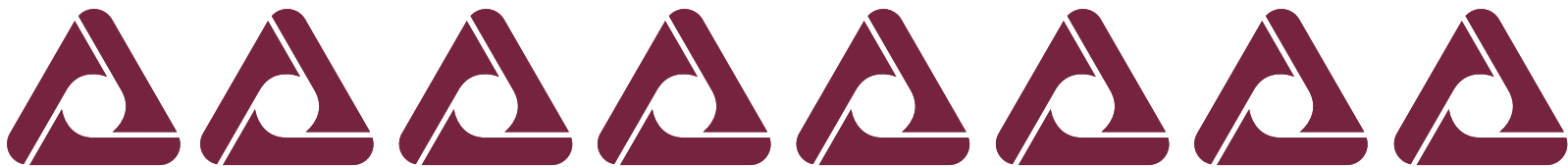


LANDMARK BANCORP, INC.

2017 ANNUAL REPORT



Everyone starts as a customer and leaves as a friend.



“After the morning feeding – Cheyenne Bottoms”
By Kansas Artist – Jamie Lavin

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PRESIDENT'S LETTER TO OUR STOCKHOLDERS, CUSTOMERS AND FRIENDS



Michael E. Scheopner

President / Chief Executive Officer

approximately 5.6% for 2017 – another year of solid core performance for Landmark.

I am pleased with the strong results of our core banking franchise. I believe Landmark's capital strength and our risk management practices, which we strengthened further in 2017, position us well for continued long-term growth. Landmark's commitment to community banking – meeting the financial needs of families and businesses with service that is both personal and high tech – continues to build our presence across Kansas. I expect our trend of solid core earnings to continue in 2018.

Landmark's total assets at year-end were \$929 million, an increase from our 2016 total of \$911 million. Our return on average assets was 0.47% in 2017 and return on average equity totaled 4.98% in 2017, both affected by the impact of the deposit-related loss on earnings. Our franchise footprint encompasses 29 branch banking locations in 23 Kansas communities.

Landmark continued our track record of paying consecutive cash dividends every quarter since the Company's formation resulting from the merger of Landmark Bancorp, Inc. with MNB Bancshares, Inc. in October 2001. Cash dividends equaling \$0.76 per share were paid in 2017. We once again declared a 5% stock dividend in 2017, representing the 17th consecutive year of providing this added shareholder benefit.

The primary objective of this letter is to share details of the many successes that Landmark achieved in 2017 – and there was plentiful evidence of success. None of these successes would have been possible without the dedicated efforts of associates, both at the front line and behind the scenes, who make sure the administrative, audit, compliance, finance, human resource, marketing, operations, technology and training needs of Landmark are met on a daily basis. These colleagues work tirelessly to ensure the promises we make to our clients and prospects are kept.

Landmark Bancorp, Inc. (Landmark) reported net earnings of \$4.4 million, or earnings per fully diluted share of \$1.06, in the year ended December 31, 2017. Earnings were impacted by a deposit-related loss in the third quarter that reduced net earnings by \$5.1 million for the year. Clearly, we are disappointed with the impact of the deposit-related fraud on our financial results. Excluding the third-quarter charge associated with that loss, net earnings would have increased

I am proud to be associated with a team that works daily with a focus on achieving our Company vision – “Everyone Starts as a Customer and Leaves as a Friend.”

Solid Results in 2017

The efforts of our commercial banking team resulted in an increase in net loans outstanding at year-end 2017. The \$434 million net total represents a 3.2% increase from the prior year-end balance. The commercial team continues to focus on client relationships that meet our credit portfolio standards, rather than trying to “buy” transactions through low price or credit-structure compromises. We will continue this disciplined approach to growth, in spite of evidence that some in our industry are weakening credit underwriting standards in an attempt to aggressively grow loans.

We continue to maintain a good geographic and industry mix for diversification in the loan portfolio. Looking at exposure to credit concentrations, construction and land loan portfolio balances totaled 4.4% of our total loan portfolio as of year-end 2017. Balances in our commercial real estate portfolio totaled 27.5% of our portfolio. Balances in the one-to-four family residential real estate mortgage loan portfolio represented 31.0% of the total portfolio as of December 31, 2017. Our agricultural loan portfolio accounted for 18.9% of our total loan portfolio as of year-end 2017. The agribusiness economy remained challenging in 2017, and those stresses are expected to continue in 2018. Our seasoned team of agribusiness bankers have been proactive in working with our client base to manage through the agribusiness economic cycle. Lastly, commercial and industrial loans represented 12.4% of the portfolio.

