

HORIZON BANCORP INC /IN/
Form 10-K
February 28, 2019
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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K

(Mark One)

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

For the fiscal year ended December 31, 2018

Commission file number 0-10792

Horizon Bancorp, Inc.

(Exact name of registrant as specified in its charter)

Indiana
(State or other jurisdiction of
incorporation or organization)

35-1562417
(I.R.S. Employer
Identification No.)

515 Franklin Street, Michigan City
(Address of principal executive officers)

46360
(Zip Code)

Registrant's telephone number, including area code: 219-879-0211

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Name of each exchange on which registered
Common Stock, no par value	The NASDAQ Stock Market, LLC

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act
Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act Yes No

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

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

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to the Form 10-K.

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

Large Accelerated Filer

Accelerated Filer

Non-Accelerated Filer

Smaller Reporting Company

Emerging Growth Company

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

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

The aggregate market value of the registrant's common stock held by non-affiliates of the registrant, based on the average sale price of such stock as of June 29, 2018, the last business day of the registrant's most recently completed second fiscal quarter, was approximately \$763.7 million.

As of February 27, 2019, the registrant had 38,375,407 shares of common stock outstanding.

Documents Incorporated by Reference

Document	Part of Form 10-K into which portion of document is incorporated
Portions of the Registrant's Proxy Statement to be filed for its May 2, 2019 annual meeting of shareholders	Part III

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2018 Annual Report on Form 10-K

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FORWARD-LOOKING STATEMENTS

A cautionary note about forward-looking statements: In addition to historical information, information included and incorporated by reference in this Annual Report on Form 10-K contains certain forward-looking statements within the meaning of the federal securities laws. Horizon Bancorp, Inc. (Horizon) intends such forward-looking statements to be covered by the safe harbor provisions for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 and is including this statement for purposes of invoking those safe-harbor provisions. Forward-looking statements can include statements about estimated cost savings, plans and objectives for future operations and expectations about Horizon s financial and business performance as well as economic and market conditions. They often can be identified by the use of words such as expect, may, likely, could, should, will, project, estimate, believe, anticipate, seek, plan, goals, strategy, future and variations of such words expressions.

Horizon may include forward-looking statements in filings it makes with the Securities and Exchange Commission (SEC), such as this Form 10-K, in other written materials, and in oral statements made by senior management to analysts, investors, representatives of the media and others. Horizon intends that these forward-looking statements speak only as of the date they are made, and Horizon undertakes no obligation to update any forward-looking statement to reflect events or circumstances after the date on which the forward-looking statement is made or to reflect the occurrence of unanticipated events.

Although management believes that the expectations reflected in forward-looking statements are reasonable, actual results may differ materially, whether adversely or positively, from the expectations of Horizon that are expressed or implied by any forward-looking statement. Risks, uncertainties, and factors that could cause Horizon s actual results to vary materially from those expressed or implied by any forward-looking statement include but are not limited to the following:

economic conditions and their impact on Horizon and its customers;

changes in the level and volatility of interest rates, spreads on earning assets and interest-bearing liabilities, and interest rate sensitivity;

rising interest rates and their impact on mortgage loan volumes and the outflow of deposits;

loss of key Horizon personnel;

increases in disintermediation, as new technologies allow consumers to complete financial transactions without the assistance of banks;

loss of fee income, including interchange fees, as new and emerging alternative payment platforms (e.g., Apple Pay or Bitcoin) take a greater market share of the payment systems;

estimates of fair value of certain of Horizon's assets and liabilities;

volatility and disruption in financial markets;

prepayment speeds, loan originations, credit losses and market values, collateral securing loans and other assets;

sources of liquidity;

potential risk of environmental liability related to lending and acquisition activities;

changes in the competitive environment in Horizon's market areas and among other financial service providers;

legislation and/or regulation affecting the financial services industry as a whole, and Horizon and its subsidiaries in particular, including the effects of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the Dodd-Frank Act) and the adoption of regulations by regulatory bodies under the Dodd-Frank Act;

the impact of whole or partial dismantling of provisions of the Dodd-Frank Act under the current federal administration, including the 2018 Economic Growth, Regulatory Relief, and Consumer Protection Act;

the impact of the Basel III capital rules;

changes in regulatory supervision and oversight, including monetary policy and capital requirements;

changes in accounting policies or procedures as may be adopted and required by regulatory agencies;

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rapid technological developments and changes;

the risks presented by cyber terrorism and data security breaches;

the rising costs of effective cybersecurity;

containing costs and expenses;

the slowing or failure of economic recovery;

the ability of the U.S. federal government to manage federal debt limits;

the potential influence on the U.S. financial markets and economy from material changes outside the U.S. or in overseas relations, including changes in U.S. trade relations related to imposition of tariffs, Brexit, and the phase out in 2021 of the London Interbank Offered Rate (LIBOR); and

the risks of expansion through mergers and acquisitions, including unexpected credit quality problems with acquired loans, difficulty integrating acquired operations and material differences in the actual financial results of such transactions compared with Horizon's initial expectations, including the full realization of anticipated cost savings.

You are cautioned that actual results may differ materially from those contained in the forward-looking statements. The Management's Discussion and Analysis of Financial Condition and Results of Operations in Item 7 of this Form 10-K lists some of the factors that could cause Horizon's actual results to vary materially from those expressed in or implied by any forward-looking statements. We direct your attention to this discussion.

Other risks and uncertainties that could affect Horizon's future performance are set forth below in Item 1A, Risk Factors.

PART I

ITEM 1. BUSINESS

The disclosures in this Item 1 are qualified by the disclosures below in Item 1A, Risk Factors, and Item 7, Management's Discussion and Analysis of Financial Condition and Results of Operations, and in other cautionary statements set forth elsewhere in this Annual Report on Form 10-K.

General

Horizon Bancorp, Inc. (Horizon or the Company) is a registered bank holding company incorporated in Indiana and headquartered in Michigan City, Indiana. Horizon provides a broad range of banking services in the Northern and Central regions of Indiana and the Southern, Central and Great Lakes Bay regions of Michigan through its bank subsidiary, Horizon Bank (Horizon Bank or the Bank) and other affiliated entities and Horizon Risk Management, Inc. Horizon operates as a single segment, which is commercial banking. Horizon's common stock is traded on the NASDAQ Global Select Market under the symbol HBNC. Horizon Bank (formerly known as Horizon Bank, N.A.) was a national association until its conversion to an Indiana commercial bank effective June 23, 2017. Prior to that date, Horizon was chartered as a national banking association founded in 1873. The Bank is a full-service commercial bank offering commercial and retail banking services, corporate and individual trust and agency services and other services incident to banking. Horizon Risk Management, Inc. is a captive insurance company incorporated in Nevada and was formed as a wholly owned subsidiary of Horizon.

On October 29, 2018, Horizon entered into an Agreement and Plan of Merger (the Merger Agreement) providing for Horizon's acquisition of Salin Bancshares, Inc. (Salin). Pursuant to the Merger Agreement, Salin will merge with and into Horizon, with Horizon surviving the merger (the Merger), and Salin Bank and Trust Company, a wholly-owned subsidiary of Salin, will merge with and into Horizon Bank, with Horizon Bank as the surviving bank.

The boards of directors of each of Horizon and Salin have approved the merger and the Merger Agreement. Subject to the approval of the Merger by Salin shareholders, regulatory approvals and other closing conditions, the parties anticipate completing the Merger during the first quarter of 2019.

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In connection with the Merger, shareholders of Salin will receive fixed consideration of 23,907.5 shares of Horizon common stock and \$84,417.17 in cash for each share of Salin common stock. Based on the closing price of Horizon common stock on October 26, 2018 of \$16.95 per share, the transaction value for the shares of common stock is approximately \$135.3 million.

The Merger Agreement also provides for certain termination rights for both Horizon and Salin, and further provides that upon termination of the Merger Agreement under certain circumstances, Salin will be obligated to pay Horizon a termination fee.

As of December 31, 2018, Salin had total assets of approximately \$929.4 million, total deposits of approximately \$749.5 million and total loans of approximately \$593.7 million.

On October 17, 2017, Horizon completed the acquisition of Wolverine Bancorp, Inc., a Maryland corporation (Wolverine) and Horizon Bank's acquisition of Wolverine Bank, a federally-chartered savings bank and wholly-owned subsidiary of Wolverine, through mergers effective October 17, 2017. Under the terms of the Merger Agreement, shareholders of Wolverine received 1.5228 shares of Horizon common stock and \$14.00 in cash for each outstanding share of Wolverine common stock. Wolverine shares outstanding at the closing to be exchanged were 2,129,331, and the shares of Horizon common stock issued to Wolverine shareholders totaled 3,241,045. Based upon the October 16, 2017 closing price of \$19.37 per share of Horizon common stock immediately prior to the effectiveness of the merger, less the consideration used to pay off Wolverine Bancorp's ESOP loan receivable, the transaction has an implied valuation of approximately \$93.8 million. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

On September 1, 2017, Horizon completed the acquisition of Lafayette Community Bancorp, an Indiana corporation (Lafayette) and the Bank's acquisition of Lafayette Community Bank, a state-chartered bank and wholly-owned subsidiary of Lafayette, through mergers effective September 1, 2017. Under the terms of the Merger Agreement, shareholders of Lafayette received 0.8817 shares of Horizon common stock and \$1.73 in cash for each outstanding share of Lafayette common stock. Lafayette shareholders owning fewer than 100 shares of common stock received \$17.25 in cash for each common share. Lafayette shares outstanding at the closing to be exchanged were 1,856,679, and the shares of Horizon common stock issued to Lafayette shareholders totaled 1,636,888. Based upon the August 31, 2017 closing price of \$17.45 per share of Horizon common stock immediately prior to the effectiveness of the merger, the transaction has an implied valuation of approximately \$34.5 million. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale and to increase revenue in this vibrant growth market.

On February 3, 2017, Horizon completed the purchase and assumption of certain assets and liabilities of a single branch of First Farmers Bank & Trust Company, in Bargersville, Indiana. Net cash of \$11.0 million was received in the transaction, representing the deposit balances assumed at closing, net of amounts paid for loans acquired in the transaction of \$3.4 million and a 3.0% premium on deposits. Customer deposit balances were recorded at \$14.8 million and a core deposit intangible of \$452,000 was recorded in the transaction which will be amortized over ten years on a straight line basis. There was no goodwill generated in the transaction.

On November 7, 2016, Horizon completed the acquisition of CNB Bancorp, an Indiana corporation headquartered in Attica, Indiana (CNB) and the Bank's acquisition of The Central National Bank and Trust Company (Central National

Bank & Trust), through mergers effective November 7, 2016. Under terms of the acquisition, shareholders of CNB received merger consideration in the form of cash. The total value of the consideration for the acquisition was \$5.3 million. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

On July 18, 2016, Horizon completed the acquisition of LaPorte Bancorp, Inc., a Maryland corporation (LaPorte Bancorp) and the Bank s acquisition of The LaPorte Savings Bank, a state-chartered savings bank and wholly owned subsidiary of LaPorte Bancorp, through mergers effective July 18, 2016. Under the terms of the merger agreement, shareholders of LaPorte Bancorp had the option to receive \$17.50 per share in cash or 1.4153 shares of Horizon common stock for each share of LaPorte Bancorp s common stock, subject to allocation provisions to assure that in aggregate,

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LaPorte Bancorp shareholders received total consideration that consisted of 65% stock and 35% cash. As a result of LaPorte Bancorp stockholder stock and cash elections and the related proration provisions of the merger agreement, Horizon issued 5,132,232 shares of its common stock in the merger. Based upon the July 18, 2016 closing price of \$12.24 per share of Horizon common stock, less the consideration used to pay off LaPorte Bancorp's ESOP loan receivable, the transaction had an implied valuation of approximately \$98.6 million. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

On June 1, 2016, Horizon completed the acquisition of Kosciusko Financial, Inc., an Indiana corporation (Kosciusko) and the Bank's acquisition of Farmers State Bank, a state-chartered bank and wholly owned subsidiary of Kosciusko, through mergers effective June 1, 2016. Under the terms of the merger agreement, shareholders of Kosciusko had the option to receive \$81.75 per share in cash or 6.7775 shares of Horizon common stock for each share of Kosciusko's common stock, subject to allocation provisions to assure that in aggregate, Kosciusko shareholders received total consideration that consisted of 65% stock and 35% cash. Kosciusko shareholders owning fewer than 100 shares of common stock received \$81.75 in cash for each common share. As a result of Kosciusko stockholder stock and cash elections and the related proration provisions of the merger agreement, Horizon issued 1,310,145 shares of its common stock in the merger. Based upon the June 1, 2016 closing price of \$11.04 per share of Horizon common stock, the transaction had an implied valuation of approximately \$23.0 million. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

On July 1, 2015, Horizon completed the acquisition of Peoples Bancorp, an Indiana corporation (Peoples) and the Bank's acquisition of Peoples Federal Savings Bank of DeKalb County (Peoples FSB), through mergers effective July 1, 2015. Under the terms of the acquisition, the exchange ratio was 2.1375 shares of Horizon common stock and \$9.75 in cash for each outstanding share of Peoples common stock. Peoples shareholders owning fewer than 100 shares of common stock received \$33.14 in cash for each common share. Peoples shares outstanding at the closing were 2,311,858, and the shares of Horizon common stock issued to Peoples shareholders totaled 4,932,454. Horizon's stock price was \$11.25 per share at the close of business on July 1, 2015. Based upon these numbers, the total value of the consideration for the acquisition was \$78.1 million. As a result of the acquisition, the Company experienced, and expects to continue to experience, increases in its deposit base, reductions in transaction costs and reduced costs through economies of scale.

On April 3, 2014 Horizon completed its acquisition of SCB Bancorp, Inc. (Summit) and the Bank's acquisition of Summit Community Bank, through mergers effective as of that date. Under the final terms of the acquisition, the exchange ratio was 1.1034 shares of Horizon's common stock and \$5.15 in cash for each share of Summit common stock outstanding. Summit shares outstanding at the closing were 1,164,442, and the shares of Horizon common stock issued to Summit shareholders totaled 1,284,345. Horizon's stock price was \$9.88 per share at the close of business on April 3, 2014. Based upon these numbers, the total value of the consideration for the acquisition was \$18.9 million (not including the retirement of Summit debt). As a result of the acquisition, the Company experienced, and expects to continue to experience, increases in its deposit base, reductions in transaction costs and reduced costs through economies of scale.

The Bank maintains 63 full service offices and 3 loan and deposit production offices. At December 31, 2018, the Bank had total assets of \$4.25 billion and total deposits of \$3.14 billion. The Bank has wholly-owned direct and indirect

subsidiaries: Horizon Investments, Inc. (Horizon Investments), Horizon Properties, Inc. (Horizon Properties), Horizon Insurance Services, Inc. (Horizon Insurance), Horizon Grantor Trust, The Loan Store, Inc. and Wolverine Commercial Holdings, LLC. Horizon Investments manages the investment portfolio of the Bank. Horizon Properties manages the real estate investment trust. Horizon Insurance is used by the Company s Wealth Management to sell certain life insurance products through a third party. Horizon Grantor Trust holds title to certain company owned life insurance policies. The Loan Store, Inc. does not presently engage in any business activities. Wolverine Commercial Holdings, LLC currently holds one piece of property but does not otherwise engage in significant business activities.

Horizon formed Horizon Bancorp Capital Trust II in 2004 (Trust II) and Horizon Bancorp Capital Trust III in 2006 (Trust III) for the purpose of participating in pooled trust preferred securities offerings. The Company assumed additional debentures as the result of the acquisition of Alliance Financial Corporation in 2005, which formed Alliance Financial Statutory Trust I (Alliance Trust). The Company also assumed additional debentures as the result of the

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acquisition of American Trust & Savings Bank (American) in 2010, which formed Am Tru Statutory Trust I (Am Tru Trust). The Company also assumed additional debentures as the result of the Heartland transaction, which formed Heartland (IN) Statutory Trust II (Heartland Trust). In 2016, the Company also assumed additional debentures as the result of the LaPorte Bancorp transaction. LaPorte Bancorp acquired City Savings Financial Corporation in 2007. City Savings Financial Corporation issued the debentures and formed City Savings Statutory Trust I (City Savings) in 2003. See Note 15 of the Consolidated Financial Statements included at Item 8 for further discussion regarding these previously consolidated entities that are now reported separately.

The business of Horizon is not seasonal to any material degree. No material part of Horizon's business is dependent upon a single or small group of customers, the loss of any one or more of which would have a materially adverse effect on the business of Horizon. In 2018, revenues from loans accounted for 73.5% of the total consolidated revenue, and revenues from investment securities accounted for 9.1% of total consolidated revenue.

Available Information

The Company's Internet address is www.horizonbank.com. The Company makes available, free of charge through the About Us - Investor Relations Documents - SEC Filings section of its Internet website, copies of the Company's Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and any amendments to those reports filed or furnished pursuant to Section 13(a) of the Securities Exchange Act of 1934, as amended, as soon as reasonably practicable after those reports are filed with or furnished to the SEC.

Employees

The Company and its subsidiaries employed approximately 716 full and part-time employees as of December 31, 2018.

Competition

Horizon faces a high degree of competition in all of its primary markets. The Bank's primary market consists of areas throughout the northern, northwestern, northeastern and central regions of the state of Indiana along with the southern, central and Great Lakes Bay regions of the state of Michigan. The Bank's primary market is further defined by the Indiana counties of La Porte, Lake, Porter, St. Joseph, Elkhart, Kosciusko, LaGrange, DeKalb, Noble, Whitley, Allen, Fountain, Tippecanoe, Hamilton, Marion and Johnson, as well as the Michigan counties of Berrien, Cass, St. Joseph, Kalamazoo, Ingham, Midland, Saginaw, Oakland and Ottawa. The Bank competes with other commercial banks, savings and loan associations, consumer finance companies, credit unions and other non-bank and digital financial service providers. To a more moderate extent, the Bank competes with Chicago money center banks, mortgage banking companies, insurance companies, brokerage houses, other institutions engaged in money market financial services and certain government agencies.

Horizon was the largest of the eight bank and thrift institutions in La Porte County with a 54.99% market share, as of June 30, 2018. In July 2016, Horizon completed its acquisition of The LaPorte Savings Bank adding its market share and a net of four branches located in La Porte County. In Porter County, Horizon was the fifth largest of 12 institutions with a market share of 10.93%. As of June 30, 2018, Horizon held 1.70% of the market share in Lake County. Horizon entered Kosciusko County in June 2016 through its acquisition of Farmers State Bank. As of

June 30, 2018, Horizon held a market share of 7.63% and was ranked fourth out of 10 institutions in Kosciusko County. Horizon entered the Indiana counties of Allen, DeKalb, LaGrange, Noble and Whitley in 2015 through its acquisition of Peoples FSB. As of June 30, 2018, Horizon was the second largest of the 11 bank and thrift institutions in DeKalb County with a market share of 21.96%, followed by market shares of 7.97% in Whitley County; 7.63% in Noble County; 5.33% in LaGrange County; and less than 1% in Allen County. Horizon's market share in the counties of St. Joseph and Elkhart were less than 1% at June 30, 2018. At June 30, 2018, Horizon held a 10.49% market share in Fountain County, which it entered in late 2016 through the acquisition of Central National Bank and Trust. On September 1, 2017, Horizon acquired Lafayette Community Bank and entered Tippecanoe County. At June 30, 2018, Horizon ranked fifth out of 15 institutions in Tippecanoe County with a 11.06% market share. In 2012, Horizon entered Johnson County through its acquisition of Heartland Bank and ranked second of the 19 institutions with a market share of 12.24%, as of June 30, 2018. Horizon's market share of deposits was less than 1% each in Hamilton and Marion Counties.

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Horizon was the fourth largest of the 10 bank and thrift institutions in Berrien County with an 8.88% market share, as of June 30, 2018. The branches acquired from Peoples FSB in Michigan are located in Cass, St. Joseph and Kalamazoo Counties where Horizon held market share of 6.18%, 4.62% and 1.36%, respectively, as of June 30, 2018. Horizon entered Ingham County through its acquisition of Summit Community Bank in 2014 and held 2.26% market share as of June 30, 2018. On October 17, 2017, Horizon acquired Wolverine Bank and entered Midland and Saginaw counties. At June 30, 2018, Horizon was the second largest of seven institutions in Midland County with a 6.32% market share. Horizon held less than 1% market share in Saginaw County and Kent County, Michigan at June 30, 2018. (Source: FDIC Summary of Deposits Market Share Reports, available at www.fdic.gov.)

Regulation and Supervision

General

As a bank holding company and a financial holding company, the Company is subject to extensive regulation, supervision and examination by the Board of Governors of the Federal Reserve System (the Federal Reserve Board or Federal Reserve) as its primary federal regulator under the Bank Holding Company Act of 1956, as amended (BHC Act). The Company is required to file annual reports with the Federal Reserve and provide other information that the Federal Reserve may require. The Federal Reserve may also make examinations and inspections of the Company.

The Bank, as an Indiana-chartered bank, is subject to extensive regulation, supervision and examination by the Indiana Department of Financial Institutions (DFI) as its primary state regulator. Also, as to certain matters, the Bank is under the supervision of, and subject to examination by, the Federal Deposit Insurance Corporation (FDIC) because the FDIC provides deposit insurance to the Bank and is the Bank 's primary federal regulator.

The supervision, regulation and examination of Horizon and the Bank by the bank regulatory agencies are intended primarily for the protection of depositors rather than for the benefit of Horizon 's shareholders.

Horizon is also subject to the disclosure and regulatory requirements of the Securities Act of 1933, as amended, and the Securities Exchange Act of 1934, as amended, as administered by the SEC. Horizon 's common stock is listed on the NASDAQ Global Select Market under the trading symbol HBNC, and Horizon is subject to the NASDAQ rules applicable to listed companies.

Included below is a brief summary of significant aspects of the laws, regulations and policies applicable to Horizon and the Bank. This summary is qualified in its entirety by reference to the full text of the statutes, regulations and policies that are referenced and is not intended to be an exhaustive description of the statutes, regulations and policies applicable to the business of Horizon and the Bank. Also, such statutes, regulations and policies are continually under review by Congress and state legislatures and by federal and state regulatory agencies. A change in statutes, regulations or regulatory policies applicable to Horizon and the Bank could have a material effect on Horizon 's business, financial condition and results of operations.

The Bank Holding Company Act

The BHC Act generally limits the business in which a bank holding company and its subsidiaries may engage to banking or managing or controlling banks and those activities that the Federal Reserve Board has determined to be so

closely related to banking as to be a proper incident thereto. Those closely related activities currently can include such activities as consumer finance, mortgage banking and securities brokerage. Certain well-managed and well-capitalized bank holding companies may elect to be treated as a financial holding company and, as a result, will be permitted to engage in a broader range of activities that are financial in nature and in activities that are determined to be incidental or complementary to activities that are financial in nature. Horizon has both qualified as, and elected to be, a financial holding company. Activities that are considered financial in nature include securities underwriting and dealing, insurance underwriting and making merchant banking investments.

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To commence any new activity permitted by the BHC Act or to acquire a company engaged in any new activity permitted by the BHC Act, each insured depository institution subsidiary of the financial holding company must have received a rating of at least *satisfactory* in its most recent examination under the Community Reinvestment Act. The Federal Reserve Board has the power to order any bank holding company or its subsidiaries to terminate any activity or to terminate its ownership or control of any subsidiary when the Federal Reserve Board has reasonable grounds to believe that continuation of such activity or such ownership or control constitutes a serious risk to the financial soundness, safety or stability of any bank subsidiary of the bank holding company.

Federal Reserve Board policy has historically required bank holding companies to act as a source of financial and managerial strength for their subsidiary banks. The Dodd-Frank Act, which was signed into law on July 21, 2010, codified this policy. Under this requirement, Horizon is required to act as a source of financial strength to the Bank and to commit resources to support the Bank in circumstances in which Horizon might not otherwise do so. For this purpose, *source of financial strength* means Horizon's ability to provide financial assistance to the Bank in the event of the Bank's financial distress.

The BHC Act, the Bank Merger Act (which is the popular name for Section 18(c) of the Federal Deposit Insurance Act) and other federal and state statutes regulate acquisitions of banks and bank holding companies. The BHC Act requires the prior approval of the Federal Reserve before a bank holding company may acquire more than a 5% voting interest or substantially all the assets of any bank or bank holding company. Banks must also seek prior approval from their primary state and federal regulators for any such acquisitions. In reviewing applications seeking approval for mergers and other acquisition transactions, the bank regulatory authorities will consider, among other things, the competitive effect and public benefits of the transactions, the capital position of the combined organization, the risks to the stability of the U.S. banking or financial system, the applicant's performance record under the Community Reinvestment Act and the effectiveness of the subject organizations in combating money laundering activities.

Under the Federal Deposit Insurance Corporation Improvement Act of 1991 (*FDICIA*), a bank holding company is required to guarantee the compliance of any insured depository institution subsidiary that may become *undercapitalized* (as defined in *FDICIA*), with the terms of any capital restoration plan filed by such subsidiary with its appropriate federal bank regulatory agency.

Bank holding companies, such as Horizon, and their insured depository institutions, such as the Bank, are subject to various regulatory capital requirements administered by the federal and state regulators. The guidelines establish a systematic analytical framework that makes regulatory capital requirements more sensitive to differences in risk profiles among banking organizations. Risk-based capital ratios are determined by allocating assets and specified off-balance sheet commitments to four risk weighted categories, with higher levels of capital being required for the categories perceived as representing greater risk. For an additional discussion of the Company's regulatory capital ratios and regulatory requirements as of December 31, 2018, please refer to the subsection titled *Capital Regulation* in this *Regulation and Supervision* section.

Branching and Acquisitions

Indiana law, the BHC Act and the Bank Merger Act restrict certain types of expansion by the Company and the Bank. The Company and the Bank may be required to apply for prior approval from (or give prior notice and an opportunity for review to) the Federal Reserve, the DFI and the FDIC, and or other regulatory agencies as a condition to the

acquisition or establishment of new offices, or the acquisition by merger, purchase or otherwise of the stock, business or assets of other banks or companies.

Under current law, Indiana chartered banks may establish branches throughout the state and in other states, subject to certain limitations. Indiana law also authorizes an Indiana bank to establish one or more branches in states other than Indiana through interstate merger transactions and to establish one or more interstate branches through de novo branching or the acquisition of a branch. The Dodd-Frank Act permits the establishment of de novo branches in states where such branches could be opened by a state bank chartered by that state. The consent of the state in which the new branch will be opened is no longer required.

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Deposit Insurance and Assessments

The Bank's deposits are insured to applicable limits by the Deposit Insurance Fund (DIF) of the FDIC. Generally, deposits are insured up to the statutory limit of \$250,000. Banks are subject to deposit insurance premiums and assessments to maintain the DIF. The FDIC has authority to raise or lower assessment rates on insured banks in order to achieve statutorily required reserve ratios in the DIF and to impose special additional assessments.

The Dodd-Frank Act resulted in significant changes to the FDIC's deposit insurance system. Under the Dodd-Frank Act, the FDIC is authorized to set the reserve ratio for the DIF at no less than 1.35%, and must achieve the 1.35% designated reserve ratio by September 30, 2020. The FDIC must offset the effect of the increase in the minimum designated reserve ratio from 1.15% to 1.35% on insured depository institutions of less than \$10 billion and may declare dividends to depository institutions when the reserve ratio at the end of a calendar quarter is at least 1.5%, although the FDIC has the authority to suspend or limit such permitted dividend declarations. The FDIC has set the long term goal for the designated reserve ratio of the deposit insurance fund at 2% of estimated insured deposits.

Also as a consequence of the Dodd-Frank Act, the assessment base for deposit insurance premiums was changed in 2011 from adjusted domestic deposits to average consolidated total assets minus average tangible equity. Tangible equity for this purpose means Tier 1 capital. The initial base assessment rates ranged from 5-35 basis points. For small Risk Category I banks, such as Horizon Bank, the rates ranged from 5-9 basis points.

Adjustments are made to the initial assessment rates based on long-term unsecured debt, depository institution debt, and brokered deposits.

Effective as of June 30, 2016, the reserve ratio reached 1.15% and a new assessment rate schedule became effective July 1, 2016, with rates ranging from 3 to 30 basis points instead of 5 to 35 basis points. Assessment rates for all established smaller banks will be determined using financial measures and supervisory ratings derived from a statistical model estimating the probability of failure over three years. The new pricing system eliminates risk categories, but establishes minimum and maximum assessment rates for established small banks based on a bank's CAMELS composite ratings (*i.e.*, capital adequacy, asset quality, management, earnings, liquidity and sensitivity).

Horizon's FDIC deposit insurance expense decreased \$513,000 during 2017 compared to 2016 as a result of the new assessment rate schedule effective July 1, 2016. Horizon's FDIC deposit insurance expense increased \$398,000 during 2018 compared to 2017 primarily due to an increase in average consolidated total assets.

The FDIC may terminate the deposit insurance of any insured depository institution if the FDIC determines, after a hearing, that the institution has engaged or is engaging in unsafe or unsound practices, is in an unsafe and unsound condition to continue operations or has violated any applicable law, regulation, order or any condition imposed in writing by, or written agreement with, the FDIC. The FDIC may also suspend deposit insurance temporarily during the hearing process for a permanent termination of insurance if the institution has no tangible capital.

FDIC-insured institutions are also subject to the requirement to pay assessments to the FDIC to fund interest payments on bonds issued by the Financing Corporation (FICO), an agency of the Federal government established to recapitalize the insolvent Federal Savings and Loan Insurance Corporation, an early predecessor of the DIF. The FICO bonds were scheduled to be repaid between 2017 and 2019, and the last bond is now scheduled to be repaid in

September 2019. For 2018, the Bank paid 0.46 basis points for each \$100 of insured deposits for the first quarter, 0.44 basis points for the second quarter, and 0.32 basis points for the third and fourth quarters. The assessment rate was further reduced to 0.14 basis points for the first quarter of 2019. The Federal Housing Finance Agency, which is the agency authorized by Congress to prescribe regulations relating to FICO, recently adopted a final rule effective January 7, 2019, that projects that the last FICO assessment on institutions like Horizon Bank will be collected on the March 29, 2019, FDIC Quarterly Certified Statement Invoice.

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Transactions with Affiliates and Insiders

Horizon and the Bank are subject to the Federal Reserve Act, which restricts financial transactions between banks, affiliated companies and their executive officers, including limits on credit transactions between these parties. The statute prescribes terms and conditions in order for bank affiliate transactions to be deemed to be consistent with safe and sound banking practices, and it also restricts the types of collateral security permitted in connection with a bank's extension of credit to an affiliate. In general, extensions of credit (i) must be made on substantially the same terms, including interest rates and collateral, and subject to credit underwriting procedures that are at least as stringent as those prevailing at the time for comparable transactions with non-affiliates, and (ii) must not involve more than the normal risk of repayment or present other unfavorable features.

Capital Regulation

The federal bank regulatory authorities have adopted risk-based capital guidelines for banks and bank holding companies that are designed to make regulatory capital requirements more sensitive to differences in risk profiles among banks and bank holding companies and account for off-balance sheet items. Generally, to satisfy the capital requirements, the Company must maintain capital sufficient to meet both risk-based asset ratio tests and a leverage ratio test on a consolidated basis. Risk-based capital ratios are determined by allocating assets and specified off-balance sheet commitments into various risk-weighted categories, with higher weighting assigned to categories perceived as representing greater risk. A risk-based ratio represents the applicable measure of capital divided by total risk-weighted assets. The leverage ratio is a measure of the Company's core capital divided by total assets adjusted as specified in the guidelines.

The capital guidelines divide a bank holding company's or bank's capital into two tiers. The first tier (Tier I) includes common equity, certain non-cumulative perpetual preferred stock and minority interests in equity accounts of consolidated subsidiaries, less goodwill and certain other intangible assets (except mortgage servicing rights and purchased credit card relationships, subject to certain limitations). Supplementary capital (Tier II) includes, among other items, cumulative perpetual and long-term limited-life preferred stock, mandatory convertible securities, certain hybrid capital instruments, term subordinated debt and the allowance for loan and lease losses, subject to certain limitations, less required deductions. The regulations also require the maintenance of a leverage ratio designed to supplement the risk-based capital guidelines. This ratio is computed by dividing Tier I capital, net of all intangibles, by the quarterly average of total assets. Pursuant to the regulations, banks must maintain capital levels commensurate with the level of risk, including the volume and severity of problem loans to which they are exposed.

Effective January 1, 2015 (subject to certain phase-in provisions through January 1, 2019), the Company became subject to new federal banking rules implementing changes arising from Dodd-Frank and the U.S. Basel Committee on Banking Supervision, providing a capital framework for all U.S. banks and bank holding companies (Basel III). Basel III increased the minimum requirements for both the quantity and quality of capital held by Horizon and the Bank. The rules include a new common equity Tier 1 capital ratio of 4.5%, a minimum Tier 1 capital ratio of 6.0% (increased from 4.0%), a total capital ratio of 8.0% (unchanged from prior rules) and a minimum leverage ratio of 4.0%. The final rules also require a common equity Tier 1 capital conservation buffer of 2.5% of risk-weighted assets, which is in addition to the other minimum risk-based capital standards in the rule. Institutions that do not maintain the required capital conservation buffer will become subject to progressively more stringent limitations on the percentage of earnings that can be paid out in dividends or used for stock repurchases and on the payment of certain bonuses to

senior executive management. The capital conservation buffer requirement was phased in over three years beginning in 2016 at 0.625% of risk-weighted assets and increased each year until fully implemented at 2.5% on January 1, 2019. The capital conservation buffer requirement effectively raises the minimum required common equity Tier 1 capital ratio to 7.0%, the Tier 1 capital ratio to 8.5% and the total capital ratio to 10.5% on a fully phased-in basis.

Basel III also introduced other changes, including an increase in the capital required for certain categories of assets, including higher-risk construction real estate loans and certain exposures related to securitizations. Banking organizations with less than \$15 billion in assets as of December 31, 2010, such as Horizon, are permitted to retain non-qualifying Tier 1 capital trust preferred securities issued prior to May 19, 2010, subject generally to a limit of 25% of Tier 1 capital.

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In May 2018, the Economic Growth, Regulatory Relief, and Consumer Protection Act (the Regulatory Relief Act) was enacted, which could change the regulatory capital requirements applicable to Horizon. The Regulatory Relief Act was enacted to modify or remove certain financial reform rules and regulations, including some implemented under the Dodd-Frank Act. Of particular significance for financial institutions and their holding companies with total consolidated assets of less than \$10 billion, the Regulatory Relief Act directs the federal banking regulators to establish a single Community Bank Leverage Ratio of between 8% to 10% to replace the leverage and risk-based regulatory capital ratios. Any qualifying depository institution or its holding company that exceeds the Community Bank Leverage Ratio will be considered to have met generally applicable leverage and risk-based regulatory capital ratios, and any qualifying depository institution that exceeds the new ratio will be considered to be well-capitalized under the prompt correction action rules.

Horizon's management believes that, as of December 31, 2018, Horizon and the Bank met all capital adequacy requirements under the Basel III capital rules currently in effect.

The following is a summary of Horizon's and the Bank's regulatory capital and capital requirements at December 31, 2018.

	Actual		Required for Capital ¹		Required For Capital ¹		Well Capitalized Under Prompt ¹	
	Amount	Ratio	Amount	Ratio	Adequacy Purposes with Capital Buffer	Ratio	Corrective Action Provisions	Ratio
December 31, 2018								
Total capital ¹ (to risk-weighted assets)								
Consolidated	\$ 427,616	13.39%	\$ 255,419	8.00%	\$ 315,283	9.875%	N/A	N/A
Bank	396,755	12.43%	255,419	8.00%	315,283	9.875%	\$ 319,274	10.00%
Tier 1 capital ¹ (to risk-weighted assets)								
Consolidated	409,760	12.83%	191,565	6.00%	251,429	7.875%	N/A	N/A
Bank	378,899	11.87%	191,565	6.00%	251,429	7.875%	255,420	8.00%
Common equity tier 1 capital ¹ (to risk-weighted assets)								
Consolidated	371,297	11.63%	143,673	4.50%	203,537	6.375%	N/A	N/A
Bank	378,899	11.87%	143,674	4.50%	203,537	6.375%	207,528	6.50%
Tier 1 capital ¹ (to average assets)								
Consolidated	409,760	10.12%	162,033	4.00%	162,033	4.000%	N/A	N/A
Bank	378,899	9.34%	162,327	4.00%	162,327	4.000%	202,908	5.00%

¹ As defined by regulatory agencies

The Dodd-Frank Act also requires the Federal Reserve to set minimum capital levels for bank holding companies that are as stringent as those required for insured depository subsidiaries, except that bank holding companies with less than \$1 billion in assets are exempt from these capital requirements.

Dividends

Horizon is a legal entity separate and distinct from the Bank. The primary source of Horizon's cash flow, including cash flow to pay dividends on its common stock, is the payment of dividends to Horizon by the Bank. Under Indiana law, the Bank may pay dividends of so much of its undivided profits (generally, earnings less losses, bad debts, taxes and other operating expenses) as is considered appropriate by the Bank's Board of Directors. However, the Bank must obtain the approval of the DFI for the payment of a dividend if the total of all dividends declared by the Bank during the current year, including the proposed dividend, would exceed the sum of retained net income for the year to date plus its retained net income for the previous two years. For this purpose, retained net income means net income as calculated for call report purposes, less all dividends declared for the applicable period. The Bank is generally exempt from this DFI pre-approval process for dividends if (i) the Bank has been assigned a composite uniform financial institutions rating of 1 or 2 as a result of the most recent federal or state examination; (ii) the proposed dividend will not result in a Tier 1 leverage ratio below 7.5%; and (iii) the Bank is not subject to any corrective action, supervisory order, supervisory agreement or board approved operating agreement.

The FDIC has the authority to prohibit the Bank from paying dividends if, in its opinion, the payment of dividends would constitute an unsafe or unsound practice in light of the financial condition of the Bank.

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In addition, under Federal Reserve supervisory policy, a bank holding company generally should not maintain its existing rate of cash dividends on common shares unless (i) the organization's net income available to common shareholders over the past year has been sufficient to fully fund the dividends and (ii) the prospective rate of earnings retention appears consistent with the organization's capital needs, assets, quality and overall financial condition. The Federal Reserve issued a letter dated February 24, 2009, to bank holding companies informing them that it expects bank holding companies to consult with it in advance of declaring dividends that could raise safety and soundness concerns (*i.e.*, such as when the dividend is not supported by earnings or involves a material increase in the dividend rate) and in advance of repurchasing shares of common stock or preferred stock. Although the effect of this letter was revised in December 2015 to become inapplicable to certain large U.S. bank holding companies (generally, those with at least \$50 billion in average total consolidated assets), the guidance remains effective for bank holding companies like Horizon.

Prompt Corrective Regulatory Action

Under FDICIA, federal banking regulatory authorities are required to take regulatory enforcement actions known as prompt corrective action with respect to depository institutions that do not meet minimum capital requirements. The extent of the regulators' powers depends on whether the institution in question is categorized as well capitalized, adequately capitalized, undercapitalized, significantly undercapitalized, or critically undercapitalized, as defined by regulation. Depending upon the capital category to which an institution is assigned, the regulators' corrective powers include: (i) requiring the submission of a capital restoration plan; (ii) placing limits on asset growth and restrictions on activities; (iii) requiring the institution to issue additional capital stock (including additional voting stock) or to be acquired; (iv) restricting transactions with affiliates; (v) restricting the interest rate the institution may pay on deposits; (vi) ordering a new election of directors of the institution; (vii) requiring that senior executive officers or directors be dismissed; (viii) prohibiting the institution from accepting deposits from correspondent banks; (ix) requiring the institution to divest certain subsidiaries; (x) prohibiting the payment of principal or interest on subordinated debt; and (xi) ultimately, for critically undercapitalized institutions, appointing a receiver for the institution.

New prompt corrective action requirements that became effective January 1, 2015, increased the capital level requirements necessary to qualify as well capitalized. At December 31, 2018, the Bank was categorized as well capitalized, meaning that the Bank's total risk-based capital ratio exceeded 10%, the Bank's Tier 1 risk-based capital ratio exceeded 8%, the Bank's common equity Tier 1 risk-based capital ratio exceeded 6.5%, the Bank's leverage ratio exceeded 5%, and the Bank was not subject to a regulatory order, agreement or directive to meet and maintain a specific capital level for any capital measure.

Banking regulators may change these capital requirements from time to time, depending on the economic outlook generally and the outlook for the banking industry. For instance, when established, the new Community Bank Leverage Ratio prescribed by the Regulatory Relief Act will set the standard for a well-capitalized institution for purposes of prompt corrective action. The Company is unable to predict whether and when any such further capital requirements would be imposed and, if so, to what levels and on what schedule.

Anti-Money Laundering The USA Patriot Act and the Bank Secrecy Act

Horizon is subject to the provisions of the USA PATRIOT Act of 2001, which contains anti-money laundering and financial transparency laws and requires financial institutions to implement additional policies and procedures to

address money laundering, suspicious activities and currency transaction reporting, and currency crimes. The regulations promulgated under the USA PATRIOT Act of 2001 require financial institutions such as the Bank to adopt controls to detect, prevent and report money laundering and terrorist financing and to verify the identities of their customers.

The Bank Secrecy Act of 1970, which was amended to incorporate certain provisions of the USA PATRIOT Act of 2001, also focuses on combating money laundering and terrorist financing and requires financial institutions to develop policies, procedures and practices to prevent, detect and deter these activities, including customer identification programs and procedures for filing suspicious activity reports. Banks had until May 2018 at the latest to update their policies with respect to new customer due diligence regulations adopted by the U.S. Department of the Treasury under the Bank Secrecy Act. During 2018, Horizon Bank implemented the Fifth Pillar of the Bank Secrecy Act (BSA) which focuses on identifying beneficial ownership. The BSA officer and BSA analysts incorporated these enhanced due diligence requirements into the Bank s policies, procedures and training programs in 2018.

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Failure to maintain and implement adequate programs to combat money laundering and terrorist financing, or to comply with all of the relevant laws or regulations relating thereto, could have serious legal and reputational consequences for Horizon and the Bank.

Federal Securities Law and NASDAQ

The shares of common stock of Horizon have been registered with the SEC under the Securities Exchange Act (the 1934 Act). Horizon is subject to the information, proxy solicitation, insider trading restrictions and other requirements of the 1934 Act and the rules of the SEC promulgated thereunder.

Shares of common stock held by persons who are affiliates of Horizon may not be resold without registration unless sold in accordance with the resale restrictions of Rule 144 under the Securities Act of 1933. If Horizon meets the current public information requirements under Rule 144, each affiliate of Horizon who complies with the other conditions of Rule 144 (including those that require the affiliate's sale to be aggregated with those of certain other persons) would be able to sell in the public market, without registration, a number of shares not to exceed, in any three-month period, the greater of (i) 1% of the outstanding shares of Horizon or (ii) the average weekly volume of trading in such shares during the preceding four calendar weeks.

Under the Dodd-Frank Act, Horizon is required to provide its shareholders an opportunity to vote on the executive compensation payable to its named executive officers and on golden parachute payments in connection with mergers and acquisitions. These votes are non-binding and advisory. At least once every six years, Horizon must also permit shareholders to determine, on an advisory basis, whether such votes on executive compensation (called say on pay votes) should be held every one, two, or three years. In both 2012 and 2018, Horizon's shareholders voted in favor of presenting the executive compensation say on pay question every year.

Shares of common stock of Horizon are listed on The NASDAQ Global Select Market under the trading symbol HBNC, and Horizon is subject to the rules of NASDAQ for listed companies.

Sarbanes-Oxley Act of 2002

Horizon is subject to the Sarbanes-Oxley Act of 2002 (the Sarbanes-Oxley Act), which revised the laws affecting corporate governance, accounting obligations and corporate reporting. The Sarbanes-Oxley Act applies to all companies with equity or debt securities registered under the 1934 Act. In particular, the Sarbanes-Oxley Act established: (i) new requirements for audit committees, including independence, expertise and responsibilities; (ii) additional responsibilities regarding financial statements for the Chief Executive Officer and Chief Financial Officer of the reporting company; (iii) new standards for auditors and regulation of audits; (iv) increased disclosure and reporting obligations for the reporting company and its directors and executive officers; and (v) new and increased civil and criminal penalties for violation of the securities laws.

Pursuant to the final rules adopted by the SEC to implement Section 404 of the Sarbanes-Oxley Act, Horizon is required to include in each Form 10-K it files a report of management on Horizon's internal control over financial reporting. The internal control report must include a statement of management's responsibility for establishing and maintaining adequate control over financial reporting of Horizon, identify the framework used by management to evaluate the effectiveness of Horizon's internal control over financial reporting and provide management's assessment

of the effectiveness of Horizon's internal control over financial reporting. This Annual Report on Form 10-K also includes an attestation report issued by Horizon's registered public accounting firm on Horizon's internal control over financial reporting.

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Financial System Reform The Dodd-Frank Act, the CFPB and the 2018 Regulatory Relief Act

The Dodd-Frank Act, which was signed into law in 2010, significantly changed the regulation of financial institutions and the financial services industry. The Dodd-Frank Act includes provisions affecting large and small financial institutions alike, including several provisions that have profoundly affected how community banks, thrifts, and small bank and thrift holding companies are regulated. Among other things, these provisions eliminated the Office of Thrift Supervision and transferred its functions to the other federal banking agencies, relaxed rules regarding interstate branching, allowed financial institutions to pay interest on business checking accounts, changed the scope of federal deposit insurance coverage and imposed new capital requirements on bank and thrift holding companies.

The Dodd-Frank Act created the Consumer Financial Protection Bureau (CFPB) as an independent bureau within the Federal Reserve System with broad rulemaking, supervisory and enforcement powers under various federal consumer financial protection laws, including the Equal Credit Opportunity Act, Truth in Lending Act, Real Estate Settlement Procedures Act, Fair Credit Reporting Act, Fair Debt Collection Practices Act, the Consumer Financial Privacy provisions of the Gramm-Leach-Bliley Act and certain other statutes. In July 2011, many of the consumer financial protection functions formerly assigned to the federal banking and other designated agencies were transferred to the CFPB. The CFPB has a large budget and staff, and has the authority to implement regulations under federal consumer protection laws and enforce those laws against financial institutions. The CFPB has examination and primary enforcement authority over depository institutions with \$10 billion or more in assets. Smaller institutions are subject to rules promulgated by the CFPB but continue to be examined and supervised by the federal banking regulators for consumer compliance purposes. The CFPB also has authority to prevent unfair, deceptive or abusive practices in connection with offering consumer financial products. Additionally, the CFPB is authorized to collect fines and provide consumer restitution in the event of violations, engage in consumer financial education, track consumer complaints, request data, and promote the availability of financial services to underserved consumers and communities.