Our 2017 asset quality metrics continued to reflect high credit quality standards. Non-performing loans at year-end 2017 totaled \$6.0 million or 1.38% of gross loans. One commercial lending relationship accounted for \$3.6 million of the non-performing loan total. Our allowance for loan and lease losses at year-end 2017 totaled \$5.5 million or 1.24% of gross loans outstanding.

Our 2017 retail banking team efforts led to another year of net growth in both retail deposit and commercial deposit accounts. Overall, deposits grew 3.2% during 2017. Our retail banking focus continues to be on the growth of core lower-cost deposits in non-public-fund checking, money market and savings accounts. We offer a robust platform of products and services to meet the financial needs of our client base.

Our mortgage banking team enjoyed another highly successful year helping clients across Kansas meet their goal of homeownership. Our single-family mortgage loan origination volumes totaled \$187 million in 2017. Over the past decade, Landmark's single family mortgage production has totaled nearly \$2 billion. Gain on sale income related to our 2017 mortgage origination efforts totaled \$5.4 million. Our mortgage banking

team focuses on purchase money transactions and cross-selling of other bank services to convert a mortgage transaction into a full client relationship. This business model, building on our reputation for meeting the needs of home buyers in our banking markets, results in opportunities for what we consider recurring gain on sale revenue.

Banking Environment Going Forward

In 2018 the banking industry is operating in a sustained environment of rising interest rates. After a near-zero federal funds valley that began in December 2008, the Federal Open Market Committee has gradually adjusted rates in 0.25% increments beginning in December 2015, again in December 2016, and three times in 2017. The expectation for continued rate increases remains in 2018. As I noted earlier, Landmark has focused on, and had success, in growing our base of lower-cost deposits in non-public-fund checking, money market and savings accounts. These core deposits, overall, are less sensitive to pricing pressures in a rising rate environment. In preparation for a rising rate environment, Landmark has actively managed our investment portfolio with strategies that we expect will allow us to reinvest our maturing investments at higher yields in 2018 and 2019. Finally, we are cognizant that we must also actively address our loan portfolio pricing in a rising rate environment.

I am optimistic that the 2018 impact of the Tax Cuts and Jobs Act signed into law in December 2017 will be positive for our customers and our communities. More money in the hands of our retail customers and additional capital for our commercial clients to support growth and expansion efforts will have an overall positive impact in our geography. In our year-end 2017 financials, Landmark recognized the one-time accounting impact created by the legislation related to our deferred tax assets. As of the writing of this letter, we are still evaluating the benefit to net income for the Company in future periods as a result of the legislation in conjunction with other tax strategies that the Company has utilized over the past years. In the end, increased net profits as a result of a lower effective tax rate for Landmark will allow for additional investment in our employees and communities as well as a greater return for our shareholders.

Pending legislation associated with regulatory relief (Senate Bill 2155: Economic Growth, Regulatory Relief, and Consumer Protection Act) appears to have bipartisan support and I believe would be greatly welcomed by the banking industry. Since the 2010 Dodd-Frank Wall Street Reform and Consumer Protection Act, the number of banks has fallen by nearly 2,000, many of which were acquired by larger banks, while just 7 new banks have started. Landmark has devoted significant personnel and financial resources in efforts to remain compliant and responsive to the demands required by the over 26,000 pages of proposed and final rules for banks created by the Dodd-Frank Act. In the event regulatory relief legislation is signed into law, I do not anticipate that Landmark would reduce our compliance effort, but I believe stabilizing the cost of compliance would have a positive impact.

Landmark's Outlook for Growth

Your management team is focused in 2018 on building on our past successes. Landmark is well positioned to continue to enjoy growth and profitability. I expect this focus on growth to include both organic and acquisitive initiatives.

With respect to organic growth, while Landmark is geographically diversified across Kansas, several of our key banking markets offer organic growth opportunities. Our team continues to focus on running the organization in a conservative and disciplined manner dedicated to underwriting loans and investments prudently, monitoring interest rate risk, and structuring the overall organizational risk profile in a way that will prepare us as well as possible for any unforeseen events. As a community bank with a strong presence across the state of Kansas, Landmark is committed to growing our customer relationships and meeting the diverse financial needs of families and businesses.

We expect our efforts to also involve acquisitive growth opportunities. We continue to actively evaluate potential acquisition targets that would complement our current franchise footprint. Your Company has demonstrated a successful history of growth through acquisitions that have delivered accretive earnings and increased shareholder value. The current banking landscape in Kansas consists of many smaller banks that are without tangible succession strategies and remain challenged to meet the burden of regulatory demands. Landmark is committed to a community banking model in which our decision makers live in the cities and towns they serve, supported by centralized systems and resources enabling them to successfully meet their clients' needs. We will pursue acquisitive growth with this principle as a guide, while continuing to invest in the operational and human resources to navigate the regulatory landscape.