The CFPB has indicated that mortgage lending is an area of supervisory focus and that it will concentrate its examination and rulemaking efforts on the variety of mortgage-related topics required under the Dodd-Frank Act, including minimum standards for the origination of residential mortgages. The CFPB has published several final regulations impacting the mortgage industry, including rules related to ability-to-repay, mortgage servicing, escrow accounts, and mortgage loan originator compensation. The ability-to-repay rule makes lenders liable if they fail to assess a borrower's ability to repay under a prescribed test, but also creates a safe harbor for so called "qualified mortgages." Failure to comply with the ability-to-repay rule may result in possible CFPB enforcement action and special statutory damages plus actual, class action, and attorneys' fees damages, all of which a borrower may claim in defense of a foreclosure action at any time.

The CFPB also amended Regulation C to implement amendments to the Home Mortgage Disclosure Act made by the Dodd-Frank Act. The amendment added a significant number of new information collecting and reporting requirements for financial institutions, most of which became effective as of January 1, 2018.

The Dodd-Frank Act contains numerous other provisions affecting financial institutions of all types, many of which may have an impact on the operating environment of Horizon in substantial and unpredictable ways. Horizon has incurred higher operating costs in complying with the Dodd-Frank Act, and expects these higher costs to continue for the foreseeable future.

In May 2018, the Regulatory Relief Act was enacted to modify or remove certain financial reform rules and regulations, including some of those implemented under the Dodd-Frank Act. While the Regulatory Relief Act maintains most of the regulatory structure established by the Dodd-Frank Act, it amends certain aspects of the regulatory framework for small depository institutions with assets of less than \$10 billion and for large banks with assets of more than \$50 billion. Many of these changes could result in meaningful regulatory relief for community banks such as Horizon Bank.

The Regulatory Relief Act, among other matters, expands the definition of qualified mortgages which may be held by a financial institution and simplifies the regulatory capital rules for financial institutions and their holding companies with total consolidated assets of less than \$10 billion by instructing the federal banking regulators to establish a single Community Bank Leverage Ratio of between 8% and 10% to replace the leverage and risk-based regulatory capital ratios. The federal banking agencies may consider a financial institution's risk profile when evaluating whether it qualifies as a community bank for purposes of the new ratio. In addition, the Regulatory Relief Act includes regulatory relief for community banks regarding regulatory examination cycles, call reports, the Volcker Rule (proprietary trading prohibitions), mortgage disclosures and risk weights for certain high-risk commercial real estate loans.

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It is difficult at this time to predict when or how any new standards under the Regulatory Relief Act will ultimately be applied to us or what specific impact the yet-to-be-written implementing rules and regulations will have on community banks.

Horizon's management will continue to review the status of the rules and regulations adopted pursuant to the Dodd-Frank Act and the Regulatory Relief Act, and to assess their probable impact on the business, financial condition and results of operations of Horizon.

Federal Home Loan Bank (FHLB) System

The Bank is a member of the FHLB of Indianapolis, which is one of twelve regional FHLBs. Each FHLB serves as a reserve or central bank for its members within its assigned region. The FHLB is funded primarily from funds deposited by banks and savings associations and proceeds derived from the sale of consolidated obligations of the FHLB system. It makes loans to members (*i.e.*, advances) in accordance with policies and procedures established by the Board of Directors of the FHLB. All FHLB advances must be fully secured by sufficient collateral as determined by the FHLB. The Federal Housing Finance Board (FHFBS), an independent agency, controls the FHLB System, including the FHLB of Indianapolis.

The FHLB imposes various limitations on advances such as limiting the amount of certain types of real estate related collateral to 30% of a member's capital and limiting total advances to a member. Interest rates charged for advances vary depending upon maturity, the cost of funds to the FHLB of Indianapolis and the purpose of the borrowing.

The FHLBs are required to provide funds for the resolution of troubled savings associations and to contribute to affordable housing programs through direct loans or interest subsidies on advances targeted for community investment and low and moderate income housing projects.

As a member of the FHLB, the Bank is required to purchase and maintain stock in the FHLB of Indianapolis in an amount equal to at least 1% of its aggregate unpaid residential mortgage loans, home purchase contracts, or similar obligations at the beginning of each year. At December 31, 2018, the Bank's investment in stock of the FHLB of Indianapolis was \$18.1 million. For the year ended December 31, 2018, dividends paid by the FHLB of Indianapolis to the Bank on the FHLB stock totaled approximately \$875,000, for an annualized rate paid in dividends of 4.9%.

Limitations on Rates Paid for Deposits; Restrictions on Brokered Deposits

FDIC regulations restrict the interest rates that less than well-capitalized insured depository institutions may pay on deposits and also restrict the ability of such institutions to accept brokered deposits. These regulations permit a well-capitalized depository institution to accept, renew or roll over brokered deposits without restriction, and an adequately capitalized depository institution to accept, renew or roll over brokered deposits with a waiver from the FDIC (subject to certain restrictions on payments of rates). The regulations prohibit an undercapitalized depository institution from accepting, renewing or rolling over brokered deposits. These regulations contemplate that the definitions of well-capitalized, adequately capitalized and undercapitalized will be the same as the definitions adopted by the agencies to implement the prompt corrective action provisions of FDICIA. The Bank is a well-capitalized institution, and management does not believe that these regulations have a materially adverse effect on the Bank's current operations.

Community Reinvestment Act

Under the Community Reinvestment Act (CRA), the Bank has a continuing and affirmative obligation consistent with its safe and sound operation to help meet the credit needs of its entire community, including low and moderate income neighborhoods. The CRA does not establish specific lending requirements or programs for financial institutions nor does it limit an institution's discretion to develop the types of products and services that it believes are best suited to its particular

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community, consistent with the CRA. The CRA requires the FDIC in connection with its examination of the Bank, to assess its record of meeting the credit needs of its community and to take that record into account in its evaluation of certain applications by the Bank. For example, the regulations specify that a bank's CRA performance will be considered in its expansion proposals (e.g., branching and acquisitions of other financial institutions) and may be the basis for approving, denying or conditioning the approval of an application. As of the date of its most recent regulatory examination, the Bank was rated "satisfactory" with respect to its CRA compliance.

Gramm-Leach-Bliley Act, Financial Privacy

The Gramm-Leach-Bliley Act adopted in 1999 ("Gramm-Leach") was intended to modernize the banking industry by removing barriers to affiliation among banks, insurance companies, the securities industry and other financial service providers. Gramm-Leach was responsible for establishing a distinct type of bank holding company, known as a financial holding company, which is allowed to engage in an expanded range of financial services, including banking, securities underwriting, insurance (both agency and underwriting) and merchant banking. As previously discussed, Horizon has qualified as, and elected to become, a financial holding company under the Gramm-Leach amendments to the BHC Act.

Under Gramm-Leach, federal banking regulators adopted rules limiting the ability of banks and other financial institutions to disclose non-public information about consumers to non-affiliated third parties. The rules require disclosure of privacy policies to consumers and, in some circumstances, allow consumers to prevent disclosure of certain personal information to non-affiliated third parties. The privacy provisions of Gramm-Leach affect how consumer information is transmitted through diversified financial services companies and conveyed to outside vendors.

As a financial institution, the Bank handles a significant amount of sensitive data, including personal information. The Company does not disclose any non-public information about any current or former customers to anyone except as permitted by law and subject to contractual confidentiality provisions which restrict the release and use of such information.

We are also subject to guidance from the Federal Financial Institutions Examination Council ("FFIEC"), an interagency body for five federal banking regulators, with respect to such matters as data privacy, disaster recovery and cybersecurity.

Horizon continues to monitor existing and new privacy and data security laws for their impact on Horizon's business operations, including the applicability of laws such as the European Union's comprehensive 2018 General Data Privacy Regulation to Horizon and its customers.

Interchange Fees for Debit Cards

Under the Dodd-Frank Act, interchange fees for bank card transactions must be reasonable and proportional to the issuer's incremental cost incurred with respect to the transaction plus certain fraud related costs. Interchange fees are transaction fees between banks for each bank card transaction, designed to reimburse the card-issuing bank for the costs of handling and credit risk inherent in a bank credit or debit card transaction. Although institutions with total assets of less than \$10 billion, like the Bank, are exempt from this requirement, competitive pressures are likely to

require smaller depository institutions to reduce fees with respect to these bank card transactions.

Other Regulation

In addition to the matters discussed above, the Bank is subject to additional regulation of its activities, including a variety of consumer protection regulations affecting its lending, deposit and debt collection activities and regulations affecting secondary mortgage market activities. Both federal and state law extensively regulate various aspects of the banking business, such as reserve requirements, truth-in-lending and truth-in-savings disclosures, equal credit opportunity, fair credit reporting, trading in securities and other aspects of banking operations.

Table of Contents**HORIZON BANCORP, INC.*****Effect of Governmental Monetary Policies***

The Bank's earnings are affected by domestic economic conditions and the monetary and fiscal policies of the United States government and its agencies. The Federal Reserve's monetary policies have had, and are likely to continue to have, an important impact on the operating results of commercial banks through its power to implement national monetary policy in order, among other things, to curb inflation or combat a recession. The monetary policies of the Federal Reserve have major effects upon the levels of bank loans, investments and deposits through its open market operations in United States government securities and through its regulation of the discount rate on borrowings of member banks and the reserve requirements against member bank deposits. It is not possible to predict the nature or impact of future changes in monetary and fiscal policies.

Legislative Initiatives

Additional legislative and administrative actions affecting the banking industry may be considered by the United States Congress, state legislatures and various regulatory agencies, including those referred to above such as the 2018 Regulatory Relief Act. Horizon cannot predict with certainty whether such legislative or administrative action will be enacted or the extent to which the banking industry in general or Horizon and its affiliates in particular will be affected.

BANK HOLDING COMPANY STATISTICAL DISCLOSURES**I. DISTRIBUTION OF ASSETS, LIABILITIES AND STOCKHOLDERS' EQUITY; INTEREST RATES AND INTEREST DIFFERENTIAL**

Information required by this section of Securities Act Industry Guide 3 is presented in Management's Discussion and Analysis of Financial Condition and Results of Operations as set forth in Item 7 below, herein incorporated by reference.

II. INVESTMENT PORTFOLIO

A. The following is a schedule of the amortized cost and fair value of investment securities available for sale and held to maturity.

	December 31, 2018		December 31, 2017		December 31, 2016	
(dollars in thousands)	Amortized Cost	Fair Value	Amortized Cost	Fair Value	Amortized Cost	Fair Value
Available for sale						
U.S. Treasury and federal agencies	\$ 16,815	\$ 16,608	\$ 19,277	\$ 19,052	\$ 8,051	\$ 7,989
State and municipal	210,386	209,303	148,045	149,564	117,327	116,592
	187,563	185,003	132,871	130,365	139,040	137,195

Federal agency collateralized mortgage obligations						
Federal agency mortgage-backed pools	183,479	178,736	211,487	208,657	180,183	176,726
Private labeled mortgage-backed pools			1,650	1,642		
Corporate notes	10,666	10,698	272	385	1,238	1,329
Total available for sale	608,909	600,348	513,602	509,665	445,839	439,831
Total held to maturity	210,112	208,273	200,448	201,085	193,194	194,086
Total investment securities	\$ 819,021	\$ 808,621	\$ 714,050	\$ 710,750	\$ 639,033	\$ 633,917

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B. The following is a schedule of maturities of each category of available for sale and held-to-maturity debt securities and the related weighted-average yield of such securities as of December 31, 2018:

(dollars in thousands)	One Year or Less		After One Year Through Five Years		After Five Years Through Ten Years		After Ten Years	
	Amount	Yield	Amount	Yield	Amount	Yield	Amount	Yield
Available for sale								
U.S. Treasury and federal agencies ⁽¹⁾	\$	0.00%	\$ 11,607	2.17%	\$ 5,001	3.36%	\$	0.00%
State and municipal	20,448	2.36%	30,099	2.89%	91,740	4.09%	67,016	4.01%
Federal agency collateralized mortgage obligations ⁽²⁾		0.00%	1,031	2.52%	56,511	2.61%	127,461	3.36%
Federal agency mortgage-backed pools ⁽²⁾	14	4.42%	4,115	2.52%	93,174	2.53%	81,433	2.96%
Private labeled mortgage-backed pools ⁽²⁾		0.00%		0.00%		2.53%		0.00%
Corporate notes		0.00%		0.00%	10,365	3.17%	333	0.00%
Total available for sale	20,462	2.36%	46,852	2.67%	256,791	3.15%	276,243	3.39%
Total held to maturity	70	2.00%	58,405	3.59%	103,326	4.04%	46,472	3.80%
Total investment securities	\$ 20,532	2.36%	\$ 105,257	3.18%	\$ 360,117	3.40%	\$ 322,715	3.45%

(1) Fair value is based on contractual maturity or call date where a call option exists

(2) Maturity based upon final maturity date

The weighted-average interest rates are based on coupon rates for securities purchased at par value and on effective interest rates considering amortization or accretion if the securities were purchased at a premium or discount. Yields are not presented on a tax-equivalent basis.

Excluding those holdings of the investment portfolio in Treasury securities and other agencies and corporations of the U.S. Government, there were no investments in securities of any one issuer that exceeded 10% of the consolidated stockholders' equity of Horizon at December 31, 2018.

III. LOAN PORTFOLIO

A.

Types of Loans Total loans on the balance sheet are comprised of the following classifications for the years indicated.

(dollars in thousands)	December 31 2018	December 31 2017	December 31 2016	December 31 2015	December 31 2014
Commercial	\$ 1,721,590	\$ 1,669,934	\$ 1,069,956	\$ 804,995	\$ 674,314
Real estate	668,141	609,739	531,874	437,144	254,625
Mortgage warehouse	74,120	94,508	135,727	144,692	129,156
Consumer	549,481	460,999	398,429	362,300	320,459
Total loans	3,013,332	2,835,180	2,135,986	1,749,131	1,378,554
Allowance for loan losses	(17,820)	(16,394)	(14,837)	(14,534)	(16,501)
Loans, net	\$ 2,995,512	\$ 2,818,786	\$ 2,121,149	\$ 1,734,597	\$ 1,362,053

B. **Maturities and Sensitivities of Loans to Changes in Interest Rates** The following is a schedule of maturities and sensitivities of loans to changes in interest rates, excluding real estate mortgage, mortgage warehouse and consumer loans, as of December 31, 2018:

(dollars in thousands)	One Year or Less	One Through Five Years	After Five Years	Total
Maturing or repricing Commercial, financial, agricultural and commercial tax-exempt loans	\$ 1,044,106	\$ 621,879	\$ 55,605	\$ 1,721,590

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The following is a schedule of fixed-rate and variable-rate commercial, financial, agricultural and commercial tax-exempt loans due after one year. (Variable-rate loans are those loans with floating or adjustable interest rates.)

(dollars in thousands)	Fixed Rate	Variable Rate
Total commercial, financial, agricultural, and commercial tax-exempt loans due after one year	\$ 464,046	\$ 213,438

C. Risk Elements

Non-accrual, Past Due and Restructured Loans The following schedule summarizes non-accrual, past due and restructured loans.

(dollars in thousands)	December 31 2018	December 31 2017	December 31 2016	December 31 2015	December 31 2014
Non-performing loans					
Commercial					
More than 90 days past due	\$ 208	\$	\$ 183	\$	\$
Non-accrual	6,094	6,902	2,249	5,030	10,024
Trouble debt restructuring - accruing	109	1		60	610
Trouble debt restructuring - non-accrual	492	451		1,915	1,221
Real estate					
More than 90 days past due	180			1	40
Non-accrual	2,846	3,693	2,959	4,354	2,297
Trouble debt restructuring - accruing	1,558	1,672	1,254	808	2,526
Trouble debt restructuring - non-accrual	423	351	809	1,074	1,031
Mortgage warehouse					
More than 90 days past due					
Non-accrual					
Trouble debt restructuring - accruing					
Trouble debt restructuring - non-accrual					
Consumer					
More than 90 days past due	180	167	58	27	75
Non-accrual	2,608	2,681	2,728	2,878	2,991
Trouble debt restructuring - accruing	335	285	238	350	1,236
Trouble debt restructuring - non-accrual	142	211	205	183	391
Total non-performing loans	15,175	16,414	10,683	16,680	22,442

Other real estate owned and repossessed collateral					
Commercial	1,967	578	542	161	411
Real estate	60	200	2,648	3,046	636
Mortgage warehouse					
Consumer	48	60	26		154
Total other real estate owned and repossessed collateral	2,075	838	3,216	3,207	1,201
Total non-performing assets	\$ 17,250	\$ 17,252	\$ 13,899	\$ 19,887	\$ 23,643

(dollars in thousands)

Gross interest income that would have been recorded on non-accrual loans outstanding as of December 31, 2018, in the period if the loans had been current, in accordance with their original terms and had been outstanding throughout the period or since origination if held for part of the period. \$ 835

Interest income actually recorded on non-accrual loans outstanding as of December 31, 2018, and included in net income for the period. 341

Interest income not recognized during the period on non-accrual loans outstanding as of December 31, 2018. \$ 494

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HORIZON BANCORP, INC.

Discussion of Non-Accrual Policy

1. From time to time, the Bank obtains information which may lead management to believe that the collection of payments may be doubtful on a particular loan. In recognition of such, it is management's policy to convert the loan from an earning asset to a non-accruing loan. Further, it is management's policy to place a commercial loan on a non-accrual status when delinquent in excess of 90 days or it has had the accrual of interest discontinued by management. The officer responsible for the loan, the Chief Credit Officer and the senior commercial loan workout officer must review all loans placed on non-accrual status.

2. Potential Problem Loans:

Impaired and non-accrual loans for which the discounted cash flows or collateral value exceeded the carrying value of the loan totaled \$15.2 million and \$16.4 million at December 31, 2018 and 2017. The allowance for impaired and non-accrual loans included in the Bank's allowance for loan losses totaled \$1.0 million and \$184,000 at those respective dates. The average balance of impaired loans during 2018 and 2017 was \$7.4 million and \$3.8 million.

3. Foreign Outstandings:

None.

4. Loan Concentrations:

As of December 31, 2018, there are no significant concentrations of loans exceeding 10% of total loans. See Item III A above for a listing of the types of loans by concentration.

D. Other Interest-Bearing Assets

There are no other interest-bearing assets as of December 31, 2018, which would be required to be disclosed under Item III C.1 or 2 if such assets were loans.

IV. SUMMARY OF LOAN LOSS EXPERIENCE

A. The following is an analysis of the activity in the allowance for loan losses account:

December 31 December 31 December 31 December 31 December 31

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(dollars in thousands)	2018	2017	2016	2015	2014
Loans outstanding at the end of the period ⁽¹⁾	\$ 3,013,332	\$ 2,835,180	\$ 2,135,986	\$ 1,749,131	\$ 1,378,554
Average loans outstanding during the period ⁽¹⁾	2,910,741	2,335,126	1,948,580	1,593,790	1,247,510

⁽¹⁾ Net of unearned income and deferred loan fees

(dollars in thousands)	December 31 2018	December 31 2017	December 31 2016	December 31 2015	December 31 2014
Balance at beginning of the period	\$ 16,394	\$ 14,837	\$ 14,534	\$ 16,501	\$ 15,992
Loans charged-off:					
Commercial	473	629	758	3,437	1,802
Real estate	76	89	213	288	328
Consumer	2,003	1,535	1,689	2,374	1,999
Total loans charged-off	2,552	2,253	2,660	6,099	4,129
Recoveries of loans previously charged-off:					
Commercial	176	298	210	192	773
Real estate	27	44	97	69	21
Consumer	869	998	814	709	786
Total loan recoveries	1,072	1,340	1,121	970	1,580
Net loans charged-off	1,480	913	1,539	5,129	2,549
Provision charged to operating expense	2,906	2,470	1,842	3,162	3,058
Balance at end of the period	\$ 17,820	\$ 16,394	\$ 14,837	\$ 14,534	\$ 16,501
Percent of net charge-offs to average loans outstanding for the period	0.05%	0.04%	0.07%	0.26%	0.16%

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B. The following schedule is a breakdown of the allowance for loan losses allocated by type of loan and the percentage of loans in each category to total loans.

(dollars in thousands)	December 31, 2018		December 31, 2017		December 31, 2016	
	Allowance Amount	% of Loans to Total Loans	Allowance Amount	% of Loans to Total Loans	Allowance Amount	% of Loans to Total Loans
Commercial, financial and agricultural	\$ 10,495	59%	\$ 9,093	56%	\$ 6,579	45%
Real estate	1,676	9%	2,188	13%	2,090	14%
Mortgage warehousing	1,006	6%	1,030	6%	1,254	8%
Consumer	4,643	26%	4,083	25%	4,914	33%
Unallocated						
Total	\$ 17,820	100%	\$ 16,394	100%	\$ 14,837	100%

(dollars in thousands)	December 31, 2015		December 31, 2014	
	Allowance Amount	% of Loans to Total Loans	Allowance Amount	% of Loans to Total Loans
Commercial, financial and agricultural	\$ 7,195	49%	\$ 7,910	48%
Real estate	2,476	17%	2,508	15%
Mortgage warehousing	1,007	7%	1,132	7%
Consumer	3,856	27%	4,951	30%
Unallocated				
Total	\$ 14,534	100%	\$ 16,501	100%

In 1999, Horizon began a mortgage warehousing program. This program is described in Management's Discussion and Analysis of Financial Condition and Results of Operations in Item 7 below and in the Notes to the Consolidated Financial Statements in Item 8 below, which are incorporated herein by reference. The greatest risk related to these loans is transaction and fraud risk. During 2018, Horizon processed approximately \$2.359 billion in mortgage warehouse loans.

V. DEPOSITS

Information required by this section is found in Management's Discussion and Analysis of Financial Condition and Results of Operations in Item 7 below and in the Consolidated Financial Statements and related Notes in Item 8 below, which are incorporated herein by reference.

VI. RETURN ON EQUITY AND ASSETS

Information required by this section is found in Management's Discussion and Analysis of Financial Condition and Results of Operations in Item 7 below and in the Consolidated Financial Statements and related Notes in Item 8 below, which are incorporated herein by reference.

VII. SHORT TERM BORROWINGS

The following is a schedule of statistical information relative to securities sold under agreements to repurchase which are secured by Treasury and U.S. Government agency securities and mature within one year. There were no other categories of short-term borrowings for which the average balance outstanding during the period was 30% or more of stockholders' equity at the end of the period.

(dollars in thousands)	December 31 2018	December 31 2017
Outstanding at year-end	\$ 52,116	\$ 61,097
Approximate weighted-average interest rate at year-end	0.64%	0.25%
Highest amount outstanding as of any month-end during the year	\$ 61,383	\$ 63,081
Approximate average outstanding during the year	51,385	55,206
Approximate weighted-average interest during the year	0.43%	0.21%

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HORIZON BANCORP, INC.

ITEM 1A. RISK FACTORS

An investment in Horizon's securities is subject to risks inherent to our business. The material risks and uncertainties that management believes currently affect Horizon are described below. Before making an investment decision, you should carefully consider these risks as well as information we include or incorporate by reference in this report and other filings we make with the SEC. The risks and uncertainties we have described are not the only ones facing our company. Additional risks and uncertainties not presently known to us or that we currently deem immaterial also may affect our business operations.

If any of these risks or uncertainties materializes or any of these assumptions proves incorrect, our results could differ materially from the forward-looking statements. All forward-looking statements in this report are current only as of the date on which the statements were made. We do not undertake any obligation to publicly update any forward-looking statement to reflect events or circumstances after the date on which any statement is made or to reflect the occurrence of unanticipated events.

Risks Related to Our Business

As a financial institution, we are subject to a number of risks relating to our daily business. Although we undertake a variety of efforts to manage and control those risks, many of the risks are outside of our control. Among the risks we face are the following:

Credit risk: the risk that loan customers or other parties will be unable to perform their contractual obligations;

Market risk: the risk that changes in market rates and prices will adversely affect our financial condition or results of operation;

Liquidity risk: the risk that Horizon or the Bank will have insufficient cash or access to cash to meet its operating needs;

Operational risk: the risk of loss resulting from fraud, inadequate or failed internal processes, cyber-security breaches, people and systems, or external events;

Economic risk: the risk that the economy in our markets could decline resulting in increased unemployment, decreased real estate values and increased loan charge-offs; and

Compliance risk: the risk of additional action by our regulators or additional regulation that could hinder our ability to do business profitably.

The current economic environment poses challenges that could adversely affect our financial condition and results of operations.

For many years, we operated in a challenging and uncertain economic environment due to the volatility and disruption caused by the major recession that began in 2008. The housing market was significantly impacted, several major banks collapsed, and the U.S. economy continued to shrink through the third quarter of 2009, representing the longest downturn since the Great Depression. Now, a decade later, the U.S. economy has been recovering slowly and unevenly. The labor market has seen significant recovery and employment levels are returning to pre-2008 recession levels, but many challenges face the economy going forward, such as elevated pension and medical costs, government budget deficits, and looming escalation of trade conflicts with China and others. In addition, economic growth going forward from 2018 into 2019 has been impacted by the partial government shutdown from December 22, 2018 to January 25, 2019, causing business disruptions from understaffed federal agencies, and loss of income and employment for federal contractors, as well as temporary loss of income for over 800,000 federal employees. In addition, even though the Federal Reserve has indicated that after four interest rate hikes in 2018, it will slow down on raising rates, both the current higher interest rates and the fading impact of the 2017 tax cuts could affect the strength of the economy for 2019. Global and national economic changes will ultimately have local economic impact, and can impact us directly and indirectly. Financial institutions, such as the Bank, retain direct exposure to the residential and commercial real estate markets, and local declines in real estate values, home sales volumes, and loss of confidence in the U.S. economy or loss of employment by borrowers, could have an adverse effect on our financial condition and results of operations. In general, any loss confidence in the U.S. or local economy could cause financial stress on borrowers and their customers, driving losses beyond that which is provided in our allowance for loan losses and potentially resulting in the following additional consequences: increases in loan delinquencies, problem assets and foreclosures; declining demand for our products and services; decreased deposits, which would negatively impact our liquidity position; and declining asset and collateral values associated with our existing loans, reducing a customer's borrowing power and our security for the loans.

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HORIZON BANCORP, INC.

We face intense competition in all phases of our business from other banks, financial institutions and non-banks.

The banking and financial services business in most of our markets is highly competitive. Our competitors include large regional banks, local community banks, savings and loan associations, securities and brokerage companies, mortgage companies, insurance companies, finance companies, money market mutual funds, credit unions and other non-bank financial and digital service providers, many of which have greater financial, marketing and technological resources than us. Many of these competitors are not subject to the same regulatory restrictions that we are and may be able to compete more effectively as a result.

Also, technology and other changes have lowered barriers to entry and made it possible for customers to complete financial transactions using non-banks that historically have involved banks at one or both ends of the transaction. Non-banks now offer products and services traditionally provided by banks. The wide acceptance of Internet-based commerce has resulted in a number of alternative payment processing systems and lending platforms in which banks play only minor roles. For example, consumers can maintain funds that would have historically been held as bank deposits in brokerage accounts or mutual funds. Consumers can also complete transactions such as paying bills and/or transferring funds directly without the assistance of banks. Use of emerging alternative payment platforms, such as Apple Pay or Bitcoin or other cryptocurrencies, can alter consumer credit card behavior and consequently impact our interchange fee income.

The process of eliminating banks as intermediaries, known as disintermediation, could result in the loss of fee income, as well as the loss of customer deposits and the related income generated from those deposits. The effects of disintermediation can also impact the lending business because of the fast growing body of financial technology companies that use software to deliver mortgage lending and other financial services. A related risk is the migration of bank personnel away from the traditional bank environments into financial technology companies and other non-banks.

Increased competition in our market may result in a decrease in the amounts of our loans and deposits, reduced spreads between loan rates and deposit rates or loan terms that are more favorable to the borrower. Any of these results could have a material adverse effect on our ability to maintain our earnings record, grow our loan portfolios and obtain low-cost funds. If increased competition causes us to significantly discount the interest rates we offer on loans or increase the amount we pay on deposits, our net interest income could be adversely impacted. If increased competition causes us to relax our underwriting standards, we could be exposed to higher losses from lending activities. Additionally, many of our competitors are larger in total assets and capitalization, have greater access to capital markets and offer a broader range of financial services than we can offer.

Annually, the number of banks and the number of bank branches continues to decrease, which decreases the opportunities to expand through acquisitions. Horizon is also experiencing an increase in competition to acquire other banks, due to the overall strength of financial institutions and their high capital levels. In addition, credit unions are now actively pursuing small bank acquisitions within our markets. Increased competition for bank acquisitions may slow Horizon's ability to grow earning assets at comparable historical growth rates.

Our commercial and consumer loans expose us to increased credit risks.

We have a large percentage of commercial and consumer loans. Commercial loans generally have greater credit risk than residential mortgage loans because repayment of these loans often depends on the successful business operations of the borrowers. These loans also typically have much larger loan balances than residential mortgage loans. Consumer loans generally involve greater risk than residential mortgage loans because they are unsecured or secured by assets that depreciate in value. Although we undertake a variety of underwriting, monitoring and reserving protections with respect to these types of loans, there can be no guarantee that we will not suffer unexpected losses.

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HORIZON BANCORP, INC.

Our holdings of construction, land and home equity loans may pose more credit risk than other types of mortgage loans.

Construction loans, loans secured by commercial real estate and home equity loans generally entail more risk than other types of mortgage loans. When real estate values decrease, the developers to whom we lend are likely to experience a decline in sales of new homes from their projects. Land and construction loans are more likely to become non-performing as developers are unable to build and sell homes in volumes large enough for orderly repayment of loans and as other owners of such real estate (including homeowners) are unable to keep up with their payments. We strive to establish what we believe are adequate reserves on our financial statements to cover the credit risk of these loan portfolios. However, there can be no assurance that losses will not exceed our reserves, and ultimately result in a material level of charge-offs, which could adversely impact our results of operations, liquidity and capital.

The allowance for loan losses may prove inadequate or be negatively affected by credit risk exposures.

Our business depends on the creditworthiness of our customers. We periodically review the allowance for loan and lease losses for adequacy considering economic conditions and trends, collateral values, and credit quality indicators, including past charge-off experience and levels of past due loans and non-performing assets. There is no certainty that the allowance for loan losses will be adequate over time to cover credit losses in the portfolio because of unanticipated adverse changes in the economy, market conditions or events adversely affecting specific customers, industries or markets. If the credit quality of the customer base materially decreases, if the risk profile of a market, industry or group of customers changes materially, or if the allowance for loan losses is not adequate, our business, financial condition, liquidity, capital, and results of operations could be materially adversely affected.

Changes in market interest rates could adversely affect our financial condition and results of operations.

Our financial condition and results of operations are significantly affected by changes in market interest rates. We can neither predict with certainty nor control changes in interest rates. These changes can occur at any time and are affected by many factors, including international, national, regional and local economic conditions, competitive pressures and monetary policies of the Federal Reserve.

Our results of operations depend substantially on our net interest income, which is the difference between the interest income that we earn on our interest-earning assets and the interest expense that we pay on our interest-bearing liabilities. Our profitability depends on our ability to manage our assets and liabilities during periods of changing market interest rates. If rates increase rapidly as a result of an improving economy, we may have to increase the rates paid on our deposits and borrowed funds more quickly than loans and investments re-price, resulting in a negative impact on interest spreads and net interest income. The impact of rising rates could be compounded if deposit customers flow funds away from us into direct investments, such as U.S. Government bonds, corporate securities and other investment vehicles, including mutual funds, which, because of the absence of federal insurance premiums and reserve requirements, generally pay higher rates of return than those offered by financial institutions such as ours. These consequences and consumer reactions may be more likely to occur during a future rise in interest rates as a result of, and in reaction to, the historically low interest rates that persisted for an extended period of time from 2008 until the rates started to rise again slowly in late 2015. In other words, historical consumer behavior may not be a reliable predictor of future consumer behavior in a period of rising interest rates (such as 2018, with four interest rate increases), resulting in a larger outflow of deposits or a higher level of loan prepayments than we would expect. In

either case, our deposit costs may increase and our loan interest income may decline, either or both of which may have an adverse effect on our financial results.

Changes in interest rates also could affect loan volume. For instance, an increase in interest rates could cause a decrease in the demand for mortgage loans (and other loans), which could result in a significant decline in our revenue stream.

Conversely, should market interest rates fall below current levels, our net interest margin could also be negatively affected, as competitive pressures could keep us from further reducing rates on our deposits, and prepayments and curtailments on assets may continue. Such movements may cause a decrease in our interest rate spread and net interest margin, and therefore, decrease our profitability.

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HORIZON BANCORP, INC.

We also are subject to reinvestment risk associated with changes in interest rates. Changes in interest rates may affect the average life of loans and mortgage-related securities. Increases in interest rates may decrease loan demand and/or may make it more difficult for borrowers to repay adjustable rate loans. Decreases in interest rates often result in increased prepayments of loans and mortgage-related securities, as borrowers refinance their loans to reduce borrowing costs. Under these circumstances, we are subject to reinvestment risk to the extent that we are unable to reinvest the cash received from such prepayments in loans or other investments that have interest rates that are comparable to the interest rates on existing loans and securities.

An economic slowdown in our primary market areas could affect our business.

Our primary market area for deposits and loans consists of Northern and Central Indiana and the Southern, Central and Great Lakes Bay regions of Michigan. An economic slowdown could hurt our business and the possible consequences of such a downturn could include the following:

increases in loan delinquencies and foreclosures;

declines in the value of real estate and other collateral securing loans;

an increase in loans charged off;

an increase in the Company's expense to fund loan loss reserves;

an increase in collection costs;

a decline in the demand for our products and services, and;

an increase in non-accrual loans and other real estate owned.

The loss of key members of our senior management team and our lending teams could affect our ability to operate effectively.

We depend heavily on the services of our existing senior management team, particularly our CEO Craig M. Dwight, to carry out our business and investment strategies. As we continue to grow and expand our business and our locations, products and services, we will increasingly need to rely on Mr. Dwight's experience, judgment and expertise as well as that of the other members of our senior management team. We also depend heavily on our experienced and effective lending teams and their respective special market insights, including, for example, our agricultural lending specialists. In addition to the importance of retaining our lending team, we will also need to continue to attract and

retain qualified banking personnel at all levels. Competition for such personnel is intense in our geographic market areas. If we are unable to attract and retain an effective lending team and other talented people, our business could suffer. The loss of the services of any senior management personnel, particularly Mr. Dwight, or the inability to recruit and retain qualified lending and other personnel in the future, could have a material adverse effect on our consolidated results of operations, financial condition and prospects.

Potential acquisitions may disrupt our business and dilute stockholder value.

We periodically evaluate merger and acquisition opportunities and conduct due diligence activities related to possible transactions with other financial institutions and financial services companies. We generally seek merger or acquisition partners that are culturally similar and possess either significant market presence or have potential for improved profitability through financial management, economies of scale or expanded services. Acquiring other banks, businesses, or branches involves various risks commonly associated with acquisitions, including, among other things:

potential exposure to unknown or contingent liabilities of the target company;

exposure to potential asset quality issues of the target company;

potential disruption to our business;

potential diversion of our management's time and attention away from day-to-day operations;

the possible loss of key employees, business and customers of the target company;

difficulty in estimating the value of the target company, and;

potential problems in integrating the target company's systems, customers and employees with ours.

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HORIZON BANCORP, INC.

As a result, merger or acquisition discussions and, in some cases, negotiations may take place and future mergers or acquisitions involving the payment of cash or the issuance of our debt or equity securities may occur at any time. Acquisitions typically involve the payment of a premium over book and market values, and, therefore, some dilution of our tangible book value and net income per common share may occur in connection with any future transaction. To the extent we were to issue additional common shares in any such transaction, our current shareholders would be diluted and such an issuance may have the effect of decreasing our stock price, perhaps significantly. Furthermore, failure to realize the expected revenue increases, cost savings, increases in geographic or product presence, and/or other projected benefits from an acquisition could have a material adverse effect on our financial condition and results of operations.

In addition, merger and acquisition costs incurred by Horizon may temporarily increase operating expenses.

We may need to raise additional capital in the future, and such capital may not be available when needed or at all.

We may need to raise additional capital in the future to fund acquisitions and to provide us with sufficient capital resources and liquidity to meet our commitments, regulatory capital requirements and business needs, particularly if our asset quality or earnings were to deteriorate significantly. Although we are currently, and have historically been, well capitalized for regulatory purposes, in the past we have been required to maintain increased levels of capital in connection with certain acquisitions. Additionally, we periodically explore acquisition opportunities with other financial institutions, some of which are in distressed financial condition. Any future acquisition, particularly the acquisition of a significantly troubled institution or an institution of comparable size to us, may require us to raise additional capital in order to obtain regulatory approval and/or to remain well capitalized.

Our ability to raise additional capital, if needed, will depend on, among other things, conditions in the capital markets at that time, which are outside of our control, and our financial performance. Economic conditions and the loss of confidence in financial institutions may increase our cost of funding and limit access to certain customary sources of capital, including inter-bank borrowings, repurchase agreements and borrowings from the discount window of the Federal Reserve.

We cannot guarantee that such capital will be available on acceptable terms or at all. Any occurrence that may limit our access to the capital markets, such as a decline in the confidence of debt purchasers, our depositors or counterparties participating in the capital markets, may adversely affect our capital costs and our ability to raise capital and, in turn, our liquidity. Moreover, if we need to raise capital in the future, we may have to do so when many other financial institutions are also seeking to raise capital and would have to compete with those institutions for investors. An inability to raise additional capital on acceptable terms when needed could have a materially adverse effect on our business, financial condition and results of operations and may restrict our ability to grow.

The preparation of our financial statements requires the use of estimates that may vary from actual results.

The preparation of consolidated financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make significant estimates that affect the financial statements. One of our most critical estimates is the level of the allowance for loan losses. Due to the inherent nature of these estimates, we cannot provide absolute assurance that we will not have to increase the allowance for loan losses and/or sustain loan losses that are significantly higher than the provided allowance.

Our mortgage warehouse and indirect lending operations are subject to a higher fraud risk than our other lending operations.

We buy loans originated by mortgage bankers and automobile dealers. Because we must rely on the mortgage bankers and automobile dealers in making and documenting these loans, there is an increased risk of fraud to us on the part of the third-party originators and the underlying borrowers. In order to guard against this increased risk, we perform investigations on the mortgage companies with whom we do business, and we review the loan files and loan documents we purchase to attempt to detect any irregularities or legal noncompliance. However, there is no guarantee that our procedures will detect all cases of fraud or legal noncompliance.

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HORIZON BANCORP, INC.

Our mortgage lending profitability could be significantly reduced if we are not able to resell mortgages at a reasonable gain on sale or experience other problems with the secondary market process or we are unable to retain our mortgage loan sales force due to regulatory changes.

Currently, we sell a substantial portion of the mortgage loans we originate. The profitability of our mortgage banking operations depends in large part upon our ability to aggregate a high volume of loans and to sell them in the secondary market at a gain. Thus, we are dependent upon the existence of an active secondary market and our ability to profitably sell loans into that market.

Our ability to sell mortgage loans readily is dependent upon the availability of an active secondary market for single-family mortgage loans, which in turn depends in part upon the continuation of programs currently offered by Fannie Mae, Freddie Mac and Ginnie Mae (the Agencies) and other institutional and non-institutional investors. These entities account for a substantial portion of the secondary market in residential mortgage loans. Some of the largest participants in the secondary market, including the Agencies, are government-sponsored enterprises whose activities are governed by federal law. Any future changes in laws that significantly affect the activity of such government-sponsored enterprises could, in turn, adversely affect our operations.

In September 2008, Fannie Mae and Freddie Mac were placed into conservatorship by the U.S. government. Although to date, the conservatorship has not had a significant or adverse effect on our operations, and during 2010 and 2012 the Federal Housing Finance Agency indicated that the Treasury Department is committed to fund Fannie Mae and Freddie Mac to levels needed in order to sufficiently meet their funding needs, it is currently unclear whether further changes would significantly and adversely affect our operations. Members of the present federal administration have expressed an intent to seek an end to the conservatorship and to privatize the Agencies, and it is unclear how that might impact us. In addition, our ability to sell mortgage loans readily is dependent upon our ability to remain eligible for the programs offered by the Agencies and other institutional and non-institutional investors. Our ability to remain eligible may also depend on having an acceptable peer-relative delinquency ratio for the Federal Housing Administration (FHA) and maintaining a delinquency rate with respect to Ginnie Mae pools that are below Ginnie Mae guidelines. In the case of Ginnie Mae pools, we have repurchased delinquent loans from them in the past to maintain compliance with the minimum required delinquency ratios. Although these loans are typically insured as to principal by the FHA, such repurchases increase our capital and liquidity needs, and there can be no assurance that we will have sufficient capital or liquidity to continue to purchase such loans out of the Ginnie Mae pools if required to do so.

Any significant impairment of our eligibility with any of the Agencies could materially and adversely affect our operations. Further, the criteria for loans to be accepted under such programs may be changed from time-to-time by the sponsoring entity which could result in a lower volume of corresponding loan originations. The profitability of participating in specific programs may vary depending on a number of factors, including our administrative costs of originating and purchasing qualifying loans and our costs of meeting such criteria.

Our mortgage lending profitability could be significantly reduced as changes in interest rates could affect mortgage origination volume and pricing for selling mortgages on the secondary market.

Currently, we sell a substantial portion of the mortgage loans we originate. The profitability of our mortgage banking operations depends in large part upon our ability to originate and sell mortgages to the secondary market at a gain.

A higher interest rate environment can negatively affect the volume of loan originations and refinanced loans reducing the dollar amount of loans available to be sold to the secondary market. Higher interest rates can also negatively affect the premium received on loans sold to the secondary market as competitive pressures to originate loans can reduce pricing.

We are exposed to intangible asset risk in that our goodwill may become impaired.

As of December 31, 2018, we had \$130.3 million of goodwill and other intangible assets. A significant and sustained decline in our stock price and market capitalization, a significant decline in our expected future cash flows, a significant adverse change in the business climate, or slower growth rates could result in impairment of goodwill. If we were to conclude that a future write-down of our goodwill is necessary, then we would record the appropriate charge, which could be materially adverse to our operating results and financial position. For further discussion, see Notes 1 and 11, Nature of Operations and Summary of Significant Accounting Policies and Goodwill and Intangible Assets, to the Consolidated Financial Statements included in Item 8 of our Annual Report on Form 10-K for the year ended December 31, 2018.

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HORIZON BANCORP, INC.

We are subject to extensive regulation and changes in laws and regulatory policies could adversely affect our business.

Our operations are subject to extensive regulation by federal agencies. See Regulation and Supervision in the description of our Business in Item 1 of Part I of this report for detailed information on the laws and regulations to which we are subject. Changes in applicable laws, regulations or regulator policies can materially affect our business. The likelihood of any major changes in the future and their effects are impossible to determine. As an example, the Bank could experience higher credit losses because of federal or state legislation or by regulatory or bankruptcy court action that reduces the amount the Bank's borrowers are otherwise contractually required to pay under existing loan contracts. Also, the Bank could experience higher credit losses because of federal or state legislation or regulatory action that limits its ability to foreclose on property or other collateral or makes foreclosure less economically feasible.

We face other risks from recent actions of the U.S. Treasury and the Internal Revenue Service. In November 2016, these agencies issued a Notice making captive insurance company activities transactions of interest due to the potential for tax avoidance or evasion. We have a captive insurance company and it is not certain at this point how the Notice may impact us on our operation of the captive insurance company as a risk management tool.

Legislation enacted in recent years, together with additional actions announced by the U.S. Treasury and other regulatory agencies, continue to develop. It is not clear at this time what impact legislation and liquidity and funding initiatives of the U.S. Treasury and other bank regulatory agencies, and additional programs that may be initiated in the future, will have on the financial markets and the financial services industry.

The full impact of the Tax Cuts and Jobs Act on us and our customers is unknown at present, creating uncertainty and risk related to our customers future demand for credit and our future results.

On December 22, 2017, President Trump signed the Tax Cuts and Jobs Act (the Tax Reform Act), which introduced broad and complex tax reforms. Among other changes, the Tax Reform Act reduced the corporate tax rate for 2018 and limited the utilization of net operating losses to offset taxable income. As a result, during the fourth quarter of 2017, Horizon recognized an increase in income tax expense because of a \$2.4 million adjustment of Horizon's net deferred tax assets to the new corporate rate. Many aspects of the Tax Reform Act were clarified during 2018 by the U.S. Treasury and the Internal Revenue Service. As additional clarification and implementation guidance is issued on the Tax Reform Act, we may need to make further adjustments, which could have an impact on our earnings.

Increased economic activity expected to result from the decrease in tax rates on businesses generally could spur additional economic activity that would encourage additional borrowing. At the same time, some customers may elect to use their additional cash flow from lower taxes to fund their existing levels of activity, decreasing borrowing needs. The limitations on the federal income tax deductibility of business interest expense (subject to new proposed regulations announced in November 2018) may affect a significant number of our customers, effectively increasing the cost of borrowings and making equity or hybrid funding relatively more attractive. This could have a long-term negative impact on business customer borrowing. We experienced an increase in our after-tax net income available to stockholders in 2018, and anticipate an increase in future years as a result of the decrease in our effective tax rate. Some or all of this benefit could be lost to the extent that the banks and financial services companies we compete with elect to lower interest rates and fees and we are forced to respond in order to remain competitive. There is no

assurance that presently anticipated benefits of the Tax Reform Act for the Company will be realized.

In addition, the Tax Reform Act could have an impact on how we compensate our executives due to amendments affecting the deductibility of certain executive compensation, and it could also prompt tax changes at the state level that could impact us.

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HORIZON BANCORP, INC.

In short, the Tax Reform Act may have wide-ranging, unexpected and material effects on our business practices, financial condition and results of operations, and we are not able to predict all of these effects at this time.

In the long-term, U.S. corporate tax rates may increase and therefore would have an adverse impact on earnings.

Our inability to continue to process large volumes of transactions accurately could adversely impact our business and financial results.

We process large volumes of transactions on a daily basis and are exposed to numerous types of operational risk. Operational risk resulting from inadequate or failed internal processes, people and systems includes the risk of fraud by persons inside or outside Horizon, the execution of unauthorized transactions by employees, errors relating to transaction processing and systems, and breaches of the internal control system and compliance requirements. This risk of loss also includes the potential legal actions that could arise as a result of the operational deficiency or as a result of noncompliance with applicable regulatory standards. Accordingly, if systems of internal control should fail to work as expected, if systems are used in an unauthorized manner, or if employees subvert the system of internal controls, significant losses could result.

We establish and maintain systems of internal operational controls that are designed to provide us with timely and accurate information about our level of operational risk. While not foolproof, these systems have been designed to manage operational risk at appropriate, cost-effective levels. Procedures also exist that are designed to ensure that policies relating to conduct, ethics and business practices are followed. If these systems fail, significant losses could result.

While we continually monitor and improve the system of internal controls, data processing systems and corporate-wide processes and procedures, there can be no assurance that future losses will not occur.

Our information systems may experience cyber-attacks or an interruption or breach in security. Our cybersecurity systems could be inadequate or fail.

We rely heavily on internal and outsourced technologies, communications, and information systems to conduct our business. Additionally, in the normal course of business, we collect, process and retain sensitive and confidential information regarding our customers. As our reliance on technology has increased, so have the potential risks of a technology-related operation interruption (such as disruptions in our customer relationship management, general ledger, deposit, loan, or other systems) or the occurrence of cyber-attacks (such as unauthorized access to our systems, computer viruses or other malicious code). These risks have increased for all financial institutions as new technologies, including the use of the Internet and telecommunications technologies (including mobile devices), have become commonly used to conduct financial and other business transactions, during a time of increased technological sophistication of organized crime, perpetrators of fraud, hackers, terrorists and others. In addition to cyber-attacks or other security breaches involving the theft of sensitive and confidential information, hackers recently have engaged in attacks against large financial institutions, particularly denial of service attacks, that are designed to disrupt key business services, such as customer-facing web sites. We are not able to anticipate or implement effective preventive measures against all security breaches of these types, especially because the techniques used change frequently and because attacks can originate from a wide variety of sources, both domestic and foreign. However, we have analyzed and will continue to analyze security related to device-specific considerations, user access topics,

transaction-processing and network integrity.

We also face risks related to cyber-attacks and other security breaches in connection with credit card and debit card transactions that typically involve the transmission of sensitive information regarding our customers through various third parties, including merchant acquiring banks, payment processors, payment card networks and our processors. Some of these parties have in the past been the target of security breaches and cyber-attacks, and because the transactions involve third parties and environments such as the point of sale that we do not control or secure, future security breaches or cyber-attacks affecting any of these third parties could impact us through no fault of our own, and in some cases we may have exposure and suffer losses for breaches or attacks relating to them. Further cyber-attacks or other breaches in the future, whether affecting us or others, could intensify consumer concern and regulatory focus and result in reduced use of payment cards and increased costs, all of which could have a material adverse effect on our business.

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HORIZON BANCORP, INC.

To the extent we are involved in any future cyber-attacks or other breaches, we may be required to expend significant additional resources to modify our protective measures or to investigate and remediate vulnerabilities or other exposures, and we may be subject to litigation and financial losses that are either not insured against or not fully covered through any insurance we maintain. We could also suffer significant damage to our reputation. Although we are insured against many of these risks, including privacy breach response costs, notification expenses, breach support and credit monitoring expenses, cyber extortion and cyber terrorism, there can be no assurances that such insurance will be sufficient to cover all costs arising from a data or information technology breach and our exposure may exceed our coverage.

We continually encounter technological changes.

The financial services industry is continually undergoing rapid technological change with frequent introductions of new technology-driven products and services. The effective use of technology increases efficiency and enables financial institutions to better serve customers and to reduce costs. Our future success depends, in part, upon our ability to address the needs of our customers by using technology to provide products and services that will satisfy customer demands, as well as to create additional efficiencies in our operations. Many of our competitors have substantially greater resources to invest in technological improvements, and we may not be able to effectively implement new technology-driven products and services or be successful in marketing these products and services to our customers. Failure to successfully keep pace with technological change affecting the financial services industry could have a material adverse impact on our business and, in turn, our financial condition and results of operations.

We rely on other companies to provide key components of our business infrastructure.

Third-party vendors provide key components of our business infrastructure, including Internet connections, mobile and internet banking, statement processing, loan document preparation, network access and transaction and other processing services. Although we have selected these third-party vendors carefully, we do not control their actions. Any problems caused by these third parties, including as a result of inadequate or interrupted service or breach of customer information, could adversely affect our ability to deliver products and services to our customers and otherwise to conduct our business. In addition, any breach in customer information could affect our reputation and cause a loss of business. Replacing these third-party vendors also could result in significant delay and expense.

Damage to our reputation could damage our business.

Our business depends upon earning and maintaining the trust and confidence of our customers, investors and employees. Damage to our reputation could cause significant harm to our business and prospects. Harm to our reputation can arise from numerous sources, including, among others, employee misconduct, compliance failures, litigation or regulatory outcomes or governmental investigations. In addition, a failure to deliver appropriate standards of service and quality, or a failure or perceived failure to treat customers and clients fairly, can result in customer dissatisfaction, litigation, privacy breach and heightened regulatory scrutiny, all of which can lead to lost revenue, higher operating costs and harm to our reputation. Adverse publicity about Horizon, whether or not true, may result in harm to our existing business, customer relationships and prospects. Should any events or factors that can undermine our reputation occur, there is no assurance that the additional costs and expenses that we may need to incur to address the issues giving rise to the reputational harm would not adversely affect our earnings and results of operations.

The soundness of other financial institutions could adversely affect us.

Financial services institutions are interrelated as a result of trading, clearing, counterparty, or other relationships. We have exposure to many different industries and counterparties, and we routinely execute transactions with counterparties in the financial services industry, including brokers and dealers, commercial banks, investment banks, mutual and hedge funds, and other institutional clients. Many of these transactions expose us to credit risk in the event of default by our counterparty or client. In addition, our credit risk may be exacerbated when the collateral held by us cannot be realized or is liquidated at prices not sufficient to recover the full amount of the loan or derivative exposure due us. There is no assurance that any such losses would not materially and adversely affect our results of operations or earnings.

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HORIZON BANCORP, INC.

Loss of income due to payment systems leaving the banking industry.

As technology continues to improve there is an increasing erosion of banks processing payments to Fintech companies, such as Amazon, Walmart and Paypal, to name a few. As banks lose transaction processing volume we may experience a decline in deposits and related fee income. In addition, an increase in the usage of crypto currencies will diminish the need for banks and their related payment systems.

Risks Related to our Common Stock

The price of our common stock may fluctuate significantly, and this may make it difficult for you to resell our common stock at times or at prices you find attractive.

Although our common stock is listed on the NASDAQ Global Select Market, our stock price constantly changes, and we expect our stock price to continue to fluctuate in the future. Our stock price is impacted by a variety of factors, some of which are beyond our control.

These factors include:

variations in our operating results or the quality of our assets;

operating results that vary from the expectations of management, securities analysts and investors;

increases in loan losses, non-performing loans and other real estate owned;

changes in the U.S. corporate tax rates;

changes in expectations as to our future financial performance;

announcements of new products, strategic developments, new technology, acquisitions and other material events by us or our competitors;

ability to fund Horizon's assets through core deposits and/or wholesale funding;

the operating and securities price performance of other companies that investors believe are comparable to us;

our inclusion on the Russell 3000 or other indices;

actual or anticipated sales of our equity or equity-related securities;

our past and future dividend practice;

our creditworthiness;

interest rates;

the credit, mortgage and housing markets, and the markets for securities relating to mortgages or housing;

developments with respect to financial institutions generally; and

economic, financial, geopolitical, regulatory, congressional or judicial events that affect us or the financial markets.

In addition the stock market in general has experienced price and volume fluctuations. This volatility has had a significant effect on the market price of securities issued by many companies and particularly those in the financial services and banking sector, including for reasons unrelated to their operating performance. These broad market fluctuations may adversely affect our stock price, notwithstanding our operating results.

Because our stock is moderately traded, it may be more difficult for you to sell your shares or buy additional shares when you desire to do so and the price may be volatile.

Although our common stock has been listed on the NASDAQ stock market since December 2001, our common stock is moderately traded. The prices of moderately traded stocks, such as ours, can be more volatile than stocks traded in a large, active public market and can be more easily impacted by sales or purchases of large blocks of stock. Moderately traded stocks are also less liquid, and because of the low volume of trades, you may be unable to sell your shares when you desire to do so.

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HORIZON BANCORP, INC.

Provisions in our articles of incorporation, our by-laws, and Indiana law may delay or prevent an acquisition of us by a third party.

Our articles of incorporation and by-laws and Indiana law contain provisions that have certain anti-takeover effects. While the purpose of these provisions is to strengthen the negotiating position of the board of directors in the event of a hostile takeover attempt, the overall effects of these provisions may be to render more difficult or discourage a merger, tender offer or proxy contest, the assumption of control by a holder of a larger block of our shares, and the removal of incumbent directors and key management.

Our articles of incorporation provide for a staggered board, which means that only one-third of our board can be replaced by shareholders at any annual meeting. Our articles also provide that our directors may only be removed without cause by shareholders owning 70% or more of our outstanding common stock.

Our articles also preempt Indiana law with respect to business combinations with a person who acquires 10% or more of our common stock and provide that such transactions are subject to independent and super-majority shareholder approval requirements unless certain pricing and board pre-approval requirements are satisfied.

Our by-laws do not permit cumulative voting of shareholders in the election of directors, allowing the holders of a majority of our outstanding shares to control the election of all our directors, and our directors are elected by plurality (not majority) voting. Our by-laws also establish detailed procedures that shareholders must follow if they desire to nominate directors for election or otherwise present issues for consideration at a shareholders meeting. We also have a maximum age for new directors and a mandatory retirement age for directors.

These and other provisions of our governing documents and Indiana law are intended to provide the board of directors with the negotiating leverage to achieve a more favorable outcome for our shareholders in the event of an offer for the Company. However, there is no assurance that these same anti-takeover provisions could not have the effect of delaying, deferring or preventing a transaction or a change in control that might be in the best interest of our shareholders.

ITEM 1B. UNRESOLVED STAFF COMMENTS

Not applicable.

Table of Contents**HORIZON BANCORP, INC.****ITEM 2. PROPERTIES**

The main office and full service branch of Horizon and the Bank is located at 515 Franklin Street, Michigan City, Indiana. The building located across the street from the main office of Horizon and the Bank, at 502 Franklin Street, houses the credit administration, operations, facilities and purchasing, and information technology departments of the Bank. In addition to these principal facilities, the Bank has 62 sales offices located at:

113 West First Street	Wanatah	Indiana
3631 Franklin Street	Michigan City	Indiana
1500 West Lincolnway	La Porte	Indiana
423 South Roosevelt Street	Chesterton	Indiana
4208 North Calumet Avenue	Valparaiso	Indiana
2650 Willowcreek Road	Portage	Indiana
8590 Broadway	Merrillville	Indiana
1909 East Bristol Street	Elkhart	Indiana
902 East Lincolnway	Valparaiso	Indiana
10429 Calumet Avenue	Munster	Indiana
17400 State Road 23	South Bend	Indiana
455 Morthland Drive	Valparaiso	Indiana
302 North Alabama Street	Indianapolis	Indiana
1216 West Carmel Drive	Carmel	Indiana
1321 119 th Street	Whiting	Indiana
1349 Calumet Avenue	Hammond	Indiana
1300 North Main Street	Crown Point	Indiana
420 North Morton Street	Franklin	Indiana
151 Marlin Drive	Greenwood	Indiana
507 Three Notch Lane	Bargersville	Indiana
942 South US 31	Greenwood	Indiana
105 North Main Street	Avilla	Indiana
116 West Mitchell Street	Kendallville	Indiana
212 West 7 th Street	Auburn	Indiana
1212 South Randolph Street	Garrett	Indiana
114 South Detroit Street	Lagrange	Indiana
123-129 South Main Street	Columbia City	Indiana
303 Defiance Street	Howe	Indiana
625 South Wayne Street	Waterloo	Indiana
210 West Lake Street	Topeka	Indiana
22730 Main Street	Woodburn	Indiana
102 East Main Street	Mentone	Indiana
433 Anchorage Road	Warsaw	Indiana
2102 East Center Street	Warsaw	Indiana
200 Main Street	Leesburg	Indiana

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411 South Huntington Street	Syracuse	Indiana
710 Indiana Avenue	La Porte	Indiana
6959 West Johnson Road	La Porte	Indiana
301 Boyd Boulevard	La Porte	Indiana
1 Parkman Drive	Westville	Indiana
2 South Perry Street	Attica	Indiana
307 East Jackson Street	Attica	Indiana
301 South Street	Lafayette	Indiana
1980 Northwestern Avenue	West Lafayette	Indiana
3602 Cougill Lane	Lafayette	Indiana
2134 Greenbush Street	Lafayette	Indiana

Table of Contents**HORIZON BANCORP, INC.**

44 S 8 th Street	Noblesville	Indiana
811 Ship Street	St. Joseph	Michigan
2608 Niles Road	St. Joseph	Michigan
1041 East Napier Avenue	Benton Harbor	Michigan
3250 West Centre Avenue	Portage	Michigan
250 Pearl Street NW	Grand Rapids	Michigan
500 West Buffalo Street	New Buffalo	Michigan
6801 US Highway 12	Three Oaks	Michigan
1600 Abbott Road	East Lansing	Michigan
2151 West Grand River Avenue	Okemos	Michigan
15534 US 12	Union	Michigan
500 North Grand Street	Schoolcraft	Michigan
1213 West Michigan Avenue	Three Rivers	Michigan
5710 Eastman Avenue	Midland	Michigan
118 Ashman Street	Midland	Michigan
464 North Main Street	Frankenmuth	Michigan

Horizon owns all of these facilities except for the East Lansing, Michigan office located at 1600 Abbot Road and the Grand Rapids, Michigan office located at 250 Pearl Street NW, which are leased. The Bank also has three loan production offices which are located at:

10020 Auburn Park Drive	Fort Wayne	Indiana
200 East Big Beaver Road	Troy	Michigan
77 E 8 th Street	Holland	Michigan

Horizon leases the Fort Wayne, Indiana office located at 10020 Auburn Park Drive and the Troy, Michigan office located at 200 East Big Beaver Road.

ITEM 3. LEGAL PROCEEDINGS

Horizon and its subsidiaries are involved in various legal proceedings incidental to the conduct of their business. Management does not expect that the outcome of any such proceedings will have a material adverse effect on our consolidated financial position or results of operations.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

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HORIZON BANCORP, INC.

SPECIAL ITEM: EXECUTIVE OFFICERS OF REGISTRANT

Craig M. Dwight	62	Chairman of Horizon since July 2014; Chairman and Chief Executive Officer of the Bank since January 2003; Chief Executive Officer of Horizon and the Bank since July 2001; President of the Bank from 1998 to January 2003.
James D. Neff	59	President of Horizon and the Bank since January 2018; Executive Vice President Consumer and Mortgage Banking of the Bank from 2016 to January 2018; Executive Vice President Mortgage Banking of the Bank from January 2004 to 2016; Senior Vice President of the Bank from October 1999 to January 2004; Corporate Secretary of Horizon from 2007 to 2017.
Mark E. Secor	52	Executive Vice President of Horizon since January 2014; Chief Financial Officer and Executive Vice President of Horizon and the Bank since January 2009; Vice President, Chief Investment and Asset Liability Manager from June 2007 to January 2009; Chief Financial Officer of St. Joseph Capital Corp., Mishawaka, Indiana from 2004 to 2007.
Kathie A. DeRuiter	57	Executive Vice President of Horizon and Senior Bank Operations Officer since January 2014; Senior Vice President, Senior Bank Operations Officer from January 2003 to January 2014; Vice President, Senior Bank Operations Officer from January 2000 to January 2003.
Dennis J. Kuhn	59	Executive Vice President and Chief Commercial Banking Officer since October 2017; Regional Market President for Michigan and Northeast Indiana from February 2014 to October 2017; Chair of the Regional Loan Committee; Market President for Kalamazoo, Michigan from May 2010 to October 2017.

All officers are appointed annually by the Board of Directors of Horizon and the Bank, as applicable.

PART II

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

Common Stock and Related Stockholder Matters

Horizon common stock is traded on the NASDAQ Global Select Market under the symbol HBNC.

The approximate number of holders of record of Horizon's outstanding common stock as of February 27, 2019 was 1,567.

The Equity Compensation Plan Information table appears under the caption Equity Compensation Plan Information in Item 12 below and is incorporated herein by reference.

Repurchases of Securities

There were no purchases by the Company of its common stock during the fourth quarter of 2018.

Table of Contents**HORIZON BANCORP, INC.****Performance Graph**

The SEC requires Horizon to include a line graph comparing Horizon's cumulative five-year total shareholder returns on the common shares with market and industry returns over the past five years. S&P Global Market Intelligence prepared the following graph. The return represented in the graph assumes the investment of \$100 on December 31, 2013, and further assumes reinvestment of all dividends. The Company's common stock began trading on the NASDAQ Global Market on February 1, 2007, and on the NASDAQ Global Select Market on January 2, 2014. Prior to that date, the common stock was traded on the NASDAQ Capital Market.

Index	December 31 2013	December 31 2014	December 31 2015	December 31 2016	December 31 2017	December 31 2018
Horizon Bancorp, Inc.	100.00	105.46	114.82	176.43	178.30	154.84
Russell 2000	100.00	104.89	100.26	121.63	139.44	124.09
SNL Bank \$1B-\$5B	100.00	104.56	117.04	168.38	179.51	157.27
SNL Micro Cap Bank	100.00	113.41	126.11	155.04	189.67	179.97

Source: S&P Global Market Intelligence

Table of Contents**HORIZON BANCORP, INC.**

The following chart compares the change in market price of Horizon's common stock since December 31, 2013 to that of publicly traded banks in Indiana and Michigan with assets greater than \$500 million, excluding the reinvestment of dividends.

Index	December 31 2013	December 31 2014	December 31 2015	December 31 2016	December 31 2017	December 31 2018
Horizon Bancorp, Inc.	100.00	103.20	110.38	165.81	164.63	140.17
Indiana Banks ⁽¹⁾	100.00	107.28	120.35	166.55	198.53	158.44
Michigan Banks ⁽¹⁾	100.00	106.72	119.68	142.56	159.50	84.42

¹ excludes merger targets

Source: S&P Global Market Intelligence

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	2018	2017	2016	2015	2014
Earnings					
Net interest income	\$ 134,569	\$ 112,100	\$ 85,992	\$ 74,734	\$ 62,983
Provision for loan losses	2,906	2,470	1,842	3,162	3,058
Non-interest income	34,413	33,136	35,455	30,402	26,277
Non-interest expense	102,516	94,813	86,892	74,193	61,946
Income tax expense	10,443	14,836	8,801	7,232	6,155
Net income	53,117	33,117	23,912	20,549	18,101
Preferred stock dividend			(42)	(125)	(133)
Net income available to common shareholders	\$ 53,117	\$ 33,117	\$ 23,870	\$ 20,424	\$ 17,968
Cash dividends declared	\$ 15,418	\$ 11,720	\$ 8,382	\$ 6,216	\$ 4,744
Per Share Data					
Basic earnings per share ⁽¹⁾	\$ 1.39	\$ 0.96	\$ 0.79	\$ 0.87	\$ 0.88
Diluted earnings per share ⁽¹⁾	1.38	0.95	0.79	0.84	0.85
Cash dividends declared per common share ⁽¹⁾	0.40	0.33	0.27	0.26	0.23
Book value per common share ⁽¹⁾	12.82	11.93	10.25	9.47	8.77
Weighted-average shares outstanding:					
Basic ⁽¹⁾	38,347,059	34,553,736	29,981,592	23,648,166	19,393,492
Diluted ⁽¹⁾	38,495,231	34,760,439	30,123,615	24,295,968	20,252,167
Period End Totals					
Loans, net of deferred loan fees and unearned income	\$ 3,013,332	\$ 2,831,995	\$ 2,135,986	\$ 1,749,131	\$ 1,378,554
Allowance for loan losses	17,820	16,394	14,837	14,534	16,501
Total assets	4,246,688	3,964,303	3,141,156	2,652,401	2,076,922
Total deposits	3,139,376	2,881,003	2,471,210	1,880,153	1,482,319
Total borrowings	588,221	601,810	304,945	482,144	383,840
Ratios					
Loan to deposit	96.02%	98.30%	86.43%	93.03%	93.00%
Loan to total funding	80.87%	81.31%	76.94%	74.04%	73.87%
Return on average assets	1.31%	0.97%	0.81%	0.87%	0.93%
Average stockholders equity to average total assets	11.65%	11.15%	10.22%	9.30%	9.33%

Return on average stockholders equity	11.22%	8.74%	7.92%	9.87%	10.60%
Dividend payout ratio (dividends divided by basic earnings per share)	29.03%	34.78%	34.33%	29.85%	25.72%
Price to book value ratio	123.09%	155.28%	182.13%	131.26%	132.39%
Price to earnings ratio	11.35x	19.45x	23.56x	14.78x	13.75x

(1) Adjusted for 3:2 stock splits on June 15, 2018 and November 14, 2016.

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HORIZON BANCORP, INC. AND SUBSIDIARIES

Management's Discussion and Analysis of

Financial Condition and Results of Operations

(Table dollars in thousands except per share data)

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

Overview

Horizon is a registered bank holding company incorporated in Indiana and headquartered in Michigan City, Indiana. Horizon provides a broad range of banking services in Northern and Central Indiana and Southern, Central and the Great Lakes Bay regions of Michigan through its bank subsidiary. Horizon operates as a single segment, which is commercial banking. Horizon's common stock is traded on the NASDAQ Global Select Market under the symbol HBNC. The Bank was chartered as a national banking association in 1873, until its conversion to an Indiana commercial bank effective June 23, 2017, and has operated continuously since 1873. The Bank is a full-service commercial bank offering commercial and retail banking services, corporate and individual trust and agency services, and other services incident to banking. All share data included below has been adjusted to reflect Horizon's three-for-two stock split paid on June 15, 2018.

2018 Highlights

Following are some highlights of Horizon's financial performance during 2018:

Net income for the year ended December 31, 2018 was \$53.1 million, or \$1.38 diluted earnings per share, compared to \$33.1 million, or \$0.95 diluted earnings per share for year-end 2017. This represents the highest annual net income and diluted earnings per share in the Company's 145-year history.

Core net income for the year 2018 increased 38.0% to \$48.9 million, or \$1.27 diluted earnings per share, compared to \$35.5 million, or \$1.02 diluted earnings per share, for the year of 2017. (See the "Non-GAAP Reconciliation of Net Income and Diluted Earnings per Share" table for the definition of core net income.)

Return on average assets was 1.31% for the year ended December 31, 2018 compared to 0.97% for the year ended December 31, 2017.

Core return on average assets for the year ended December 31, 2018 was 1.21% compared to 1.04% for the year ended December 31, 2017. (See the "Non-GAAP Reconciliation of Return on Average Assets and Return on Average Common Equity" table for the definition of core return on

average assets.)

Horizon surpassed \$4.2 billion in total assets during 2018.

Total loans increased by a rate of 6.2%, or \$176.1 million, during 2018. Total loans, excluding loans held for sale and mortgage warehouse loans, increased by a rate of 7.2%, or \$198.5 million, during 2018.

Commercial loans increased by a rate of 3.1%, or \$51.7 million, during 2018.

Residential mortgage loans increased by a rate of 9.6%, or \$58.4 million, during 2018.

Consumer loans increased by a rate of 19.2%, or \$88.5 million, during 2018.

Total deposits increased by a rate of 9.0%, or \$258.4 million, during 2018.

Net interest income increased \$22.5 million, or 20.0%, to \$134.6 million for the year ended December 31, 2018 compared to \$112.1 million for the year ended December 31, 2017.

Net interest margin was 3.71% for the year ended December 31, 2018 compared to 3.75% for the year ended December 31, 2017.

Horizon's tangible book value per share increased to \$9.43 at December 31, 2018, compared to \$8.48 at December 31, 2017.

On October 29, 2018, Horizon announced the pending acquisition of Salin Bancshares, Inc. (Salin) and its wholly-owned subsidiary, Salin Bank and Trust Company (Salin Bank), headquartered in Indianapolis, Indiana which is anticipated to close during the first quarter of 2019.

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Pending Acquisition

Horizon entered into an Agreement and Plan of Merger on October 29, 2018, as amended on December 18, 2018 (the Merger Agreement) providing for Horizon's acquisition of Salin Bancshares, Inc. (Salin). Pursuant to the Merger Agreement, Salin will merge with and into Horizon, with Horizon surviving the merger (the Merger), and Salin Bank and Trust Company, a wholly-owned subsidiary of Salin, will merge with and into Horizon Bank, with Horizon Bank as the surviving bank.

The boards of directors of each Horizon and Salin have approved the merger and the Merger Agreement. Subject to the approval of the Merger by Salin shareholders, regulatory approvals and other closing conditions, the parties anticipate completing the Merger during the first quarter of 2019.

In connection with the Merger, shareholders of Salin will receive fixed consideration of 23,907.5 shares of Horizon common stock and \$84,417.17 in cash for each share of Salin common stock. The shares of Horizon common stock will be issued to Salin shareholders in a private placement complying with the federal and state securities laws, and the shares of Horizon common stock will be registered for resale by the Salin shareholders by a Registration Statement on Form S-3. Based on the closing price of Horizon's common stock on October 26, 2018 of \$16.95 per share, the transaction value for the shares of common stock is approximately \$135.3 million.

The Merger Agreement also provides for certain termination rights for both Horizon and Salin, and further provides that upon termination of the Merger Agreement under certain circumstances, Salin will be obligated to pay Horizon a termination fee.

As of December 31, 2018, Salin had total assets of approximately \$929.4 million, total deposits of approximately \$749.5 million and total loans of approximately \$593.7 million.

Critical Accounting Policies

The Notes to the Consolidated Financial Statements included in Item 8 of this Annual Report on Form 10-K for 2018 contain a summary of the Company's significant accounting policies. Certain of these policies are important to the portrayal of the Company's financial condition, since they require management to make difficult, complex or subjective judgments, some of which may relate to matters that are inherently uncertain. Management has identified the allowance for loan losses, goodwill and intangible assets, mortgage servicing rights, derivative instruments and valuation measurements as critical accounting policies.

Allowance for Loan Losses

An allowance for loan losses is maintained to absorb probable incurred loan losses inherent in the loan portfolio. The determination of the allowance for loan losses is a critical accounting policy that involves management's ongoing quarterly assessments of the probable incurred losses inherent in the loan portfolio. The identification of loans that have probable incurred losses is subjective; therefore, a general reserve is maintained to cover all probable losses within the entire loan portfolio. Horizon utilizes a loan grading system that helps identify, monitor and address asset quality problems in an adequate and timely manner. Each quarter, various factors affecting the quality of the loan portfolio are reviewed. Large credits are reviewed on an individual basis for loss potential. Other loans are reviewed as a group based upon previous trends of loss experience. Horizon also reviews the current and anticipated economic conditions of its lending market as well as transaction risk to determine the effect they may have on the loss experience of the loan portfolio.

Acquired credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (FASB ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loans. Accordingly, allowances for credit losses related to these loans are not carried over and recorded at the acquisition dates. Loans acquired through business combinations that do not meet the specific criteria of FASB ASC 310-30, but for which a discount is attributable, at least in part to the credit quality, are also

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accounted for under this guidance. As a result, related discounts are recognized subsequently through accretion based on the expected cash flows of the acquired loans. For purposes of applying FASB ASC 310-30, loans acquired in business combinations are aggregated into pools of loans with common risk characteristics.

Goodwill and Intangible Assets

Management believes that the accounting for goodwill and other intangible assets also involves a higher degree of judgment than most other significant accounting policies. FASB ASC 350-10 establishes standards for the amortization of acquired intangible assets and impairment assessment of goodwill. At December 31, 2018, Horizon had core deposit intangibles of \$10.4 million subject to amortization and \$119.9 million of goodwill, which is not subject to amortization. Goodwill arising from business combinations represents the value attributable to unidentifiable intangible assets in the business acquired. Horizon's goodwill relates to the value inherent in the banking industry and that value is dependent upon the ability of Horizon to provide quality, cost effective banking services in a competitive marketplace. The goodwill value is supported by revenue that is in part driven by the volume of business transacted. A decrease in earnings resulting from a decline in the customer base or the inability to deliver cost effective services over sustained periods can lead to impairment of goodwill that could adversely affect earnings in future periods. FASB ASC 350-10 requires an annual evaluation of goodwill for impairment. The evaluation of goodwill for impairment requires the use of estimates and assumptions. Market price at the close of business on December 31, 2018 was \$15.78 per share compared to a tangible book value of \$9.43 per common share. Horizon's return on average assets was 131 basis points for the year ending December 31, 2018.

Mortgage Servicing Rights

Servicing assets are recognized as separate assets when rights are acquired through purchase or through the sale of financial assets on a servicing-retained basis. Capitalized servicing rights are amortized into non-interest income in proportion to, and over the period of, the estimated future net servicing income of the underlying financial assets. Servicing assets are evaluated regularly for impairment based upon the fair value of the rights as compared to amortized cost. Impairment is determined by stratifying servicing rights by predominant characteristics, such as interest rates, original loan terms and whether the loans are fixed or adjustable rate mortgages. Fair value is determined using prices for similar assets with similar characteristics, when available, or based upon discounted cash flows using market-based assumptions. When the book value of an individual stratum exceeds its fair value, an impairment reserve is recognized so that each individual stratum is carried at the lower of its amortized book value or fair value. In periods of falling market interest rates, accelerated loan prepayment can adversely affect the fair value of these mortgage-servicing rights relative to their book value. In the event that the fair value of these assets was to increase in the future, Horizon can recognize the increased fair value to the extent of the impairment allowance but cannot recognize an asset in excess of its amortized book value. Future changes in management's assessment of the impairment of these servicing assets, as a result of changes in observable market data relating to market interest rates, loan prepayment speeds, and other factors, could impact Horizon's financial condition and results of operations either

positively or negatively.

Generally, when market interest rates decline and other factors favorable to prepayments occur, there is a corresponding increase in prepayments as customers refinance existing mortgages under more favorable interest rate terms. When a mortgage loan is prepaid, the anticipated cash flows associated with servicing that loan are terminated, resulting in a reduction of the fair value of the capitalized mortgage servicing rights. To the extent that actual borrower prepayments do not react as anticipated by the prepayment model (i.e., the historical data observed in the model does not correspond to actual market activity), it is possible that the prepayment model could fail to accurately predict mortgage prepayments and could result in significant earnings volatility. To estimate prepayment speeds, Horizon utilizes a third-party prepayment model, which is based upon statistically derived data linked to certain key principal indicators involving historical borrower prepayment activity associated with mortgage loans in the secondary market, current market interest rates and other factors, including Horizon's own historical prepayment experience. For purposes of model valuation, estimates are made for each product type within the mortgage servicing rights portfolio on a monthly basis. In addition, on a quarterly basis Horizon engages a third party to independently test the value of its servicing asset.

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Derivative Instruments

As part of the Company's asset/liability management program, Horizon utilizes, from time-to-time, interest rate floors, caps or swaps to reduce the Company's sensitivity to interest rate fluctuations. These are derivative instruments, which are recorded as assets or liabilities in the consolidated balance sheets at fair value. Changes in the fair values of derivatives are reported in the consolidated income statements or other comprehensive income (OCI) depending on the use of the derivative and whether the instrument qualifies for hedge accounting. The key criterion for the hedge accounting is that the hedged relationship must be highly effective in achieving offsetting changes in those cash flows that are attributable to the hedged risk, both at inception of the hedge and on an ongoing basis.

Horizon's accounting policies related to derivatives reflect the guidance in FASB ASC 815-10. Derivatives that qualify for the hedge accounting treatment are designated as either: a hedge of the fair value of the recognized asset or liability or of an unrecognized firm commitment (a fair value hedge) or a hedge of a forecasted transaction or the variability of cash flows to be received or paid related to a recognized asset or liability (a cash flow hedge). For fair value hedges, the cumulative change in fair value of both the hedge instruments and the underlying loans is recorded in non-interest income. For cash flow hedges, changes in the fair values of the derivative instruments are reported in OCI to the extent the hedge is effective. The gains and losses on derivative instruments that are reported in OCI are reflected in the consolidated income statement in the periods in which the results of operations are impacted by the variability of the cash flows of the hedged item. Generally, net interest income is increased or decreased by amounts receivable or payable with respect to the derivatives, which qualify for hedge accounting. At inception of the hedge, Horizon establishes the method it uses for assessing the effectiveness of the hedging derivative and the measurement approach for determining the ineffective aspect of the hedge. The ineffective portion of the hedge, if any, is recognized currently in the consolidated statements of income. Horizon excludes the time value expiration of the hedge when measuring ineffectiveness.

Valuation Measurements

Valuation methodologies often involve a significant degree of judgment, particularly when there are no observable active markets for the items being valued. Investment securities, residential mortgage loans held for sale and derivatives are carried at fair value, as defined in FASB ASC 820, which requires key judgments affecting how fair value for such assets and liabilities is determined. In addition, the outcomes of valuations have a direct bearing on the carrying amounts of goodwill, mortgage servicing rights, and pension and other post-retirement benefit obligations. To determine the values of these assets and liabilities, as well as the extent to which related assets may be impaired, management makes assumptions and estimates related to discount rates, asset returns, prepayment speeds and other factors. The use of different discount rates or other valuation assumptions could produce significantly different results, which could affect Horizon's results of operations.

Analysis of Financial Condition

Horizon's total assets were \$4.2 billion as of December 31, 2018, an increase of \$282.4 million from December 31, 2017.

Investment Securities

Investment securities carrying values totaled \$810.5 million at December 31, 2018, and consisted of Treasury and federal agency securities of \$16.6 million (2.0%); state and municipal securities of \$400.6 million (49.4%); federal agency mortgage-backed pools of \$192.4 million and federal agency collateralized mortgage obligations of \$190.1 million (47.3%); and corporate securities of \$10.7 million (1.3%).

As indicated above, 47.3% of the investment portfolio consists of mortgage-backed securities and collateralized mortgage obligations. These instruments are secured by residential mortgages of varying maturities. Principal and interest payments are received monthly as the underlying mortgages are repaid. These payments also include prepayments of mortgage balances as borrowers either sell their homes or refinance their mortgages. Therefore, mortgage-backed securities and collateralized mortgage obligations have maturities that are stated in terms of average life. The average life is the average

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amount of time that each dollar of principal is expected to be outstanding. As of December 31, 2018, the mortgage-backed securities and collateralized mortgage obligations in the investment portfolio had an average duration of 3.86 years. Securities that have interest rates above current market rates are purchased at a premium. Management monitors these investments periodically for other than temporary impairment by obtaining and reviewing the underlying collateral details and has concluded at December 31, 2018, any unrealized loss is temporary and that the Company has the intent and ability to hold these investments to maturity.

Available-for-sale municipal securities are priced by a third party using a pricing grid which estimates prices based on recent sales of similar securities. All municipal securities are investment grade or local non-rated issues and management does not believe there is other than temporary deterioration in market value. A credit review is performed annually on the municipal securities portfolio.

At December 31, 2018 and 2017, 74.1% and 71.8%, respectively, of investment securities were classified as available for sale. Securities classified as available for sale are carried at their fair value, with both unrealized gains and losses recorded, net of tax, directly to stockholders' equity. Net depreciation on these securities totaled \$8.6 million, which resulted in a balance of \$6.8 million, net of tax, included in stockholders' equity at December 31, 2018. This compared to \$3.1 million, net of tax, included in stockholders' equity at December 31, 2017.

Fair value is defined as the 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. A fair value hierarchy is also established which requires an entity to maximize the use of observable and minimize the use of unobservable inputs. There are three levels of inputs that may be used to measure fair value:

- Level 1 Quoted prices in active markets for identical assets or liabilities.
- Level 2 Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities.
- Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

When quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. There are no Level 1 securities. If quoted market prices are not available, then fair values are estimated by using pricing models, quoted prices of securities with similar characteristics or discounted cash flows. Level 2 securities include U.S. Treasury and Federal agency securities, State and municipal securities, Federal agency collateralized mortgage obligations, Federal agency mortgage-backed pools and corporate notes. For Level 2 securities, Horizon uses a third party service to determine fair value. In performing the valuations, the pricing service

relies on models that consider security-specific details as well as relevant industry and economic factors. The most significant of these inputs are quoted market prices, interest rate spreads on relevant benchmark securities and certain prepayment assumptions. To verify the reasonableness of the fair value determination by the service, Horizon has a portion of the Level 2 securities priced by an independent securities broker-dealer.

Unrealized gains and losses on available-for-sale securities, deemed temporary, are recorded, net of income tax, in a separate component of other comprehensive income on the balance sheet. No unrealized losses were deemed to be other-than-temporary.

As a member of the Federal Home Loan Bank system, Horizon is required to maintain an investment in the common stock of the Federal Home Loan Bank. The investment in common stock is based on a predetermined formula. At December 31, 2018 and 2017, Horizon had investments in the common stock of the Federal Home Loan Bank totaling \$18.1 million.

At December 31, 2018, Horizon did not maintain a trading account.

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For more information about securities, see Note 4 Securities to the Consolidated Financial Statements at Item 8.

Loans

Total loans, net of deferred fees/costs, the principal earning asset of the Bank, were \$3.013 billion at December 31, 2018. The current level of total loans increased 6.3% from the December 31, 2017, level of \$2.835 billion. The table below provides comparative detail on the loan categories.

	December 31 2018	December 31 2017	Dollar Change	Percent Change
Commercial				
Working capital and equipment	\$ 804,083	\$ 720,477	\$ 83,606	11.6%
Real estate, including agriculture	834,037	880,861	(46,824)	-5.3%
Tax exempt	48,975	36,324	12,651	34.8%
Other	34,495	32,272	2,223	6.9%
Total	1,721,590	1,669,934	51,656	3.1%
Real estate 1-4 family	659,754	602,196	57,558	9.6%
Other	8,387	7,543	844	11.2%
Total	668,141	609,739	58,402	9.6%
Consumer				
Auto	327,413	244,003	83,410	34.2%
Recreation	13,975	8,728	5,247	60.1%
Real estate/home improvement	39,587	37,052	2,535	6.8%
Home equity	163,209	165,240	(2,031)	-1.2%
Unsecured	4,043	3,479	564	16.2%
Other	1,254	2,497	(1,243)	-49.8%
Total	549,481	460,999	88,482	19.2%
Mortgage warehouse	74,120	94,508	(20,388)	-21.6%
Total loans	3,013,332	2,835,180	178,152	6.3%
Allowance for loan losses	(17,820)	(16,394)	(1,426)	8.7%
Loans, net	\$ 2,995,512	\$ 2,818,786	\$ 176,726	6.3%

The acceptance and management of credit risk is an integral part of the Bank's business as a financial intermediary. The Bank has established underwriting standards including a policy that monitors the lending function through strict administrative and reporting requirements as well as an internal loan review of consumer and small business loans. The Bank also uses an independent third-party loan review function that regularly reviews asset quality.

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Changes in the mix of the loan portfolio averages are shown in the following table.

	December 31 2018	December 31 2017	December 31 2016
Commercial	\$ 1,676,013	\$ 1,227,698	\$ 918,844
Real estate	641,161	567,581	497,337
Mortgage warehouse	82,240	89,212	159,588
Consumer	511,327	450,635	372,811
Total average loans	\$ 2,910,741	\$ 2,335,126	\$ 1,948,580

Commercial Loans

Commercial loans totaled \$1.722 billion, or 57.1% of total loans as of December 31, 2018, compared to \$1.670 billion, or 58.9% as of December 31, 2017. The increase during 2018 was due to organic growth of \$51.7 million net of principal reductions from payments.

Commercial loans consisted of the following types of loans at December 31:

	December 31, 2018			December 31, 2017		
	Number	Amount	Percent of Portfolio	Number	Amount	Percent of Portfolio
SBA guaranteed	322	\$ 68,849	4.0%	356	\$ 69,345	4.2%
Municipal government	2	11,600	0.7%	3	11,838	0.7%
Lines of credit	1,239	306,935	17.8%	1,294	304,855	18.3%
Real estate and equipment	4,022	1,334,206	77.5%	4,276	1,283,896	76.9%
Total	5,585	\$ 1,721,590	100.0%	5,929	\$ 1,669,934	100.0%

Fixed rate term loans with a book value of \$209.2 million and a fair value of \$209.2 million have been swapped to a variable rate using derivative instruments. The loans are carried at fair value in the financial statements and the related swap is carried at fair value and is included with other liabilities in the balance sheet. The recognition of the loan and swap fair values are recorded in the income statement and for 2018 equally offset each other. Fair values are determined by the counterparty using a proprietary model that uses live market inputs to value interest rate swaps. The

model is subject to daily market tests as current and future positions are priced and valued. These are Level 3 inputs under the fair value hierarchy as described above.

At December 31, 2018, the commercial loan portfolio held \$127.9 million of adjustable rate loans that had interest rate floors in the terms of the note. Of the commercial loans with interest rate floors, loans totaling \$80.6 million were at their floor at December 31, 2018.

Residential Real Estate Loans

Residential real estate loans totaled \$668.1 million, or 22.2% of total loans as of December 31, 2018, compared to \$609.7 million, or 21.5% of total loans as of December 31, 2017. This category consists of home mortgages that generally require a loan to value of no more than 80%. Some special guaranteed or insured real estate loan programs do permit a higher loan to collateral value ratio. The increase during 2018 was due to organic growth of \$58.4 million net of principal reductions from payments.

In addition to the customary real estate loans described above, the Bank also had outstanding on December 31, 2018, \$163.2 million in home equity lines of credit compared to \$165.2 million at December 31, 2017. Credit lines normally limit the loan to collateral value to no more than 89%. Home equity credit lines are primarily not combined with a first mortgage and are therefore evaluated in the allowance for loan losses as a separate pool. These loans are classified as consumer loans in the Loans table above and in Note 5 of the Consolidated Financial Statements at Item 8.

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Residential real estate lending is a highly competitive business. As of December 31, 2018, the real estate loan portfolio reflected a wide range of interest rates and repayment patterns, but could generally be categorized as follows:

	December 31, 2018			December 31, 2017		
	Amount	Percent of Portfolio	Yield	Amount	Percent of Portfolio	Yield
Fixed rate						
Monthly payment	\$ 116,102	17.4%	4.38%	\$ 140,115	23.0%	4.35%
Biweekly payment	3	0.0%	7.13%	6	0.0%	7.13%
Adjustable rate						
Monthly payment	552,036	82.6%	3.90%	469,618	77.0%	3.76%
Biweekly payment		0.0%	0.00%		0.0%	0.00%
Subtotal	668,141	100.0%	3.99%	609,739	100.0%	3.90%
Loans held for sale	1,038			3,094		
Total real estate loans	\$ 669,179			\$ 612,833		

The increase in fixed and adjustable rate residential mortgage loans during 2018 was primarily due to the real estate loans acquired in the Lafayette and Wolverine acquisitions as well as organic growth. In addition to the real estate loan portfolio, the Bank originates and sells real estate loans and retains the servicing rights. During 2018 and 2017, approximately \$188.8 million and \$218.5 million, respectively, of residential mortgages were sold into the secondary market. Loans serviced for others are not included in the consolidated balance sheets. The unpaid principal balances of loans serviced for others totaled approximately \$1.299 billion and \$1.310 billion at December 31, 2018 and 2017.

The aggregate fair value of capitalized mortgage servicing rights at December 31, 2018, totaled approximately \$13.9 million compared to the carrying value of \$12.3 million. Comparable market values and a valuation model that calculates the present value of future cash flows were used to estimate fair value. For purposes of measuring impairment, risk characteristics including product type, investor type and interest rates, were used to stratify the originated mortgage servicing rights.

December 31	December 31	December 31
2018	2017	2016

Mortgage servicing rights			
Balances, January 1	\$ 12,189	\$ 11,681	\$ 9,271
Servicing rights capitalized	1,883	2,109	3,426
Amortization of servicing rights	(1,196)	(1,601)	(1,016)
Balances, December 31	12,876	12,189	11,681
Impairment allowance			
Balances, January 1	(587)	(507)	(397)
Additions	(78)	(85)	(236)
Reductions	138	5	126
Balances, December 31	(527)	(587)	(507)
Mortgage servicing rights, net	\$ 12,349	\$ 11,602	\$ 11,174

Mortgage Warehouse Loans

Horizon's mortgage warehousing lending has specific mortgage companies as customers of Horizon Bank. Individual mortgage loans originated by these mortgage companies are funded as a secured borrowing with a pledge of collateral under Horizon's agreement with the mortgage company. Each mortgage loan funded by Horizon undergoes an underwriting review by Horizon to the end investor guidelines and is assigned to Horizon until the loan is sold to the secondary market by the mortgage company. In addition, Horizon takes possession of each original note and forwards such note to the end investor once the mortgage company has sold the loan. At the time a loan is transferred to the secondary market, the mortgage company reacquires the loan under its option within the agreement. Due to the reacquire feature contained in the agreement, the transaction does not qualify as a sale and therefore is accounted for as a secured borrowing with a pledge of collateral pursuant to the agreement with the mortgage company. When the individual loan is

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sold to the end investor by the mortgage company, the proceeds from the sale of the loan are received by Horizon and used to pay off the loan balance with Horizon along with any accrued interest and any related fees. The remaining balance from the sale is forwarded to the mortgage company. These individual loans typically are sold by the mortgage company within 30 days and are seldom held more than 90 days. Interest income is accrued during this period and collected at the time each loan is sold. Fee income for each loan sold is collected when the loan is sold and no costs are deferred due to the term between each loan funding and related payoff, which is typically less than 30 days.

Based on the agreements with each mortgage company, at any time a mortgage company can reacquire from Horizon its outstanding loan balance on an individual mortgage and regain possession of the original note. Horizon also has the option to request that the mortgage company reacquire an individual mortgage. Should this occur, Horizon would return the original note and reassign the assignment of the mortgage to the mortgage company. Also, in the event that the end investor would not be able to honor the purchase commitment and the mortgage company would not be able to reacquire its loan on an individual mortgage, Horizon would be able to exercise its rights under the agreement.

At December 31, 2018, the mortgage warehouse loan balance was \$74.1 million compared to \$94.5 million as of December 31, 2017. The decrease in mortgage warehouse loans reflected an increase in long-term interest rates in 2018 and the lower refinance volume.

Consumer Loans

Consumer loans totaled \$549.5 million, or 18.2% of total loans as of December 31, 2018, compared to \$461.0 million, or 16.3% as of December 31, 2017. The increase during 2018 was due to organic growth of \$88.5 million net of principal reductions from payments. This organic growth is a result of hiring an experienced consumer loan manager in late 2016 and placing additional focus on consumer lending. Also, recent merger activity has provided entry into new market areas.

Allowance and Provision for Loan Losses/Critical Accounting Policy

At December 31, 2018, the allowance for loan losses was \$17.8 million, or 0.59% of total loans outstanding, compared to \$16.4 million, or 0.58%, at December 31, 2017. During 2018, the expense for provision for loan losses totaled \$2.9 million compared to \$2.5 million in 2017. Horizon's loan loss reserve ratio, excluding loans with credit-related purchase accounting adjustments, was 0.72% as of December 31, 2018. The ratio of the allowance for loan losses to total loans, excluding loans with credit-related purchase accounting adjustments, was 0.72% as of December 31, 2018 compared to 0.81% as of December 31, 2017. Loan loss reserves and credit-related loan discounts on acquired loans as a percentage of total loans was 0.98% as of December 31, 2018 compared to 1.23% as of December 31, 2017. (See the Non-GAAP Allowance for Loan and Lease Loss Detail table.)

Horizon assesses the adequacy of its Allowance for Loan and Lease Losses (ALLL) by regularly reviewing the performance of all of its loan portfolios. As a result of its quarterly reviews, a provision for loan losses is determined to bring the total ALLL to a level called for by the analysis.

No assurance can be given that Horizon will not, in any particular period, sustain loan losses that are significant in relation to the amount reserved, or that subsequent evaluations of the loan portfolio, in light of factors then prevailing, including economic conditions and management s ongoing quarterly assessments of the portfolio, will not require increases in the allowance for loan losses. Horizon considers the allowance for loan losses to be adequate to cover losses inherent in the loan portfolio as of December 31, 2018.