In closing, I want to thank my fellow Landmark associates for their efforts in 2017. I am proud to be associated with a group of highly talented community bankers dedicated to exceeding the expectations of Landmark customers. I also want to express my gratitude to our Board of Directors. Their leadership, knowledge of our banking markets and contributions to developing Landmark's strategic plan help set the stage for continued success.

Lastly, I want to thank our customers and our shareholders. Without your continued support and confidence, none of our past successes would have been possible. I look forward to sharing continued success with each of you in the coming years.

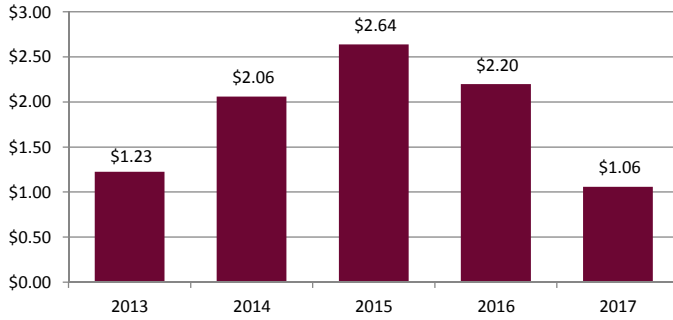
Sincerely,



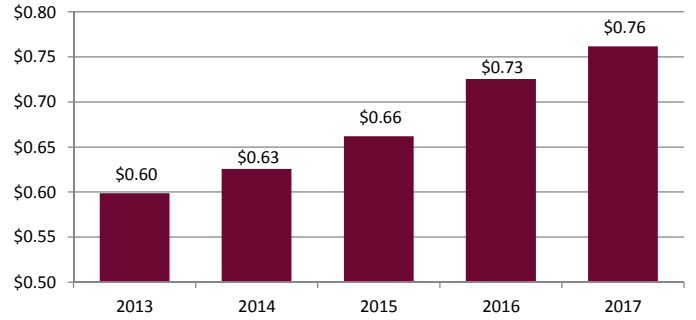
Michael E. Scheopner
President / Chief Executive Officer

FINANCIAL HIGHLIGHTS

Earnings per Share

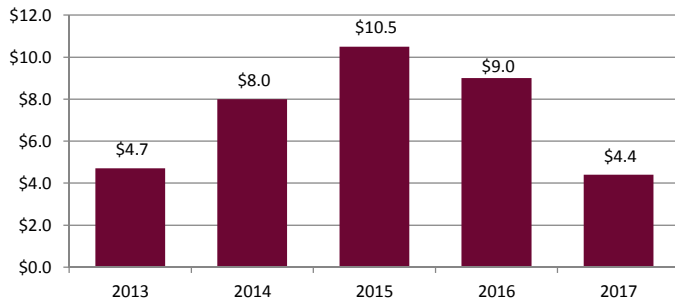


Dividends per Share

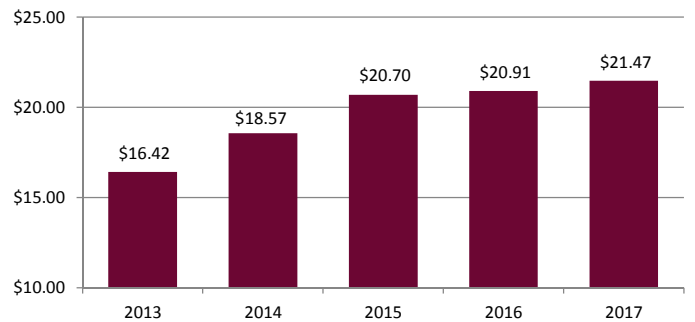


Net Earnings

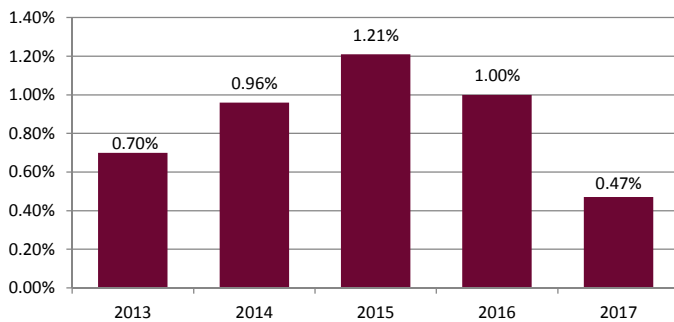
(Dollars in Millions)