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Non-performing Loans

Non-performing loans are defined as loans that are greater than 90 days delinquent or have had the accrual of interest discontinued by management. Management continues to work diligently toward returning non-performing loans to an earning asset basis. Non-performing loans for the previous three years ending December 31 are as follows:

	December 31 2018	December 31 2017	December 31 2016
Non-performing loans	\$ 15,175	\$ 16,414	\$ 10,683

Non-performing loans total 85.2%, 100.1% and 72.0% of the allowance for loan losses at December 31, 2018, 2017 and 2016, respectively. Non-performing loans at December 31, 2018 totaled \$15.2 million, a decrease from a balance of \$16.4 million as of December 31, 2017 and an increase from the balance of \$10.7 million as of December 31, 2016. Non-performing loans as a percentage of total loans was 0.50% as of December 31, 2018, a decrease from 0.58% as of December 31, 2017 and no change from December 31, 2016.

A loan becomes impaired when, based on current information, it is probable that a creditor will be unable to collect all amounts due according to the contractual terms of the loan agreement. When a loan is classified as impaired, the degree of impairment must be recognized by estimating future cash flows from the debtor. The present value of these cash flows is computed at a discount rate based on the interest rate contained in the loan agreement. However, if a particular loan has a determinable market value, the creditor may use that value. Also, if the loan is secured and considered collateral dependent, the creditor may use the fair value of the collateral. (See Note 8 of the Consolidated Financial Statements at Item 8 for further discussion of impaired loans.)

Smaller-balance, homogeneous loans are evaluated for impairment in total. Such loans include residential first mortgage loans secured by 1-4 family residences, residential construction loans, automobile, home equity, second mortgage loans and mortgage warehouse loans. Commercial loans and mortgage loans secured by other properties are evaluated individually for impairment. When analysis of borrower operating results and financial condition indicate that underlying cash flows of a borrower's business are not adequate to meet its debt service requirements, the loan is evaluated for impairment. Often this is associated with a delay or shortfall in payments of 30 days or more. Loans are generally moved to non-accrual status when 90 days or more past due. These loans are often considered impaired. Impaired loans, or portions thereof, are charged off when deemed uncollectible.

Other Real Estate Owned (OREO) net of any related allowance for OREO losses for the previous three years ending December 31 were as follows:

	December 31 2018	December 31 2017	December 31 2016
Other real estate owned	\$ 2,027	\$ 778	\$ 3,190

OREO totaled \$2.0 million on December 31, 2018, an increase of \$1.2 million from December 31, 2017 and a decrease of \$1.2 million from December 31, 2016. On December 31, 2018, OREO was comprised of nine properties. Of these properties, seven totaling \$2.0 million were commercial real estate and two totaling \$60,000 were residential real estate. The majority of the increase in OREO during 2018 was because several bank owned properties acquired through acquisitions and listed for sale were re-classified to other real estate owned and recorded at fair value during the second quarter of 2018.

No mortgage warehouse loans were non-performing or OREO as of December 31, 2018, 2017 or 2016.

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Deferred Tax

Horizon had a net deferred tax asset totaling \$4.4 million and \$4.7 million as of December 31, 2018 and December 31, 2017, respectively. The following table shows the major components of deferred tax:

	December 31 2018	December 31 2017
Assets		
Allowance for loan losses	\$ 3,831	\$ 3,396
Net operating loss and tax credits (from acquisitions)	1,038	1,658
Director and employee benefits	2,392	2,276
Unrealized loss on AFS securities and fair value hedge	2,165	1,147
Accrued pension	801	852
Fair value adjustment on acquisitions		1,087
Other	670	1,083
Total assets	10,897	11,499
Liabilities		
Depreciation	(1,850)	(1,680)
State tax	(137)	(210)
Federal Home Loan Bank stock dividends	(330)	(339)
Difference in basis of intangible assets	(2,919)	(2,831)
Fair value adjustment on acquisitions	(62)	
Other	(119)	(125)
Total liabilities	(5,417)	(5,185)
Valuation allowance	(1,038)	(1,613)
Net deferred tax asset	\$ 4,442	\$ 4,701

Deposits

The primary source of funds for the Bank comes from the acceptance of demand and time deposits. However, at times the Bank will use its ability to borrow funds from the Federal Home Loan Bank and other sources when it can do so at interest rates and terms that are more favorable than those required for deposited funds or loan demand is greater than the ability to grow deposits. Total deposits were \$3.139 billion at December 31, 2018, compared to \$2.881 billion at December 31, 2017. Average deposits and rates by category for the three years ended December 31 are as follows:

	Average Balance Outstanding for the Years Ended December 31			Average Rate Paid for the Years Ended December 31		
	2018	2017	2016	2018	2017	2016
Non-interest bearing demand deposits	\$ 624,576	\$ 533,852	\$ 417,900			
Interest bearing demand deposits	827,255	831,292	732,117	0.30%	0.14%	0.12%
Savings deposits	416,404	388,953	303,229	0.08%	0.07%	0.06%
Money market	403,475	310,310	254,453	0.72%	0.35%	0.26%
Time deposits	771,853	515,341	462,527	1.55%	1.04%	1.06%
Total deposits	\$ 3,043,563	\$ 2,579,748	\$ 2,170,226			

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The \$463.8 million increase in average deposits during 2018 was the result of an increase in the depositor base due to the Bargersville branch acquisition and the Lafayette and Wolverine acquisitions. The transactional accounts average balances, as the lower cost funding sources, increased \$90.7 million and the average balances for higher cost time deposits increased \$256.5 million. Horizon continually enhances its interest-bearing consumer and commercial demand deposit products based on local market conditions and its need for funding to support various types of assets.

Certificates of deposit of \$250,000 or more, which are considered to be rate sensitive and are not considered a part of core deposits, mature as follows as of December 31, 2018:

Due in three months or less	\$ 75,775
Due after three months through six months	82,088
Due after six months through one year	114,560
Due after one year	99,401
	\$ 371,824

Interest expense on time certificates of \$100,000 or more was approximately \$6.8 million, \$3.2 million, and \$2.1 million for 2018, 2017 and 2016. Interest expense on time certificates of \$250,000 or more was approximately \$4.6 million, \$1.2 million and \$753,000 for 2018, 2017 and 2016.

Off-Balance Sheet Arrangements

As of December 31, 2018, Horizon did not have any off-balance sheet arrangements that have or are reasonably likely to have a current or future effect on the Company's financial condition, change in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources that are material to investors. The term "off-balance sheet arrangement" generally means any transaction, agreement, or other contractual arrangement to which an entity unconsolidated with the Company is a party and under which the Company has (i) any obligation arising under a guarantee contract, derivative instrument or variable interest; or (ii) a retained or contingent interest in assets transferred to such entity or similar arrangement that serves as credit, liquidity or market risk support for such assets.

Contractual Obligations

The following tables summarize Horizon's contractual obligations and other commitments to make payments as of December 31, 2018:

	Total	Within One Year	One to Three Years	Three to Five Years	After Five Years
Certificates of deposit	\$ 812,911	\$ 525,801	\$ 237,884	\$ 30,752	\$ 18,474
Borrowings ⁽¹⁾	550,384	485,557	42,514	12,268	10,045
Subordinated debentures ⁽²⁾	37,837				37,837

- (1) Includes debt obligations to the Federal Home Loan Bank and term repurchase agreements with maturities beyond one year borrowed by Horizon's banking subsidiary. See Note 13 in Horizon's Consolidated Financial Statements at Item 8.
- (2) Includes Trust Preferred Capital Securities issued by Horizon Statutory Trusts II and III and those assumed in the acquisitions of Alliance Bank in 2005, American Trust in 2009, Heartland in 2012 and LaPorte/City Savings in 2016. See Note 15 in Horizon's Consolidated Financial Statements at Item 8.

	Expiration by Period	
	Within One Year	Greater Than One Year
Letters of credit	\$ 2,746	\$ 2,046
Unfunded loan commitments	258,071	615,721

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Capital Resources

Horizon has no material commitments for capital expenditures as of December 31, 2018. Horizon's sources of funds and liquidity are discussed below in the section captioned "Liquidity" in this Item 7.

Results of Operations

Net Income

Consolidated net income was \$53.1 million, or \$1.38 per diluted share, in 2018, \$33.1 million or \$0.95 per diluted share in 2017, and \$23.9 million or \$0.79 per diluted share in 2016. The increase in net income from the previous year reflects an increase in net interest income of \$22.5 million, an increase in non-interest income of \$1.3 million and a decrease in income taxes of \$4.4 million, partially offset by an increase in non-interest expenses of \$7.7 million and provision for loan losses of \$436,000. The increase in diluted earnings per share compared to the previous year reflects an increase in net income, partially offset by an increase in diluted shares due to the Lafayette and Wolverine acquisitions. Core net income for the year ended December 31, 2018 was \$48.9 million, or \$1.27 diluted earnings per share, compared to \$35.5 million, or \$1.02 diluted earnings per share, for the year ended December 31, 2017. (See the "Non-GAAP Reconciliation of Net Income and Diluted Earnings per Share" table for the definition of core net income.)

Net Interest Income

The largest component of net income is net interest income. Net interest income is the difference between interest income, principally from loans and investment securities, and interest expense, principally on deposits and borrowings. Changes in the net interest income are the result of changes in volume and the net interest spread which affects the net interest margin. Volume refers to the average dollar levels of interest-earning assets and interest-bearing liabilities. Net interest spread refers to the difference between the average yield on interest-earning assets and the average cost of interest-bearing liabilities. Net interest margin refers to net interest income divided by average interest-earning assets and is influenced by the level and relative mix of interest-earning assets and interest-bearing liabilities.

Net interest income during 2018 was \$134.6 million, an increase of \$22.5 million, or 20.0%, over the \$112.1 million earned in 2017. Yields on the Company's interest-earning assets increased by 27 basis points to 4.56% during 2018 from 4.29% in 2017. Interest income increased \$37.7 million to \$166.2 million for 2018 from \$128.5 million in 2017. This increase was due to increased volume in interest-earning assets, an increase in the recognition of interest income from the acquisition-related purchase accounting adjustments of approximately \$2.6 million from \$3.5 million in 2017 to \$6.1 million in 2018 and an increase in overall interest rates in 2018.

Interest expense increased \$15.2 million from \$16.4 million in 2017 to \$31.6 million in 2018. This increase was due to increased volume in interest-bearing liabilities and an increase in overall interest rates in 2018. The increase in the yield on the Company's interest-earning assets combined with the increase in rates paid on interest-bearing liabilities resulted in a decrease in the net interest margin of 4 basis points from 3.75% for 2017 to 3.71% in 2018. Excluding interest income recognized from acquisition-related purchase accounting adjustments, the margin would have been 3.54% for 2018 compared to 3.64% for 2017. Management believes that the current level of interest rates is driven by external factors and therefore impacts the results of the Company's net interest margin.

Net interest income during 2017 was \$112.1, an increase of \$26.1 million, or 30.4%, over the \$86.0 million earned in 2016. Yields on the Company's interest-earning assets increased by 24 basis points to 4.29% during 2017 from 4.05% in 2016. Interest income increased \$22.0 million to \$128.5 million for 2017 from \$106.5 million in 2016. This increase was due to increased volume in interest-earning assets, an increase in the recognition of interest income from the acquisition-related purchase accounting adjustments of approximately \$1.2 million from \$2.3 million in 2016 to \$3.5 million in 2017 and an increase in overall interest rates in 2017.

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Rates paid on interest-bearing liabilities decreased by 26 basis points during the same period due to the prepayment penalties on borrowings of \$4.8 million in 2016. Interest expense decreased \$4.2 million from \$20.5 million in 2016 to \$16.4 million in 2017. The decrease was due to Horizon executing a strategy to reduce expensive funding costs in the fourth quarter of 2016 and related prepayment penalties on borrowings of \$4.8 million, partially offset by an increase in average interest-bearing liabilities and the rates paid on subordinated debentures. The increase in the yield on the Company's interest-earning assets and the decrease in rates paid on interest-bearing liabilities resulted in an increase in the net interest margin of 46 basis points from 3.29% for 2016 to 3.75% in 2017. Excluding the interest expense recognized from the prepayment penalties on borrowings and the interest income recognized from the acquisition-related purchase accounting adjustments, the margin would have been 3.64% for 2017 compared to 3.38% for 2016.

	Twelve Months Ended December 31, 2018			Twelve Months Ended December 31, 2017			Twelve Months Ended December 31, 2016		
	Average Balance	Average Interest	Average Rate	Average Balance	Average Interest	Average Rate	Average Balance	Average Interest	Average Rate
Assets									
Interest-earning assets									
Federal funds sold	\$ 4,696	\$ 115	2.45%	\$ 5,450	\$ 80	1.47%	\$ 17,142	\$ 95	0.55%
Interest-earning deposits	24,491	393	1.60%	23,865	301	1.26%	34,506	278	0.81%
Investment securities taxable									
	431,970	10,113	2.34%	417,993	8,705	2.08%	490,274	9,666	1.97%
Investment securities non-taxable ⁽¹⁾									
	326,040	8,069	3.13%	292,030	7,068	3.39%	192,881	4,921	3.59%
Loans receivable ⁽²⁾⁽³⁾⁽⁴⁾	2,910,741	147,478	5.08%	2,335,126	112,329	4.83%	1,948,580	91,569	4.71%
Total interest-earning assets ⁽¹⁾	3,697,938	166,168	4.56%	3,074,464	128,483	4.29%	2,683,383	106,529	4.05%
Non-interest-earning assets									
Cash and due from banks									
	44,645			42,578			37,549		
Allowance for loan losses									
	(16,964)			(15,226)			(14,439)		
Other assets									
	337,016			295,057			255,129		
Total average assets	\$ 4,062,635			\$ 3,396,873			\$ 2,961,622		

**Liabilities and
Stockholders Equity**

Interest-bearing liabilities									
Interest-bearing deposits	\$ 2,418,987	\$ 18,225	0.75%	\$ 2,045,896	\$ 7,901	0.39%	\$ 1,752,326	\$ 6,616	0.38%
Borrowings	492,830	11,009	2.23%	381,488	6,178	1.62%	425,444	11,807	2.78%
Subordinated debentures	36,547	2,365	6.47%	36,362	2,304	6.34%	49,834	2,114	4.24%
Total interest-bearing liabilities	2,948,364	31,599	1.07%	2,463,746	16,383	0.66%	2,227,604	20,537	0.92%
Non-interest-bearing liabilities									
Demand deposits	624,576			533,852			417,900		
Accrued interest payable and other liabilities	16,275			20,566			13,574		
Stockholders equity	473,420			378,709			302,544		
Total average liabilities and stockholders equity	\$ 4,062,635			\$ 3,396,873			\$ 2,961,622		
Net interest income/spread									
		\$ 134,569	3.49%		\$ 112,100	3.63%		\$ 85,992	3.13%
Net interest income as a percent of average interest-earning assets⁽¹⁾									
			3.71%			3.75%			3.29%

(1) Horizon has no foreign office and, accordingly, no assets or liabilities to foreign operations. Horizon's subsidiary bank had no funds invested in Eurodollar Certificates of Deposit at December 31, 2018.

(2) Yields are presented on a tax-equivalent basis.

(3) Non-accruing loans for the purpose of the computations above are included in the daily average loan amounts outstanding. Loan totals are shown net of unearned income and deferred loan fees.

(4) Loan fees and late fees included in interest on loans aggregated \$7.7 million, \$7.1 million and \$5.5 million in 2018, 2017 and 2016, respectively.

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	2018 - 2017			2017 - 2016		
	Total Change	Change Due To Volume	Change Due To Rate	Total Change	Change Due To Volume	Change Due To Rate
Interest Income						
Federal funds sold	\$ 35	\$ (12)	\$ 47	\$ (15)	\$ (95)	\$ 80
Interest-earning deposits	92	8	84	23	(103)	126
Investment securities taxable	1,408	298	1,110	(961)	(1,483)	522
Investment securities non-taxable	1,001	1,100	(99)	2,147	3,384	(1,237)
Loans receivable	35,149	28,991	6,158	20,760	18,613	2,147
Total interest income	37,685	30,385	7,300	21,954	20,316	1,638
Interest Expense						
Interest-bearing deposits	10,324	1,677	8,647	1,285	1,132	153
Borrowings	4,831	2,101	2,730	(5,629)	(1,121)	(4,508)
Subordinated debentures	61	12	49	190	(671)	861
Total interest expense	15,216	3,790	11,426	(4,154)	(660)	(3,494)
Net interest income	\$ 22,469	\$ 26,595	\$ (4,126)	\$ 26,108	\$ 20,976	\$ 5,132

Provision for Loan Losses

Horizon assesses the adequacy of its ALLL by regularly reviewing the performance of its loan portfolios. The provision for loan losses totaled \$2.9 million in 2018 compared to \$2.5 million in 2017. The higher provision for loan losses in 2017 compared to the previous year was due to an increase in specific allocations for loan growth in new markets, higher than anticipated growth of the indirect loan portfolio and an increase in allocation for other economic factors, offset by improving credit trends and a continued low level of charge-offs. Total loan net charge-offs were \$1.5 million, which included commercial loan net charge-offs of \$297,000, residential mortgage loan net charge-offs of \$49,000 and consumer loan net charge-offs of \$1.1 million for the year ending December 31, 2018.

During 2017, the provision for loan losses totaled \$2.5 million, compared to \$1.8 million in 2016. The higher provision for loan losses in 2017 compared to the previous year was due to additional allocations for loan growth in new markets and an increase in allocation for agricultural economic factors. Total loan net charge-offs were \$913,000, which included commercial loan net charge-offs of \$109,000, residential mortgage loan net charge-offs of \$45,000 and consumer loan net charge-offs of \$759,000 for the year ending December 31, 2017.

Non-interest Income

The following is a summary of changes in non-interest income:

Non-interest Income	Twelve Months Ended		2017 - 2018		Twelve Months Ended		2016 - 2017	
	December 31, 2018	December 31, 2017	Amount Change	Percent Change	December 31, 2017	December 31, 2016	Amount Change	Percent Change
Service charges on deposit accounts	\$ 7,762	\$ 6,383	\$ 1,379	21.6%	\$ 6,383	\$ 5,762	\$ 621	10.8%
Wire transfer fees	612	658	(46)	-7.0%	658	806	(148)	-18.4%
Interchange fees	5,715	5,104	611	12.0%	5,104	4,165	939	22.5%
Fiduciary activities	7,827	7,894	(67)	-0.8%	7,894	6,621	1,273	19.2%
Gain (loss) on sale of investment securities	(443)	38	(481)	-1265.8%	38	1,836	(1,798)	-97.9%
Gain on sale of mortgage loans	6,613	7,906	(1,293)	-16.4%	7,906	11,675	(3,769)	-32.3%
Mortgage servicing net of impairment	2,120	1,583	537	33.9%	1,583	1,908	(325)	-17.0%
Increase in cash surrender value of bank owned life insurance	1,912	1,797	115	6.4%	1,797	1,643	154	9.4%
Death benefit on officer life insurance	154		154	100.0%				0.0%
Other income	2,141	1,773	368	20.8%	1,773	1,039	734	70.6%
Total non-interest income	\$ 34,413	\$ 33,136	\$ 1,277	3.9%	\$ 33,136	\$ 35,455	\$ (2,319)	-6.5%

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During 2018, the Company originated approximately \$188.8 million of mortgage loans to be sold on the secondary market, compared to \$218.5 million in 2017. This decrease in volume and a decrease in the percentage earned on the sale of mortgage loans, resulted in a decrease in the overall gain on sale of mortgage loans of \$1.3 million compared to the prior year. Gain on the sale of investment securities decreased \$481,000 in 2018. Mortgage servicing net of impairment increased by \$537,000 during 2018 compared to 2017. The increase in service charges on deposit accounts and interchange fee income in 2018 compared to 2017 was the result of growth in transactional deposit accounts and volume during 2018.

During 2017, the Company originated approximately \$218.5 million of mortgage loans to be sold on the secondary market, compared to \$316.9 million in 2016. This decrease in volume, offset by an increase in the percentage earned on the sale of mortgage loans, resulted in a decrease in the overall gain on sale of mortgage loans of \$3.8 million compared to the prior year. Gain on the sale of investment securities decreased \$1.8 million in 2017 as analysis in 2016 determined market conditions provided the opportunity to add gains to capital without negatively impacting long-term earnings, in addition to helping offset the penalties incurred on the repayment of debt as part of a balance sheet restructuring. Mortgage servicing net of impairment decreased by \$325,000 during 2017 compared to 2016. The increase in service charges on deposit accounts and interchange fee income in 2017 compared to 2016 was the result of growth in transactional deposit accounts and volume during 2017. Fiduciary activities income increased \$1.3 million during 2017 as a result of an increase in assets under management. Other income increased \$734,000 in 2017 compared to 2016 reflecting the finalized entries of the Lafayette acquisition which resulted in a gain on accounting for Horizon's previous equity interest of Lafayette totaling \$530,000.

Non-interest Expense

The following is a summary of changes in non-interest expense:

	Twelve Months Ended		2017 - 2018		Twelve Months Ended		2016 - 2017	
	December 31, 2018	December 31, 2017	Amount Change	Percent Change	December 31, 2017	December 31, 2016	Amount Change	Percent Change
Non-interest Expense								
Salaries	\$ 40,857	\$ 36,503	\$ 4,354	11.9%	\$ 36,503	\$ 30,445	\$ 6,058	19.9%
Commission and bonuses	5,547	6,225	(678)	-10.9%	6,225	6,484	(259)	-4.0%
Employee benefits	10,219	8,647	1,572	18.2%	8,647	7,084	1,563	22.1%
Net occupancy expenses	10,482	9,535	947	9.9%	9,535	8,322	1,213	14.6%
Data processing	6,816	5,914	902	15.3%	5,914	5,367	547	10.2%

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Professional fees	1,926	2,490	(564)	-22.7%	2,490	2,752	(262)	-9.5%
Outside services and consultants	5,271	7,018	(1,747)	-24.9%	7,018	7,863	(845)	-10.7%
Loan expense	6,341	4,970	1,371	27.6%	4,970	5,582	(612)	-11.0%
FDIC deposit insurance	1,444	1,046	398	38.0%	1,046	1,559	(513)	-32.9%
Other losses	665	368	297	80.7%	368	684	(316)	-46.2%
Other expenses	12,948	12,097	851	7.0%	12,097	10,750	1,347	12.5%

Total non-interest

expense	\$ 102,516	\$ 94,813	\$ 7,703	8.1%	\$ 94,813	\$ 86,892	\$ 7,921	9.1%
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For the twelve months ended December 31, 2018, salaries and employee benefits expense increased by \$4.4 million and \$1.6 million, respectively, reflecting overall company growth and an increase in health insurance expenses. Loan expense increased \$1.4 million primarily due to the increased volume in indirect lending and the timing of related origination and amortization costs. The increase in net occupancy expenses of \$947,000, data processing of \$902,000, other expense of \$851,000, FDIC insurance expense of \$398,000 and other losses of \$297,000 reflect overall company growth and the acquisitions of Lafayette and Wolverine during the third and fourth quarters of 2017. Offsetting these increases was a decrease of \$1.7 million and \$564,000 in outside services and consultants expense and professional fees, respectively, primarily due to lower acquisition-related expenses in 2018.

For the twelve months ended December 31, 2017, salaries and employee benefits expense increased by \$6.1 million and \$1.6 million, respectively, reflecting additional compensation expense related to performance-based incentive plans, overall company growth and the Lafayette and Wolverine acquisitions. Net occupancy, data processing and other expense increased during 2017 primarily due to overall company growth, market expansions and recent acquisitions. Outside services and consultants expense and professional fees decreased primarily due to a lower amount of acquisition-related expenses in 2017 compared to 2016. The decrease in loan expense reflects a decrease in loan collection expenses when comparing 2017 to 2016. The reduced assessment rate schedule implemented by the FDIC in the fourth quarter of 2016 resulted in the decrease of FDIC insurance expense in 2017. Other losses decreased primarily due to lower debit card fraud-related expenses in 2017.

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Income Taxes

Income tax expense totaled \$10.4 million for the year ended December 31, 2018, a decrease of \$4.4 million when compared to the year ended December 31, 2017. The decrease was primarily due to the impact of the new corporate tax rate established by the Tax Cuts and Jobs Act which was signed into law at the end of 2017 and the benefits from the exercising of stock options. In addition to a lower corporate tax rate being applied to 2018 income, a revaluation to Horizon's net deferred tax asset of \$2.4 million was recorded to income tax expense during the fourth quarter of 2017. Partially offsetting these decreases to income tax expense was an increase in income before income tax expense of \$15.6 million when comparing 2018 to the prior year.

Income tax expense increased \$6.0 million in 2017 totaling \$14.8 million, compared to \$8.8 million in 2016. The majority of the increase was due to an increase in income before taxes of \$15.2 million in 2017. Also included in this increase is an adjustment to Horizon's net deferred tax asset of \$2.4 million (\$1.7 million of net deferred tax assets and \$766,000 of net deferred tax assets related to accumulated other comprehensive income) to reflect the changes made by provisions of the Tax Cuts and Jobs Act signed into law at the end of 2017.

Use of Non-GAAP Financial Measures

Certain information set forth in this report on Form 10-K refers to financial measures determined by methods other than in accordance with GAAP. Specifically, we have included non-GAAP financial measures relating to net income, diluted earnings per share, net interest margin, total loans and loan growth, the allowance for loan and lease losses, tangible stockholders' equity, tangible book value per share and the return on average assets and average common equity. In each case, we have identified special circumstances that we consider to be non-recurring and have excluded them, in order to show the impact of such matters as acquisition-related purchase accounting adjustments, prepayment penalties on borrowings and the Tax Cuts and Jobs Act, among other matters we have identified in our reconciliations. Horizon believes these non-GAAP financial measures are helpful to investors and provide a greater understanding of our business without giving effect to the purchase accounting impacts and one-time costs of acquisitions and non-core items. These measures are not necessarily comparable to similar measures that may be presented by other companies and should not be considered in isolation or as a substitute for the related GAAP measure. See the following tables for reconciliations of the non-GAAP measures identified in this Form 10-K to their most comparable GAAP measures.

Non-GAAP Reconciliation of Net Interest Margin

(Dollars in Thousands, Unaudited)

Years Ended December 31

	2018	2017	2016
<u>Non-GAAP Reconciliation of Net Interest Margin</u>			
Net interest income as reported	\$ 134,569	\$ 112,100	\$ 85,992
Average interest-earning assets	3,697,938	3,074,464	2,683,383
Net interest income as a percentage of average interest-earning assets (Net Interest Margin)	3.71%	3.75%	3.29%
Prepayment penalties on borrowings			4,839
Acquisition-related purchase accounting adjustments (PAUs)	(6,089)	(3,484)	(2,304)
Core net interest income	128,480	108,616	88,527
Core net interest margin	3.54%	3.64%	3.38%

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(Table dollars in thousands except per share data)

Non-GAAP Reconciliation of Tangible Stockholders' Equity and Tangible Book Value per Share

(Dollars in Thousands Except per Share Data, Unaudited)

	December 31 2018	September 30 2018	June 30 2018	March 31 2018	December 31 2017
Total stockholders' equity	\$ 491,992	\$ 477,594	\$ 470,535	\$ 460,416	\$ 457,078
Less: Intangible assets	130,270	130,755	131,239	131,724	132,282
Total tangible stockholders equity	\$ 361,722	\$ 346,839	\$ 339,296	\$ 328,692	\$ 324,796
Common shares outstanding	38,375,407	38,367,890	38,362,640	38,332,853	38,294,729
Tangible book value per common share	\$ 9.43	\$ 9.04	\$ 8.84	\$ 8.57	\$ 8.48

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(Table dollars in thousands except per share data)

Non-GAAP Reconciliation of Net Income and Diluted Earnings per Share

(Dollars in Thousands, Except per Share Data, Unaudited)

	Years Ended December 31		
	2018	2017	2016
<u>Non-GAAP Reconciliation of Net Income</u>			
Net income as reported	\$ 53,117	\$ 33,117	\$ 23,912
Merger expenses	487	3,656	6,827
Tax effect	(102)	(1,003)	(1,998)
Net income excluding merger expenses	53,502	35,770	28,741
Loss (gain) on sale of investment securities	443	(38)	(1,836)
Tax effect	(93)	13	643
Net income excluding gain on sale of investment securities	53,852	35,745	27,548
Death benefit on bank owned life insurance (BOLI)	(154)		
Tax effect	32		
Net income excluding death benefit on BOLI	53,730	35,745	27,548
Prepayment penalty on borrowings			4,839
Tax effect			(1,694)
Net income excluding prepayment penalties on borrowings	53,730	35,745	30,693
Gain on remeasurement of equity interest in Lafayette		(530)	
Tax effect		78	
Net income excluding gain on remeasurement of equity interest in Lafayette	53,730	35,293	30,693
Tax reform bill impact		2,426	
Net income excluding tax reform bill impact	53,730	37,719	30,693
Acquisition-related purchase accounting adjustments (PAUs)	(6,089)	(3,484)	(2,304)

Tax effect	1,279	1,219	807
Core Net Income	\$ 48,920	\$ 35,454	\$ 29,196
<u>Non-GAAP Reconciliation of Diluted Earnings per Share</u>			
Diluted earnings per share (EPS) as reported	\$ 1.38	\$ 0.95	\$ 0.79
Merger expenses	0.01	0.11	0.23
Tax effect		(0.03)	(0.07)
Diluted EPS excluding merger expenses	1.39	1.03	0.95
Loss (gain) on sale of investment securities	0.01		(0.06)
Tax effect			0.02
Diluted EPS excluding gain on sale of investment securities	1.40	1.03	0.91
Death benefit on BOLI			
Tax effect			
Diluted EPS excluding death benefit on BOLI	1.40	1.03	0.91
Prepayment penalty on borrowings			0.16
Tax effect			(0.05)
Diluted EPS excluding prepayment penalties on borrowings	1.40	1.03	1.02
Gain on remeasurement of equity interest in Lafayette		(0.01)	
Tax effect			
Diluted EPS excluding gain on remeasurement of equity interest in Lafayette	1.40	1.02	1.02
Tax reform bill impact		0.07	
Diluted EPS excluding tax reform bill impact	1.40	1.09	1.02
Acquisition-related PAUs	(0.16)	(0.10)	(0.07)
Tax effect	0.03	0.03	0.02
Core Diluted EPS	\$ 1.27	\$ 1.02	\$ 0.97

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(Table dollars in thousands except per share data)

Non-GAAP Reconciliation of Return on Average Assets and Return on Average Common Equity

(Dollars in Thousands, Unaudited)

	Years Ended December 31		
	2018	2017	2016
<u>Non-GAAP Reconciliation of Return on Average Assets</u>			
Average assets	\$ 4,062,635	\$ 3,396,873	\$ 2,961,622
Return on average assets (ROAA) as reported	1.31%	0.97%	0.81%
Merger expenses	0.01%	0.11%	0.23%
Tax effect	0.00%	-0.03%	-0.07%
ROAA excluding merger expenses	1.32%	1.05%	0.97%
Gain on sale of investment securities	0.01%	0.00%	-0.06%
Tax effect	0.00%	0.00%	0.02%
ROAA excluding gain on sale of investment securities	1.33%	1.05%	0.93%
Death benefit on bank owned life insurance (BOLI)	0.00%	0.00%	0.00%
Tax effect	0.00%	0.00%	0.00%
ROAA excluding death benefit on BOLI	1.33%	1.05%	0.93%
Prepayment penalties on borrowings	0.00%	0.00%	0.17%
Tax effect	0.00%	0.00%	-0.06%
ROAA excluding prepayment penalties on borrowings	1.33%	1.05%	1.04%
Gain on remeasurement of equity interest in Lafayette	0.00%	-0.02%	0.00%
Tax effect	0.00%	0.00%	0.00%
ROAA excluding gain on remeasurement of equity interest in Lafayette	1.33%	1.03%	1.04%

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Tax reform bill impact	0.00%	0.07%	0.00%
ROAA excluding tax reform bill impact	1.33%	1.10%	1.04%
Acquisition-related purchase accounting adjustments (PAUs)	-0.15%	-0.10%	-0.08%
Tax effect	0.03%	0.04%	0.03%
Core ROAA	1.21%	1.04%	0.99%

Non-GAAP Reconciliation of Return on Average Common Equity

Average Common Equity	\$ 473,420	\$ 378,709	\$ 301,485
Return on average common equity (ROACE) as reported	11.22%	8.74%	7.93%
Merger expenses	0.10%	0.97%	2.26%
Tax effect	-0.02%	-0.26%	-0.66%
ROACE excluding merger expenses	11.30%	9.45%	9.53%
Gain on sale of investment securities	0.09%	-0.01%	-0.61%
Tax effect	-0.02%	0.00%	0.21%
ROACE excluding gain on sale of investment securities	11.37%	9.44%	9.13%
Death benefit on bank owned life insurance (BOLI)	-0.03%	0.00%	0.00%
Tax effect	0.01%	0.00%	0.00%
ROACE excluding death benefit on BOLI	11.35%	9.44%	9.13%
Prepayment penalties on borrowings	0.00%	0.00%	1.61%
Tax effect	0.00%	0.00%	-0.56%
ROACE excluding prepayment penalties on borrowings	11.35%	9.44%	10.18%
Gain on remeasurement of equity interest in Lafayette	0.00%	-0.14%	0.00%
Tax effect	0.00%	0.02%	0.00%
ROACE excluding gain on remeasurement of equity interest in Lafayette	11.35%	9.32%	10.18%
Tax reform bill impact	0.00%	0.64%	0.00%
ROACE excluding tax reform bill impact	11.35%	9.96%	10.18%
Acquisition-related purchase accounting adjustments (PAUs)	-1.29%	-0.92%	-0.76%
Tax effect	0.27%	0.32%	0.27%
Core ROACE	10.33%	9.36%	9.69%

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(Table dollars in thousands except per share data)

Non-GAAP Allowance for Loan and Lease Loss Detail**As of December 31, 2018**

(Dollars in Thousands, Unaudited)

	Pre-discount Loan Balance	Allowance for Loan Losses (ALLL)	Loan Discount	ALLL + Loan Discount	Loans, net Loan Balance	ALLL/ Pre-discount Loan Balance	Loan Discount/ Pre-discount Loan Balance	Loan ALLL+Loan Discount/ Pre-discount Loan Balance
Horizon Legacy	\$ 2,482,496	\$ 17,760	N/A	\$ 17,760	\$ 2,464,736	0.72%	0.00%	0.72%
Heartland	9,085		685	685	8,400	0.00%	7.54%	7.54%
Summit	21,691		1,186	1,186	20,505	0.00%	5.47%	5.47%
Peoples	86,634		1,958	1,958	84,676	0.00%	2.26%	2.26%
Kosciusko	38,578		615	615	37,963	0.00%	1.59%	1.59%
LaPorte	88,134	60	2,985	3,045	85,089	0.07%	3.39%	3.46%
CNB	4,499		118	118	4,381	0.00%	2.62%	2.62%
Lafayette	89,446		1,427	1,427	88,019	0.00%	1.60%	1.60%
Wolverine	193,807		2,723	2,723	191,084	0.00%	1.41%	1.41%
Total	\$ 3,014,370	\$ 17,820	\$ 11,697	\$ 29,517	\$ 2,984,853	0.59%	0.39%	0.98%

Liquidity and Rate Sensitivity Management

Management and the Board of Directors meet regularly to review both the liquidity and rate sensitivity position of Horizon. Effective asset and liability management ensures Horizon's ability to monitor the cash flow requirements of depositors along with the demands of borrowers and to measure and manage interest rate risk. Horizon utilizes an interest rate risk assessment model designed to highlight sources of existing interest rate risk and consider the effect of these risks on strategic planning. Management maintains (within certain parameters) an essentially balanced ratio of interest sensitive assets to liabilities in order to protect against the effects of wide interest rate fluctuations.

Liquidity

The Bank maintains a stable base of core deposits provided by long standing relationships with consumers and local businesses. These deposits are the principal source of liquidity for Horizon. Other sources of liquidity for Horizon include earnings, loan repayments, investment security sales and maturities, sale of real estate loans and borrowing

relationships with correspondent banks, including the FHLB and the Federal Reserve Bank (FRB). At December 31, 2018, Horizon had available approximately \$340.3 million in available credit from various money center banks, including the FHLB and the FRB Discount Window. Factors which could impact Horizon s funding needs in the future include:

Horizon had outstanding borrowings of over \$356.6 million with the FHLB and total borrowing capacity with the FHLB of \$558.6 million. Generally, the loan terms from the FHLB are better than the terms Horizon can receive from other sources, making it less expensive to borrow money from the FHLB. Financial difficulties at the FHLB could reduce or eliminate Horizon s additional borrowing capacity with the FHLB or the FHLB could change collateral requirements, which could lower the Company s borrowing availability.

If residential mortgage loan rates remain low, Horizon s mortgage warehouse loans could create an additional need for funding.

Horizon had a total of \$47.0 million of unused Federal Fund lines from various money center banks. These are uncommitted lines and could be withdrawn at any time by the correspondent banks.

Horizon had a total of \$93.2 million of available collateral at the FRB secured by municipal securities. These securities may mature, call, or be sold, which would reduce the available collateral.

Horizon had approximately \$648.6 million of unpledged investment securities at December 31, 2018.

A downgrade in Horizon s ability to obtain credit due to factors such as deterioration in asset quality, a large charge to earnings, a decline in profitability or other financial measures, or a significant merger or acquisition.

An act of terrorism or war, natural disasters, political events, or the default or bankruptcy of a major corporation, mutual fund, hedge fund or a government agency.

Market speculation or rumors about Horizon or the banking industry in general may adversely affect the cost and availability of normal funding sources.

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If any of these events occur, they could force Horizon to borrow money from other sources including negotiable certificates of deposit. Such other monies may only be available at higher interest rates and on less advantageous terms, which will impact our net income and could impact our ability to grow. Management believes Horizon has adequate funding sources to meet short and long term needs.

Horizon maintains a liquidity contingency plan that outlines the process for addressing a liquidity crisis. The plan provides for an evaluation of funding sources under various market conditions. It also assigns specific roles and responsibilities for effectively managing liquidity through a problem period.

During 2018, cash flows were generated primarily from the sales, maturities, and prepayments of investment securities of \$131.7 million and an increase in deposits of \$258.4 million. Cash flows were used to purchase investments totaling \$243.1 million, to fund an increase in loans of \$182.6 million, to purchase \$10.4 million in bank owned life insurance and a decrease in borrowings of \$13.6 million. The net cash and cash equivalent position decreased by \$2.2 million during 2018.

The following table sets forth contractual obligations and other commitments representing required and potential cash outflows as of December 31, 2018. Interest on subordinated debentures and long-term borrowed funds is calculated based on current contractual interest rates.

	Total	Within One Year	After one but within three years	After three but within five years	After five years
Remaining contractual maturities of time deposits	\$ 812,911	\$ 525,801	\$ 237,884	\$ 30,752	\$ 18,474
Borrowings	550,384	485,557	42,514	12,268	10,045
Subordinated debentures	37,837				37,837
Loan commitments	873,792	258,071	615,721		
Letters of credit	4,792	2,746	2,046		
Total	\$ 2,279,716	\$ 1,272,175	\$ 898,165	\$ 43,020	\$ 66,356

Interest Rate Sensitivity

The degree by which net interest income may fluctuate due to changes in interest rates is monitored by Horizon using computer simulation models, incorporating not only the current GAP position but the effect of expected repricing of

specific financial assets and liabilities. When repricing opportunities are not properly aligned, net interest income may be affected when interest rates change. Forecasting results of the possible outcomes determines the exposure to interest rate risk inherent in Horizon's balance sheet. The goal is to manage imbalanced positions that arise when the total amount of assets that reprice or mature in a given time period differs significantly from liabilities that reprice or mature in the same time period. The theory behind managing the difference between repricing assets and liabilities is to have more assets repricing in a rising rate environment and more liabilities repricing in a declining rate environment. Based on a model that assumes a lag in repricing, at December 31, 2018, the amount of assets that reprice within one year was 148% of liabilities that reprice within one year. At December 31, 2017, this same model reported that the amount of assets that reprice within one year was approximately 191% of the amount of liabilities that reprice within the same time period. The year 2018 was a rising rate environment and the yields on assets repriced at higher rates due to increasing interest rates and a competitive environment. However, the impact of higher funding costs negatively impacted the net interest margin.

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(Table dollars in thousands except per share data)

	3 Months or Less	> 3 Months & <= 6 Months	> 6 Months & <= 1 Year	Greater Than 1 Year	Total
Loans	\$ 1,031,685	\$ 217,347	\$ 335,763	\$ 1,429,575	\$ 3,014,370
Federal funds sold	2,713				2,713
Interest-earning balances with banks	16,407				16,407
Investment securities and FHLB stock	42,362	22,037	51,850	712,284	828,533
Other assets				384,665	384,665
Total assets	\$ 1,093,167	\$ 239,384	\$ 387,613	\$ 2,526,524	\$ 4,246,688
Noninterest-bearing deposits	\$ 15,941	\$ 15,941	\$ 31,882	\$ 578,365	\$ 642,129
Interest-bearing deposits	186,868	194,957	344,061	1,771,361	2,497,247
Borrowed funds	298,309	57,209	18,311	214,392	588,221
Other liabilities				27,099	27,099
Stockholders' equity				491,992	491,992
Total liabilities and stockholders' equity	\$ 501,118	\$ 268,107	\$ 394,254	\$ 3,083,209	\$ 4,246,688
GAP	\$ 592,049	\$ (28,723)	\$ (6,641)	\$ (556,685)	
Cumulative GAP	\$ 592,049	\$ 563,326	\$ 556,685		

Quantitative and Qualitative Disclosures about Market Risk

Horizon's primary market risk exposure is interest rate risk. Interest rate risk (IRR) is the risk that Horizon's earnings and capital will be adversely affected by changes in interest rates. The primary approach to IRR management is one that focuses on adjustments to the asset/liability mix in order to limit the magnitude of IRR.

Horizon's exposure to interest rate risk arises from repricing or mismatch risk, embedded options risk, and yield curve risk. Repricing risk is the risk of adverse consequence from a change in interest rates that arises because of differences in the timing of when those interest rate changes affect Horizon's assets and liabilities. Basis risk is the risk that the spread, or rate difference, between instruments of similar maturities will change. Options risk arises whenever products give the customer the right, but not the obligation, to alter the quantity or timing of cash flows. Yield curve risk is the risk that changes in prevailing interest rates will affect instruments of different maturities by different amounts. Horizon's objective is to remain reasonably neutral with respect to IRR. Horizon utilizes a variety of strategies to maintain this position, including the sale of mortgage loans on the secondary market, hedging certain balance sheet items using derivatives, varying maturities of FHLB advances, certificates of deposit funding and investment securities.

The table which follows provides information about Horizon's financial instruments that were sensitive to changes in interest rates as of December 31, 2018. The table incorporates Horizon's internal system generated data related to the maturity and repayment/withdrawal of interest-earning assets and interest-bearing liabilities. For loans, securities and liabilities with contractual maturities, the table presents principal cash flows and related weighted-average interest rates by contractual maturities as well as the historical experience of Horizon related to the impact of interest rate fluctuations on the prepayment of residential loans and mortgage-backed securities. From a risk management perspective, Horizon believes that repricing dates are more relevant than contractual maturity dates when analyzing the value of financial instruments. For deposits with no contractual maturity dates, the table presents principal cash flows and weighted average rate, as applicable, based upon Horizon's experience and management's judgment concerning the most likely withdrawal behaviors.

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	2019	2020	2021	2022	2023	2024 & Beyond	Total	Fair Value December 31, 2018
Rate-sensitive assets								
Fixed interest rate loans	\$ 620,469	\$ 318,595	\$ 203,792	\$ 119,334	\$ 63,774	\$ 86,431	\$ 1,412,395	\$ 1,286,544
Average interest rate	4.70%	4.68%	4.71%	4.83%	4.90%	4.82%	4.72%	
Variable interest rate loans	977,379	127,307	108,337	93,139	79,358	216,455	1,601,975	1,605,392
Average interest rate	4.88%	4.42%	4.32%	4.49%	4.44%	3.78%	4.61%	
Total loans	1,597,848	445,902	312,129	212,473	143,132	302,886	3,014,370	2,891,940
Average interest rate	4.81%	4.60%	4.58%	4.68%	4.65%	4.08%	4.66%	
Securities, including FHLB stock	116,249	79,052	75,399	74,416	58,304	425,113	828,533	828,533
Average interest rate	2.35%	2.96%	2.99%	3.12%	3.06%	3.65%	3.25%	
Other interest-earning assets	19,120						19,120	19,120
Average interest rate	2.96%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	
Total earning assets	\$ 1,733,217	\$ 524,954	\$ 387,528	\$ 286,889	\$ 201,436	\$ 727,999	\$ 3,862,023	\$ 3,739,590
Average interest rate	4.62%	4.36%	4.27%	4.27%	4.19%	3.83%	4.35%	
Rate-sensitive liabilities								
Noninterest-bearing deposits	\$ 63,765	\$ 57,432	\$ 51,729	\$ 46,592	\$ 41,965	\$ 380,646	\$ 642,129	\$ 642,129
NOW accounts	45,759	40,309	35,508	31,279	27,554	203,794	384,203	358,073
Average interest rate	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	0.28%	

average interest rate								
savings and money market accounts	154,182	135,715	119,479	105,203	92,649	692,905	1,300,133	1,213,223
average interest rate	0.81%	0.81%	0.80%	0.80%	0.79%	0.74%	0.77%	
certificates of deposit	525,946	137,474	68,957	31,285	30,750	18,499	812,911	805,974
average interest rate	1.86%	1.94%	2.13%	2.10%	2.22%	1.95%	1.92%	
total deposits	789,652	370,930	275,673	214,359	192,918	1,295,844	3,139,376	3,019,400
average interest rate	1.41%	1.05%	0.92%	0.74%	0.77%	0.47%	0.85%	
fixed interest rate borrowings	350,726	56,388	17,948	13,178	20	60,008	498,268	495,730
average interest rate	1.68%	2.04%	2.48%	3.97%	4.90%	2.71%	1.93%	
variable interest rate borrowings	89,953						89,953	82,280
average interest rate	2.89%	0.00%	0.00%	0.00%	0.00%	0.00%	2.89%	
total funds	\$ 1,230,331	\$ 427,318	\$ 293,621	\$ 227,537	\$ 192,938	\$ 1,355,852	\$ 3,727,597	\$ 3,597,420
average interest rate	1.60%	1.18%	1.01%	0.93%	0.77%	0.56%	1.04%	

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The information required under this item is incorporated by reference to the information appearing in Management's Discussion and Analysis of Financial Condition and Results of Operations included in Item 7.