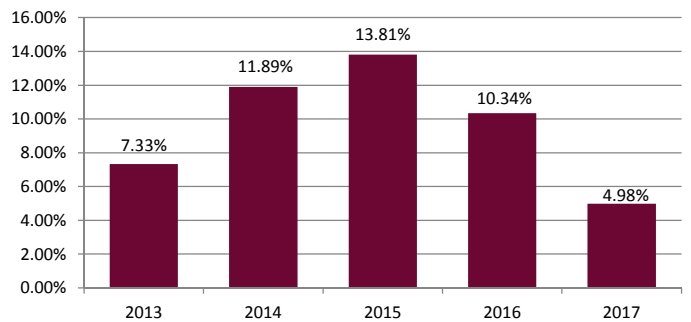
Book Value per Share



Return on Average Assets



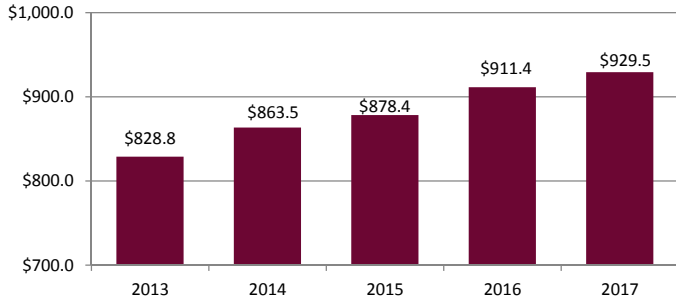
Return on Average Equity



FINANCIAL HIGHLIGHTS

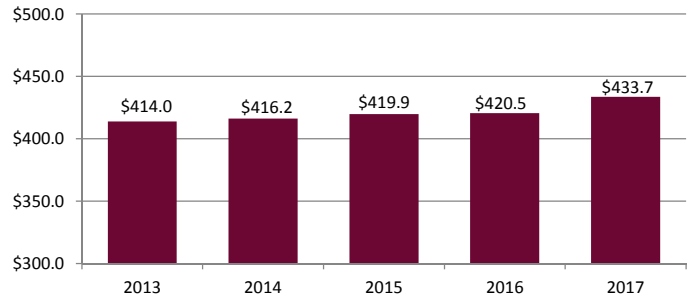
Total Assets

(Dollars in Millions)



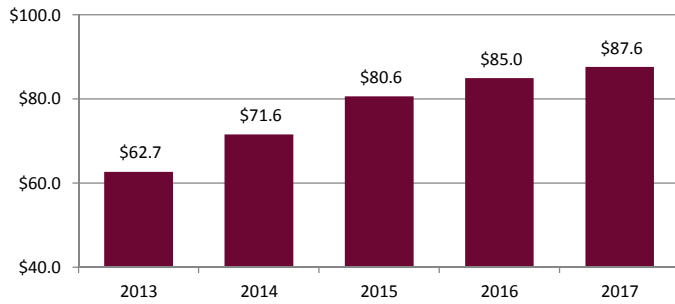
Net Loans

(Dollars in Millions)



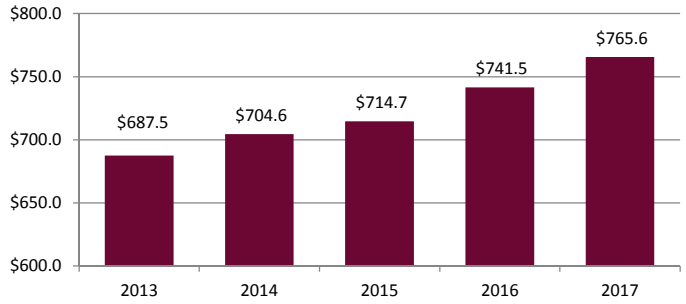
Stockholders' Equity

(Dollars in Millions)



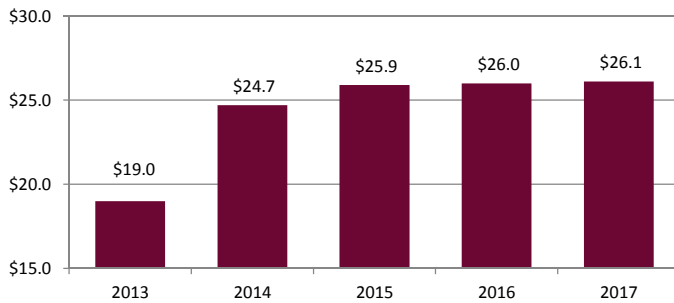
Deposits

(Dollars in Millions)



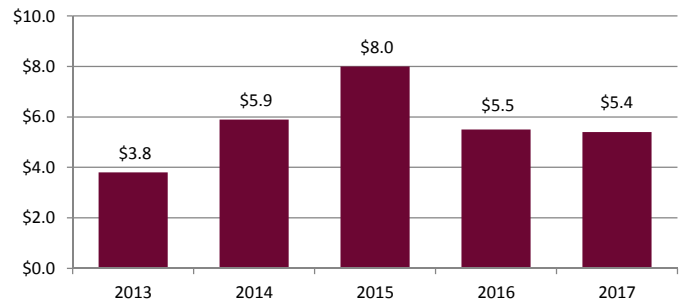
Net Interest Income

(Dollars in Millions)



Gains on Sales of Loans

(Dollars in Millions)



DIRECTORS OF LANDMARK BANCORP, INC. AND LANDMARK NATIONAL BANK



(From left) Sarah Hill-Nelson, Wayne R. Sloan, Patrick L. Alexander, Jim W. Lewis, David H. Snapp, Susan E. Roepke, Richard A. Ball, Michael E. Scheopner, Brent A. Bowman

Patrick L. Alexander, Executive Chairman
Landmark Bancorp, Inc. and
Landmark National Bank

Jim W. Lewis
Owner
Lewis Automotive Group

Michael E. Scheopner
President and Chief Executive Officer
Landmark Bancorp, Inc. and
Landmark National Bank

Sarah Hill-Nelson
President and Chief Executive Officer
The Bowersock Mills & Power Company

Richard A. Ball
Certified Public Accountant
Ball Consulting Group, Ltd.

Susan E. Roepke
Retired Vice President, Secretary and Treasurer,
MNB Bancshares, Inc.
Retired Senior Vice President/Secretary/Cashier,
Security National Bank

Brent A. Bowman
President
BBN Architects, Inc.
Architects and Landscape Architects

Wayne R. Sloan
President
BHS Construction, Inc.

David H. Snapp
Attorney
David H. Snapp, LC

EXECUTIVE OFFICERS OF LANDMARK BANCORP, INC.



Patrick L. Alexander
Executive Chairman



Michael E. Scheopner
President and Chief Executive Officer



Mark A. Herpich
Vice President, Secretary,
Chief Financial Officer and Treasurer

EXECUTIVE OFFICERS OF LANDMARK NATIONAL BANK

Patrick L. Alexander
Executive Chairman

Michael E. Scheopner
President and Chief Executive Officer

Mark A. Herpich
Executive Vice President, Secretary and
Chief Financial Officer



Mark J. Oliphant
Executive Vice President and
Market President Central Region



Dean R. Thibault
Executive Vice President
Chief Lending Officer

SERVING COMMUNITIES ACROSS KANSAS



Landmark National Bank, a Bauer 5-Star rated bank, has twenty-nine banks in twenty-three Kansas communities. We are dedicated to building meaningful relationships with our customers providing security, convenience and expertise.

MANHATTAN

701 Poyntz
3005 Anderson

GREAT BEND

1623 Main St.
5200 Broadway

LAWRENCE

2710 Iowa St.
4621 W. 6th St.

OVERLAND PARK

8101 W. 135th St.

AUBURN

1741 N. Washington

HOISINGTON

623 N. Main

LENEXA

7900 Quivira Rd.

PAOLA

1310 Baptiste Dr.

DODGE CITY

Central & Spruce
2500 N. 14th

IOLA

1206 East St.

LOUISBURG

100 W. Amity

PITTSBURG

2300 N. Broadway

FORT SCOTT

200 S. Main
US 69 HWY & 23rd St.

JUNCTION CITY

208 S. Washington

MOUND CITY

402 S. Main

TOPEKA

6100 SW 21st St.
6010 SW 6th Ave.

KINCAID

102 N. Commercial

OSAGE CITY

102 S. Sixth

WAMEGO

530 Lincoln

GARDEN CITY

1007 N. Main

LA CROSSE

808 Main

OSAWATOMIE

600 Main

WELLSVILLE

112 W. Sixth

www.banklandmark.com

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-K



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

For fiscal year ended December 31, 2017

OR



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

For transition period from _____ to _____

Commission File Number 0-33203

LANDMARK BANCORP, INC.

(Exact name of Registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

43-1930755

(I.R.S. Employer Identification Number)

701 Poyntz Avenue, Manhattan, Kansas 66502

(Address of principal executive offices) (Zip Code)

(785) 565-2000

(Registrant's telephone number, including area code)

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

Title of each class:

Common Stock, par value \$0.01 per share

Name of exchange on which registered:

Nasdaq Global Market

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 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 and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files).