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ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

HORIZON BANCORP, INC. AND SUBSIDIARIES

Consolidated Financial Statements

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(Dollar Amounts in Thousands)

	December 31 2018	December 31 2017
Assets		
Cash and due from banks	\$ 58,492	\$ 59,980
Interest-earning time deposits	15,744	16,461
Investment securities, available for sale	600,348	509,665
Investment securities, held to maturity (fair value of \$208,273 and \$201,085)	210,112	200,448
Loans held for sale	1,038	3,094
Loans, net of allowance for loan losses of \$17,820 and \$16,394	2,995,512	2,818,786
Premises and equipment, net	74,331	75,529
Federal Home Loan Bank stock	18,073	18,105
Goodwill	119,880	119,880
Other intangible assets	10,390	12,402
Interest receivable	14,239	13,059
Cash value of life insurance	88,062	75,931
Other assets	40,467	40,963
Total assets	\$ 4,246,688	\$ 3,964,303
Liabilities		
Deposits		
Non-interest bearing	\$ 642,129	\$ 601,805
Interest bearing	2,497,247	2,279,198
Total deposits	3,139,376	2,881,003
Borrowings	550,384	564,157
Subordinated debentures	37,837	37,653
Interest payable	2,031	886
Other liabilities	25,068	23,526
Total liabilities	3,754,696	3,507,225
Commitments and contingent liabilities		
Stockholders Equity		
Preferred stock, Authorized, 1,000,000 shares, Issued 0 shares		
Common stock, no par value, Authorized 99,000,000 shares (Restated See Note 1) Issued 38,400,476 and 38,323,604 shares (Restated See Note 1), Outstanding 38,375,407 and 38,294,729 shares (Restated See Note 1)		
Additional paid-in capital	276,101	275,059
Retained earnings	224,035	185,570

Accumulated other comprehensive loss	(8,144)	(3,551)
Total stockholders' equity	491,992	457,078
Total liabilities and stockholders' equity	\$ 4,246,688	\$ 3,964,303

See notes to consolidated financial statements

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Consolidated Statements of Income**

(Dollar Amounts in Thousands, Except Per Share Data)

	Years Ended December 31		
	2018	2017	2016
Interest Income			
Loans receivable	\$ 147,478	\$ 112,329	\$ 91,569
Investment securities			
Taxable	10,621	9,086	10,039
Tax exempt	8,069	7,068	4,921
Total interest income	166,168	128,483	106,529
Interest Expense			
Deposits	18,225	7,901	6,616
Borrowed funds	11,009	6,178	11,807
Subordinated debentures	2,365	2,304	2,114
Total interest expense	31,599	16,383	20,537
Net Interest Income	134,569	112,100	85,992
Provision for loan losses	2,906	2,470	1,842
Net Interest Income after Provision for Loan Losses	131,663	109,630	84,150
Non-interest Income			
Service charges on deposit accounts	7,762	6,383	5,762
Wire transfer fees	612	658	806
Interchange fees	5,715	5,104	4,165
Fiduciary activities	7,827	7,894	6,621
Gains (losses) on sale of investment securities (includes \$(443), \$38 and \$1,836 for the years ended December 31, 2018, 2017 and 2016, respectively, related to accumulated other comprehensive earnings reclassifications)	(443)	38	1,836
Gain on sale of mortgage loans	6,613	7,906	11,675
Mortgage servicing income net of impairment	2,120	1,583	1,908
Increase in cash value of bank owned life insurance	1,912	1,797	1,643
Death benefit on bank owned life insurance	154		
Other income	2,141	1,773	1,039
Total non-interest income	34,413	33,136	35,455
Non-interest Expense			
Salaries and employee benefits	56,623	51,375	44,013

Net occupancy expenses	10,482	9,535	8,322
Data processing	6,816	5,914	5,367
Professional fees	1,926	2,490	2,752
Outside services and consultants	5,271	7,018	7,863
Loan expense	6,341	4,970	5,582
FDIC insurance expense	1,444	1,046	1,559
Other losses	665	368	684
Other expense	12,948	12,097	10,750
Total non-interest expense	102,516	94,813	86,892
Income Before Income Taxes	63,560	47,953	32,713
Income tax expense (includes \$(93), \$13 and \$643 for the years ended December 31, 2018, 2017 and 2016, respectively, related to income tax expense (benefit) from reclassification items)	10,443	14,836	8,801
Net Income	53,117	33,117	23,912
Preferred stock dividend			(42)
Net Income Available to Common Shareholders	\$ 53,117	\$ 33,117	\$ 23,870
Basic Earnings Per Share	\$ 1.39	\$ 0.96	\$ 0.80
Diluted Earnings Per Share	1.38	0.95	0.79
See notes to consolidated financial statements			

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Consolidated Statements of Comprehensive Income**

(Dollar Amounts in Thousands)

	Years Ended December 31		
	2018	2017	2016
Net Income	\$ 53,117	\$ 33,117	\$ 23,912
Other Comprehensive Income (Loss)			
Change in fair value of derivative instruments:			
Change in fair value of derivative instruments for the period	(32)	1,404	9
Income tax effect	7	(491)	(3)
Changes from derivative instruments	(25)	913	6
Change in securities:			
Unrealized appreciation (depreciation) for the period on AFS securities	(5,067)	2,110	(5,091)
Amortization from transfer of securities from available for sale to held to maturity securities	(190)	(256)	(653)
Reclassification adjustment for securities (gains) losses realized in income	443	(38)	(1,836)
Income tax effect	1,012	(636)	2,653
Unrealized gains (losses) on securities	(3,802)	1,180	(4,927)
Other Comprehensive Income (Loss), Net of Tax	(3,827)	2,093	(4,921)
Comprehensive Income	\$ 49,290	\$ 35,210	\$ 18,991

See notes to consolidated financial statements

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HORIZON BANCORP, INC. AND SUBSIDIARIES

Consolidated Statements of Stockholders Equity

(Dollar Amounts in Thousands, Except Per Share Data)

	Preferred Stock	Common Stock	Additional Paid-in Capital	Retained Earnings	Accumulated Other Comprehensive Loss	Total
Balances, January 1, 2016	\$ 12,500	\$	\$ 106,370	\$ 148,685	\$ (723)	\$ 266,832
Net income				23,912		23,912
Other comprehensive income, net of tax					(4,921)	(4,921)
Redemption of preferred stock	(12,500)					(12,500)
Amortization of unearned compensation			284			284
Stock option expense			324			324
Stock issued stock plans			572			572
Stock issued Kosciusko acquisition			14,470			14,470
Stock issued LaPorte acquisition			60,306			60,306
Cash dividends on preferred stock (1.00%)				(42)		(42)
Cash dividends on common stock (\$0.27 per share)				(8,382)		(8,382)
Balances, December 31, 2016	\$	\$	\$ 182,326	\$ 164,173	\$ (5,644)	\$ 340,855
Net income				33,117		33,117
Other comprehensive income, net of tax					2,093	2,093
Amortization of unearned compensation			135			135
Exercise of stock options			1,604			1,604
Stock option expense			325			325
Stock issued in Lafayette acquisition			28,558			28,558
Stock issued in Wolverine acquisition			62,111			62,111
Cash dividends on common stock (\$0.33 per share)				(11,720)		(11,720)
Balances, December 31, 2017	\$	\$	\$ 275,059	\$ 185,570	\$ (3,551)	\$ 457,078
Net income				53,117		53,117
Other comprehensive loss, net of tax					(3,827)	(3,827)
Amortization of unearned compensation			169			169
Exercise of stock options			493			493
Stock option expense			251			251

Stock issued stock plans			129			129
Reclassification of tax adjustment on accumulated other comprehensive loss			766		(766)	
Cash dividends on common stock (\$0.40 per share)			(15,418)		(15,418)	
Balances, December 31, 2018	\$	\$	\$ 276,101	\$ 224,035	\$ (8,144)	\$ 491,992

See notes to consolidated financial statements

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Consolidated Statements of Cash Flows**

(Dollar Amounts in Thousands)

	Years Ended December 31		
	2018	2017	2016
Operating Activities			
Net income	\$ 53,117	\$ 33,117	\$ 23,912
Items not requiring (providing) cash			
Provision for loan losses	2,906	2,470	1,842
Depreciation and amortization	6,813	5,936	5,275
Share based compensation	251	325	324
Mortgage servicing rights, net impairment	(60)	80	110
Premium amortization on securities, net	5,798	6,024	6,162
Loss (gain) on sale of investment securities	443	(38)	(1,836)
Gain on sale of mortgage loans	(6,613)	(7,906)	(11,675)
Proceeds from sales of loans	197,492	231,410	328,377
Loans originated for sale	(188,823)	(218,511)	(316,875)
Change in cash value life insurance	(1,912)	(1,797)	(1,618)
Death benefit on bank owned life insurance	154		
Loss (gain) on sale of other real estate owned	(209)	(4)	261
Net change in:			
Interest receivable	(1,180)	(2,591)	(544)
Interest payable	1,145	152	(275)
Other assets	2,460	6,173	489
Other liabilities	658	(5,776)	(8,381)
Net cash provided by operating activities	72,440	49,064	25,548
Investing Activities			
Purchases of securities available for sale	(214,706)	(149,376)	(225,555)
Proceeds from sales, maturities, calls and principal repayments of securities available for sale	123,377	85,587	269,587
Purchases of securities held to maturity	(28,374)	(31,794)	(45,832)
Proceeds from maturities of securities held to maturity	8,301	13,376	30,843
Net change in interest-earning time deposits	717	950	(4,083)
Change in Federal Reserve and FHLB stock	32	8,987	(5,448)
Net change in loans	(182,637)	(251,821)	32,099
Proceeds on the sale of OREO and repossessed assets	3,258	4,238	2,572
Change in premises and equipment, net	(3,434)	(2,689)	(1,383)
Purchases of bank owned life insurance	(10,450)		
Net cash received in acquisition, Kosciusko			30,437
Net cash received in acquisition, LaPorte			116,521
Net cash received in acquisition, CNB			22,549

Net cash received in acquisition of branch		11,000	
Net cash received in acquisition, Lafayette		20,425	
Gain on remeasurement of equity interest in Lafayette		(530)	
Net cash received in acquisition, Wolverine		12,723	
Net cash provided by (used in) investing activities	(303,916)	(278,924)	222,307
Financing Activities			
Net change in:			
Deposits	258,373	(13,360)	46,590
Borrowings	(13,589)	259,895	(255,994)
Redemption of preferred stock			(12,500)
Proceeds from issuance of stock	622	1,604	572
Dividends paid on common stock	(15,418)	(11,720)	(8,382)
Dividends paid on preferred stock			(42)
Net cash provided by (used in) financing activities	229,988	236,419	(229,756)
Net Change in Cash and Cash Equivalents	(1,488)	6,559	18,099
Cash and Cash Equivalents, Beginning of Period	59,980	53,421	35,322
Cash and Cash Equivalents, End of Period	\$ 58,492	\$ 59,980	\$ 53,421
Additional Supplemental Information			
Interest paid	\$ 30,454	\$ 15,969	\$ 20,572
Income taxes paid	6,819	10,350	6,916
Transfer of loans to other real estate	3,005	2,411	3,679
See notes to consolidated financial statements			

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HORIZON BANCORP, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements

(Table dollars in thousands except for per share data)

Note 1 Nature of Operations and Summary of Significant Accounting Policies

Nature of Business The consolidated financial statements of Horizon Bancorp, Inc. (Horizon) and its wholly owned subsidiaries, Horizon Bank (Bank) and Horizon Risk Management, Inc., together referred to as Horizon conform to accounting principles generally accepted in the United States of America and reporting practices followed by the banking industry. Horizon Risk Management, Inc. is a captive insurance company incorporated in Nevada and was formed as a wholly owned subsidiary of Horizon.

The Bank is a full-service commercial bank offering a broad range of commercial and retail banking and other services incident to banking along with a trust department that offers corporate and individual trust and agency services and investment management services. The Bank maintains 62 full service offices. The Bank has wholly owned direct and indirect subsidiaries: Horizon Investments, Inc. (Horizon Investments), Horizon Properties, Inc. (Horizon Properties), Horizon Insurance Services, Inc. (Horizon Insurance) and Horizon Grantor Trust. Horizon Investments manages the investment portfolio of the Bank. Horizon Properties manages the real estate investment trust. Horizon Insurance is used by the Company's Wealth Management to sell certain insurance products. Horizon Grantor Trust holds title to certain company owned life insurance policies. Horizon conducts no business except that incident to its ownership of the subsidiaries.

Horizon formed Horizon Bancorp Capital Trust II in 2004 (Trust II) and Horizon Bancorp Capital Trust III in 2006 (Trust III) for the purpose of participating in pooled trust preferred securities offerings. The Company assumed additional debentures as the result of the following acquisitions: Alliance Financial Corporation in 2005, which formed Alliance Financial Statutory Trust I (Alliance Trust); American Trust & Savings Bank in 2010, which formed Am Tru Statutory Trust I (Am Tru Trust); Heartland Bancshares, Inc. in 2013, which formed Heartland (IN) Statutory Trust II (Heartland Trust); and LaPorte Bancorp, Inc. in 2016, which acquired City Savings Statutory Trust I (City Savings Trust) in 2007. See Note 15 of the Consolidated Financial Statements for further discussion regarding these previously consolidated entities that are now reported separately. The business of Horizon is not seasonal to any material degree.

Basis of Reporting The consolidated financial statements include the accounts of Horizon and subsidiaries. All material inter-company accounts and transactions have been eliminated in consolidation.

Use of Estimates The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenue and expenses during the reporting period. Actual results could differ from those estimates.

Material estimates that are particularly susceptible to significant change relate to the determination of the allowance for loan losses, valuation of other real estate owned, goodwill and intangible assets, mortgage servicing rights, other-than-temporary impairments and fair values of financial instruments.

Fair Value Measurements Horizon uses fair value measurements to record fair value adjustments, to certain assets, and liabilities and to determine fair value disclosures. Horizon has adopted Accounting Standards Codification (ASC) 820, Fair Value Measurements and Disclosures for all applicable financial and nonfinancial assets and liabilities. This accounting guidance defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements. This guidance applies only when other guidance requires or permits assets or liabilities to be measured at fair value; it does not expand the use of fair value in any new circumstances.

As defined in codification, fair value is the price to sell an asset or transfer a liability in an orderly transaction between market participants. It represents an exit price at the measurement date. Market participants are buyers and sellers, who are independent, knowledgeable, and willing and able to transact in the principal (or most advantageous) market for the asset or liability being measured. Current market conditions, including imbalances between supply and demand, are considered in determining fair value. Horizon values its assets and liabilities in the principal market where it sells the particular asset or

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transfers the liability with the greatest volume and level of activity. In the absence of a principal market, the valuation is based on the most advantageous market for the asset or liability (i.e., the market where the asset could be sold or the liability transferred at a price that maximizes the amount to be received for the asset or minimizes the amount to be paid to transfer the liability).

In measuring the fair value of an asset, Horizon assumes the highest and best use of the asset by a market participant to maximize the value of the asset, and does not consider the intended use of the asset.

When measuring the fair value of a liability, Horizon assumes that the nonperformance risk associated with the liability is the same before and after the transfer. Nonperformance risk is the risk that an obligation will not be satisfied and encompasses not only Horizon's own credit risk (i.e., the risk that Horizon will fail to meet its obligation), but also other risks such as settlement risk. Horizon considers the effect of its own credit risk on the fair value for any period in which fair value is measured.

There are three acceptable valuation techniques that can be used to measure fair value: the market approach, the income approach and the cost approach. Selection of the appropriate technique for valuing a particular asset or liability takes into consideration the exit market, the nature of the asset or liability being valued, and how a market participant would value the same asset or liability. Ultimately, determination of the appropriate valuation method requires significant judgment, and sufficient knowledge and expertise are required to apply the valuation techniques.

Valuation inputs refer to the assumptions market participants would use in pricing a given asset or liability using one of the three valuation techniques. Inputs can be observable or unobservable. Observable inputs are those assumptions which market participants would use in pricing the particular asset or liability. These inputs are based on market data and are obtained from a source independent of Horizon. Unobservable inputs are assumptions based on Horizon's own information or estimate of assumptions used by market participants in pricing the asset or liability. Unobservable inputs are based on the best and most current information available on the measurement date. All inputs, whether observable or unobservable, are ranked in accordance with a prescribed fair value hierarchy which gives the highest ranking to quoted prices (unadjusted) in active markets for identical assets or liabilities (Level 1) and the lowest ranking to unobservable inputs (Level 3). Fair values for assets or liabilities classified as Level 2 are based on one or a combination of the following factors: (i) quoted prices for similar assets; (ii) observable inputs for the asset or liability, such as interest rates or yield curves; or (iii) inputs derived principally from or corroborated by observable market data. The level in the fair value hierarchy within which the fair value measurement in its entirety falls is determined based on the lowest level input that is significant to the fair value measurement in its entirety. The Company considers an input to be significant if it drives 10% or more of the total fair value of a particular asset or liability.

Assets and liabilities are considered to be fair valued on a recurring basis if fair value is measured regularly (i.e., daily, weekly, monthly or quarterly). Recurring valuation occurs at a minimum on the measurement date. Assets and liabilities are considered to be fair valued on a nonrecurring basis if the fair value measurement of the instrument does not necessarily result in a change in the amount recorded on the balance sheet. Generally, nonrecurring valuation is the

result of the application of other accounting pronouncements which require assets or liabilities to be assessed for impairment or recorded at the lower of cost or fair value. The fair value of assets or liabilities transferred in or out of Level 3 is measured on the transfer date, with any additional changes in fair value subsequent to the transfer considered to be realized or unrealized gains or losses.

Investment Securities Available for Sale Horizon designates the majority of its investment portfolio as available for sale based on management's plans to use such securities for asset and liability management, liquidity and not to hold such securities as long-term investments. Management repositions the portfolio to take advantage of future expected interest rate trends when Horizon's long-term profitability can be enhanced. Investment securities available for sale and marketable equity securities are carried at estimated fair value and any net unrealized gains/losses (after tax) on these securities are included in accumulated other comprehensive income. Amortization of premiums and accretion of discounts are recorded as interest income from securities. Gains/losses on the disposition of securities available for sale are recognized at the time of the transaction and are determined by the specific identification method.

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Investment Securities Held to Maturity Includes any security for which Horizon has the positive intent and ability to hold until maturity. These securities are carried at amortized cost.

Loans Held for Sale Mortgage loans originated and intended for sale in the secondary market are carried at the lower of cost or fair value in the aggregate. Net unrealized losses, if any, are recognized through a valuation allowance by charges to noninterest income. Gains and losses on loan sales are recorded in noninterest income, and direct loan origination costs and fees are deferred at origination of the loan and are recognized in noninterest income upon sale of the loan.

Interest and Fees on Loans Interest on commercial, mortgage and installment loans is recognized over the term of the loans based on the principal amount outstanding. When principal or interest is past due 90 days or more, and the loan is not well secured or in the process of collection, or when serious doubt exists as to the collectability of a loan, the accrual of interest is discontinued. Loan origination fees, net of direct loan origination costs, are deferred and recognized over the life of the loan as a yield adjustment. Discounts and premiums on purchased loans are amortized to income using the interest method over the remaining period to contractual maturity, adjusted for anticipated prepayments.

Concentrations of Credit Risk The Bank grants commercial, real estate, and consumer loans to customers located primarily in the Northern and Central regions of Indiana and the Southern, Central and Great Lakes Bay regions of Michigan and provides mortgage warehouse lines to mortgage companies in the United States. Commercial loans make up approximately 57% of the loan portfolio and are secured by both real estate and business assets. These loans are expected to be repaid from cash flows from operations of the businesses. The Bank does not have a concentration in speculative commercial real estate loans. Residential real estate loans make up approximately 22% of the loan portfolio and are secured by residential real estate. Installment loans make up approximately 18% of the loan portfolio and are primarily secured by consumer assets. Mortgage warehouse loans make up approximately 3% of the loan portfolio and are secured by residential real estate.

Mortgage Warehouse Loans Horizon's mortgage warehousing has specific mortgage companies as customers of the Bank. Individual mortgage loans originated by these mortgage companies are funded as a secured borrowing with pledge of collateral under Horizon's agreement with the mortgage company. Each individual mortgage is assigned to Horizon until the loan is sold to the secondary market by the mortgage company. In addition, Horizon takes possession of each original note and forwards such note to the end investor once the mortgage company has sold the loan. At the time a loan is transferred to the secondary market, the mortgage company reacquires the loan under its option within the agreement.

The transaction does not qualify as a sale under ASC 860, Transfers and Servicing and therefore is accounted for as a secured borrowing with pledge of collateral pursuant to the agreement with the mortgage company. When the individual loan is sold to the end investor by the mortgage company, the proceeds from the sale of the loan are received by Horizon and used to pay off the loan balance with Horizon along with any accrued interest and any related fees. The remaining balance from the sale is forwarded to the mortgage company. These individual loans typically are

sold by the mortgage company within 30 days and are seldom held more than 90 days. Interest income is accrued during this period and collected at the time each loan is sold. Fee income for each loan sold is collected when the loan is sold and no costs are deferred due to the term between each loan funding and related payoff, which is typically less than 30 days.

Based on the agreements with each mortgage company, at any time a mortgage company can reacquire from Horizon its outstanding loan balance on an individual mortgage and regain possession of the original note. Horizon also has the option to request that the mortgage company reacquire an individual mortgage. Should this occur, Horizon would return the original note and reassign the assignment of the mortgage to the mortgage company. Also, in the event that the end investor would not be able to honor the sales commitment and the mortgage company would not be able to reacquire its loan on an individual mortgage, Horizon would be able to exercise its rights under the agreement.

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Allowance for Loan Losses An allowance for loan losses is maintained to absorb probable incurred losses inherent in the loan portfolio. The allowance is based on ongoing quarterly assessments of the probable incurred losses inherent in the loan portfolio. The allowance is increased by the provision for credit losses, which is charged against current period operating results and decreased by the amount of charge offs, net of recoveries. Horizon's methodology for assessing the appropriateness of the allowance consists of several key elements, which include the general allowance, specific allowances for identified problem loans and the qualitative allowance.

The general allowance is calculated by applying loss factors to pools of outstanding loans. Loss factors are based on historical loss experience and may be adjusted for significant factors that, in management's judgment, affect the collectability of the portfolio as of the evaluation date.

Specific allowances are established in cases where management has identified conditions or circumstances related to a credit that management believes indicate the probability that a loss will be incurred in excess of the amount determined by the application of the formula allowance.

The qualitative allowance is based upon management's evaluation of various conditions, the effects of which are not directly measured in the determination of the general and specific allowances. The evaluation of the inherent loss with respect to these conditions is subject to a higher degree of uncertainty because they are not identified with specific credits. The conditions evaluated in connection with the qualitative allowance may include factors such as local, regional and national economic conditions and forecasts, concentrations of credit and changes in the composition of the portfolio.

Loan Impairment When analysis determines a borrower's operating results and financial condition are not adequate to meet debt service requirements, the loan is evaluated for impairment. Often this is associated with a delay or shortfall in payments of 30 days or more. Loans are generally placed on non-accrual status when 90 days or more past due. These loans are also often considered impaired. Impaired loans or portions thereof, are charged-off when deemed uncollectible. This typically occurs when the loan is 90 or more days past due.

Loans are considered impaired if the borrower does not exhibit the ability to pay or the full principal or interest payments are not expected or made in accordance with the original terms of the loan. Impaired loans are measured and carried at the lower of cost or the present value of expected future cash flows discounted at the loan's effective interest rate, at the loan's observable market price or at the fair value of the collateral if the loan is collateral dependent.

Smaller balance homogenous loans are evaluated for impairment in the aggregate. Such loans include residential first mortgage loans secured by one to four family residences, residential construction loans and automobile, home equity and second mortgages. Commercial loans and mortgage loans secured by other properties are evaluated individually for impairment.

Loans Acquired in Business Combinations Loans acquired in business combinations with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be

collected are considered to be credit impaired. Evidence of credit quality deterioration as of purchase dates may include information such as past-due and nonaccrual status, borrower credit scores and recent loans to value percentages. Acquired credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (FASB ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loans. Accordingly, allowances for credit losses related to these loans are not carried over and recorded at the acquisition dates. As a result, related discounts are recognized subsequently through accretion based on the expected cash flows of the acquired loans. For purposes of applying FASB ASC 310-30, loans acquired in business combinations are aggregated into pools of loans with common risk characteristics. Acquired loans not accounted for under ASC 310-30 are accounted for under ASC 310-20, which allows the fair value adjustment to be accreted to income over the remaining life of the loans.

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The expected cash flows of the acquired loan pools in excess of the fair values recorded is referred to as the accretable yield and is recognized in interest income over the remaining estimated lives of the loan pools. The Company continues to evaluate the fair value of the loans including cash flows expected to be collected. Increases in the Company's cash flow expectation are recognized as increases to the accretable yield while decreases are recognized as impairments through the allowance for loan losses.

Performing loans acquired (FASB ASC 310-20) with credit impairment subsequent to the acquisition date are evaluated individually and charged down to the fair value of the underlying collateral in the period the uncollectible loss is reasonably determined.

Premises and Equipment Buildings and major improvements are capitalized and depreciated using primarily the straight-line method with useful lives ranging from 3 to 40 years. Furniture and equipment are capitalized and depreciated using primarily the straight-line method with useful lives ranging from 2 to 20 years. Maintenance and repairs are expensed as incurred while major additions and improvements are capitalized. Gains and losses on disposition are included in current operations.

Federal Reserve and Federal Home Loan Bank of Indianapolis (FHLBI) Stock The stock is a required investment for institutions that are members of the Federal Reserve Bank (FRB) and Federal Home Loan Bank (FHLB) systems. The required investment in the common stock is based on a predetermined formula.

Mortgage Servicing Rights Mortgage servicing assets are recognized separately when rights are acquired through purchase or through sale of financial assets. Under the servicing assets and liabilities accounting guidance (ASC 860-50), servicing rights resulting from the sale or securitization of loans originated by the Company are initially measured at fair value at the date of transfer. Amortized mortgage servicing rights include commercial mortgage servicing rights. Under the amortization method, servicing rights are amortized in proportion to and over the period of estimated net servicing income. The amortized assets are assessed for impairment or increased obligation based on fair value at each reporting date.

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 valuation model incorporates assumptions that market participants would use in estimating future net servicing income, such as the cost to service, the discount rate, the custodial earnings rate, an inflation rate, ancillary income, prepayment speeds and default rates and losses. These variables change from quarter to quarter as market conditions and projected interest rates change, and may have an adverse impact on the value of the mortgage servicing right and may result in a reduction to noninterest income.

Each class of separately recognized servicing assets subsequently measured using the amortization method are evaluated and measured for impairment. Impairment is determined by stratifying rights into tranches based on predominant characteristics, such as interest rate, loan type and investor type. Impairment is recognized through a valuation allowance for an individual tranche, to the extent that fair value is less than the carrying amount of the

servicing assets for that tranche. The valuation allowance is adjusted to reflect changes in the measurement of impairment after the initial measurement of impairment. Changes in valuation allowances are reported with mortgage servicing income net of impairment on the income statement. Fair value in excess of the carrying amount of servicing assets for that stratum is not recognized.

Servicing fee income is recorded for fees earned for servicing loans. The fees are based on a contractual percentage of the outstanding principal or a fixed amount per loan and are recorded as income when earned. The amortization of mortgage servicing rights is netted against loan servicing fee income.

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Intangible Assets Goodwill is tested annually for impairment. At December 31, 2018, Horizon had core deposit intangibles of \$10.4 million subject to amortization and \$119.9 million of goodwill, which is not subject to amortization. Goodwill arising from business combinations represents the value attributable to unidentifiable intangible assets in the business acquired. Horizon's goodwill relates to the value inherent in the banking industry and that value is dependent upon the ability of Horizon to provide quality, cost effective banking services in a competitive marketplace. The goodwill value is supported by revenue that is in part driven by the volume of business transacted. If the implied fair value of goodwill is lower than its carrying amount, goodwill impairment is indicated and goodwill is written down to its implied fair value. A large majority of the goodwill relates to the acquisitions of Heartland, Summit, Peoples, Kosciusko, LaPorte, Lafayette and Wolverine.

Bank Owned Life Insurance (BOLI) BOLI has been purchased on certain employees and directors of the Company. The Company records the life insurance at the amount that can be realized under the insurance contract at the balance sheet date, which is the cash surrender value adjusted for other charges or amounts due that are probable at settlement.

Income Taxes The Company accounts for income taxes in accordance with income tax accounting guidance (ASC 740, *Income Taxes*). The income tax accounting guidance results in two components of income tax expense: current and deferred. Current income tax expense reflects taxes to be paid or refunded for the current period by applying the provisions of the enacted tax law to the taxable income or excess of deductions over revenues. The Company determines deferred income taxes using the liability (or balance sheet) method. Under this method, the net deferred tax asset or liability is based on the tax effects of the differences between the book and tax bases of assets and liabilities, and enacted changes in tax rates and laws are recognized in the period in which they occur. Deferred income tax expense results from changes in deferred tax assets and liabilities between periods. Deferred tax assets are reduced by a valuation allowance if, based on the weight of evidence available, it is more likely than not that some portion or all of a deferred tax asset will not be realized.

Uncertain tax positions are recognized if it is more likely than not, based on the technical merits, that the tax position will be realized or sustained upon examination. The term more likely than not means a likelihood of more than 50 percent; the terms examined and upon examination also include resolution of the related appeals or litigation processes, if any. A tax position that meets the more-likely-than-not recognition threshold is initially and subsequently measured as the largest amount of tax benefit that has a greater than 50 percent likelihood of being realized upon settlement with a taxing authority that has full knowledge of all relevant information. The determination of whether or not a tax position has met the more-likely-than-not recognition threshold considers the facts, circumstances and information available at the reporting date and is subject to management's judgment.

The Company recognizes interest and penalties on income taxes as a component of income tax expense.

The Company files consolidated income tax returns with its subsidiaries.

Trust Assets and Income Property, other than cash deposits, held in a fiduciary or agency capacity is not included in the consolidated balance sheets since such property is not owned by Horizon.

Transfer of Financial Assets The transfer of financial assets are accounted for as sales, when control over the assets has been surrendered. Control over transferred assets is deemed to be surrendered when (1) the assets have been isolated from the Company and put presumptively beyond the reach of the transferor and its creditors, even in bankruptcy or other receivership, (2) the transferee obtains the right (free of conditions that constrain it from taking advantage of that right) to pledge or exchange the transferred assets and (3) the Company does not maintain effective control over the transferred assets through an agreement to repurchase them before their maturity or the ability to unilaterally cause the holder to return specific assets.

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(Table dollars in thousands except for per share data)

Earnings per Common Share Basic earnings per share is computed by dividing net income available to common shareholders (net income less dividend requirements for preferred stock and accretion of preferred stock discount) by the weighted-average number of common shares outstanding. Diluted earnings per share reflect the potential dilution that could occur if securities or other contracts to issue common stock were exercised or converted into common stock. The following table shows computation of basic and diluted earnings per share.

	Years Ended December 31		
	2018	2017	2016
Basic earnings per share			
Net income	\$ 53,117	\$ 33,117	\$ 23,912
Less: Preferred stock dividends			42
Net income available to common shareholders	\$ 53,117	\$ 33,117	\$ 23,870
Weighted average common shares outstanding ⁽¹⁾	38,347,059	34,553,736	29,981,592
Basic earnings per share	\$ 1.39	\$ 0.96	\$ 0.80
Diluted earnings per share			
Net income available to common shareholders	\$ 53,117	\$ 33,117	\$ 23,870
Weighted average common shares outstanding ⁽¹⁾	38,347,059	34,553,736	29,981,592
Effect of dilutive securities:			
Restricted stock	36,185	46,981	39,829
Stock options	111,987	159,721	102,193
Weighted average common shares outstanding	38,495,231	34,760,438	30,123,614
	\$ 1.38	\$ 0.95	\$ 0.79

⁽¹⁾ Adjusted for 3:2 stock split on June 15, 2018

At December 31, 2018, there were 102,138 shares and at December 31, 2017 and 2016 there were zero shares that were not included in the computation of diluted earnings per share because they were non-dilutive.

On May 15, 2018, the Board of Directors of the Company approved a three-for-two stock split of the Company's authorized common stock, no par value. All share and per share amounts in the consolidated financial statements and notes thereto have been retroactively adjusted, where necessary, to reflect this three-for-two stock split. The effect of the three-for-two stock split on the outstanding common shares is that shareholders of record as of the close of business on May 31, 2018, the record date, received an additional half share for each share of common stock held, with shareholders receiving cash in lieu of any fractional shares. The additional shares issued in the stock split were payable and issued on June 15, 2018, and the common shares began trading on a split-adjusted basis on June 19, 2018.

Dividend Restrictions Horizon's principal source of funds for dividend payments is dividends received from the Bank. Banking regulations limit the amount of dividends that may be paid without prior approval of regulatory agencies. Under these regulations, the amount of dividends that may be paid in any calendar year is limited to the current year's net profits combined with the retained net profits of the preceding two years, subject to the capital requirements described in Note 21. At December 31, 2018, the Bank could, without prior approval, declare dividends of approximately \$26.0 million to Horizon. Additionally, the Federal Reserve Board limits the amount of dividends that may be paid by Horizon to its stockholders under its capital adequacy guidelines.

Consolidated Statements of Cash Flows For purposes of reporting cash flows, cash and cash equivalents are defined to include cash and due from banks, money market investments and federal funds sold with maturities of one day or less. Horizon reports net cash flows for customer loan transactions, deposit transactions, short-term investments and borrowings.

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Comprehensive Income Comprehensive income consists of net income and other comprehensive income (loss), net of applicable income taxes. Other comprehensive income (loss) includes unrealized appreciation (depreciation) on available-for-sale securities, unrealized and realized gains and losses in derivative financial instruments and amortization of available-for-sale securities transferred to held-to-maturity.

Share-Based Compensation At December 31, 2018, Horizon had share-based compensation plans, which are described more fully in Note 22. All share-based payments are to be recognized as expense, based upon their fair values, in the financial statements over the vesting period of the awards. Horizon has recorded approximately \$626,000, \$460,000, and \$608,000 for 2018, 2017 and 2016, in compensation expense relating to vesting of stock options less estimated forfeitures for the 12-month periods ended December 31, 2018, 2017 and 2016.

Derivative Financial Instruments The Company occasionally enters into derivative financial instruments as part of its interest rate risk management strategies. These derivative financial instruments consist primarily of interest rate swaps. All derivative instruments are recorded on the Statements of Financial Condition, as either an asset or liability, at their fair value. The accounting for the gain or loss resulting from the change in fair value depends on the intended use of the derivative. For a derivative used to hedge changes in fair value of a recognized asset or liability, or an unrecognized firm commitment, the gain or loss on the derivative will be recognized in earnings together with the offsetting loss or gain on the hedged item. This results in an earnings impact only to the extent that the hedge is ineffective in achieving offsetting changes in fair value. If it is determined that the derivative instrument is not highly effective as a hedge, hedge accounting is discontinued and the adjustment to fair value of the derivative instrument is recorded in earnings. For a derivative used to hedge changes in cash flows associated with forecasted transactions, the gain or loss of the effective portion of the derivative will be deferred, and reported as accumulated other comprehensive income, a component of shareholders' equity, until such time the hedged transaction affects earnings. For derivative instruments not accounted for as hedges, changes in fair value are recognized in non-interest income or non-interest expense. Deferred gains and losses from derivatives that are terminated and were in a cash flow hedge are amortized over the shorter of the original remaining term of the derivative or the remaining life of the underlying asset or liability.

Reclassifications Certain reclassifications have been made to the 2017 and 2016 consolidated financial statements to be comparable to 2018. These reclassifications had no effect on net income.

Recent Accounting Pronouncements

Financial Accounting Standards Board (FASB) Accounting Standards Update (ASU) No. 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework - Changes to the Disclosure Requirements for Fair Value Measurement*

The FASB has issued ASU No. 2018-13, *Fair Value Measurement (Topic 820): Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Instrument*. ASU No. 2018-13 modifies the disclosure requirements on fair value measurements in Topic 820. Certain disclosure requirements related to transfers between Level 1 and

Level 2 of the fair value hierarchy and Level 3 valuation processes were removed from Topic 820. Disclosures were also added to Topic 820 for changes in unrealized gains and losses for the period included in other comprehensive income for recurring Level 3 fair value measurements held at the end of the reporting period and the range and weighted average of significant unobservable inputs used to develop Level 3 fair value measurements. In addition, the amendments eliminate at a minimum from the phrase “an entity shall disclose at a minimum” to promote the appropriate exercise of discretion by entities when considering fair value measurement disclosures and to clarify that materiality is an appropriate consideration of entities and their auditors when evaluating disclosure requirements. The amendments in ASU No. 2018-13 are effective for all entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. The amendments on changes in unrealized gains and losses, the range and weighted average of significant unobservable inputs used to develop Level 3 fair value measurements and the narrative description of measurement uncertainty should be applied prospectively for only the most recent interim or annual period presented in the initial fiscal year of adoption. All other amendments should be applied retrospectively to all periods presented upon their effective date. Early adoption is permitted. An entity is permitted to early adopt any removed or modified disclosures upon issuance of ASU No. 2018-13 and delay adoption of the additional disclosures until their effective date. We are currently evaluating the impact of adopting the new guidance on the consolidated financial statements, but it is not expected to have a material impact.

FASB ASU No. 2018-03, *Technical Corrections and Improvements to Financial Instruments – Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities*

The FASB has issued ASU No. 2018-03, *Technical Corrections and Improvements to Financial Instruments – Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities*, to clarify certain aspects of the guidance issued in ASU No. 2016-01, including aspects of equity securities without a readily determinable fair value. This guidance is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years beginning after June 15, 2018. Early adoption is permitted. As these clarifications did not have a material impact on Horizon’s consolidated financial statements, Horizon elected to early adopt this guidance as of January 1, 2018.

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FASB ASU No. 2018-02, Income Statement Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income

The FASB has issued ASU No. 2018-02, *Income Statement Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income*. The amendments in this ASU allow a reclassification from accumulated other comprehensive income (AOCI) to retained earnings for stranded tax effects resulting from the Tax Cuts and Jobs Act. Consequently, the amendments eliminate the stranded tax effects resulting from the Tax Cuts and Jobs Act and will improve the usefulness of information reported to financial statement users. The amendments in this ASU also require certain disclosures about stranded tax effects. The amendments in this ASU are effective for all entities for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. Early adoption of the amendments in this ASU is permitted, including adoption in any interim period, (1) for public business entities for reporting periods for which financial statements have not yet been issued and (2) for all other entities for reporting periods for which financial statements have not yet been made available for issuance. The amendments in this ASU should be applied either in the period of adoption or retrospectively to each period (or periods) in which the effect of the change in the U.S. federal corporate income tax rate in the Tax Cuts and Jobs Act is recognized. At December 31, 2017, the Company had approximately \$766,000 stranded tax effects included in AOCI and reclassified to retained earnings at January 1, 2018.

FASB ASU No. 2017-12, Derivatives and Hedging (Topic 815), Targeted Improvements to Accounting for Hedging Activities

The FASB has issued ASU No. 2017-12, *Derivatives and Hedging (Topic 815), Targeted Improvements to Accounting for Hedging Activities*. The new guidance improves the financial reporting of hedging relationships to better portray the economic results of an entity's risk management activities in its financial statements. The amendments in this ASU also make certain targeted improvements to simplify the application of the hedge accounting guidance in current GAAP. For public entities, the new guidance will be effective for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. For all other entities, the amendments are effective for fiscal years beginning after December 15, 2019, and interim periods beginning after December 15, 2020. Early application is permitted in any interim period after issuance of the ASU. All transition requirements and elections should be applied to hedging relationships existing (that is, hedging relationships in which the hedging instrument has not expired, been sold, terminated, or exercised or the entity has not removed the designation of the hedging relationship) on the date of adoption. The effect of adoption should be reflected as of the beginning of the fiscal year of adoption (that is, the initial application date). Horizon elected to early adopt this guidance as of January 1, 2018. As permitted by the ASU, Horizon reclassified approximately \$6.3 million of state and municipal securities with net unrealized losses of approximately \$46,000 from the held to maturity portfolio to the available for sale portfolio. Other than this reclassification of securities, adoption of the standard did not have a significant impact on Horizon's consolidated financial statements.

FASB ASU No. 2017-04, Intangibles Goodwill and Other (Topic 350), Simplifying the Test for Goodwill Impairment

The FASB has issued ASU No. 2017-04, *Intangibles – Goodwill and Other (Topic 350), Simplifying the Test for Goodwill Impairment*. The new guidance is intended to simplify the subsequent measurement of goodwill by eliminating Step 2 from the goodwill impairment test. The annual, or interim, goodwill impairment test is performed by comparing the fair value of a reporting unit with its carrying amount. An impairment charge should be recognized for the amount by which the carrying amount exceeds the reporting unit's fair value; however, the loss recognized should not exceed the total amount of goodwill allocated to that reporting unit. In addition, the income tax effects of tax deductible goodwill on the carrying amount of the reporting unit should be considered when measuring the goodwill impairment loss, if applicable. The amendments also eliminate the requirements for any reporting unit with a zero or negative carrying amount to perform Step 2 of the goodwill impairment test. An entity still has the option to perform the qualitative assessment for a reporting unit to determine if the qualitative impairment test is necessary. The amendments should be applied on a prospective basis. The nature of and reason for the change in accounting principle should be disclosed upon transition. The amendments in this update should be adopted for annual or any interim goodwill impairment tests in fiscal years beginning after December 15, 2019. Early adoption is permitted on testing dates after January 1, 2017. We are currently evaluating the impact of adopting the new guidance on the consolidated financial statements, but it is not expected to have a material impact.

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FASB ASU No. 2016-13, *Financial Instruments – Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments*

The FASB has issued ASU No. 2016-13, *Financial Instrument – Credit Losses (Topic 326), Measurement of Credit Losses on Financial Instruments*. The main objective of this amendment is to provide financial statement users with more decision-useful information about the expected credit losses on financial instruments and other commitments to extend credit held by a reporting entity at each reporting date. The amendment requires the measurement of 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 now use forward-looking information to enhance their credit loss estimates. The amendment requires enhanced disclosures to help investors and other financial statement users better understand significant estimates and judgments used in estimating credit losses, as well as the credit quality and underwriting standards of an organization's portfolio. In addition, the ASU amends the accounting for credit losses on available-for-sale debt securities and purchased financial assets with credit deterioration. The amendments in this update become effective for annual periods and interim periods within those annual periods beginning after December 15, 2019. Early adoption will be permitted beginning after December 15, 2018. We have formed a cross functional committee that is assessing our data and system needs and are evaluating the impact of adopting the new guidance. We expect 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, but cannot yet determine the magnitude of any such one-time adjustment or the overall impact of the new guidance on the consolidated financial statements.

FASB ASU No. 2016-02, *Leases (Topic 842)*

The FASB has issued ASU No. 2016-02, *Leases (Topic 842)*. Under the new guidance, lessees will be required to recognize the following for all leases, with the exception of short-term leases, at the commencement date: (1) a lease liability, which is a lessee's obligation to make lease payments arising from a lease, measured on a discounted basis; and (2) a right-of-use asset, which is an asset that represents the lessee's right to use, or control the use of, a specified asset for the lease term. Under the new guidance, lessor accounting is largely unchanged. The amendments in this update become effective for annual periods and interim periods within those annual periods beginning after December 15, 2018. Based on leases outstanding as of December 31, 2018, the new standard will not have a material impact on our balance sheet or income statement.

In July 2018, the FASB issued amendments (ASU No. 2018-11) which provide entities with additional (and optional) transition method to adopt the new lease standard. Under this new transition method, an entity initially applies the new lease standard at the adoption date and recognizes a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption. Consequently, an entity's reporting for the comparative periods presented in the financial statements in which it adopts the new leases standard will continue to be in accordance with current GAAP (Topic 842, Leases). The amendments in ASU 2018-11 also provide lessors with a practical expedient, by class of underlying asset, to not separate nonlease components from the associated lease component and, instead, to account for those components as a single component if the nonlease components otherwise would be accounted for under the

new revenue guidance (Topic 606) and certain criteria are met. For entities that have not adopted Topic 842 before the issuance of ASU No. 2018-11, the effective date and transition requirements for the amendments related to separating components of a contract are the same as the effective date and transition requirements in ASU No. 2016-02. In December 2018, the FASB issued amendments (ASU No. 2018-20) which addresses issues facing lessors when applying the leases standard. The amendments in ASU 2018-20 provide for certain accounting policy elections and changes lessor accounting for sales and similar taxes and certain lessor costs. Entities that have not yet adopted Topic 842 before the issuance of ASU 2018-20 should apply ASU 2018-20 to all new and existing leases when the entity first applies Topic 842 and should apply the same transition method elected for Topic 842.

FASB ASU No. 2016-01, *Financial Instruments – Overall (Subtopic 825-10), Recognition and Measurement of Financial Assets and Financial Liabilities*

The FASB has issued ASU No. 2016-01, *Financial Instruments – Overall (Subtopic 825-10), Recognition and Measurement of Financial Assets and Financial Liabilities*. The new guidance is intended to improve the recognition and measurement of financial instruments. The ASU affects public and private companies, not-for-profit organizations, and employee benefit plans that hold financial assets or owe financial liabilities.

The new guidance makes targeted improvements to existing U.S. GAAP by:

Requiring equity investments (except those accounted for under the equity method of accounting, or those that result in consolidation of the investee) to be measured at fair value with changes in fair value recognized in net income;

Requiring public business entities to use the exit price notion when measuring the fair value of financial instruments for disclosure purposes;

Requiring separate presentation of financial assets and financial liabilities by measurement category and form of financial asset (i.e., securities or loans and receivables) on the balance sheet or the accompanying notes to the financial statements;

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Eliminating the requirement to disclose the fair value of financial instruments measured at amortized cost for organizations that are not public business entities;

Eliminating the requirement for public business entities to disclose the method(s) and significant assumptions used to estimate the fair value that is required to be disclosed for financial instruments measured at amortized cost on the balance sheet; and

Requiring a reporting organization 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 (also referred to as *own credit*) when the organization has elected to measure the liability at fair value in accordance with the fair value option for financial instruments.

The new guidance is effective for public companies for fiscal years beginning after December 15, 2017, including interim periods within those fiscal years. The new guidance permits early adoption of the *own credit* provision. In addition, the new guidance permits early adoption of the provision that exempts private companies and not-for-profit organizations from having to disclose fair value information about financial instruments measured at amortized cost. Adoption of the ASU did not have a significant effect on the Company's consolidated financial statements.

Revenue Recognition Accounting Standards Codification 606, *Revenue from Contracts with Customers* (ASC 606) provides that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. The guidance enumerates five steps that entities should follow in achieving this core principle. Revenue generated from financial instruments, including loans and investment securities, are not included in the scope of ASC 606. The adoption of ASC 606 did not result in a change to the accounting of any of the Company's revenue streams that are within the scope of the amendments. Revenue-gathering activities that are within the scope of ASC 606 and that are presented as non-interest income in the Company's consolidated statements of income include:

Service charges and fees on deposit accounts – these include general service fees charged for deposit account maintenance and activity and transaction-based fees charged for certain services, such as debit card, wire transfer and overdraft activities. Revenue is recognized when the performance obligation is completed, which is generally after a transaction is completed or monthly for account maintenance services.

Fiduciary activities – this includes periodic fees due from trust and wealth management customers for managing the customers' financial assets. Fees are charged based on a standard agreement and are recognized as they are earned.

Note 2 Acquisitions

Wolverine Bancorp, Inc.

On October 17, 2017, Horizon completed the acquisition of Wolverine Bancorp, Inc., a Maryland corporation (Wolverine) and Horizon Bank 's acquisition of Wolverine Bank, a federally chartered savings bank and wholly-owned subsidiary of Wolverine, through mergers effective October 17, 2017. Under the terms of the Merger Agreement, shareholders of Wolverine received 1.5228 shares of Horizon common stock and \$14.00 in cash for each outstanding share of Wolverine common stock. Wolverine shares outstanding at the closing to be exchanged were 2,129,331, and the shares of Horizon common stock issued to Wolverine shareholders totaled 3,241,045. Based upon the October 16, 2017 closing price of \$19.37 per share of Horizon common stock immediately prior to the effectiveness of the merger, less the consideration used to pay off Wolverine Bancorp 's ESOP loan receivable, the transaction has an implied valuation of approximately \$93.8 million. The Company incurred approximately \$1.9 million in costs related to the acquisition as of December 31, 2017. These expenses are classified in the non-interest section of the income statement and are primarily located in the salaries and employee benefits, professional services and other expense line items. As a result of the acquisition, the Company will have an opportunity to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

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Under the acquisition method of accounting, the total purchase price is allocated to net tangible and intangible assets based on their current estimated fair values on the date of the acquisition. Based on preliminary valuations of the fair value of tangible and intangible assets acquired and liabilities assumed, which are based on estimates and assumptions that are subject to change, the final purchase price for the Wolverine acquisition is allocated as follows:

Assets	
Cash and due from banks	\$ 44,450
Loans	
Commercial	276,167
Residential mortgage	30,603
Consumer	3,897
Total loans	310,667
Premises and equipment, net	2,941
FRB and FHLB stock	2,700
Goodwill	26,827
Core deposit intangible	2,024
Interest receivable	584
Other assets	3,897
Total assets purchased	\$ 394,090
Common shares issued	\$ 62,111
Cash paid	31,662
Total purchase price	\$ 93,773
Liabilities	
Deposits	
Non-interest bearing	\$ 25,221
NOW accounts	8,026
Savings and money market	129,044
Certificates of deposit	94,688
Total deposits	256,979
Borrowings	36,970
Interest payable	214
Other liabilities	6,154

Total liabilities assumed	\$ 300,317
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Of the total purchase price of \$93.8 million, \$2.0 million has been allocated to core deposit intangible. Additionally, \$26.8 million has been allocated to goodwill and none of the purchase price is deductible. The core deposit intangible will be amortized over 10 years on a straight line basis.

The Company acquired various loans in the acquisition that had evidence of deterioration of credit quality since origination and it was probable, at acquisition, that all contractually required payments would not be collected.

Loans purchased with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be collected are considered to be credit impaired. Evidence of credit quality deterioration as of the purchase date may include information such as past-due and non-accrual status, borrower credit scores and recent loan-to-value percentages. Purchased credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loan. Accordingly, an allowance for credit losses related to these loans is not carried over and recorded at the acquisition date.

Management estimated the cash flows expected to be collected at acquisition using our internal risk models, which incorporate the estimate of current assumptions, such as default rates, severity and prepayment speeds.

Loans with specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

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The following table details the acquired loans that are accounted for in accordance with ASC 310-30 as of October 17, 2017.

Contractually required principal and interest at acquisition	\$ 21,912
Contractual cash flows not expected to be collected (nonaccretable differences)	1,832
Expected cash flows at acquisition	20,080
Interest component of expected cash flows (accretable discount)	2,267
Fair value of acquired loans accounted for under ASC 310-30	\$ 17,813

Final estimates of certain loans, those for which specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

Lafayette Community Bancorp

On September 1, 2017, Horizon completed the acquisition of Lafayette Community Bancorp, an Indiana corporation (Lafayette) and Horizon Bank's acquisition of Lafayette Community Bank, a state-chartered bank and wholly-owned subsidiary of Lafayette, through mergers effective September 1, 2017. Under the terms of the Merger Agreement, shareholders of Lafayette received 0.8817 shares of Horizon common stock and \$1.73 in cash for each outstanding share of Lafayette common stock. Lafayette shareholders owning fewer than 100 shares of common stock received \$17.25 in cash for each common share. Lafayette shares outstanding at the closing to be exchanged were 1,856,679, and the shares of Horizon common stock issued to Lafayette shareholders totaled 1,636,888. Based upon the August 31, 2017 closing price of \$17.45 per share of Horizon common stock immediately prior to the effectiveness of the merger, the transaction has an implied valuation of approximately \$34.5 million. The Company incurred approximately \$1.7 million in costs related to the acquisition as of December 31, 2017. These expenses are classified in the non-interest expense section of the income statement and are primarily located in the salaries and employee benefits, professional services and other expense line items. As a result of the acquisition, the Company will have an opportunity to increase its deposit base and reduce transaction costs. The Company also expects to reduce cost through economies of scale.

Horizon held 5% ownership in Lafayette immediately preceding the merger date. In accordance with ASC 805-10 Business Combinations, Horizon was required to remeasure the equity interest in Lafayette's common stock and recognize the resulting gain or loss, if any, in earnings. Since Lafayette was traded in the OTC market, the remeasurement was based on the closing price of Lafayette's common stock immediately prior to the acquisition announcement and immediately prior to Horizon taking control of Lafayette. This remeasurement resulted in a gain of

\$530,000.

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Under the acquisition method of accounting, the total purchase price is allocated to net tangible and intangible assets based on their current estimated fair values on the date of the acquisition. Based on preliminary valuations of the fair value of tangible and intangible assets acquired and liabilities assumed, which are based on assumptions that are subject to change, the purchase price for the Lafayette acquisition is detailed in the following table.

Assets	
Cash and due from banks	\$ 24,846
Investment securities, available for sale	6
Loans	
Commercial	116,258
Residential mortgage	12,761
Consumer	5,280
Total loans	134,299
Premises and equipment, net	7,818
FHLB stock	395
Goodwill	15,408
Core deposit intangible	2,085
Interest receivable	338
Other assets	1,649
Total assets purchased	\$ 186,844
Common shares issued	\$ 30,044 ⁽¹⁾
Cash paid	4,421
Total purchase price	\$ 34,465
Liabilities	
Deposits	
Non-interest bearing	\$ 34,990
NOW accounts	30,174
Savings and money market	53,663
Certificates of deposit	32,520
Total deposits	151,347
Interest payable	42
Other liabilities	990

Total liabilities assumed

\$ 152,379

(1) This includes \$955,000 of common shares previously held by Horizon. Of the total estimated purchase price of \$34.5 million, \$2.1 million has been allocated to core deposit intangible. Additionally, \$15.4 million has been allocated to goodwill and none of the purchase price is deductible. The core deposit intangible will be amortized over 10 years on a straight-line basis.

The Company acquired various loans in the acquisition that had evidence of deterioration of credit quality since origination and it was probable, at acquisition, that all contractually required payments would not be collected.

Loans purchased with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be collected are considered to be credit impaired. Evidence of credit quality deterioration as of the purchase date may include information such as past-due and non-accrual status, borrower credit scores and recent loan-to-value percentages. Purchased credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loan. Accordingly, an allowance for credit losses related to these loans is not carried over and recorded at the acquisition date. Management estimated the cash flows expected to be collected at acquisition using our internal risk models, which incorporate the estimate of current key assumptions, such as default rates, severity and prepayment speeds.

Loans with specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

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The following table details an estimate of the acquired loans that are accounted for in accordance with ASC 310-30 as of September 1, 2017.

Contractually required principal and interest at acquisition	\$ 6,128
Contractual cash flows not expected to be collected (nonaccretable differences)	1,326
Expected cash flows at acquisition	4,802
Interest component of expected cash flows (accretable discount)	933
Fair value of acquired loans accounted for under ASC 310-30	\$ 3,869

Final estimates of certain loans, those for which specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

Bargersville Branch Purchase

On February 3, 2017, Horizon completed the purchase and assumption of certain assets and liabilities of a single branch of First Farmers Bank & Trust Company, in Bargersville, Indiana. Net cash of \$11.0 million was received in the transaction, representing the deposit balances assumed at closing, net of amounts paid for loans acquired in the transaction of \$3.4 million and a 3.0% premium on deposits. Customer deposit balances were recorded at \$14.8 million and a core deposit intangible of \$452,000 was recorded in the transaction, which will be amortized over 10 years on a straight line basis. There was no goodwill generated in the transaction.

CNB Bancorp

On November 7, 2016, Horizon completed the acquisition of CNB Bancorp, an Indiana corporation headquartered in Attica, Indiana (CNB) and the Bank's acquisition of The Central National Bank and Trust Company (Central National Bank & Trust), through mergers effective November 7, 2016. Under terms of the acquisition, shareholders of CNB received merger consideration in the form of cash. The total value of the consideration for the acquisition was \$5.3 million. The Company incurred approximately \$779,000 in costs related to the acquisition as of December 31, 2016. These expenses are classified in the non-interest expense section of the income statement and primarily located in the salaries and employee benefits, professional services and other expense line items. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

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

Assets	
Cash and due from banks	\$ 27,860
Investment securities, available for sale	16,393
Loans	
Commercial	2,267
Residential mortgage	6,624
Consumer	1,579
Total loans	10,470
Premises and equipment, net	444
FHLB stock	50
Goodwill	609
Core deposit intangible	190
Interest receivable	154
Other assets	49
Total assets purchased	\$ 56,219
Cash paid	\$ 5,311
Total purchase price	\$ 5,311
Liabilities	
Deposits	
Non-interest bearing	\$ 24,079
NOW accounts	9,038
Savings and money market	13,829
Certificates of deposit	3,342
Total deposits	50,288
Borrowings	459
Interest payable	7

Other liabilities

154

Total liabilities assumed

\$ 50,908

Of the total purchase price of \$5.3 million, \$190,000 has been allocated to core deposit intangible. Additionally, \$609,000 has been allocated to goodwill and none of the purchase price is deductible. The core deposit intangible will be amortized over 10 years on a straight line basis.

The Company acquired the \$10.8 million performing loan portfolio with an estimated fair value of \$10.5 million. No loans were purchased with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be collected or which are considered to be credit impaired.

LaPorte Bancorp, Inc.

On July 18, 2016, Horizon completed the acquisition of LaPorte Bancorp, Inc., a Maryland corporation (LaPorte Bancorp) and the Bank's acquisition of The LaPorte Savings Bank, a state-chartered savings bank and wholly owned subsidiary of LaPorte Bancorp, through mergers effective July 18, 2016. Under the terms of the merger agreement, shareholders of LaPorte Bancorp had the option to receive \$17.50 per share in cash or 1.4153 shares of Horizon common stock for each share of LaPorte Bancorp's common stock, subject to allocation provisions to assure that in aggregate, LaPorte Bancorp shareholders received total consideration that consisted of 65% stock and 35% cash. As a result of LaPorte Bancorp shareholder stock and cash elections and the related proration provisions of the merger agreement, Horizon issued 5,132,232 shares of its common stock in the merger. Based upon the July 18, 2016 closing price of \$12.24 per share of Horizon common stock, less the consideration used to pay off LaPorte Bancorp's ESOP loan receivable, the transaction has an implied valuation of approximately \$98.6 million. The Company incurred approximately \$4.0 million in costs related to the acquisition as of December 31, 2016. These expenses are classified in the non-interest expense section of the income statement and primarily located in the salaries and employee benefits, professional services and other expense line items. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

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(Table dollars in thousands except for per share data)

Under the acquisition method of accounting, the total purchase price is allocated to net tangible and intangible assets based on their current estimated fair values on the date of the acquisition. Based on preliminary valuations of the fair value of tangible and intangible assets acquired and liabilities assumed, which are based on assumptions that are subject to change, the purchase price for the LaPorte Bancorp acquisition is detailed in the following table.

Assets	
Cash and due from banks	\$ 154,849
Investment securities, available for sale	23,779
Loans	
Commercial	153,750
Residential mortgage	42,603
Consumer	16,801
Mortgage warehousing	99,752
Total loans	312,906
Premises and equipment, net	6,022
FHLB stock	4,029
Goodwill	20,993
Core deposit intangible	2,514
Interest receivable	844
Cash value of life insurance	15,267
Other assets	8,334
Total assets purchased	\$ 549,537
Common shares issued	\$ 60,306
Cash paid	38,328
Total purchase price	\$ 98,634
Liabilities	
Deposits	
Non-interest bearing	\$ 66,733
NOW accounts	99,346
Savings and money market	117,688
Certificates of deposit	87,605
Total deposits	371,372

Borrowings	64,793
Subordinated debentures	4,504
Interest payable	178
Other liabilities	10,056
Total liabilities assumed	\$ 450,903

Of the total estimated purchase price of \$98.6 million, \$2.5 million has been allocated to core deposit intangible. Additionally, \$21.0 million has been allocated to goodwill and none of the purchase price is deductible. The core deposit intangible will be amortized over 10 years on a straight line basis.

The Company acquired various loans in the acquisition that had evidence of deterioration of credit quality since origination and it was probable, at acquisition, that all contractually required payments would not be collected.

Loans purchased with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be collected are considered to be credit impaired. Evidence of credit quality deterioration as of the purchase date may include information such as past-due and non-accrual status, borrower credit scores and recent loan-to-value percentages. Purchased credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loan. Accordingly, an allowance for credit losses related to these loans is not carried over and recorded at the acquisition date. Management estimated the cash flows expected to be collected at acquisition using our internal risk models, which incorporate the estimate of current key assumptions, such as default rates, severity and prepayment speeds.

Loans with specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

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The following table details the acquired loans that are accounted for in accordance with ASC 310-30 as of July 18, 2016.

Contractually required principal and interest at acquisition	\$ 12,545
Contractual cash flows not expected to be collected (nonaccretable differences)	4,492
Expected cash flows at acquisition	8,053
Interest component of expected cash flows (accretable discount)	1,258
Fair value of acquired loans accounted for under ASC 310-30	\$ 6,795

Final estimates of certain loans, those for which specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

Kosciusko Financial, Inc.

On June 1, 2016, Horizon completed the acquisition of Kosciusko Financial, Inc., an Indiana corporation (Kosciusko) and the Bank s acquisition of Farmers State Bank, a state-chartered bank and wholly owned subsidiary of Kosciusko, through mergers effective June 1, 2016. Under the terms of the merger agreement, shareholders of Kosciusko had the option to receive \$81.75 per share in cash or 6.7775 shares of Horizon common stock for each share of Kosciusko s common stock, subject to allocation provisions to assure that in aggregate, Kosciusko shareholders received total consideration that consisted of 65% stock and 35% cash. Kosciusko shareholders owning fewer than 100 shares of common stock received \$81.75 in cash for each common share. As a result of Kosciusko shareholder stock and cash elections and the related proration provisions of the merger agreement, Horizon issued 1,310,145 shares of its common stock in the merger. Based upon the June 1, 2016 closing price of \$11.04 per share of Horizon common stock, the transaction has an implied valuation of approximately \$23.0 million. The Company incurred approximately \$2.0 million in costs related to the acquisition. These expenses are classified in the non-interest expense section of the income statement and primarily located in the salaries and employee benefits, professional services and other expense line items. As a result of the acquisition, the Company was able to increase its deposit base and reduce transaction costs. The Company also expects to reduce costs through economies of scale.

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Under the acquisition method of accounting, the total purchase price is allocated to net tangible and intangible assets based on their current estimated fair values on the date of the acquisition. Based on preliminary valuations of the fair value of tangible and intangible assets acquired and liabilities assumed, which are based on assumptions that are subject to change, the purchase price for the Kosciusko acquisition is detailed in the following table.

Assets	
Cash and due from banks	\$ 38,950
Investment securities, available for sale	1,191
Loans	
Commercial	70,006
Residential mortgage	26,244
Consumer	6,319
Total loans	102,569
Premises and equipment, net	1,466
FRB and FHLB stock	582
Goodwill	6,443
Core deposit intangible	526
Interest receivable	636
Cash value of life insurance	2,745
Other assets	765
Total assets purchased	\$ 155,873
Common shares issued	\$ 14,470
Cash paid	8,513
Total purchase price	\$ 22,983
Liabilities	
Deposits	
Non-interest bearing	\$ 27,871
NOW accounts	35,213
Savings and money market	26,953
Certificates of deposit	32,771
Total deposits	122,808
Borrowings	9,038

Interest payable	55
Other liabilities	989
Total liabilities assumed	\$ 132,890

Of the total estimated purchase price of \$23.0 million, \$526,000 has been allocated to core deposit intangible. Additionally, \$6.4 million has been allocated to goodwill and none of the purchase price is deductible. The core deposit intangible will be amortized over 10 years on a straight line basis.

The Company acquired various loans in the acquisition that had evidence of deterioration of credit quality since origination and it was probable, at acquisition, that all contractually required payments would not be collected.

Loans purchased with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be collected are considered to be credit impaired. Evidence of credit quality deterioration as of the purchase date may include information such as past-due and non-accrual status, borrower credit scores and recent loan-to-value percentages. Purchased credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loan. Accordingly, an allowance for credit losses related to these loans is not carried over and recorded at the acquisition date. Management estimated the cash flows expected to be collected at acquisition using our internal risk models, which incorporate the estimate of current key assumptions, such as default rates, severity and prepayment speeds.

Loans with specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

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The following table details the acquired loans that are accounted for in accordance with ASC 310-30 as of June 1, 2016.

Contractually required principal and interest at acquisition	\$ 2,682
Contractual cash flows not expected to be collected (nonaccretable differences)	25
Expected cash flows at acquisition	2,657
Interest component of expected cash flows (accretable discount)	634
Fair value of acquired loans accounted for under ASC 310-30	\$ 2,023

Final estimates of certain loans, those for which specific credit-related deterioration, since origination, are recorded at fair value, reflecting the present value of the amounts expected to be collected. Income recognition of these loans is based on reasonable expectation about the timing and amount of cash flows to be collected.

The results of operations of Wolverine, Lafayette, CNB, LaPorte Bancorp and Kosciusko have been included in the Company's consolidated financial statements since the acquisition dates. The following schedule includes pro-forma results for the periods ended December 31, 2017 and 2016 as if the Wolverine, Lafayette, CNB, LaPorte Bancorp and Kosciusko acquisitions had occurred as of the beginning of the comparable prior reporting periods.

	Years Ended December 31	
	2017	2016
Summary of Operations:		
Net Interest Income	\$ 125,442	\$ 115,860
Provision for Loan Losses	(12)	1,082
Net Interest Income after Provision for Loan Losses	125,454	114,778
Non-interest Income	33,959	43,330
Non-interest Expense	109,605	119,522
Income before Income Taxes	49,808	38,586
Income Tax Expense	16,204	12,072
Net Income	33,604	26,514
Net Income Available to Common Shareholders	\$ 33,604	\$ 26,472
Basic Earnings per Share	\$ 0.97	\$ 0.88
Diluted Earnings per Share	\$ 0.97	\$ 0.88

The pro-forma information includes adjustments for interest income on loans, amortization of intangibles arising from the transaction, interest expense on deposits acquired, premises expense for the banking centers acquired and the related income tax effects. The pro-forma information for the year ended 2017 includes \$2.6 million, net of tax, of operating revenue from Lafayette and Wolverine since acquisitions and approximately \$2.7 million, net of tax, of non-recurring expenses directly attributable to the Lafayette and Wolverine acquisitions. The pro-forma information for the year ended 2016 includes \$4.3 million, net of tax, of operating revenue from CNB, LaPorte Bancorp and Kosciusko since acquisition and approximately \$4.8 million, net of tax, of non-recurring expenses directly attributable to the acquisitions.

The pro-forma financial information is presented for information purposes only and is not indicative of the results of operations that actually would have been achieved had the acquisition been consummated as of that time, nor is it intended to be a projection of future results.

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Note 3 Cash Equivalents

The Company considers all liquid investments with original maturities of three months or less to be cash equivalents. At December 31, 2018 and 2017, cash equivalents consisted primarily of money market accounts with brokers and certificates of deposit.

At December 31, 2018, the Company's cash accounts exceeded federally insured limits by approximately \$10.3 million. Approximately \$3.5 million of this amount was held by either the Federal Reserve Bank or the Federal Home Loan Bank of Indianapolis, which is not federally insured.

Note 4 Securities

The fair value of securities is as follows:

	December 31, 2018			
	Amortized	Gross	Gross	Fair
	Cost	Unrealized	Unrealized	Value
		Gains	Losses	
Available for sale				
U.S. Treasury and federal agencies	\$ 16,815	\$ 1	\$ (208)	\$ 16,608
State and municipal	210,386	1,495	(2,578)	209,303
Federal agency collateralized mortgage obligations	187,563	625	(3,185)	185,003
Federal agency mortgage-backed pools	183,479	80	(4,823)	178,736
Corporate notes	10,666	107	(75)	10,698
Total available for sale investment securities	\$ 608,909	\$ 2,308	\$ (10,869)	\$ 600,348
Held to maturity				
State and municipal	\$ 191,269	\$ 1,773	\$ (3,366)	\$ 189,676
Federal agency collateralized mortgage obligations	5,144	6	(120)	5,030
Federal agency mortgage-backed pools	13,699	74	(206)	13,567
Total held to maturity investment securities	\$ 210,112	\$ 1,853	\$ (3,692)	\$ 208,273

December 31, 2017

	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Available for sale				
U.S. Treasury and federal agencies	\$ 19,277	\$	\$ (225)	\$ 19,052
State and municipal	148,045	2,189	(670)	149,564
Federal agency collateralized mortgage obligations	132,871	45	(2,551)	130,365
Federal agency mortgage-backed pools	211,487	155	(2,985)	208,657
Private labeled mortgage-backed pools	1,650		(8)	1,642
Corporate notes	272	113		385
Total available for sale investment securities	\$ 513,602	\$ 2,502	\$ (6,439)	\$ 509,665
Held to maturity				
State and municipal	\$ 179,836	\$ 3,493	\$ (2,932)	\$ 180,397
Federal agency collateralized mortgage obligations	5,734	17	(69)	5,682
Federal agency mortgage-backed pools	14,878	216	(88)	15,006
Total held to maturity investment securities	\$ 200,448	\$ 3,726	\$ (3,089)	\$ 201,085

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HORIZON BANCORP, INC. AND SUBSIDIARIES

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Based on evaluation of available evidence, including recent changes in market interest rates, credit rating information, and information obtained from regulatory filings, management believes the declines in fair value for these securities are temporary. While these securities are held in the available for sale portfolio and held-to-maturity, Horizon intends, and has the ability, to hold them until the earlier of a recovery in fair value or maturity.

Should the impairment of any of these securities become other than temporary, the cost basis of the investment will be reduced and the resulting loss recognized in net income in the period the other-than-temporary impairment is identified. At December 31, 2018, no individual investment security had an unrealized loss that was determined to be other-than-temporary.

The unrealized losses on the Company's investments in securities of state and municipal governmental agencies, U.S. Treasury and federal agencies, federal agency collateralized mortgage obligations, and federal agency mortgage-backed pools were caused by interest rate volatility and not a decline in credit quality. The contractual terms of those investments do not permit the issuer to settle the securities at a price less than the amortized cost basis of the investments. The Company expects to recover the amortized cost basis over the term of the securities. Because the Company does not intend to sell the investments and it is not likely that the Company will be required to sell the investments before recovery of their amortized cost basis, which may be at maturity, the Company did not consider those investments to be other-than-temporarily impaired at December 31, 2018.

The Company elected to transfer 319 available-for-sale (AFS) securities with an aggregate fair value of \$167.1 million to a classification of held-to-maturity (HTM) on April 1, 2014. In accordance with FASB ASC 320-10-55-24, the transfer from AFS to HTM must be recorded at the fair value of the AFS securities at the time of transfer. The net unrealized holding gain of \$1.3 million, net of tax, at the date of transfer was retained in accumulated other comprehensive income (loss), with the associated pre-tax amount retained in the carrying value of the HTM securities. Such amounts will be amortized to comprehensive income over the remaining life of the securities. The fair value of the transferred AFS securities became the book value of the HTM securities at April 1, 2014, with no unrealized gain or loss at this date. Future reporting periods, with potential changes in market value for these securities, would likely record an unrealized gain or loss for disclosure purposes.

The amortized cost and fair value of securities available for sale and held-to-maturity at December 31, 2018 and December 31, 2017, by contractual maturity, are shown below. Expected maturities will differ from contractual maturities because issuers may have the right to call or prepay obligations with or without call or prepayment penalties.

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(Table dollars in thousands except for per share data)

	December 31, 2018		December 31, 2017	
	Amortized Cost	Fair Value	Amortized Cost	Fair Value
Available for sale				
Within one year	\$ 20,532	\$ 20,448	\$ 13,347	\$ 13,326
One to five years	42,476	41,705	40,468	40,193
Five to ten years	107,839	107,107	50,473	51,156
After ten years	67,020	67,349	63,306	64,326
	237,867	236,609	167,594	169,001
Federal agency collateralized mortgage obligations	187,563	185,003	132,871	130,365
Federal agency mortgage-backed pools	183,479	178,736	211,487	208,657
Private labeled mortgage-backed pools			1,650	1,642
Total available for sale investment securities	\$ 608,909	\$ 600,348	\$ 513,602	\$ 509,665
Held to maturity				
Within one year	\$ 70	\$ 70	\$ 1,948	\$ 1,934
One to five years	48,732	49,324	40,603	41,531
Five to ten years	101,809	101,533	89,801	91,249
After ten years	40,658	38,749	47,484	45,683
	191,269	189,676	179,836	180,397
Federal agency collateralized mortgage obligations	5,144	5,030	5,734	5,682
Federal agency mortgage-backed pools	13,699	13,567	14,878	15,006
Total held to maturity investment securities	\$ 210,112	\$ 208,273	\$ 200,448	\$ 201,085

The following table shows the gross unrealized losses and the fair value of the Company's investments, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position.

	Less than 12 Months		December 31, 2018 12 Months or More		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Investment Securities						
U.S. Treasury and federal agencies	\$	\$	\$ 9,707	\$ (208)	\$ 9,707	\$ (208)
State and municipal	75,163	(1,628)	106,335	(4,316)	181,498	(5,944)

Federal agency collateralized mortgage obligations	6,450	(25)	106,257	(3,280)	112,707	(3,305)
Federal agency mortgage-backed pools	5,739	(39)	175,865	(4,990)	181,604	(5,029)
Corporate notes	5,263	(75)			5,263	(75)
Total temporarily impaired securities	\$ 92,615	\$ (1,767)	\$ 398,164	\$ (12,794)	\$ 490,779	\$ (14,561)

	Less than 12 Months		December 31, 2017 12 Months or More		Total	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Investment Securities						
U.S. Treasury and federal agencies	\$ 15,882	\$ (180)	\$ 2,870	\$ (45)	\$ 18,752	\$ (225)
State and municipal	54,312	(2,758)	30,691	(844)	85,003	(3,602)
Federal agency collateralized mortgage obligations	54,006	(589)	73,462	(2,031)	127,468	(2,620)
Federal agency mortgage-backed pools	103,926	(1,019)	86,846	(2,054)	190,772	(3,073)
Private labeled mortgage-backed pools	1,642	(8)			1,642	(8)
Total temporarily impaired securities	\$ 229,768	\$ (4,554)	\$ 193,869	\$ (4,974)	\$ 423,637	\$ (9,528)

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U.S. Treasury, federal agency, state and municipal

The unrealized losses on the Company's investments in U.S. Treasury, federal agency and state and municipals were caused by interest rate changes. The contractual terms of those investments do not permit the issuer to settle the securities at a price less than the amortized cost bases of the investments. Because the Company does not intend to sell the investments and it is not more likely than not the Company will be required to sell the investments before recovery of their amortized cost bases, which may be maturity, the Company does not consider those investments to be other-than-temporarily impaired at December 31, 2018.

Federal agency mortgage-backed pools and collateralized mortgage obligations

The unrealized losses on the Company's investment in federal agency mortgage backed pools and collateralized mortgage obligations securities were caused by interest rate changes. The Company expects to recover the amortized cost basis over the term of the securities. Because the decline in market value is attributable to changes in interest rates and not credit quality, and because the Company does not intend to sell the investments and it is not more likely than not the Company will be required to sell the investments before recovery of their amortized cost bases, which may be maturity, the Company does not consider those investments to be other-than-temporarily impaired at December 31, 2018.

Information regarding security proceeds, gross gains and gross losses are presented below.

	Years Ended December 31		
	2018	2017	2016
Sales of securities available for sale			
Proceeds	\$ 38,519	\$ 5,490	\$ 182,549
Gross gains	37	151	2,646
Gross losses	(480)	(113)	(810)

The tax effect of the proceeds from the sale of securities available for sale was \$(93,000), \$13,000 and \$643,000 for the years ended December 31, 2018, 2017 and 2016, respectively.

The Company pledges securities to secure retail and corporate repurchase agreements to the Federal Reserve for borrowing availability and as settlements for the fair value of swap agreements. At December 31, 2018, the Company had pledged \$58.8 million of fair value or \$60.7 million of amortized cost, in securities as collateral for \$52.1 million in repurchase agreements, \$96.2 million of fair value or \$95.9 million of amortized cost, in securities as collateral for borrowing availability at the Federal Reserve with \$0 current outstanding borrowings and \$11.1 million of fair value or \$11.2 million of amortized cost, in securities as collateral for \$1.8 million in settlements on the fair value of swap agreements.

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Note 5 Loans

	December 31 2018	December 31 2017
Commercial		
Working capital and equipment	\$ 804,083	\$ 720,477
Real estate, including agriculture	834,037	880,861
Tax exempt	48,975	36,324
Other	34,495	32,272
Total	1,721,590	1,669,934
Real estate		
1-4 family	659,754	602,196
Other	8,387	7,543
Total	668,141	609,739
Consumer		
Auto	327,413	244,003
Recreation	13,975	8,728
Real estate/home improvement	39,587	37,052
Home equity	163,209	165,240
Unsecured	4,043	3,479
Other	1,254	2,497
Total	549,481	460,999
Mortgage warehouse	74,120	94,508
Total loans	3,013,332	2,835,180
Allowance for loan losses	(17,820)	(16,394)
Loans, net	\$ 2,995,512	\$ 2,818,786

Commercial

Commercial loans are primarily based on the identified cash flows of the borrower and secondarily on the underlying collateral provided by the borrower. The cash flows of borrowers, however, may not be as expected, and the collateral securing these loans may fluctuate in value. Most commercial loans are secured by the assets being financed or other business assets such as accounts receivable or inventory and may incorporate a personal guarantee; however, some

short-term loans may be made on an unsecured basis. In the case of loans secured by accounts receivable, the availability of funds for the repayment of these loans may be substantially dependent on the ability of the borrower to collect amounts due from its customers.

Commercial real estate loans are viewed primarily as cash flow loans and secondarily as loans secured by real estate. Commercial real estate lending typically involves larger loan principal amounts and the repayment of these loans is generally dependent on the successful operation of the property securing the loan or the business conducted on the property securing the loan. Commercial real estate loans may be more adversely affected by conditions in the real estate markets, the general economy or fluctuations in interest rates. The properties securing the Company's commercial real estate portfolio are diverse in terms of property type, and are monitored for concentrations of credit. Management monitors and evaluates commercial real estate loans based on collateral, cash flow and risk grade criteria. As a general rule, the Company avoids financing single purpose projects unless other underwriting factors are present to help mitigate risk. In addition, management tracks the level of owner-occupied commercial real estate loans versus non-owner occupied loans.

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Real Estate and Consumer

With respect to residential loans that are secured by 1-4 family residences and are generally owner occupied, the Company generally establishes a maximum loan-to-value ratio and requires private mortgage insurance if that ratio is exceeded. Home equity loans are typically secured by a subordinate interest in 1-4 family residences, and consumer loans are secured by consumer assets such as automobiles or recreational vehicles. Some consumer loans are unsecured such as small installment loans and certain lines of credit. Repayment of these loans is primarily dependent on the personal income of the borrowers, which can be impacted by economic conditions in their market areas such as unemployment levels. Repayment can also be impacted by changes in property values on residential properties. Risk is mitigated by the fact that the loans are of smaller individual amounts and spread over a large number of borrowers.

Mortgage Warehousing

Horizon's mortgage warehouse lending has specific mortgage companies as customers of Horizon Bank. Individual mortgage loans originated by these mortgage companies are funded as a secured borrowing with a pledge of collateral under Horizon's agreement with the mortgage company. Each mortgage loan funded by Horizon undergoes an underwriting review by Horizon to the end investor guidelines and is assigned to Horizon until the loan is sold to the secondary market by the mortgage company. In addition, Horizon takes possession of each original note and forwards such note to the end investor once the mortgage company has sold the loan. At the time a loan is transferred to the secondary market, the mortgage company reacquires the loan under its option within the agreement. Due to the reacquire feature contained in the agreement, the transaction does not qualify as a sale and therefore is accounted for as a secured borrowing with a pledge of collateral pursuant to the agreement with the mortgage company. When the individual loan is sold to the end investor by the mortgage company, the proceeds from the sale of the loan are received by Horizon and used to pay off the loan balance with Horizon along with any accrued interest and any related fees. The remaining balance from the sale is forwarded to the mortgage company. These individual loans typically are sold by the mortgage company within 30 days and are seldom held more than 90 days. Interest income is accrued during this period and collected at the time each loan is sold. Fee income for each loan sold is collected when the loan is sold, and no costs are deferred due to the term between each loan funding and related payoff, which is typically less than 30 days.

Based on the agreements with each mortgage company, at any time a mortgage company can reacquire from Horizon its outstanding loan balance on an individual mortgage and regain possession of the original note. Horizon also has the option to request that the mortgage company reacquire an individual mortgage. Should this occur, Horizon would return the original note and reassign the assignment of the mortgage to the mortgage company. Also, in the event that the end investor would not be able to honor the purchase commitment and the mortgage company would not be able to reacquire its loan on an individual mortgage, Horizon would be able to exercise its rights under the agreement.

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The following table shows the recorded investment of individual loan categories.

	Loan Balance	December 31, 2018		Recorded Investment
		Interest Due	Deferred Costs/(Fees)	
Owner occupied real estate	\$ 561,463	\$ 1,240	\$ (1,629)	\$ 561,074
Non-owner occupied real estate	717,814	1,063	(1,839)	717,038
Residential spec homes	5,199	13	(2)	5,210
Development & spec land	46,547	131	(12)	46,666
Commercial and industrial	394,346	3,149	(297)	397,198
Total commercial	1,725,369	5,596	(3,779)	1,727,186
Residential mortgage	646,136	1,861	(2,025)	645,972
Residential construction	24,030	42		24,072
Mortgage warehouse	74,120	480		74,600
Total real estate	744,286	2,383	(2,025)	744,644
Direct installment	38,173	103	566	38,842
Indirect installment	314,177	738		314,915
Home equity	194,766	973	1,799	197,538
Total consumer	547,116	1,814	2,365	551,295
Total loans	3,016,771	9,793	(3,439)	3,023,125
Allowance for loan losses	(17,820)			(17,820)
Net loans	\$ 2,998,951	\$ 9,793	\$ (3,439)	\$ 3,005,305

	Loan Balance	December 31, 2017		Recorded Investment
		Interest Due	Deferred Costs/(Fees)	
Owner occupied real estate	\$ 576,022	\$ 1,511	\$ (1,917)	\$ 575,616
Non-owner occupied real estate	683,901	1,138	(2,478)	682,561
Residential spec homes	16,591	63	(80)	16,574
Development & spec land	49,996	117	(579)	49,534
Commercial and industrial	349,085	2,572	(607)	351,050

Total commercial	1,675,595	5,401	(5,661)	1,675,335
Residential mortgage	596,087	1,776	(2,375)	595,488
Residential construction	16,027	39		16,066
Mortgage warehouse	94,508	480		94,988
Total real estate	706,622	2,295	(2,375)	706,542
Direct installment	36,737	113	552	37,402
Indirect installment	227,659	528	(168)	228,019
Home equity	194,860	889	1,359	197,108
Total consumer	459,256	1,530	1,743	462,529
Total loans	2,841,473	9,226	(6,293)	2,844,406
Allowance for loan losses	(16,394)			(16,394)
Net loans	\$ 2,825,079	\$ 9,226	\$ (6,293)	\$ 2,828,012

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Note 6 Accounting for Certain Loans Acquired in a Transfer

The Company acquired loans in acquisitions with evidence of deterioration of credit quality since origination and it was probable, at acquisition, that all contractually required payments would not be collected.

Loans purchased with evidence of credit deterioration since origination and for which it is probable that all contractually required payments will not be collected are considered to be credit impaired. Evidence of credit quality deterioration as of the purchase date may include information such as past-due and non-accrual status, borrower credit scores and recent loan-to-value percentages. Purchased credit-impaired loans are accounted for under the accounting guidance for loans and debt securities acquired with deteriorated credit quality (ASC 310-30) and initially measured at fair value, which includes estimated future credit losses expected to be incurred over the life of the loan. Accordingly, an allowance for credit losses related to these loans is not carried over and recorded at the acquisition date.

Management estimated the cash flows expected to be collected at acquisition using our internal risk models, which incorporate the estimate of current key assumptions, such as default rates, severity and prepayment speeds.

The carrying amounts of those loans included in the balance sheet amounts of loans receivable are as follows:

	December 31, 2018			Outstanding Balance	Allowance for Loan Losses	Carrying Amount
	Commercial	Real Estate	Consumer			
Heartland	\$ 232	\$ 175	\$	\$ 407	\$	\$ 407
Summit	323	555		878		878
Peoples	270	58		328		328
Kosciusko	746	155		901		901
LaPorte	753	947	27	1,727	60	1,667
Lafayette	3,080			3,080		3,080
Wolverine	7,841			7,841		7,841
Total	\$ 13,245	\$ 1,890	\$ 27	\$ 15,162	\$ 60	\$ 15,102

	December 31, 2017			Outstanding Balance	Allowance for Loan Losses	Carrying Amount
	Commercial	Real Estate	Consumer			

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Heartland	\$ 390	\$ 229	\$	\$ 619	\$	\$ 619
Summit	3,653	870		4,523		4,523
Peoples	315	126		441		441
Kosciusko	838	403		1,241		1,241
LaPorte	1,034	1,004	33	2,071		2,071
Lafayette	4,271			4,271		4,271
Wolverine	16,697			16,697		16,697
Total	\$ 27,198	\$ 2,632	\$ 33	\$ 29,863	\$	\$ 29,863

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Accretable yield, or income expected to be collected are as follows:

	Twelve Months Ended December 31, 2018					Ending balance
	Beginning balance	Additions	Accretion	Reclassification from nonaccretable difference	Disposals	
Heartland	\$ 452	\$	\$ (85)	\$	\$ (193)	\$ 174
Summit	147		(54)		(51)	42
Kosciusko	386		(78)		(8)	300
LaPorte	980		(144)		(7)	829
Lafayette	933		(275)		(49)	609
Wolverine	2,267		(812)		(757)	698
Total	\$ 5,165	\$	\$ (1,448)	\$	\$ (1,065)	\$ 2,652

	Twelve Months Ended December 31, 2017					Ending balance
	Beginning balance	Additions	Accretion	Reclassification from nonaccretable difference	Disposals	
Heartland	\$ 557	\$	\$ (99)	\$	\$ (6)	\$ 452
Summit	502		(353)		(2)	147
Peoples	389		(388)		(1)	
Kosciusko	530		(101)		(43)	386
LaPorte	1,479		(235)		(264)	980
Lafayette		933				933
Wolverine		2,267				2,267
Total	\$ 3,457	\$ 3,200	\$ (1,176)	\$	\$ (316)	\$ 5,165

During the years ended December 31, 2018 and 2017, the Company increased the allowance for loan losses by a charge to the income statement of \$60,000 and \$0, respectively. No allowance for loan losses were reversed for the years ended December 31, 2018 and 2017.

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Note 7 Allowance for Loan Losses

The historical loss experience is determined by portfolio segment and is based on the actual loss history experienced by the Company over the prior one to five years. Management believes using the highest of the one, two or five-year historical loss experience is an appropriate methodology in the current economic environment, as it captures loss rates that are comparable to the current period being analyzed. The actual allowance for loan loss activity is provided below.

	Years Ended December 31		
	2018	2017	2016
Balance at beginning of the period	\$ 16,394	\$ 14,837	\$ 14,534
Loans charged-off:			
Commercial			
Owner occupied real estate	112	68	181
Non-owner occupied real estate		20	471
Residential spec homes			
Development & spec land		1	
Commercial and industrial	361	540	106
Total commercial	473	629	758
Real estate			
Residential mortgage	76	89	213
Residential construction			
Mortgage warehouse			
Total real estate	76	89	213
Consumer			
Direct installment	154	137	329
Indirect installment	1,673	1,193	1,051
Home equity	176	205	309
Total consumer	2,003	1,535	1,689
Total loans charged-off	2,552	2,253	2,660
Recoveries of loans previously charged-off:			
Commercial			
Owner occupied real estate	59	9	31
Non-owner occupied real estate	29	32	55

Residential spec homes	8	8	8
Development & spec land			
Commercial and industrial	80	249	116
Total commercial	176	298	210
Real estate			
Residential mortgage	27	44	97
Residential construction			
Mortgage warehouse			
Total real estate	27	44	97
Consumer			
Direct installment	53	501	81
Indirect installment	505	497	529
Home equity	311		204
Total consumer	869	998	814
Total loan recoveries	1,072	1,340	1,121
Net loans charged-off	1,480	913	1,539
Provision charged to operating expense			
Commercial	1,699	2,164	(68)
Real estate	(487)	(81)	(23)
Consumer	1,694	387	1,933
Total provision charged to operating expense	2,906	2,470	1,842
Balance at the end of the period	\$ 17,820	\$ 16,394	\$ 14,837

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Certain loans are individually evaluated for impairment, and the Company's general practice is to proactively charge down impaired loans to the fair value, which is the appraised value less estimated selling costs, of the underlying collateral.

Consistent with regulatory guidance, charge-offs on all loan segments are taken when specific loans, or portions thereof, are considered uncollectible. The Company's policy is to promptly charge these loans off in the period the uncollectible loss is reasonably determined.

For all loan portfolio segments except 1-4 family residential properties and consumer, the Company promptly charges-off loans, or portions thereof, when available information confirms that specific loans are uncollectible based on information that includes, but is not limited to, (1) the deteriorating financial condition of the borrower, (2) declining collateral values, and/or (3) legal action, including bankruptcy, that impairs the borrower's ability to adequately meet its obligations. For impaired loans that are considered to be solely collateral dependent, a partial charge-off is recorded when a loss has been confirmed by an updated appraisal or other appropriate valuation of the collateral.

The Company charges-off 1-4 family residential and consumer loans, or portions thereof, when the Company reasonably determines the amount of the loss. The Company adheres to timeframes established by applicable regulatory guidance which provides for the charge-down or specific allocation of 1-4 family first and junior lien mortgages to the net realizable value less costs to sell when the value is known but no later than when a loan is 180 days past due. Pursuant to such guidelines, the Company also charges-off unsecured open-end loans when the loan is contractually 90 days past due, and charges down to the net realizable value other secured loans when they are contractually 90 days past due. Loans at these respective delinquency thresholds for which the Company can clearly document that the loan is both well-secured and in the process of collection, such that collection in full will occur regardless of delinquency status, are not charged off.

The following table presents the balance in the allowance for loan losses and the recorded investment in loans by portfolio segment and based on impairment analysis:

	December 31, 2018				
	Commercial	Real Estate	Mortgage Warehousing	Consumer	Total
Allowance For Loan Losses					
Ending allowance balance attributable to loans:					
Individually evaluated for impairment	\$ 1,035	\$	\$	\$	\$ 1,035
Collectively evaluated for impairment	9,460	1,676	1,006	4,643	16,785

Loans acquired with deteriorated credit quality					
Total ending allowance balance	\$ 10,495	\$ 1,676	\$ 1,006	\$ 4,643	\$ 17,820
Loans:					
Individually evaluated for impairment	\$ 6,708	\$	\$	\$	\$ 6,708
Collectively evaluated for impairment	1,718,661	670,166	74,120	547,116	3,010,063
Loans acquired with deteriorated credit quality					
Total ending loans balance	\$ 1,725,369	\$ 670,166	\$ 74,120	\$ 547,116	\$ 3,016,771

	December 31, 2017				
	Commercial	Real Estate	Mortgage Warehousing	Consumer	Total
Allowance For Loan Losses					
Ending allowance balance attributable to loans:					
Individually evaluated for impairment	\$ 184	\$	\$	\$	\$ 184
Collectively evaluated for impairment	8,909	2,188	1,030	4,083	16,210
Loans acquired with deteriorated credit quality					
Total ending allowance balance	\$ 9,093	\$ 2,188	\$ 1,030	\$ 4,083	\$ 16,394
Loans:					
Individually evaluated for impairment	\$ 7,187	\$	\$	\$	\$ 7,187
Collectively evaluated for impairment	1,668,408	612,114	94,508	459,256	2,834,286
Loans acquired with deteriorated credit quality					
Total ending loans balance	\$ 1,675,595	\$ 612,114	\$ 94,508	\$ 459,256	\$ 2,841,473

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Note 8 Non-performing Assets and Impaired Loans

The following table presents the nonaccrual, loans past due over 90 days still on accrual, and troubled debt restructured (TDRs) by class of loans:

	December 31, 2018				
	Non-accrual	Loans Past Due Over 90 Days Still Accruing	Non-performing TDRs	Performing TDRs	Total Non-performing Loans
Commercial					
Owner occupied real estate	\$ 3,413	\$	\$	\$ 109	\$ 3,522
Non-owner occupied real estate	554		492		1,046
Residential spec homes					
Development & spec land	68				68
Commercial and industrial	2,059	208			2,267
Total commercial	6,094	208	492	109	6,903
Real estate					
Residential mortgage	2,846	180	423	1,558	5,007
Residential construction					
Mortgage warehouse					
Total real estate	2,846	180	423	1,558	5,007
Consumer					
Direct installment	35				35
Indirect installment	916	173			1,089
Home equity	1,657	7	142	335	2,141
Total consumer	2,608	180	142	335	3,265
Total	\$ 11,548	\$ 568	\$ 1,057	\$ 2,002	\$ 15,175

	December 31, 2017				
	Non-accrual	Loans Past	Non-performing TDRs	Performing TDRs	Total Non-performing

	Due Over 90 Days Still Accruing			Loans	
Commercial					
Owner occupied real estate	\$ 4,877	\$	\$ 11	\$ 1	\$ 4,889
Non-owner occupied real estate	115		440		555
Residential spec homes					
Development & spec land	176				176
Commercial and industrial	1,734				1,734
Total commercial	6,902		451	1	7,354
Real estate					
Residential mortgage	3,693		351	1,450	5,494
Residential construction				222	222
Mortgage warehouse					
Total real estate	3,693		351	1,672	5,716
Consumer					
Direct installment	160				160
Direct installment purchased					
Indirect installment	1,041	167			1,208
Home equity	1,480		211	285	1,976
Total consumer	2,681	167	211	285	3,344
Total	\$ 13,276	\$ 167	\$ 1,013	\$ 1,958	\$ 16,414

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Included in the \$11.5 million of non-accrual loans and the \$1.1 million of non-performing TDRs at December 31, 2018 were \$3.6 million and \$0, respectively, of loans acquired for which there were accretable yields recognized.