Yes No

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

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

Large accelerated filer Accelerated filer Non-accelerated filer (do not check if a smaller reporting company)
Smaller reporting company Emerging growth company

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

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act).

Yes No

The aggregate market value of the voting and non-voting common equity held by non-affiliates of the registrant, based on the last sales price quoted on the Nasdaq Global Market on the last business day of the registrant's most recently completed second fiscal quarter, was approximately \$81.2 million. On March 13, 2018, the total number of shares of common stock outstanding was 4,104,288.

DOCUMENTS INCORPORATED BY REFERENCE

Portions of the Proxy Statement for the Annual Meeting of Stockholders to be held May 23, 2018, are incorporated by reference in Part III hereof, to the extent indicated herein.

LANDMARK BANCORP, INC.
2017 Form 10-K Annual Report
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PART I.

ITEM 1. BUSINESS

The Company

Landmark Bancorp, Inc. (the “Company”) is a financial holding company which was incorporated under the laws of the State of Delaware in 2001. Currently, the Company’s business consists of the ownership of Landmark National Bank (the “Bank”) and Landmark Risk Management, Inc., which are wholly-owned subsidiaries of the Company. As of December 31, 2017, the Company had \$929.5 million in consolidated total assets.

The Company is headquartered in Manhattan, Kansas, and has expanded its geographic presence through past acquisitions. Effective November 1, 2013, the Company completed the acquisition of Citizens Bank, National Association (“Citizens Bank”). Effective April 1, 2012, the Company completed the acquisition of The Wellsville Bank. The Company completed several other mergers and acquisitions since 2002.

The Bank has continued to focus on increasing its originations of commercial, commercial real estate and agricultural loans, which management believes will be more profitable and provide more growth for the Bank than traditional one-to-four family residential real estate lending. While the Bank has grown these portfolios, generally weak loan demand over the past few years as the economy has recovered has made it difficult to have meaningful growth while maintaining high credit standards. Additionally, greater emphasis has been placed on diversification of the deposit mix through expansion of core deposit accounts such as checking, savings, and money market accounts. The Bank has also diversified its geographical markets as a result of its acquisitions. The Company’s main office is in Manhattan, Kansas. The Company has 29 branch offices in 23 communities across the state of Kansas. The Company continues to explore opportunities to expand its banking markets through mergers and acquisitions, as well as branching opportunities.

Landmark Risk Management, Inc., which was formed and began operations on May 31, 2017, is a Nevada-based captive insurance company which provides property and casualty insurance coverage to the Company and the Bank for which insurance may not be currently available or economically feasible in today’s insurance marketplace. Landmark Risk Management, Inc. pools resources with several other similar insurance company subsidiaries of financial institutions to spread a limited amount of risk among themselves. Landmark Risk Management, Inc. is subject to the regulations of the State of Nevada and undergoes periodic examinations by the Nevada Division of Insurance.

The results of operations of the Bank and the Company are dependent primarily upon net interest income and, to a lesser extent, upon other income derived from sales of one-to-four family residential mortgage loans, loan servicing fees and customer deposit services. Additional expenses of the Bank include general and administrative expenses such as salaries, employee benefits, federal deposit insurance premiums, data processing, occupancy and related expenses.

Deposits of the Bank are insured by the Deposit Insurance Fund (the “DIF”) of the Federal Deposit Insurance Corporation (the “FDIC”) up to the maximum amount allowable under applicable federal law and regulation. The Bank is regulated by the Office of the Comptroller of the Currency (the “OCC”), as the chartering authority for national banks, and the FDIC, as the administrator of the DIF. The Bank is also subject to regulation by the Board of Governors of the Federal Reserve System (the “Federal Reserve”) with respect to reserves required to be maintained against deposits and certain other matters. The Bank is a member of the Federal Reserve Bank of Kansas City and the Federal Home Loan Bank (the “FHLB”) of Topeka.

The Company’s executive office and the Bank’s main office are located at 701 Poyntz Avenue, Manhattan, Kansas 66502. The telephone number is (785) 565-2000.

Market Areas

The Bank's primary deposit gathering and lending markets are geographically diversified throughout central, eastern, southeast, and southwest Kansas. The primary industries within these respective markets are also diverse and dependent upon a wide array of industry and governmental activity for their economic base. The Bank's markets have been impacted by slow economic growth. To varying degrees, the Bank's markets generally have experienced flat commercial and residential real estate values and slow growth in consumer spending. The Bank's markets have also been impacted by an economic downturn in the agriculture sector in recent years. A brief description of the four geographic areas and the communities which the Bank serves is set forth below.