From time to time, the Bank obtains information that may lead management to believe that the collection of payments may be doubtful on a particular loan. In recognition of this, it is management's policy to convert the loan from an earning asset to a non-accruing loan. The entire balance of a loan is considered delinquent if the minimum payment contractually required to be made is not received by the specified due date. Further, it is management's policy to generally place a loan on a non-accrual status when the payment is delinquent in excess of 90 days or the loan has had the accrual of interest discontinued by management. The officer responsible for the loan and the Chief Credit Officer and/or the Chief Operations Officer must review all loans placed on non-accrual status. Subsequent payments on non-accrual loans are recorded as a reduction of principal, and interest income is recorded only after principal recovery is reasonably assured. Non-accrual loans are returned to accrual status when, in the opinion of management, the financial position of the borrower indicates there is no longer any reasonable doubt as to the timely collection of interest or principal in accordance with the loan terms. The Company requires a period of satisfactory performance of not less than six months before returning a non-accrual loan to accrual status.

A loan becomes impaired when, based on current information, it is probable that a creditor will be unable to collect all amounts due according to the contractual terms of the loan agreement. When a loan is classified as impaired, the degree of impairment must be recognized by estimating future cash flows from the debtor. The present value of these cash flows is computed at a discount rate based on the interest rate contained in the loan agreement. However, if a particular loan has a determinable market value for its collateral, the creditor may use that value. Also, if the loan is secured and considered collateral dependent, the creditor may use the fair value of the collateral. Interest income on loans individually classified as impaired is recognized on a cash basis after all past due and current principal payments have been made.

Smaller-balance, homogeneous loans are evaluated for impairment in total. Such loans include residential first mortgage loans secured by 1-4 family residences, residential construction loans, automobile, home equity, second mortgage loans and mortgage warehouse loans. Commercial loans and mortgage loans secured by other properties are evaluated individually for impairment. When analysis of borrower operating results and financial condition indicate that underlying cash flows of a borrower's business are not adequate to meet its debt service requirements, the loan is evaluated for impairment. Often this is associated with a delay or shortfall in payments of 30 days or more. Loans are generally moved to non-accrual status when they are 90 days or more past due. These loans are often considered impaired. Impaired loans, or portions thereof, are charged off when deemed uncollectible.

Loans for which it is probable that the Company will not collect all principal and interest due according to contractual terms, including TDRs, are measured for impairment. Allowable methods for determining the amount of impairment include the three methods described above.

The Company's TDRs are considered impaired loans and included in the allowance methodology using the guidance for impaired loans. At December 31, 2018, the type of concessions the Company has made on restructured loans has

been temporary rate reductions and/or reductions in monthly payments and there have been no restructured loans with modified recorded balances. Any modification to a loan that is a concession and is not in the normal course of lending is considered a restructured loan. A restructured loan is returned to accruing status after six consecutive payments but is still reported as TDR unless the loan bears interest at a market rate. As of December 31, 2018, the Company had \$3.1 million in TDRs and \$2.0 million were performing according to the restructured terms and one TDR was returned to accrual status during 2018. There was \$20,000 of specific reserves allocated to TDRs at December 31, 2018 based on the collateral deficiencies.

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The following table presents commercial loans individually evaluated for impairment by class of loans:

	December 31, 2018			Twelve Months Ended	
	Unpaid Principal Balance	Recorded Investment	Allowance for Loan Loss Allocated	Average Balance in Impaired Loans	Cash/Accrual Interest Income Recognized
With no recorded allowance					
Commercial					
Owner occupied real estate	\$ 2,696	\$ 2,689	\$	\$ 3,048	\$ 71
Non-owner occupied real estate	860	888		1,096	12
Residential spec homes					
Development & spec land	68	66		71	
Commercial and industrial	1,344	1,337		1,239	27
Total commercial	4,968	4,980		5,454	110
With an allowance recorded					
Commercial					
Owner occupied real estate	827	828	145	864	
Non-owner occupied real estate	186	186	30	180	4
Residential spec homes					
Development & spec land					
Commercial and industrial	715	714	860	870	14
Total commercial	1,728	1,728	1,035	1,914	18
Total	\$ 6,696	\$ 6,708	\$ 1,035	\$ 7,368	\$ 128

December 31, 2017

				Twelve Months Ended	
	Unpaid Principal Balance	Recorded Investment	Allowance for Loan Loss Allocated	Average Balance in Impaired	Cash/Accrual Interest Income Recognized

Loans					
With no recorded allowance					
Commercial					
Owner occupied real estate	\$ 3,824	\$ 3,849	\$	\$ 1,673	\$ 11
Non-owner occupied real estate	554	570		345	
Residential spec homes					
Development & spec land	176	174		233	4
Commercial and industrial	1,656	1,663		1,445	25
Total commercial	6,210	6,256		3,696	40
With an allowance recorded					
Commercial					
Owner occupied real estate	931	931	184	78	46
Non-owner occupied real estate					
Residential spec homes					
Development & spec land					
Commercial and industrial					
Total commercial	931	931	184	78	46
Total	\$ 7,141	\$ 7,187	\$ 184	\$ 3,774	\$ 86

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	December 31, 2016			Twelve Months Ended	
	Unpaid Principal Balance	Recorded Investment	Allowance for Loan Loss Allocated	Average Balance in Impaired Loans	Cash/Accrual Interest Income Recognized
With no recorded allowance					
Commercial					
Owner occupied real estate	\$ 1,533	\$ 1,533	\$	\$ 1,619	\$ 58
Non-owner occupied real estate	440	440		871	18
Residential spec homes					
Development & spec land	118	118		61	16
Commercial and industrial	128	127		349	1
Total commercial	2,219	2,218		2,900	93
With an allowance recorded					
Commercial					
Owner occupied real estate					
Non-owner occupied real estate					
Residential spec homes					
Development & spec land					
Commercial and industrial	31	32	4	5	2
Total commercial	31	32	4	5	2
Total	\$ 2,250	\$ 2,250	\$ 4	\$ 2,905	\$ 95

The following table presents the payment status by class of loans:

	December 31, 2018						
	Current	30-59 Days Past Due	60-89 Days Past Due	90 Days or Greater Past Due	Non-accrual	Total Past Due & Non-accrual Loans	Total
Commercial							
Owner occupied real estate	\$ 556,516	\$ 537	\$ 997	\$	\$ 3,413	\$ 4,947	\$ 561,463

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Non-owner occupied real estate	716,574	175	19		1,046	1,240	717,814
Residential spec homes	4,707	492				492	5,199
Development & spec land	46,479				68	68	46,547
Commercial and industrial	390,828	515	736	208	2,059	3,518	394,346
Total commercial Real estate	1,715,104	1,719	1,752	208	6,586	10,265	1,725,369
Residential mortgage	641,500	1,131	56	180	3,269	4,636	646,136
Residential construction	24,030						24,030
Mortgage warehouse	74,120						74,120
Total real estate	739,650	1,131	56	180	3,269	4,636	744,286
Consumer							
Direct installment	38,138	93	18		35	35	38,173
Indirect installment	313,088	1,396	198	173	916	1,089	314,177
Home equity	192,960	761	37	7	1,799	1,806	194,766
Total consumer	544,186	2,250	253	180	2,750	2,930	547,116
Total	\$ 2,998,940	\$ 5,100	\$ 2,061	\$ 568	\$ 12,605	\$ 17,831	\$ 3,016,771
Percentage of total loans	99.41%	0.17%	0.07%	0.02%	0.42%	0.59%	

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	December 31, 2017						
				90 Days or Greater Past Due		Total Past Due & Non-accrual Loans	
	Current	30-59 Days Past Due	60-89 Days Past Due		Non-accrual		Total
Commercial							
Owner occupied real estate	\$ 567,571	\$ 1,613	\$ 1,950	\$	\$ 4,888	\$ 8,451	\$ 576,022
Non-owner occupied real estate	682,712	512	122		555	1,189	683,901
Residential spec homes	16,591						16,591
Development & spec land	49,789	31			176	207	49,996
Commercial and industrial	346,830	520	1		1,734	2,255	349,085
Total commercial	1,663,493	2,676	2,073		7,353	12,102	1,675,595
Real estate							
Residential mortgage	590,746	1,248	49		4,044	5,341	596,087
Residential construction	15,964	63				63	16,027
Mortgage warehouse	94,508						94,508
Total real estate	701,218	1,311	49		4,044	5,404	706,622
Consumer							
Direct installment	36,489	78	10		160	248	36,737
Indirect installment	224,348	1,859	244	167	1,041	3,311	227,659
Home equity	192,140	502	527		1,691	2,720	194,860
Total consumer	452,977	2,439	781	167	2,892	6,279	459,256
Total	\$ 2,817,688	\$ 6,426	\$ 2,903	\$ 167	\$ 14,289	\$ 23,785	\$ 2,841,473
Percentage of total loans							
	99.16%	0.23%	0.10%	0.01%	0.50%	0.84%	

The entire balance of a loan is considered delinquent if the minimum payment contractually required to be made is not received by the specified due date.

Horizon Bank's processes for determining credit quality differ slightly depending on whether a new loan or a renewed loan is being underwritten, or whether an existing loan is being re-evaluated for credit quality. The latter usually occurs upon receipt of current financial information or other pertinent data that would trigger a change in the loan grade.

For new and renewed commercial loans, the Bank's Credit Department, which acts independently of the loan officer, assigns the credit quality grade to the loan. Loan grades for loans with an aggregate credit exposure that exceeds the authorities in the respective markets (ranging from \$1,000,000 to \$3,500,000) are validated by the Loan Committee, which is chaired by the Chief Commercial Banking Officer (CCBO).

Commercial loan officers are responsible for reviewing their loan portfolios and report any adverse material change to the CCBO or Loan Committee. When circumstances warrant a change in the credit quality grade, loan officers are required to notify the CCBO and the Credit Department of the change in the loan grade. Downgrades are accepted immediately by the CCBO, however, lenders must present their factual information to either the Loan Committee or the CCBO when recommending an upgrade.

The CCBO, or his designee, meets weekly with loan officers to discuss the status of past-due loans and classified loans. These meetings are also designed to give the loan officers an opportunity to identify an existing loan that should be downgraded to a classified grade.

Monthly, senior management meets with the Watch Committee, which reviews all of the past due, classified, and impaired loans and the relative trends of these assets. This committee also reviews the actions taken by management regarding foreclosure mitigation, loan extensions, troubled debt restructures, other real estate owned and personal property repossessions. The information reviewed in this meeting acts as a precursor for developing management's analysis of the adequacy of the Allowance for Loan and Lease Losses.

For residential real estate and consumer loans, Horizon uses a grading system based on delinquency. Loans that are 90 days or more past due, on non-accrual, or are classified as a TDR are graded Substandard. After being 90 to 120 days delinquent a loan is charged off unless it is well secured and in the process of collection. If the latter case exists, the loan is placed on non-accrual. Occasionally a mortgage loan may be graded as Special Mention. When this situation arises, it is because the characteristics of the loan and the borrower fit the definition of a Risk Grade 5 described below, which is normally used for grading commercial loans. Loans not graded Substandard are considered Pass.

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Horizon Bank employs a nine-grade rating system to determine the credit quality of commercial loans. The first five grades represent acceptable quality, and the last four grades mirror the criticized and classified grades used by the bank regulatory agencies (special mention, substandard, doubtful, and loss). The loan grade definitions are detailed below.

Risk Grade 1: Excellent (Pass)

Loans secured by liquid collateral, such as certificates of deposit, reputable bank letters of credit, or other cash equivalents; loans that are guaranteed or otherwise backed by the full faith and credit of the United States government or an agency thereof, such as the Small Business Administration; or loans to any publicly held company with a current long-term debt rating of A or better.

Risk Grade 2: Good (Pass)

Loans to businesses that have strong financial statements containing an unqualified opinion from a CPA firm and at least three consecutive years of profits; loans supported by unaudited financial statements containing strong balance sheets, five consecutive years of profits, a five-year satisfactory relationship with the Bank, and key balance sheet and income statement trends that are either stable or positive; loans secured by publicly traded marketable securities where there is no impediment to liquidation; loans to individuals backed by liquid personal assets and unblemished credit history; or loans to publicly held companies with current long-term debt ratings of Baa or better.

Risk Grade 3: Satisfactory (Pass)

Loans supported by financial statements (audited or unaudited) that indicate average or slightly below average risk and having some deficiency or vulnerability to changing economic conditions; loans with some weakness but offsetting features of other support are readily available; loans that are meeting the terms of repayment, but which may be susceptible to deterioration if adverse factors are encountered. Loans may be graded Satisfactory when there is no recent information on which to base a current risk evaluation and the following conditions apply:

At inception, the loan was properly underwritten, did not possess an unwarranted level of credit risk, and the loan met the above criteria for a risk grade of Excellent, Good, or Satisfactory;

At inception, the loan was secured with collateral possessing a loan value adequate to protect the Bank from loss.

The loan has exhibited two or more years of satisfactory repayment with a reasonable reduction of the principal balance.

During the period that the loan has been outstanding, there has been no evidence of any credit weakness. Some examples of weakness include slow payment, lack of cooperation by the borrower, breach of loan covenants, or the borrower is in an industry known to be experiencing problems. If any of these credit weaknesses is observed, a lower risk grade may be warranted.

Risk Grade 4 Satisfactory/Monitored:

Loans in this category are considered to be of acceptable credit quality, but contain greater credit risk than Satisfactory loans. Borrower displays acceptable liquidity, leverage, and earnings performance within the Bank's minimum underwriting guidelines. The level of risk is acceptable but conditioned on the proper level of loan officer supervision. Loans that normally fall into this grade include acquisition, construction and development loans and income producing properties that have not reached stabilization.

Risk Grade 4W Management Watch:

Loans in this category are considered to be of acceptable quality, but with above normal risk. Borrower displays potential indicators of weakness in the primary source of repayment resulting in a higher reliance on secondary sources of repayment. Balance sheet may exhibit weak liquidity and/or high leverage. There is inconsistent earnings performance without the ability to sustain adverse economic conditions. Borrower may be operating in a declining industry or the property type, as for a commercial real estate loan, may be high risk or in decline. These loans require an increased level of loan officer supervision and monitoring to assure that any deterioration is addressed in a timely fashion.

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Risk Grade 5: Special Mention

Loans which possess some credit deficiency or potential weakness which deserves close attention. Such loans pose an unwarranted financial risk that, if not corrected, could weaken the loan by adversely impacting the future repayment ability of the borrower. The key distinctions of a Special Mention classification are that (1) it is indicative of an unwarranted level of risk and (2) weaknesses are considered potential, not defined, impairments to the primary source of repayment. These loans may be to borrowers with adverse trends in financial performance, collateral value and/or marketability, or balance sheet strength.

Risk Grade 6: Substandard

One or more of the following characteristics may be exhibited in loans classified Substandard:

Loans which possess a defined credit weakness. The likelihood that a loan will be paid from the primary source of repayment is uncertain. Financial deterioration is under way and very close attention is warranted to ensure that the loan is collected without loss.

Loans are inadequately protected by the current net worth and paying capacity of the obligor.

The primary source of repayment is gone, and the Bank is forced to rely on a secondary source of repayment, such as collateral liquidation or guarantees.

Loans have a distinct possibility that the Bank will sustain some loss if deficiencies are not corrected.

Unusual courses of action are needed to maintain a high probability of repayment.

The borrower is not generating enough cash flow to repay loan principal; however, it continues to make interest payments.

The lender is forced into a subordinated or unsecured position due to flaws in documentation.

Loans have been restructured so that payment schedules, terms, and collateral represent concessions to the borrower when compared to the normal loan terms.

The lender is seriously contemplating foreclosure or legal action due to the apparent deterioration in the loan.

There is a significant deterioration in market conditions to which the borrower is highly vulnerable.

Risk Grade 7: Doubtful

One or more of the following characteristics may be present in loans classified Doubtful:

Loans have all of the weaknesses of those classified as Substandard. However, based on existing conditions, these weaknesses make full collection of principal highly improbable.

The primary source of repayment is gone, and there is considerable doubt as to the quality of the secondary source of repayment.

The possibility of loss is high but because of certain important pending factors which may strengthen the loan, loss classification is deferred until the exact status of repayment is known.

Risk Grade 8: Loss

Loans are considered uncollectible and of such little value that continuing to carry them as assets is not feasible. Loans will be classified Loss when it is neither practical nor desirable to defer writing off or reserving all or a portion of a basically worthless asset, even though partial recovery may be possible at some time in the future.

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The following table presents loans by credit grades.

	December 31, 2018				
	Pass	Special Mention	Substandard	Doubtful	Total
Commercial					
Owner occupied real estate	\$ 538,177	\$ 6,618	\$ 16,668	\$	\$ 561,463
Non-owner occupied real estate	702,269	9,682	5,863		717,814
Residential spec homes	5,199				5,199
Development & spec land	46,382	97	68		46,547
Commercial and industrial	379,607	6,655	8,084		394,346
Total commercial	1,671,634	23,052	30,683		1,725,369
Real estate					
Residential mortgage	641,309		4,827		646,136
Residential construction	24,030				24,030
Mortgage warehouse	74,120				74,120
Total real estate	739,459		4,827		744,286
Consumer					
Direct installment	38,138		35		38,173
Indirect installment	313,088		1,089		314,177
Home equity	192,625		2,141		194,766
Total consumer	543,851		3,265		547,116
Total	\$ 2,954,944	\$ 23,052	\$ 38,775	\$	\$ 3,016,771
Percentage of total loans	97.95%	0.76%	1.29%	0.00%	

	December 31, 2017				
	Pass	Special Mention	Substandard	Doubtful	Total
Commercial					
Owner occupied real estate	\$ 549,198	\$ 8,622	\$ 18,202	\$	\$ 576,022
Non-owner occupied real estate	675,030	3,864	5,007		683,901
Residential spec homes	16,591				16,591
Development & spec land	48,884	886	226		49,996

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Commercial and industrial	327,970	7,448	13,667	349,085
Total commercial	1,617,673	20,820	37,102	1,675,595
Real estate				
Residential mortgage	590,593		5,494	596,087
Residential construction	15,805		222	16,027
Mortgage warehouse	94,508			94,508
Total real estate	700,906		5,716	706,622
Consumer				
Direct installment	36,577		160	36,737
Indirect installment	226,451		1,208	227,659
Home equity	192,884		1,976	194,860
Total consumer	455,912		3,344	459,256
Total	\$ 2,774,491	\$ 20,820	\$ 46,162	\$ 2,841,473
Percentage of total loans	97.64%	0.73%	1.62%	0.00%

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Note 9 Premises and Equipment

	December 31 2018	December 31 2017
Land	\$ 21,604	\$ 21,633
Buildings and improvements	69,590	68,447
Furniture and equipment	24,596	22,288
Total cost	115,790	112,368
Accumulated depreciation	(41,459)	(36,839)
Net premises and equipment	\$ 74,331	\$ 75,529

Note 10 Loan Servicing

Loans serviced for others are not included in the accompanying consolidated balance sheets. The unpaid principal balances of loans serviced for others totaled approximately \$1.299 billion and \$1.310 billion at December 31, 2018 and 2017.

The aggregate fair value of capitalized mortgage servicing rights was approximately \$13.9 million, \$12.8 million, and \$12.1 million at December 31, 2018, 2017 and 2016, compared to the carrying values of \$12.3 million, \$11.6 million and \$11.1 million, respectively. The fair value of capitalized mortgage servicing rights was approximately \$8.9 million on January 1, 2016. Comparable market values and a valuation model that calculates the present value of future cash flows were used to estimate fair value. For purposes of measuring impairment, risk characteristics including product type, investor type and interest rates, were used to stratify the originated mortgage servicing rights.

	December 31 2018	December 31 2017	December 31 2016
Mortgage servicing rights			
Balances, January 1	\$ 12,189	\$ 11,681	\$ 9,271
Servicing rights capitalized	1,883	2,109	3,426
Amortization of servicing rights	(1,196)	(1,601)	(1,016)
Balances, December 31	12,876	12,189	11,681

Impairment allowance

Balances, January 1	(587)	(507)	(397)
Additions	(78)	(85)	(236)
Reductions	138	5	126
Balances, December 31	(527)	(587)	(507)
Mortgage servicing rights, net	\$ 12,349	\$ 11,602	\$ 11,174

During 2018, the Bank reduced the impairment allowance approximately \$60,000. During 2017 and 2016, the Bank recorded additional impairment of approximately \$80,000 and \$110,000, respectively.

Note 11 Goodwill and Intangible Assets

On October 17, 2017, the Wolverine acquisition resulted in goodwill of \$26.8 million. On September 1, 2017, the Lafayette acquisition resulted in goodwill of \$15.4 million. On November 7, 2016, the CNB acquisition resulted in goodwill of \$609,000. On July 18, 2016, the LaPorte acquisition resulted in goodwill of \$21.0 million. On June 1, 2016, the Kosciusko acquisition resulted in goodwill of \$6.4 million.

No impairment loss was recorded in 2018 or 2017. The Company tested goodwill for impairment during 2018 and 2017. In both valuations, the fair value exceeded the Company's carrying value, therefore, it was concluded goodwill is not impaired. For additional details related to impairment testing, see the "Goodwill and Intangible Assets" section of

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Management's Discussion and Analysis of Financial Condition and Results of Operations included as Item 7 of this Annual Report on Form 10K.

	December 31 2018	December 31 2017
Balance, January 1	\$ 119,880	\$ 76,941
Goodwill acquired		42,939
Balance, December 31	\$ 119,880	\$ 119,880

Goodwill acquired in 2017 includes a \$704,000 measurement period adjustment related to the 2016 acquisition of LaPorte.

As a result of the acquisition of American Trust & Savings Bank in 2010; Heartland in 2012; Summit in 2014; Peoples in 2015; Kosciusko, LaPorte and CNB in 2016; and Lafayette and Wolverine in 2017; the Company has recorded certain amortizable intangible assets related to core deposit intangibles. These core deposit intangibles are being amortized over seven to ten years using an accelerated method. Amortizable intangible assets are summarized as follows:

	December 31, 2018		December 31, 2017	
	Gross Carrying Amount	Accumulated Amortization	Gross Carrying Amount	Accumulated Amortization
Amortizable intangible assets Core deposit intangible	\$ 20,711	\$ (10,321)	\$ 20,711	\$ (8,309)

Amortization expense for intangible assets totaled \$2.0 million, \$1.5 million, and \$1.2 million for the years ended December 31, 2018, 2017 and 2016. Estimated amortization for the years ending December 31 is as follows:

2019	\$ 1,787
2020	1,481
2021	1,394
2022	1,375
2023	1,281
Thereafter	3,072

\$ 10,390

Note 12 Deposits

	December 31 2018	December 31 2017
Noninterest-bearing demand deposits	\$ 642,129	\$ 601,805
Interest-bearing demand deposits	864,026	909,638
Money market (variable rate)	420,123	378,108
Savings deposits	400,187	424,500
Certificates of deposit of \$250,000 or more	371,824	130,585
Other certificates and time deposits	441,087	436,367
Total deposits	\$ 3,139,376	\$ 2,881,003

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Certificates and other time deposits for both retail and brokered maturing in years ending December 31 are as follows:

	Retail	Brokered	Total
2019	\$ 498,382	\$ 27,565	\$ 525,947
2020	112,944	24,530	137,474
2021	48,422	20,535	68,957
2022	16,029	15,256	31,285
2023	14,052	16,698	30,750
Thereafter	18,498		18,498
	\$ 708,327	\$ 104,584	\$ 812,911

Note 13 Borrowings

	December 31 2018	December 31 2017
Federal Home Loan Bank advances, variable and fixed rates ranging from 1.51% to 7.53%, due at various dates through November 15, 2024	\$ 356,579	\$ 336,308
Securities sold under agreements to repurchase	52,116	61,097
Federal Reserve Bank discount window		11,000
Federal funds purchased	141,689	143,252
Notes payable, variable rate of 2.75%, due at various dates through July 13, 2019		12,500
Total borrowings	\$ 550,384	\$ 564,157

The Federal Home Loan Bank advances are secured by first and second mortgage loans and mortgage warehouse loans totaling approximately \$634.0 million. Advances are subject to restrictions or penalties in the event of prepayment.

At December 31, 2018, the Bank had available approximately \$340.3 million in credit lines with various money center banks, including the FHLB.

Contractual maturities in years ending December 31 are as follows:

2019	\$ 485,557
2020	37,472
2021	5,042
2022	12,154
2023	114
Thereafter	10,045
	\$ 550,384

Note 14 Repurchase Agreements

The Company transfers various securities to customers in exchange for cash at the end of each business day and agrees to acquire the securities at the end of the next business day for the cash exchanged plus interest. The process is repeated at the end of each business day until the agreement is terminated. The securities underlying the agreement remain under the Bank's control. Securities sold under agreements to repurchase are secured by federal agency collateralized mortgage obligations and mortgage-backed pools.

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The following table shows repurchase agreements accounted for as secured borrowings:

	December 31, 2018						Total
	Remaining Contractual Maturity of the Agreements						
	Overnight and Continuous	Up to one year	One to three years	Three to five years	Five to ten years	Beyond ten years	
Repurchase Agreements and							
repurchase-to-maturity transactions							
Repurchase Agreements	\$ 52,116	\$	\$	\$	\$	\$	\$ 52,116
Securities pledged for Repurchase							
Agreements							
Federal agency collateralized							
mortgage obligations	\$ 31,454	\$	\$	\$	\$	\$	\$ 31,454
Federal agency							
mortgage-backed pools	27,354						27,354
Total	\$ 58,808	\$	\$	\$	\$	\$	\$ 58,808

Securities sold under agreements to repurchase consist of obligations of the Bank to other parties. The obligations are secured by federal agency collateralized mortgage obligations and federal agency mortgage-backed pools and such collateral is held in safekeeping by third parties. The maximum amount of outstanding agreements at any month end during 2018 and 2017 totaled \$61.4 million and \$63.1 million and the daily average of such agreements totaled \$51.4 million and \$55.2 million. The agreements at December 31, 2018 are overnight agreements.

Note 15 Subordinated Debentures

In October of 2004, Horizon formed Horizon Statutory Trust II (Trust II), a wholly owned statutory business trust. Trust II sold \$10.3 million of Trust Preferred Capital Securities as a participant in a pooled trust preferred securities offering. The proceeds from the sale of the trust preferred securities were used by the trust to purchase an equivalent amount of subordinated debentures from Horizon. The junior subordinated debentures are the sole assets of Trust II and are fully and unconditionally guaranteed by Horizon. The junior subordinated debentures and the trust preferred securities pay interest and dividends on a quarterly basis. The junior subordinated debentures and the securities bear interest at a rate of 90-day LIBOR plus 1.95% (4.75% at December 31, 2018) and mature on October 21, 2034, and securities may be called at any quarterly interest payment date at par. Costs associated with the issuance of the

securities totaling \$17,500 were capitalized and were amortized to October 31, 2009, the first call date of the securities.

In December of 2006, Horizon formed Horizon Bancorp Capital Trust III (Trust III), a wholly owned statutory business trust. Trust III sold \$12.4 million of Trust Preferred Capital Securities as a participant in a pooled trust preferred securities offering. The proceeds from the sale of the trust preferred securities were used by the trust to purchase an equivalent amount of subordinated debentures from Horizon. The junior subordinated debentures are the sole assets of Trust III and are fully and unconditionally guaranteed by Horizon. The junior subordinated debentures and the trust preferred securities pay interest and dividends on a quarterly basis. The junior subordinated debentures and the securities bear interest at a rate of 90-day LIBOR plus 1.65% (4.45% at December 31, 2018) and mature on January 30, 2037, and securities may be called at any quarterly interest payment date at par. Costs associated with the issuance of the securities totaling \$12,647 were capitalized and are being amortized to the first call date of the securities.

The Company assumed additional debentures as the result of the acquisition of Alliance Bank Corporation in 2005. In June 2004, Alliance formed Alliance Financial Statutory Trust I a wholly owned business trust (Alliance Trust), to sell \$5.2 million in trust preferred securities. The proceeds from the sale of the trust preferred securities were used by the trust to purchase an equivalent amount of subordinated debentures from Alliance. The junior subordinated debentures are the sole assets of Alliance Trust and are fully and unconditionally guaranteed by Horizon. The junior subordinated debentures and

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the trust preferred securities pay interest and dividends on a quarterly basis. The junior subordinated debentures and the securities bear interest at a rate of 90-day LIBOR plus 2.65% (5.45% at December 31, 2018) and mature in June 2034, and securities may be called at any quarterly interest payment date at par.

The Company assumed additional debentures as the result of the American Trust & Savings Bank purchase and assumption in 2010. In March 2004, Am Tru Inc., the holding company for American Trust & Savings Bank, formed Am Tru Statutory Trust I a wholly owned business trust (Am Tru Trust), to sell \$3.5 million in trust preferred securities. The proceeds from the sale of the trust preferred securities were used by the trust to purchase an equivalent amount of subordinated debentures from Am Tru Inc. The junior subordinated debentures are the sole assets of Am Tru Trust and are fully and unconditionally guaranteed by Horizon. The junior subordinated debentures and the trust preferred securities pay interest and dividends on a quarterly basis. The junior subordinated debentures and the securities bear interest at a rate of 90-day LIBOR plus 2.85% (5.65% at December 31, 2018) and mature in March 2034, and securities may be called at any quarterly interest payment date at par. The carrying value was \$3.4 million, net of the remaining purchase discount, at December 31, 2018.

The Company assumed additional debentures as the result of the Heartland merger in July 2012. In December 2006, Heartland formed Heartland (IN) Statutory Trust II a wholly owned business trust (Heartland Trust), to sell \$3.0 million in trust preferred securities. The proceeds from the sale of the trust preferred securities were used by the trust to purchase an equivalent amount of subordinated debentures from Heartland. The junior subordinated debentures are the sole assets of Heartland Trust and are fully and unconditionally guaranteed by Horizon. The junior subordinated debentures and the trust preferred securities pay interest and dividends on a quarterly basis. The junior subordinated debentures and the securities bear interest at a rate of 90-day LIBOR plus 1.67% (4.47% at December 31, 2018) and mature in December 2036, and securities may be called at any quarterly interest payment date at par. The carrying value was \$1.9 million, net of the remaining purchase discount, at December 31, 2018.

The Company assumed additional debentures as the result of the LaPorte merger in July 2016. In October 2007, LaPorte assumed debentures as the result of its acquisition of City Savings Financial Corporation (City Savings). In June 2003, City Savings formed City Savings Statutory Trust I a wholly owned business trust (City Savings Trust), to sell \$5.0 million in trust preferred securities. The proceeds from the sale of the trust preferred securities were used by the trust to purchase an equivalent amount of subordinated debentures from City Savings. The junior subordinated debentures are the sole assets of City Savings Trust and are fully and unconditionally guaranteed by Horizon. The junior subordinated debentures and the trust preferred securities pay interest and dividends on a quarterly basis. The junior subordinated debentures and the securities bear interest at a rate of 90-day LIBOR plus 3.10% (5.90% at December 31, 2018) and mature in June 2033, and securities may be called at any quarterly interest payment date at par. The carrying value was \$4.4 million, net of the remaining purchase discount, at December 31, 2018.

The Trust Preferred Capital Securities, subject to certain limitations, are included in Tier 1 Capital for regulatory purposes. Dividends on the Trust Preferred Capital Securities are recorded as interest expense.

Note 16 Employee Stock Ownership Plan

Effective January 1, 2007, Horizon converted its stock bonus plan to an employee stock ownership plan (ESOP). Prior to that date, Horizon maintained an employee stock bonus plan that covered substantially all employees. The stock bonus plan was noncontributory, and Horizon made matching contributions of amounts contributed by the employees to the Employee Thrift Plan and discretionary contributions. Prior to the establishment of the employee stock bonus plan, Horizon maintained an ESOP that was terminated in 1999. The prior ESOP accounts of active employees and the discretionary accounts of active employees remain in the new ESOP. The Matching contribution accounts under the stock bonus plan were transferred to the Employee Thrift Plan.

The ESOP exists for the benefit of substantially all employees. Contributions to the ESOP are by Horizon and are determined by the Board of Directors at its discretion. The contributions may be made in the form of cash or common stock. Shares are allocated among participants each December 31 on the basis of each participant s eligible compensation to total eligible compensation. Eligible compensation is limited to \$265,000 for each participant. Dividends on shares held by the plan, at the discretion of each participant, may be distributed to an individual participant or left in the plan to purchase additional shares.

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Total cash contributions and expense recorded for the ESOP was \$750,000 in 2018, \$600,000 in 2017 and \$550,000 in 2016.

The ESOP, which is not leveraged, owns a total of 1,376,821 shares of Horizon's stock or 3.6% of the outstanding shares as of December 31, 2018.

Note 17 Employee Thrift and Defined Benefit Plan

The Employee Thrift Plan (Plan) provides that all employees of Horizon with the requisite hours of service are eligible for the Plan. The Plan permits voluntary employee contributions and Horizon may make discretionary matching and profit sharing contributions. Each eligible employee is vested according to a schedule based upon years of service. Employee voluntary contributions are vested at all times. The Bank's expense related to the Plan totaled approximately \$1.2 million in 2018, \$942,000 in 2017 and \$785,000 in 2016.

The Plan owns a total of 742,250 shares of Horizon's stock or 1.9% of the outstanding shares as of December 31, 2018.

The Company acquired a pension fund known as the Pentegra Defined Benefit Plan (Pentegra Plan) in the Peoples acquisition. Prior to August 1, 2007, Peoples provided pension benefits for substantially all of its employees through its participation in the Pentegra Plan. Peoples chose to freeze the Pentegra Plan effective August 1, 2007. The trustees of the Financial Institutions Retirement Fund administer the Pentegra Plan, employer identification number 13-5645888 and plan number 333. This plan operates as a multi-employer plan for accounting purposes and as a multiple-employer plan under the Employee Retirement Income Security Act of 1974 and the Internal Revenue Code. There are no collective bargaining agreements in place that require contributions to the Pentegra Plan. The Pentegra Plan is a single plan under Internal Revenue Code 413(c) and, as a result, all of the assets stand behind all of the liabilities.

The risks of participating in these multiemployer plans are different from single-employer plans in the following aspects:

Assets contributed to the multiemployer plan by one employer may be used to provide benefits to employees of other participating employers.

If a participating employer stops contributing to the plan, the unfunded obligations of the plan may be borne by the remaining participating employers.

If the Company chooses to stop participating in the multiemployer plan, the Company may be required to pay the plan an amount based on the underfunded status of the plan, referred to as a withdrawal liability. There was no expense to the Company in 2018 and 2017 for this Pentegra Plan. The Company intends on terminating this Pentegra Plan during 2019 and has recorded a \$3.2 million withdrawal liability for the termination of the Pentegra Plan.

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Note 18 Income Tax

	December 31 2018	December 31 2017	December 31 2016
Income tax expense			
Currently payable			
Federal	\$ 9,166	\$ 12,079	\$ 7,467
Deferred			
Federal	1,277	331	1,334
Revaluation of deferred tax assets		2,426	
Total income tax expense	\$ 10,443	\$ 14,836	\$ 8,801
Reconciliation of federal statutory to actual tax expense			
Federal statutory income tax at 21% in 2018 and 35% in 2017 and 2016	\$ 13,348	\$ 16,783	\$ 11,450
Tax exempt interest	(1,982)	(2,699)	(1,882)
Tax exempt income	(448)	(638)	(575)
Stock compensation	(384)	(546)	
Revaluation of deferred tax assets		2,426	
Other tax exempt income	(260)	(456)	(608)
Nondeductible and other	169	(34)	416
Actual tax expense	\$ 10,443	\$ 14,836	\$ 8,801

	December 31 2018	December 31 2017
Assets		
Allowance for loan losses	\$ 3,831	\$ 3,396
Net operating loss and tax credits (from acquisitions)	1,038	1,658
Director and employee benefits	2,392	2,276
Unrealized loss on AFS securities and fair value hedge	2,165	1,147
Accrued pension	801	852

Fair value adjustment on acquisitions		1,087
Other	670	1,083
Total assets	10,897	11,499
Liabilities		
Depreciation	(1,850)	(1,680)
State tax	(137)	(210)
Federal Home Loan Bank stock dividends	(330)	(339)
Difference in basis of intangible assets	(2,919)	(2,831)
Fair value adjustment on acquisitions	(62)	
Other	(119)	(125)
Total liabilities	(5,417)	(5,185)
Valuation allowance	(1,038)	(1,613)
Net deferred tax asset	\$ 4,442	\$ 4,701

The Tax Cuts and Jobs Act (the Act) was enacted in December 2017. The Act reduced the U.S. federal corporate tax rate from 35 percent to 21 percent. As a result, federal deferred taxes were revalued as of December 31, 2017 to the effective rate of 21%.

As of December 31, 2018, the Company had approximately \$13.9 million and \$157,000 of state tax loss and state tax credit carryforwards, respectively, available to offset future franchise taxable income. The state loss carryforward begins to expire in 2031. Due to these losses being incurred by acquired institutions, prior to the acquisitions

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by Horizon, the annual losses which can be used are subject to an annual limitation. Management believes that the Company will be able to utilize the benefits recorded for the state loss carryforwards within the allotted time periods, except for the amount represented by the valuation allowance. The valuation allowance has been recorded for the possible inability to use a portion of the state net operating loss carryover.

Retained earnings of the Bank include approximately \$12.8 million for which no deferred income tax liability has been recognized. This amount represents an allocation of previously acquired institutions income to bad debt deductions as of December 31, 1987 for tax purposes only. Reductions of amounts so allocated for purposes other than tax bad debt losses including redemption of bank stock or excess dividends, or loss of bank status would create income for tax purposes only, which would be subject to the then-current corporate income tax rate. The unrecorded deferred income tax liability on the above amount for the Company was approximately \$2.7 million at December 31, 2018.

The Company files income tax returns in the U.S. federal jurisdiction. With a few exceptions, the Company is no longer subject to U.S. federal, state and local or non-U.S. income tax examinations by tax authorities for years before 2015.

Note 19 Accumulated Other Comprehensive Loss

The components of accumulated other comprehensive loss included in capital are as follows:

	December 31 2018	December 31 2017
Unrealized loss on securities available for sale	\$ (8,561)	\$ (3,937)
Unamortized gain on securities held to maturity, previously transferred from AFS	10	200
Unrealized loss on derivative instruments	(1,760)	(1,728)
Tax effect	2,167	1,914
Total accumulated other comprehensive loss	\$ (8,144)	\$ (3,551)

Note 20 Commitments, Off-Balance Sheet Risk and Contingencies

Because of the nature of its activities, Horizon is subject to claims and lawsuits that arise primarily in the ordinary course of business. It is the opinion of management that the disposition or ultimate resolution of such claims and lawsuits will not have a material adverse effect on the consolidated financial position, results of operations and cash flows of the Company.

The Bank was not required to have any cash on deposit with the Federal Reserve Bank to meet regulatory reserve and clearing balance requirements at December 31, 2018. These balances would be included in cash and cash equivalents and would not earn interest.

The Bank is a party to financial instruments with off-balance sheet risk in the ordinary course of business to meet financing needs of its customers. These financial instruments include commitments to make loans and standby letters of credit. The Bank's exposure to credit loss in the event of nonperformance by the other party to the financial instrument for commitments to make loans and standby letters of credit is represented by the contractual amount of those instruments. The Bank follows the same credit policy to make such commitments as is followed for those loans recorded in the financial statements.

At December 31, 2018 and 2017, commitments to make loans amounted to approximately \$873.8 million and \$802.9 million and commitments under outstanding standby letters of credit amounted to approximately \$4.8 million and \$3.4 million. Since many commitments to make loans and standby letters of credit expire without being used, the amount does not necessarily represent future cash advances. No losses are anticipated as a result of these transactions. Collateral obtained upon exercise of the commitment is determined using management's credit evaluation.

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Note 21 Regulatory Capital

Horizon and the Bank are subject to various regulatory capital requirements administered by the federal banking agencies and are assigned to a capital category. Failure to meet the minimum regulatory capital requirements can initiate certain mandatory and possible additional discretionary actions by regulators, which if undertaken, could have a direct material effect on the Company's financial statements. Under capital adequacy guidelines and the regulatory framework for prompt corrective actions, the Company and Bank must meet specific capital guidelines involving quantitative measures of the Bank's assets, liabilities, and certain off-balance-sheet items as calculated under regulatory accounting practices. The Company's and Bank's capital amounts and classification are also subject to qualitative judgments by the regulators about components, risk weightings and other factors.

Quantitative measures established by regulation to ensure capital adequacy require the Company and the Bank to maintain minimum amounts and ratios of total and Tier I capital (as defined in the regulations) to risk-weighted assets (as defined), and of Tier I capital (as defined) to average assets (as defined), or leverage ratio. For December 31, 2018 and 2017, Basel III rules require the Company and Bank to maintain minimum amounts and ratios of common equity Tier I capital (as defined in the regulation) to risk-weighted assets (as defined). Additionally, under Basel III rules, the decision was made to opt-out of including accumulated other comprehensive income in regulatory capital.

To be categorized as well capitalized, the Company and Bank must maintain minimum Total risk-based, Tier I risk-based, common equity Tier I risk-based and Tier I leverage ratios as set forth in the table below. As of December 31, 2018 and December 31, 2017, the Company and Bank met all capital adequacy requirements to be considered well capitalized. There have been no conditions or events since the year ending December 31, 2018 that management believes have changed the Bank's classification as well capitalized. There is no threshold for well-capitalized status for bank holding companies. Horizon and the Bank's actual and required capital ratios as of December 31, 2018 and 2017 were as follows:

	Actual		Required for Capital ¹ Adequacy Purposes		Required For Capital ¹ Adequacy Purposes with Capital Buffer		Well Capitalized Under Prompt ¹ Corrective Action Provisions	
	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
December 31, 2018								
Total capital ¹ (to risk-weighted assets)								
Consolidated	\$ 427,616	13.39%	\$ 255,419	8.00%	\$ 315,283	9.875%	N/A	N/A
Bank	396,755	12.43%	255,419	8.00%	315,283	9.875%	\$ 319,274	10.00%

Tier 1 capital ¹ (to risk-weighted assets)								
Consolidated	409,760	12.83%	191,565	6.00%	251,429	7.875%	N/A	N/A
Bank	378,899	11.87%	191,565	6.00%	251,429	7.875%	255,420	8.00%
Common equity tier 1 capital ¹ (to risk-weighted assets)								
Consolidated	371,297	11.63%	143,673	4.50%	203,537	6.375%	N/A	N/A
Bank	378,899	11.87%	143,674	4.50%	203,537	6.375%	207,528	6.50%
Tier 1 capital ¹ (to average assets)								
Consolidated	409,760	10.12%	162,033	4.00%	162,033	4.000%	N/A	N/A
Bank	378,899	9.34%	162,327	4.00%	162,327	4.000%	202,908	5.00%
December 31, 2017								
Total capital ¹ (to risk-weighted assets)								
Consolidated	\$ 384,800	12.91%	\$ 238,543	8.00%	\$ 275,816	9.25%	N/A	N/A
Bank	382,788	12.85%	238,386	8.00%	275,634	9.25%	\$ 297,982	10.00%
Tier 1 capital ¹ (to risk-weighted assets)								
Consolidated	368,355	12.35%	178,907	6.00%	216,180	7.25%	N/A	N/A
Bank	366,343	12.29%	178,790	6.00%	216,038	7.25%	238,386	8.00%
Common equity tier 1 capital ¹ (to risk-weighted assets)								
Consolidated	329,892	11.06%	134,181	4.50%	171,454	5.75%	N/A	N/A
Bank	366,343	12.29%	134,092	4.50%	171,340	5.75%	193,689	6.50%
Tier 1 capital ¹ (to average assets)								
Consolidated	368,355	9.92%	148,503	4.00%	148,503	4.00%	N/A	N/A
Bank	366,343	9.89%	148,116	4.00%	148,116	4.00%	185,145	5.00%

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The above minimum capital requirements exclude the capital conservation buffer required to avoid limitations on capital distributions, including dividend payments and certain discretionary bonus payments to executive officers. The capital conservation buffer is being phased in from 0.0% for 2015 to 2.50% by 2019. The capital conservation buffer was 1.875% at December 31, 2018. The net unrealized gain or loss on available for sale securities is not included in computing regulatory capital.

Note 22 Share-Based Compensation

On January 21, 2003, the Board of Directors adopted the Horizon Bancorp 2003 Omnibus Equity Incentive Plan (2003 Plan), which was approved by stockholders on May 8, 2003. Under the 2003 Plan, Horizon could issue up to 759,375 common shares, plus the number of shares that are tendered to or withheld by Horizon in connection with the exercise of options plus that number of shares that are purchased by Horizon with the cash proceeds received upon option exercises. The 2003 Plan limited the number of shares available to 759,375 for incentive stock options and to 379,687 for the grant of non-option awards. The shares available for issuance under the 2003 Plan could be divided among the various types of awards and among the participants as the Compensation Committee (Committee) determined. The Committee was authorized to grant any type of award to a participant that was consistent with the provisions of the 2003 Plan. Awards could consist of incentive stock options, nonqualified stock options, stock appreciation rights, restricted stock, performance units, performance shares or any combination of these awards. The Committee determined the provisions, terms and conditions of each award. The restricted shares vest over a period of time established by the Committee at the time of each grant. Holders of restricted shares receive dividends and may vote the shares. The restricted shares are recorded at fair market value (on the date granted) as a separate component of stockholders' equity. The cost of these shares is being amortized against earnings using the straight-line method over the vesting period. The options shares granted under the 2003 Plan vest at a rate designated per the individual agreements. The restricted shares granted under the 2003 Plan vest at the end of each grant's vesting period. On March 8, 2010, the Board of Directors adopted, and on May 6, 2010, the stockholders approved, an amendment to the 2003 Plan making an additional 885,937 common shares available for issuance. All share data has been adjusted for the 3:2 stock split on June 15, 2018 (and for four additional stock splits in 2003, 2011, 2012 and 2016 after the 2003 Plan was adopted).

A summary of option activity under the 2003 Plan as of December 31, 2018, and changes during the year then ended, is presented below:

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding, beginning of year	41,175	\$ 4.91		

Exercised	(19,875)	4.80		
Outstanding, end of year	21,300	5.03	1.77	\$ 229,004
Exercisable, end of year	21,300	5.03	1.77	229,004

On June 18, 2013, the Board of Directors adopted the Horizon Bancorp 2013 Omnibus Equity Incentive Plan (2013 Plan), which was approved by the Company's shareholders on May 8, 2014. Under the 2013 Plan, Horizon may issue up to 1,556,325 common shares, plus the number of shares that are tendered to or withheld by Horizon in connection with the exercise of options plus that number of shares that are purchased by Horizon with the cash proceeds received upon option exercises. The 2013 Plan limits the number of shares available to 225,000 for incentive stock options and to 900,000 for the grant of non-option awards. The shares available for issuance under the 2013 Plan may be divided among the various types of awards and among the participants as the Committee determines. The Committee is authorized to grant any type of award to a participant that is consistent with the provisions of the 2013 Plan. Awards may consist of incentive stock options, nonqualified stock options, stock appreciation rights, restricted stock, performance units, performance shares or any combination of these awards. The Committee determines the provisions, terms and conditions of each award. All share data has been adjusted for the 3:2 stock split on June 15, 2018 and November 14, 2016.

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The restricted shares can vest over a period of time established by the Committee at the time of each grant, but the restricted shares already granted under the 2013 Plan generally vest at the end of each grant's vesting period. Holders of restricted shares receive dividends and may vote the shares. The restricted shares are recorded at fair market value (on the date granted) as a separate component of stockholders' equity. The cost of these shares is being amortized against earnings using the straight-line method over the vesting period.

The performance shares that are awarded become earned and vested based on the achievement of certain performance goals during a performance period as established by the Committee at the time of each grant. The performance goals are based on a comparison of the Company's average performance over the performance period for the return on common equity, compounded annual growth rate of total assets, and return on average assets, all as relative to the average performance for publicly traded banks with total assets between \$1 billion and \$5 billion on the SNL Bank Index. Holders of performance share awards receive pass-through dividends but do not have any voting rights before the performance shares are earned and vested.

The options shares granted under the 2013 Plan vest at a rate designated per the individual agreements.

The fair value of options granted is estimated on the date of the grant using an option-pricing model with the following weighted-average assumptions:

	Years Ended December 31		
	2018	2017	2016
Dividend yields	1.99%	1.75%	2.34%
Volatility factors of expected market price of common stock	28.60%	28.52%	28.60%
Risk-free interest rates	2.85%	2.42%	1.83%
Expected life of options	8 years	8 years	8 years

A summary of option activity under the 2013 Plan as of December 31, 2018, and changes during the year then ended, is presented below:

	Shares	Weighted-Average Exercise Price	Weighted-Average Remaining Contractual Term	Aggregate Intrinsic Value
Outstanding, beginning of year	323,666	\$ 11.50		
Granted	31,122	19.31		

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Exercised	(36,221)	10.34		
Forfeited	(11,250)	15.60		
Outstanding, end of year	307,317	12.28	6.89	\$ 1,077,096
Exercisable, end of year	191,410	10.67	6.19	977,748

The weighted average grant-date fair value of options granted during the years 2018, 2017 and 2016 was \$5.54, \$4.83 and \$2.59.

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A summary of the status of Horizon's non-vested restricted and performance shares as of December 31, 2018 are presented below:

	Shares	Weighted Average Grant Date Fair Value
Non-vested, beginning of year	144,791	\$ 13.32
Vested	(43,519)	10.59
Granted	75,266	20.13
Non-vested, end of year	176,538	16.90

Grants vest at the end of three, four or five years of continuous employment.

Total compensation cost recognized in the income statement for option-based payment arrangements during 2018 was \$251,000 and the related tax benefit recognized was approximately \$53,000. Total compensation cost recognized in the income statement for option-based payment arrangements during 2017 and 2016 was \$325,000 and \$324,000 and the related tax benefit recognized was \$114,000 and \$113,000, respectively.

Total compensation cost recognized in the income statement for restricted share and performance share based payment arrangements during 2018, 2017 and 2016 was \$376,000, \$135,000, and \$284,000. The recognized tax benefit related thereto was approximately \$79,000, \$47,000, and \$99,000 for the years ended December 31, 2018, 2017 and 2016.

Cash received from option exercise under all share-based payment arrangements for the years ended December 31, 2018, 2017 and 2016 was \$493,000, \$1.6 million, and \$214,000. The actual tax benefit realized for the tax deductions from option exercise of the share-based payment arrangements totaled \$213,000, \$522,000, and \$158,000, for the years ended December 31, 2018, 2017 and 2016.

As of December 31, 2018, there was \$1.5 million of total unrecognized compensation cost related to all non-vested share-based compensation arrangements granted under all of the plans. That cost is expected to be recognized over a weighted-average period of 1.5 years. Under all plans, forfeitures of share-based compensation grants are recognized as they occur.

On December 19, 2017, the Board of Directors proposed adoption of the Amended and Restated 2013 Omnibus Equity Incentive Plan, primarily to allow awards of Other Stock Based Awards, which includes awards valued in whole or in part by reference to Horizon's common shares. The Amended and Restated 2013 Omnibus Equity Incentive Plan was approved by the shareholders at the Annual Meeting held on May 3, 2018.

Note 23 Derivative Financial Instruments

Cash Flow Hedges

As a strategy to maintain acceptable levels of exposure to the risk of changes in future cash flow due to interest rate fluctuations, the Company entered into interest rate swap agreements for a portion of its floating rate debt. The agreements provide for the Company to receive interest from the counterparty at three month LIBOR and to pay interest to the counterparty at a weighted average fixed rate of 3.76% on a notional amount of \$30.5 million at December 31, 2018 and 2017. Under the agreements, the Company pays or receives the net interest amount monthly, with the monthly settlements included in interest expense.

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The Company assumed additional interest rate swap agreements as the result of the LaPorte acquisition in July 2016. The agreements provide for the Company to receive interest from the counterparty at one month LIBOR and to pay interest to the counterparty at a weighted average fixed rate of 2.31% on a notional amount of \$30.0 million at December 31, 2018 and 2017. Under the agreements, the Company pays or receives the net interest amount monthly, with the monthly settlements included in interest expense.

On July 20, 2018, the Company entered into an interest rate swap agreement for an additional portion of its floating rate debt. The agreement provides for the Company to receive interest from the counterparty at one month LIBOR and to pay interest to the counter party at a rate of 2.81% on a notional amount of \$50.0 million at December 31, 2018. Under the agreement, the Company pays or receives the net interest amount monthly, with the monthly settlements included in interest expense.

Management has designated the interest rate swap agreements as cash flow hedging instruments. For derivative instruments that are designated and qualify as a cash flow hedge, the effective portion of the gain or loss on the derivative is reported as a component of other comprehensive income and reclassified into earnings in the same period or periods during which the hedged transaction affects earnings. Gains and losses on the derivative representing either hedge ineffectiveness or hedge components excluded from the assessment of effectiveness are recognized in current earnings. At December 31, 2018, the Company's cash flow hedge was effective and is not expected to have a significant impact on the Company's net income over the next 12 months.

Fair Value Hedges

Fair value hedges are intended to reduce the interest rate risk associated with the underlying hedged item. The Company enters into fixed rate loan agreements as part of its lending policy. To mitigate the risk of changes in fair value based on fluctuations in interest rates, the Company has entered into interest rate swap agreements on individual loans, converting the fixed rate loans to a variable rate. For derivative instruments that are designated and qualify as a fair value hedge, the gain or loss on the derivative as well as the offsetting gain or loss on the hedged item attributable to the hedged risk are recognized in current earnings. At December 31, 2018, the Company's fair value hedges were effective and are not expected to have a significant impact on the Company's net income over the next 12 months.

The change in fair value of both the hedge instruments and the underlying loan agreements are recorded as gains or losses in interest income. The fair value hedges are considered to be highly effective and any hedge ineffectiveness was deemed not material. The notional amounts of the loan agreements being hedged were \$209.2 million at December 31, 2018 and \$154.6 million at December 31, 2017.

Other Derivative Instruments

The Company enters into non-hedging derivatives in the form of mortgage loan forward sale commitments with investors and commitments to originate mortgage loans as part of its mortgage banking business. At December 31, 2018, the Company's fair values of these derivatives were recorded and over the next 12 months are not expected to

have a significant impact on the Company's net income.

The change in fair value of both the forward sale commitments and commitments to originate mortgage loans were recorded and the net gains or losses included in the Company's gain on sale of loans.

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The following tables summarize the fair value of derivative financial instruments utilized by Horizon:

	Asset Derivatives December 31, 2018		Liability Derivatives December 31, 2018	
	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value
Derivatives designated as hedging instruments				
Interest rate contracts	Loans	\$	Loans	\$ 42
Interest rate contracts	Other Assets	42	Other liabilities	1,760
Total derivatives designated as hedging instruments		42		1,802
Derivatives not designated as hedging instruments				
Mortgage loan contracts	Other assets	135	Other liabilities	
Total derivatives not designated as hedging instruments		135		
Total derivatives		\$ 177		\$ 1,802

	Asset Derivatives December 31, 2017		Liability Derivatives December 31, 2017	
	Balance Sheet Location	Fair Value	Balance Sheet Location	Fair Value
Derivatives designated as hedging instruments				
Interest rate contracts	Loans	\$	Loans	\$ 811
Interest rate contracts	Other Assets	811	Other liabilities	1,728
Total derivatives designated as hedging instruments		811		2,539
Derivatives not designated as hedging instruments				

Mortgage loan contracts	Other assets	143	Other liabilities	3
Total derivatives not designated as hedging instruments		143		3
Total derivatives		\$ 954		\$ 2,542

The effect of the derivative instruments on the consolidated statement of income for the 12-month periods ended December 31 is as follows:

**Amount of (Gain) Loss
Recognized in Other
Comprehensive Income on
Derivative (Effective Portion)**

**(Effective Portion)
Years Ended December 31
2018 2017 2016**

Derivatives in cash flow hedging relationship

Interest rate contracts	\$ (25)	\$ 913	\$ 6
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FASB ASC 820-10-20 defines fair value as the 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. ASC 820-10-55 establishes a fair value hierarchy that emphasizes the use of observable inputs and minimizes the use of unobservable inputs when measuring fair value.

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	Location of gain (loss) recognized on derivative	Amount of Gain (Loss) Recognized on Derivative Years Ended December 31		
		2018	2017	2016
Derivative in fair value hedging relationship				
Interest rate contracts	Interest income - loans	\$ (852)	\$ (817)	\$ (1,776)
Interest rate contracts	Interest income - loans	852	817	1,776
Total		\$	\$	\$

	Location of gain (loss) recognized on derivative	Amount of Gain (Loss) Recognized on Derivative Years Ended December 31		
		2018	2017	2016
Derivative not designated as hedging relationship				
Mortgage contracts	Other income - gain on sale of loans	\$ (5)	\$ (439)	\$ (62)

Note 24 Disclosures about fair value of assets and liabilities

The Fair Value Measurements topic of the FASB ASC defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements. There are three levels of inputs that may be used to measure fair value:

Level 1 Quoted prices in active markets for identical assets or liabilities

Level 2 Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities

Level 3 Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities

Following is a description of the valuation methodologies used for instruments measured at fair value on a recurring basis and recognized in the accompanying consolidated financial statements, as well as the general classification of such instruments pursuant to the valuation hierarchy. There have been no significant changes in the valuation techniques during the period ended December 31, 2018.

Available for sale securities

When quoted market prices are available in an active market, securities are classified within Level 1 of the valuation hierarchy. If quoted market prices are not available, then fair values are estimated by using pricing models, quoted prices of securities with similar characteristics or discounted cash flows. Level 2 securities include U.S. Treasury and federal agency securities, state and municipal securities, federal agency mortgage obligations and mortgage-backed pools, private-label mortgage-backed pools and corporate notes. Level 2 securities are valued by a third party pricing service commonly used in the banking industry utilizing observable inputs. Observable inputs include dealer quotes, market spreads, cash flow analysis, the U.S. Treasury yield curve, trade execution data, market consensus prepayment spreads and available credit information and the bond's terms and conditions. The pricing provider utilizes evaluated pricing models that vary based on asset class. These models incorporate available market information including quoted prices of securities with similar characteristics and, because many fixed-income securities do not trade on a daily basis, apply available information through processes such as benchmark curves, benchmarking of like securities, sector grouping, and matrix pricing. In addition, model processes, such as an option adjusted spread model is used to develop prepayment and interest rate scenarios for securities with prepayment features.

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Hedged loans

Certain fixed rate loans have been converted to variable rate loans by entering into interest rate swap agreements. The fair value of those fixed rate loans is based on discounting the estimated cash flows using interest rates determined by the respective interest rate swap agreement. Loans are classified within Level 2 of the valuation hierarchy based on the unobservable inputs used.

Interest rate swap agreements

The fair value of the Company's interest rate swap agreements is estimated by a third party using inputs that are primarily unobservable including a yield curve, adjusted for liquidity and credit risk, contracted terms and discounted cash flow analysis, and therefore, are classified within Level 2 of the valuation hierarchy.

The following table presents the fair value measurements of assets and liabilities recognized in the accompanying financial statements measured at fair value on a recurring basis and the level within the FASB ASC fair value hierarchy in which the fair value measurements fall at the following:

	Fair Value	December 31, 2018		
		Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Available for sale securities				
U.S. Treasury and federal agencies	\$ 16,608	\$	\$ 16,608	\$
State and municipal	209,303		209,303	
Federal agency collateralized mortgage obligations	185,003		185,003	
Federal agency mortgage-backed pools	178,736		178,736	
Corporate notes	10,698		10,698	
Total available for sale securities	600,348		600,348	
Hedged loans	209,161		209,161	
Forward sale commitments	135		135	
Interest rate swap agreements	(1,801)		(1,801)	
Commitments to originate loans				

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	December 31, 2017			
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
Available for sale securities				
U.S. Treasury and federal agencies	\$ 19,052	\$	\$ 19,052	\$
State and municipal	149,564		149,564	
Federal agency collateralized mortgage obligations	130,365		130,365	
Federal agency mortgage-backed pools	208,657		208,657	
Private labeled mortgage-backed pools	1,642		1,642	
Corporate notes	385		385	
Total available for sale securities	509,665		509,665	
Hedged loans	154,575		154,575	
Forward sale commitments	143		143	
Interest rate swap agreements	(917)		(917)	
Commitments to originate loans	(3)		(3)	

Realized gains and losses included in net income for the periods are reported in the consolidated statements of income as follows:

	Years Ended December 31		
	2018	2017	2016
Non-interest Income			
Total gains and losses from:			
Hedged loans	\$ (852)	\$ (817)	\$ (1,776)
Fair value interest rate swap agreements	852	817	1,776
Derivative loan commitments	(5)	(439)	(62)
	\$ (5)	\$ (439)	\$ (62)

Certain other assets are measured at fair value on a nonrecurring basis in the ordinary course of business and are subject to fair value adjustments in certain circumstances (for example, when there is evidence of impairment):

	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Significant Other Observable Inputs (Level 2)	Significant Unobservable Inputs (Level 3)
December 31, 2018				
Impaired loans	\$ 5,661	\$	\$	\$ 5,661
Mortgage servicing rights	12,349			12,349
December 31, 2017				
Impaired loans	\$ 6,957	\$	\$	\$ 6,957
Mortgage servicing rights	11,602			11,602

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Impaired (collateral dependent): Loans for which it is probable that the Company will not collect all principal and interest due according to contractual terms are measured for impairment. Allowable methods for determining the amount of impairment include estimating fair value using the fair value of the collateral for collateral-dependent loans.

If the impaired loan is identified as collateral dependent, then the fair value method of measuring the amount of impairment is utilized. This method requires obtaining a current independent appraisal of the collateral and applying a discount factor to the value.

Impaired loans that are collateral dependent are classified within Level 3 of the fair value hierarchy when impairment is determined using the fair value method.

Mortgage Servicing Rights (MSRs): MSRs do not trade in an active market with readily observable prices. Accordingly, the fair value of these assets is classified as Level 3. The Company determines the fair value of MSRs using an income approach model based upon the Company's month-end interest rate curve and prepayment assumptions. The model utilizes assumptions to estimate future net servicing income cash flows, including estimates of time decay, payoffs and changes in valuation inputs and assumptions. The Company reviews the valuation assumptions against this market data for reasonableness and adjusts the assumptions if deemed appropriate. The carrying amount of the MSRs were reduced by \$527,000 in 2018 and \$587,000 in 2017 for the fair value.

The following table presents qualitative information about unobservable inputs used in recurring and nonrecurring Level 3 fair value measurements, other than goodwill, at December 31, 2018 and 2017.

	Fair Value	Valuation Technique	December 31, 2018 Unobservable Inputs	Range (Weighted Average)
Impaired loans		Collateral based measurement	Discount to reflect current market conditions and ultimate collectability	0%-100% (15.5%)
	\$ 5,661			
Mortgage servicing rights		Discounted cash flows	Discount rate, Constant prepayment rate, Probability of default	10.2%-11.0% (10.3%), 9.1%-21.9% (9.3%), 0.1%-2.8% (0.6%)
	12,349			

December 31, 2017

	Fair Value	Valuation Technique	Unobservable Inputs	Range (Weighted Average)
Impaired loans		Collateral based measurement	Discount to reflect current market conditions and ultimate collectability	0%-46.8% (2.6%)
	\$ 6,957			
Mortgage servicing rights		Discounted cash flows	Discount rate, Constant prepayment rate, Probability of default	9.6%-10.8% (9.7%), 9.2%-27.7% (10.5%), 0%-1.5% (0.2%)
	11,602			

Note 25 Fair Value of Financial Instruments

The estimated fair value amounts of the Company's financial instruments were determined using available market information, current pricing information applicable to Horizon and various valuation methodologies. Where market quotations were not available, considerable management judgment was involved in the determination of estimated fair values. Therefore, the estimated fair value of financial instruments shown below may not be representative of the amounts at which they could be exchanged in a current or future transaction. Due to the inherent uncertainties of expected cash flows of financial instruments, the use of alternate valuation assumptions and methods could have a significant effect on the estimated fair value amounts.

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The estimated fair values of financial instruments, as shown below, are not intended to reflect the estimated liquidation or market value of Horizon taken as a whole. The disclosed fair value estimates are limited to Horizon's significant financial instruments at December 31, 2018 and December 31, 2017. These include financial instruments recognized as assets and liabilities on the consolidated balance sheet as well as certain off-balance sheet financial instruments. The estimated fair values shown below do not include any valuation of assets and liabilities which are not financial instruments as defined by the FASB ASC fair value hierarchy.

The following methods and assumptions were used to estimate the fair value of each class of financial instrument:

Cash and Due from Banks The carrying amounts approximate fair value.

Held-to-Maturity Securities For debt securities held to maturity, fair values are based on quoted market prices or dealer quotes. For those securities where a quoted market price is not available, carrying amount is a reasonable estimate of fair value based upon comparison with similar securities.

Loans Held for Sale The carrying amounts approximate fair value.

Net Loans At December 31, 2018, the fair value of net loans are estimated on an exit price basis incorporating discounts for credit, liquidity and marketability factors. This is not comparable with the fair values disclosed at December 31, 2017, which were based on an entrance price basis. At December 31, 2017, the fair value of portfolio loans were estimated by discounting the future cash flows using the current rates at which similar loans would be made to borrowers with similar credit ratings and for the same remaining maturities.

FHLB Stock Fair value of FHLB stock is based on the price at which it may be resold to the FHLB

Interest Receivable/Payable The carrying amounts approximate fair value.

Deposits The fair value of demand deposits, savings accounts, interest-bearing checking accounts and money market deposits is the amount payable on demand at the reporting date. The fair value of fixed maturity certificates of deposit is estimated by discounting the future cash flows using rates currently offered for deposits of similar remaining maturity.

Borrowings Rates currently available to Horizon for debt with similar terms and remaining maturities are used to estimate fair values of existing borrowings.

Subordinated Debentures Rates currently available for debentures with similar terms and remaining maturities are used to estimate fair values of existing debentures.

Commitments to Extend Credit and Standby Letters of Credit The fair value of commitments is estimated using the fees currently charged to enter into similar agreements, taking into account the remaining terms of the agreements

and the present creditworthiness of the counterparties. For fixed-rate loan commitments, fair value also considers the difference between current levels of interest rates and the committed rates. The fair value of letters of credit is based on fees currently charged for similar agreements or on the estimated cost to terminate them or otherwise settle the obligations with the counterparties at the reporting date. Due to the short-term nature of these agreements, carrying amounts approximate fair value.

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Notes to Consolidated Financial Statements**

(Table dollars in thousands except for per share data)

The following table presents estimated fair values of the Company's financial instruments and the level within the fair value hierarchy in which the fair value measurements fall.

	December 31, 2018			
	Carrying Amount	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	\$ 58,492	\$ 58,492	\$	\$
Interest-earning time deposits	15,744		15,542	
Investment securities, held to maturity	210,112		208,273	
Loans held for sale	1,038			1,038
Loans (excluding loan level hedges), net	2,786,351			2,681,741
Stock in FHLB	18,073		18,073	
Interest receivable	14,239		14,239	
Liabilities				
Non-interest bearing deposits	\$ 642,129	\$ 642,129	\$	\$
Interest bearing deposits	2,497,247		2,377,274	
Borrowings	550,384		542,311	
Subordinated debentures	37,837		35,711	
Interest payable	2,031		2,031	

	December 31, 2017			
	Carrying Amount	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	\$ 76,441	\$ 76,441	\$	\$
Interest-earning time deposits	16,461		16,632	

Investment securities, held to maturity	200,448		201,085	
Loans held for sale	3,094			3,094
Loans (excluding loan level hedges), net	2,664,211			2,589,064
Stock in FHLB	18,105		18,105	
Interest receivable	13,059		13,059	
Liabilities				
Non-interest bearing deposits	\$ 601,805	\$ 601,805	\$	\$
Interest bearing deposits	2,279,198		2,156,487	
Borrowings	564,157		560,057	
Subordinated debentures	37,653		35,994	
Interest payable	886		886	

Note 26 General Litigation

The Company is subject to claims and lawsuits that arise primarily in the ordinary course of business. It is the opinion of management that the disposition or ultimate resolution of such claims and lawsuits will not have a material adverse effect on the consolidated financial position, results of operations and cash flows of the Company.

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Notes to Consolidated Financial Statements**

(Table dollars in thousands except for per share data)

Note 27 Condensed Financial Information (Parent Company Only)

Presented below is condensed financial information as to financial position, results of operations and cash flows of Horizon Bancorp, Inc.:

Condensed Balance Sheets

	December 31 2018	December 31 2017
Assets		
Total cash and cash equivalents	\$ 30,653	\$ 13,361
Investment in subsidiaries	502,844	497,623
Other assets	1,186	1,318
Total assets	\$ 534,683	\$ 512,302
Liabilities		
Borrowings	\$	\$ 12,500
Subordinated debentures	37,837	37,653
Other liabilities	4,854	5,071
Stockholders Equity	491,992	457,078
Total liabilities and stockholders equity	\$ 534,683	\$ 512,302

Condensed Statements of Income

	Years Ended December 31		
	2018	2017	2016
Operating Income (Expense)			
Dividend income from subsidiaries	\$ 46,950	\$ 27,000	\$ 20,000
Investment income			33
Other income		540	42
Interest expense	(2,475)	(2,791)	(2,376)
Employee benefit expense	(1,423)	(1,094)	(1,158)
Other expense	(357)	(326)	1,279

Income Before Undistributed Income of Subsidiaries	42,695	23,329	17,820
Undistributed Income of Subsidiaries	9,643	8,804	5,938
Income Before Tax	52,338	32,133	23,758
Income Tax Benefit	779	984	154
Net Income	53,117	33,117	23,912
Preferred stock dividend			(42)
Net Income Available to Common Shareholders	\$ 53,117	\$ 33,117	\$ 23,870

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Notes to Consolidated Financial Statements**

(Table dollars in thousands except for per share data)

Condensed Statements of Comprehensive Income

	Years Ended December 31		
	2018	2017	2016
Net Income	\$ 53,117	\$ 33,117	\$ 23,912
Other Comprehensive Income (Loss)			
Change in fair value of derivative instruments, net of taxes	(25)	913	6
Unrealized appreciation for the period on held to maturity securities, net of taxes	(150)	(166)	(424)
Unrealized appreciation (depreciation) on available for sale securities, net of taxes	(4,003)	1,371	(3,310)
Less: reclassification adjustment for realized (gains) losses included in net income, net of taxes	351	(25)	(1,193)
	(3,827)	2,093	(4,921)
Comprehensive Income	\$ 49,290	\$ 35,210	\$ 18,991

Condensed Statements of Cash Flows

	Years Ended December 31		
	2018	2017	2016
Operating Activities			
Net income	\$ 53,117	\$ 33,117	\$ 23,912
Items not requiring (providing) cash			
Equity in undistributed net income of subsidiaries	(9,643)	(8,804)	(5,938)
Change in:			
Share based compensation	251	325	284
Amortization of unearned compensation	169	135	324
Other assets	132	388	888
Other liabilities	378	(1,675)	(244)
Net cash provided by operating activities	44,404	23,486	19,226
Investing Activities			
Acquisition of Kosciusko			(6,741)
Acquisition of LaPorte			(17,108)

Acquisition of CNB			(5,296)
Acquisition of Lafayette		(1,254)	
Acquisition of Wolverine		(7,688)	
Net cash used in investing activities		(8,942)	(29,145)
Financing Activities			
Redemption of preferred stock			(12,500)
Net change in borrowings	(12,316)	(6,803)	19,500
Dividends paid on preferred shares			(42)
Dividends paid on common shares	(15,418)	(11,720)	(8,382)
Proceeds from issuance of stock	622	1,604	572
Net cash used in financing activities	(27,112)	(16,919)	(852)
Net Change in Cash and Cash Equivalents	17,292	(2,375)	(10,771)
Cash and Cash Equivalents at Beginning of Year	13,361	15,736	26,507
Cash and Cash Equivalents at End of Year	\$ 30,653	\$ 13,361	\$ 15,736

Table of Contents**HORIZON BANCORP, INC. AND SUBSIDIARIES****Notes to Consolidated Financial Statements**

(Table dollars in thousands except for per share data)

Note 28 Quarterly Results of Operations (Unaudited)

The following is a summary of the quarterly consolidated results of operations:

	Three Months Ended			
	March 31	June 30	September 30	December 31
	2018	2018	2018	2018
Interest income	\$ 39,426	\$ 40,741	\$ 42,271	\$ 43,730
Interest expense	6,015	7,191	8,499	9,894
Net interest income	33,411	33,550	33,772	33,836
Provision for loan losses	567	635	1,176	528
Gain (loss) on sale of securities	11		(122)	(332)
Net income	\$ 12,804	\$ 14,115	\$ 13,065	\$ 13,133
Earnings per share:				
Basic	\$ 0.33	\$ 0.37	\$ 0.34	\$ 0.35
Diluted	0.33	0.37	0.34	0.34
Average shares outstanding:				
Basic	38,306,395	38,347,612	38,365,379	38,367,972
Diluted	38,468,810	38,519,401	38,534,970	38,488,861

	Three Months Ended			
	March 31	June 30	September 30	December 31
	2017	2017	2017	2017
Interest income	\$ 28,834	\$ 30,805	\$ 32,070	\$ 36,774
Interest expense	3,266	3,607	4,191	5,319
Net interest income	25,568	27,198	27,879	31,455
Provision for loan losses	330	330	710	1,100
Gain on sale of securities	35	(3)	6	
Net income	\$ 8,224	\$ 9,072	\$ 8,171	\$ 7,650
Earnings per share:				
Basic	\$ 0.25	\$ 0.27	\$ 0.24	\$ 0.20
Diluted	0.25	0.27	0.24	0.20
Average shares outstanding:				
Basic	33,263,289	33,264,697	33,870,240	37,711,200
Diluted	33,489,106	33,483,584	34,072,909	37,893,014

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HORIZON BANCORP, INC. AND SUBSIDIARIES

Notes to Consolidated Financial Statements

(Table dollars in thousands except for per share data)

Note 29 Business Combinations

On October 29, 2018, Horizon entered into an Agreement and Plan of Merger (the Merger Agreement) providing for Horizon's acquisition of Salin Bancshares, Inc. (Salin). Pursuant to the Merger Agreement, Salin will merge with and into Horizon, with Horizon surviving the merger (the Merger), and Salin Bank and Trust Company, a wholly-owned subsidiary of Salin, will merge with an into Horizon Bank, with Horizon Bank as the surviving bank.

The boards of directors of each of Horizon and Salin have approved the Merger and the Merger Agreement. Subject to the approval of the Merger by Salin shareholders, regulatory approvals and other closing conditions, the parties anticipate completing the Merger during the first quarter of 2019.

In connection with the Merger, shareholders of Salin will receive fixed consideration of 23,907.5 shares of Horizon common stock and \$84,417.17 in cash for each share of Salin common stock. Based on the closing price of Horizon's common stock on October 26, 2018 of \$16.95 per share, the transaction value for the shares of common stock is approximately \$135.3 million.

The Merger Agreement also provides for certain termination rights for both Horizon and Salin, and further provides that upon termination of the Merger Agreement under certain circumstances, Salin will be obligated to pay Horizon a termination fee.

As of December 31, 2018, Salin had total assets of approximately \$929.4 million and total deposits of approximately \$749.5 million and total loans of approximately \$593.7 million.

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Report of Independent Registered Public Accounting Firm

Audit Committee, Board of Directors and Stockholders

Horizon Bancorp

Michigan City, Indiana

Opinion on the Financial Statements

We have audited the accompanying consolidated balance sheets of Horizon Bancorp (Company) as of December 31, 2018 and 2017, the related consolidated statements of income, comprehensive income, stockholders' equity and cash flows for each of the years in the three-year period ended December 31, 2018, and the related notes (collectively referred to as the financial statements). In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2018 and 2017, and the results of its operations and its cash flows for each of the years in the three-year period ended December 31, 2018, in conformity with accounting principles generally accepted in the United States of America.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the Company's internal control over financial reporting as of December 31, 2018, based on criteria established in the *Internal Control - Integrated Framework* (2013) issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO) and our report dated February 28, 2019, expressed an unqualified opinion on the effectiveness of the Company's internal control over financial reporting.

Basis for Opinion

These financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on the Company's financial statements based on our audits.

We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audits to obtain reasonable assurance about whether the financial statements are free of material misstatement, whether due to error or fraud. Our audits included performing procedures to assess the risks of material misstatement of the financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the financial statements. We believe that our audits provide a reasonable basis for our opinion.

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Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our reports dated February 28, 2019, on our consideration of the Company's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts and grant agreements and other matters. The purpose of those reports is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over compliance. Those reports are an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

BKD, LLP

We have served as the Company's auditor since 1998.

Indianapolis, Indiana

February 28, 2019

Name of Engagement Executive: Michael A. Ososki

Federal Employer Identification Number: 44-0160260

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Report of Independent Registered Public Accounting Firm

Audit Committee, Board of Directors and Stockholders

Horizon Bancorp

Michigan City, Indiana

Opinion on the Internal Control Over Financial Reporting

We have audited Horizon Bancorp's (Company) internal control over financial reporting as of December 31, 2018, based on criteria established in *Internal Control – Integrated Framework: (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission (COSO).

In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2018, based on criteria established in *Internal Control – Integrated Framework: (2013)* issued by COSO.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) (PCAOB), the consolidated financial statements of the Company and our report dated February 28, 2019, expressed an unqualified opinion thereon.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Financial Statements. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit.

We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects.

Our audit included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

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Definitions and Limitations of Internal Control Over Financial Reporting

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

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

BKD, LLP

Indianapolis, Indiana

February 28, 2019

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Horizon Bancorp, Inc.

MANAGEMENT'S REPORT ON FINANCIAL STATEMENTS

Management is responsible for the preparation and presentation of the consolidated financial statements and related notes on the preceding pages. The statements have been prepared in conformity with accounting principles generally accepted in the United States of America appropriate in the circumstances and include amounts that are based on management's best estimates and judgments. Financial information elsewhere in the Annual Report is consistent with that in the consolidated financial statements.

In meeting its responsibility for the accuracy of the consolidated financial statements, management relies on Horizon's system of internal accounting controls. This system is designed to provide reasonable assurance that assets are safeguarded and transactions are properly recorded to permit the preparation of appropriate financial information. The system of internal controls is supplemented by a program of internal audits to independently evaluate the adequacy and application of financial and operating controls and compliance with Company policies and procedures.

The Audit Committee of the Board of Directors meets periodically with management, the independent accountants and the internal auditors to ensure that each is properly discharging its responsibilities with regard to the consolidated financial statements and internal accounting controls. The independent accountants have full and free access to the Audit Committee and meet with it to discuss auditing and financial reporting matters.

The consolidated financial statements in the Annual Report have been audited by BKD, LLP, independent registered public accounting firm, for 2018, 2017 and 2016. Their audits were conducted in accordance with the standards of the Public Company Accounting Oversight Board (United States) and included consideration of internal accounting controls, tests of accounting records and other audit procedures to the extent necessary to allow them to express their opinion on the fairness of the consolidated financial statements in conformity with accounting principles generally accepted in the United States of America.

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Horizon Bancorp, Inc.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None

ITEM 9A. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

Under the supervision of and with the participation of its management, including the Chief Executive Officer and Chief Financial Officer, Horizon has evaluated the effectiveness of the design and operation of its disclosure controls (as defined in Rule 13a-15(e) of the Securities Exchange Act of 1934 (the Exchange Act)) as of the end of the period covered by this report. Based on such evaluation, such officers have concluded that, as of the evaluation date, Horizon's disclosure controls and procedures are effective to ensure that the information required to be disclosed by Horizon in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in Securities and Exchange Commission rules and forms and are designed to ensure that information required to be disclosed in those reports is accumulated and communicated to management as appropriate to allow timely decisions regarding disclosure.

Management's Report on Internal Control Over Financial Reporting

Management of Horizon is responsible for establishing and maintaining effective internal control over financial reporting as defined in Rule 13a-15(f) under the Securities Exchange Act of 1934. Horizon's internal control over financial reporting is designed to provide reasonable assurance to the Company's management and Board of Directors regarding the preparation and fair presentation of published financial statements.

Management assessed the effectiveness of Horizon's internal control over financial reporting as of December 31, 2018. In making this assessment, management used the criteria set forth in Internal Control – Integrated Framework (2013) issued by the Committee of Sponsoring Organizations (COSO) of the Treadway Commission. Based on this assessment, management has determined that Horizon's internal control over financial reporting as of December 31, 2018 is effective based on the specified criteria.

Attestation Report of Registered Public Accounting Firm

BKD, LLP, independent registered public accounting firm, has issued an attestation report on management's assessment of Horizon's internal control over financial reporting. This report appears in Item 8, following BKD, LLP's audit report.

Changes in Internal Control Over Financial Reporting

Horizon's management, including its Chief Executive Officer and Chief Financial Officer, also have concluded that during the fiscal quarter ended December 31, 2018, there were no changes in Horizon's internal control over financial reporting that have materially affected, or are reasonably likely to materially affect, Horizon's internal control over financial reporting.

ITEM 9B. OTHER INFORMATION

Not applicable.

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Horizon Bancorp, Inc.

PART III

Certain information is omitted from this report pursuant to General Instruction G. (3) of Form 10-K as Horizon intends to file with the Commission its definitive Proxy Statement for its 2019 Annual Meeting of Shareholders (the Proxy Statement) pursuant to Regulation 14A of the Securities Exchange Act of 1934, as amended, not later than 120 days after December 31, 2018.

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

The information relating to Horizon's directors required by this item is found in the Proxy Statement under Proposal I Election of Directors and is incorporated into this report and item by reference.

The information relating to the Audit Committee of the Board of Directors required by this item is found in the Proxy Statement under Corporate Governance Audit Committee and is incorporated into this report and item by reference.

The information relating to Horizon's executive officers required by this item is included in Part I of this Form 10-K under Special Item: Executive Officers of Registrant and is incorporated into this item by reference.

The information relating to certain filing obligations of directors and executive officers required by this item is found in the Proxy Statement under Section 16(a) Beneficial Ownership Reporting Compliance and is incorporated into this report and item by reference.

Horizon's Code of Ethics for Executive Officers and Directors applies to its directors, chief executive officer and chief financial officer. The code is available on Horizon's website at <http://www.horizonbank.com/> in the section headed About Us Investor Relations under the caption Corporate Information Corporate Governance.

ITEM 11. EXECUTIVE COMPENSATION

The information on executive and director compensation and compensation committee matters required by this item can be found in the Proxy Statement under Corporate Governance, Compensation Committee Report, Compensation Discussion and Analysis, Executive Compensation and Compensation of Directors and is incorporated into this report and item by reference.

Table of Contents**Horizon Bancorp, Inc.****ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS****Equity Compensation Plan Information**

The following table presents information regarding grants under all equity compensation plans of Horizon through December 31, 2018.

Plan Category	Number of Securities to be Issued Upon Exercise of Outstanding Options, Warrants and Rights	Weighted-Average Exercise Price of Outstanding Options, Warrants and Rights	Number of Securities Remaining Available for Future Issuance Under Equity Compensation Plans (Excluding Securities Reflected in the First Column)
Equity compensation plans approved by security holders	328,617	\$ 11.81	829,637
Equity compensation plans not approved by security holders		\$	
	328,617	\$ 11.81	829,637

The other information required by this item can be found in the Proxy Statement under **Common Share Ownership of Management and Certain Beneficial Owners** and is incorporated by reference into this report and item.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this item is found in the Proxy Statement under **Corporate Governance** and **Certain Business Relationships and Transactions** and is incorporated by reference into this report and item.

ITEM 14. PRINCIPAL ACCOUNTING FEES AND SERVICES

The information required by this item is incorporated by reference into this report and item from the Proxy Statement section captioned **Auditor Fees and Services**.

PART IV

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) Documents Filed As Part of This Annual Report on Form 10-K:

1. Financial Statements

See the Financial Statements included in Item 8.

2. Financial Statement Schedules

Financial statement schedules are omitted for the reason that they are not required or are not applicable, or the required information is included in the financial statements.

Table of Contents**Horizon Bancorp, Inc.**

3. Exhibits

The exhibits filed as part of this report and exhibits incorporated herein by reference to other documents are as follows:

Exhibit Number	Description	Incorporated by Reference/Attached
2.1	<u>Agreement and Plan of Merger, dated as of October 29, 2018, between Horizon Bancorp, Inc. and Salin Bancshares, Inc.</u>	Incorporated by reference to Exhibit 2.1 to Registrant's Form 8-K filed on October 30, 2018
2.2	<u>First Amendment to Agreement and Plan of Merger dated December 18, 2018, between Horizon Bancorp, Inc. and Salin Bancshares, Inc.</u>	Incorporated by reference to Exhibit 2.1 to Registrant's Form 8-K filed on December 20, 2018
3.1	<u>Amended and Restated Articles of Incorporation of Horizon Bancorp, Inc. effective May 16, 2018</u>	Incorporated by reference to Exhibit 3.1 to Registrant's Form 8-K filed on May 16, 2018
3.2	<u>Amended and Restated Bylaws of Horizon Bancorp, Inc.</u>	Incorporated by reference to Exhibit 3.2 to Registrant's Form 8-K filed on December 21, 2017
4.1	<u>Indenture, dated as of October 21, 2004, between Horizon Bancorp and Wilmington Trust Company related to the issuance of Trust Preferred Securities</u>	Incorporated by reference to Exhibit 4.1 to Registrant's Form 10-K for the year ended December 31, 2009 (SEC File No. 000-10792, Film No. 10677545)
4.2	<u>Amended and Restated Declaration of Trust of Horizon Bancorp Capital Trust II, dated as of October 21, 2004, related to the issuance of Trust Preferred Securities</u>	Incorporated by reference to Exhibit 4.2 to Registrant's Form 10-K for the year ended December 31, 2009 (SEC File No. 000-10792, Film No. 10677545)
4.3	<u>Junior Subordinated Indenture, dated as of December 15, 2006, between Horizon Bancorp and Wilmington Trust Company</u>	Incorporated by reference to Exhibit 4.1 to Registrant's Form 8-K filed on December 21, 2006 (SEC File No. 000-10792, Film No. 061291739)
4.4	<u>Amended and Restated Trust Agreement of Horizon Bancorp Capital Trust III, dated as of December 15, 2006</u>	Incorporated by reference to Exhibit 4.2 to Registrant's Form 8-K filed on December 21, 2006 (SEC File No. 000-10792, Film No. 061291739)
10.1*	<u>Horizon Bancorp Amended 2003 Omnibus Equity Incentive Plan</u>	Incorporated by reference to Appendix A to Registrant's definitive Proxy Statement for its 2010 Annual Meeting of Shareholders (SEC File No. 000-10792, Film No. 10693679)
10.2*	<u>Form of Restricted Stock Award Agreement under 2003 Omnibus Equity Incentive Plan</u>	Incorporated by reference to Exhibit 10.7 to Registrant's Form 10-K for the year ended

December 31, 2009 (SEC File No. 000-10792,
Film No. 10677545)

10.3* Form of Option Grant Agreement under 2003
Omnibus Equity Incentive Plan

Incorporated by reference to Exhibit 10.8 to
Registrant's Form 10-K for the year ended
December 31, 2009 (SEC File No. 000-10792,
Film No. 10677545)

Table of Contents**Horizon Bancorp, Inc.**

Exhibit Number	Description	Incorporated by Reference/Attached
10.4*	<u>Horizon Bancorp 2013 Omnibus Equity Incentive Plan</u>	Incorporated by reference to Appendix A to Registrant's definitive Proxy Statement for its 2014 Annual Meeting of Shareholders
10.5*	<u>Form of Nonqualified Stock Option Agreement</u>	Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on June 18, 2013
10.6*	<u>Form of Nonqualified Stock Option Agreement (Restrictive Covenant)</u>	Incorporated by reference to Exhibit 10.2 to Registrant's Form 8-K filed on June 18, 2013
10.7*	<u>Form of Performance Share Award Agreement</u>	Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on March 27, 2017
10.8*	<u>Form of Performance Share Award Agreement (Restrictive Covenant)</u>	Incorporated by reference to Exhibit 10.2 to Registrant's Form 8-K filed on March 27, 2017
10.9*	<u>Form of Restricted Stock Award Agreement</u>	Incorporated by reference to Exhibit 10.9 to Registrant's Form 10-K filed on February 28, 2018
10.10*	<u>Form of Restricted Stock Award Agreement (Restrictive Covenant)</u>	Incorporated by reference to Exhibit 10.10 to Registrant's Form 10-K filed on February 28, 2018
10.11*	<u>1997 Supplemental Executive Retirement Plan, as amended and restated as of January 1, 1997, with amendments through December 19, 2017</u>	Incorporated by reference to Exhibit 4.2 to Registrant's Registration Statement on Form S-8 filed on December 28, 2017 (Registration No. 333-222329)
10.12*	<u>2005 Supplemental Executive Retirement Plan, effective as of January 1, 2005, with amendments through December 19, 2017</u>	Incorporated by reference to Exhibit 4.1 to Registrant's Registration Statement on Form S-8 filed on December 28, 2017 (Registration No. 333-222329)
10.13*	<u>1998 Directors Deferred Compensation Plan, with amendments through December 19, 2017</u>	Incorporated by reference to Exhibit 4.2 to Registrant's Registration Statement on Form S-8 filed on December 28, 2017 (Registration No. 333-222330)
10.14*	<u>Amended and Restated 2005 Directors Deferred Compensation Plan, dated December 19, 2017</u>	Incorporated by reference to Exhibit 4.2 to Registrant's Registration Statement on Form S-8 filed on December 28, 2017 (Registration No. 333-222330)
10.15*	<u>Description of Executive Officer Bonus Plan</u>	Attached
10.16*	<u>Employment Agreement, dated December 1, 2006, among Horizon Bancorp, Horizon Bank, N.A. and Craig M. Dwight</u>	Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on December 6, 2006 (SEC File No. 000-10792, Film No. 061259453)

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| 10.17* | <u>Letter Agreement, dated December 1, 2006, between Horizon Bank, N.A. and Craig M. Dwight</u> | Incorporated by reference to Exhibit 10.2 to Registrant's Form 8-K filed on December 6, 2006 (SEC File No. 000-10792, Film No. 061259453) |
| 10.18* | <u>Agreement dated August 28, 2007, between Horizon Bank, N.A. and Mark E. Secor</u> | Incorporated by reference to Exhibit 10.18 to Registrant's Form 10-K for the year ended December 31, 2008 (SEC File No. 000-10792, Film No. 09694757) |

Table of Contents**Horizon Bancorp, Inc.**

Exhibit Number	Description	Incorporated by Reference/Attached
10.19*	<u>First Amendment of the Agreement between Horizon Bank, N.A. and Mark E. Secor, dated January 1, 2009</u>	Incorporated by reference to Exhibit 10.19 to Registrant's Form 10-K for the year ended December 31, 2008 (SEC File No. 000-10792, Film No. 09694757)
10.20*	<u>Agreement dated September 21, 2016, between Horizon Bank, N.A. and Kathie A. DeRuiter</u>	Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on September 21, 2016
10.21*	<u>Agreement dated October 2, 2017, between Horizon Bank and Dennis J. Kuhn</u>	Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on October 3, 2017
10.22*	<u>Employment Agreement, dated January 1, 2018, between Horizon Bank, Horizon Bancorp and James D. Neff</u>	Incorporated by reference to Exhibit 10.1 to Registrant's Form 8-K filed on January 3, 2018
14	<u>Code of Ethics for Executive Officers and Directors</u>	Incorporated by reference to Exhibit 14 to Registrant's Form 8-K filed on December 21, 2017
21	<u>Subsidiaries of Horizon</u>	Attached
23	<u>Consent of BKD, LLP</u>	Attached
31.1	<u>Certification of Craig M. Dwight pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</u>	Attached
31.2	<u>Certification of Mark E. Secor pursuant to Section 302 of the Sarbanes-Oxley Act of 2002</u>	Attached
32.1	<u>Certification of Craig M. Dwight pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u>	Attached
32.2	<u>Certification of Mark E. Secor pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002</u>	Attached
101	Interactive Data File	Attached

* Indicates exhibits that describe or evidence management contracts or compensatory plans or arrangements required to be filed as exhibits to this Form 10-K.

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Horizon Bancorp, Inc.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized

Horizon Bancorp, Inc.

Registrant

Date: February 28, 2019

By: /s/ Craig M. Dwight

Craig M. Dwight

Chairman and Chief Executive Officer (Principal Executive Officer)

Date: February 28, 2019

By : /s/ Mark E. Secor

Mark E. Secor

Chief Financial Officer (Principal Financial Officer and Principal Accounting Officer)

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the Registrant and in the capacities and on the dates indicated.

Date

Signature and Title

February 28, 2019

/s/ Craig M. Dwight

Craig M. Dwight, Chairman of the Board Chief Executive Officer and Director

February 28, 2019

/s/ Susan D. Aaron

Susan D. Aaron, Director

February 28, 2019

/s/ Eric P. Blackhurst

Eric P. Blackhurst, Director

February 28, 2019

/s/ Lawrence E. Burnell

Lawrence E. Burnell, Director

February 28, 2019

/s/ James B. Dworkin

James B. Dworkin, Director

February 28, 2019

/s/ Daniel F. Hopp

Daniel F. Hopp, Director

February 28, 2019

/s/ Michele M. Magnuson

Michele M. Magnuson, Director

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Horizon Bancorp, Inc.

Date	Signature and Title
February 28, 2019	<u>/s/ Larry N. Middleton</u> _____ Larry N. Middleton, Director
February 28, 2019	<u>/s/ Peter L. Pairitz</u> _____ Peter L. Pairitz, Director
February 28, 2019	<u>/s/ Steven W. Reed</u> _____ Steven W. Reed, Director
February 28, 2019	<u>/s/ Spero W. Valavanis</u> _____ Spero W. Valavanis, Director