The central region of the Bank's market area consists of the Bank's locations in Auburn, Junction City, Manhattan, Osage City, Topeka and Wamego, Kansas and includes the counties of Riley, Geary, Osage, Pottawatomie and Shawnee. The economies are significantly impacted by employment at Fort Riley Military Base in Junction City and Kansas State University, the second largest university in Kansas, which is located in Manhattan. Topeka is the capital of Kansas and strongly influenced by the government of the State of Kansas. Topeka and Manhattan are regional destinations for retail shopping as well as home to regional hospitals. Manhattan was also selected as the site of the new National Bio and Agro-Defense Facility, which is expected to have a significant impact on the regional economy as the facility is constructed and begins operations. Construction of the facility began in 2013 and is expected to be completed in August 2023. Additionally, manufacturing and service industries also play a key role within the central Kansas market.

The Bank's eastern Kansas branches are located in the communities of Lawrence, Lenexa, Louisburg, Osawatomie, Overland Park, Paola and Wellsville. The Bank's Lawrence locations are located in Douglas County and are significantly impacted by the University of Kansas, the largest university in Kansas. The eastern region is strongly influenced by the Kansas City metropolitan market, which is the highest growth area in the State of Kansas. The region is influenced by public and private industries and businesses of all sizes. In addition, housing growth and commercial real estate are major drivers of the region's economy. The Citizens Bank acquisition in 2013 expanded the Bank's presence in the eastern Kansas market with branches in the Kansas City metropolitan suburbs of Lenexa and Overland Park.

The southeast region of the Bank's market area consists of the Bank's locations in Fort Scott, Iola, Kincaid, Mound City and Pittsburg, Kansas. Agriculture, oil, and gas are the predominant industries in the southeast Kansas region. Both Fort Scott and Pittsburg are recognized as regional commercial centers within the southeast region of the state, which attracts small retail businesses to the region. Additionally, Pittsburg State University and Fort Scott Community College attract a number of individuals from the surrounding area to live within the communities to participate in educational programs and pursue a degree. Fort Scott is also home to a regional hospital. Additionally, manufacturing and service industries play a key role within the southeast Kansas market. This market area primarily consists of branches acquired in the Citizens Bank acquisition.

The Bank's southwest Kansas branches are located in the communities of Dodge City, Garden City, Great Bend, Hoisington and LaCrosse. Agriculture, oil, and gas are the predominant industries in the southwest Kansas region. Predominant activities involve crop production, feed lot operations, and food processing. Dodge City is known as the "Cowboy Capital of the World" and maintains a significant tourism industry. Both Dodge City and Garden City are recognized as regional commercial centers within the state with small businesses, manufacturing, retail, and service industries having a significant influence upon the local economies. Additionally, the Dodge City, Garden City and Great Bend communities each have a community college which attracts individuals from the surrounding areas.

Competition

The Company faces strong competition both in attracting deposits and making real estate, commercial and other loans. Its most direct competition for deposits comes from commercial banks and other savings institutions located in its principal market areas, including many larger financial institutions which have greater financial and marketing resources available to them. The ability of the Company to attract and retain deposits generally depends on its ability to provide a rate of return, service levels, liquidity and risk comparable to or better than those offered

by competing investment opportunities. The Company competes for loans principally through the interest rates and loan fees it charges and the efficiency and quality of services it provides borrowers.

Employees

At December 31, 2017, the Bank had a total of 286 employees (273 full time equivalent employees). The Company has no employees, although the Company is a party to several employment agreements with executives of the Bank. Employees are provided with a comprehensive benefits program, including basic and major medical insurance, life and disability insurance, sick leave, and a 401(k) profit sharing plan. Employees are not represented by any union or collective bargaining group, and the Bank considers its employee relations to be good.

Lending Activities

General. The Bank strives to provide a full range of financial products and services to small- and medium-sized businesses and to consumers in each market area it serves. The Bank targets owner-operated businesses and utilizes Small Business Administration lending as a part of its product mix. The Bank has a loan committee for each of its markets, which has authority to approve credits within established guidelines. Concentrations in excess of those guidelines must be approved by either a corporate loan committee comprised of the Bank's Chief Executive Officer, the Credit Risk Manager, and other senior commercial lenders or the Bank's board of directors. When lending to an entity, the Bank generally obtains a guaranty from the principals of the entity. The loan mix is subject to the discretion of the Bank's board of directors and the demands of the local marketplace.

The following is a brief description of each major category of the Bank's lending activity.

One-to-Four Family Residential Real Estate Lending. The Bank originates one-to-four family residential real estate loans with both fixed and variable rates. One-to-four family residential real estate loans are priced and originated following underwriting standards that are consistent with guidelines established by the major buyers in the secondary market. Generally, residential real estate loans retained in the Bank's loan portfolio have fixed or variable rates with adjustment periods of five years or less and amortization periods of typically either 15 or 30 years. A significant portion of these loans prepay prior to maturity. The Bank has no potential negative amortization loans. While the origination of fixed-rate, one-to-four family residential loans continues to be a key component of our business, the majority of these loans are sold in the secondary market. One-to-four family residential real estate loans that exceed 80% of the appraised value of the real estate generally are required, by policy, to be supported by private mortgage insurance, although on occasion the Bank will retain non-conforming residential loans to known customers at premium pricing. While the Bank does not intend to increase its one-to-four family residential real estate loan portfolio, the Bank slowed the runoff of the portfolio by retaining some of the new loan originations to offset weak commercial loan demand in the past several years. However, most of the new loan originations continue to be sold.

Construction and Land Lending. Loans in this category include loans to facilitate the development of both residential and commercial real estate. Construction and land loans generally have terms of less than 18 months, and the Bank will retain a security interest in the borrower's real estate. Construction loans are generally limited, by policy, to 80% of the appraised value of the property. Land loans are generally limited, by policy, to 65% of the appraised value of the property. The Bank has generally been reducing its exposure to construction and land loans over the past few years as a strategy to reduce risk.

Commercial Real Estate Lending. Commercial real estate loans, including multi-family loans, generally have amortization periods of 15 or 20 years. Commercial real estate and multi-family loans are generally limited, by policy, to 80% of the appraised value of the property. Commercial real estate loans are also supported by an analysis demonstrating the borrower's ability to repay. The Bank continues to focus on generating additional commercial real estate loan relationships.

Commercial Lending. Commercial loans include loans to service, retail, wholesale and light manufacturing businesses. Commercial loans are made based on the financial strength and repayment ability of the borrower, as well as the collateral securing the loans. The Bank targets owner-operated businesses as its customers and makes lending decisions based upon a cash flow analysis of the borrower as well as a collateral analysis.

Accounts receivable loans and loans for inventory purchases are generally on a one-year renewable term and loans for equipment generally have a term of seven years or less. The Bank generally takes a blanket security interest in all assets of the borrower. Equipment loans are generally limited to 75% of the cost or appraised value of the equipment. Inventory loans are generally limited to 50% of the value of the inventory, and accounts receivable loans are generally limited to 75% of a predetermined eligible base. The Bank continues to focus its organic growth on generating additional commercial loan relationships.

Municipal Lending. Loans to municipalities are generally related to equipment leasing or general fund loans. Terms are generally limited to 5 years. Equipment leases are generally made for the purchase of municipal assets and are secured by the leased asset. The Bank is generally not active in the origination of municipal loans and leases; however, the Bank may originate loans or leases for municipalities in its market area.

Agriculture Lending. Agricultural real estate loans generally have amortization periods of 20 years or less, during which time the Bank generally retains a security interest in the borrower's real estate. The Bank also provides short-term credit for operating loans and intermediate-term loans for farm product, livestock and machinery purchases and other agricultural improvements. Farm product loans generally have a one-year term, and machinery, equipment and breeding livestock loans generally have five to seven year terms. Extension of credit is based upon the borrower's ability to repay, as well as the existence of federal guarantees and crop insurance coverage. These loans are generally secured by a blanket lien on livestock, equipment, feed, hay, grain and growing crops. Equipment and breeding livestock loans are generally limited to 75% of appraised value. The Bank continues to focus on generating additional agriculture loan relationships in each of its market areas.

Consumer and Other Lending. Loans classified as consumer and other loans include automobile, boat, home improvement and home equity loans. With the exception of home improvement loans and home equity loans, the Bank generally takes a purchase money security interest in collateral for which it provides the original financing. Home improvement loans and home equity loans are principally secured through second mortgages. The terms of the loans typically range from one to five years, depending upon the use of the proceeds, and generally range from 75% to 90% of the value of the collateral. The majority of these loans are installment loans with fixed interest rates. Home improvement and home equity loans are generally secured by a second mortgage on the borrower's personal residence and, when combined with the first mortgage, limited to 80% of the value of the property unless further protected by private mortgage insurance. Home improvement loans are generally made for terms of five to seven years with fixed interest rates. Home equity loans are generally made for terms of ten years on a revolving basis with adjustable monthly interest rates tied to the national prime interest rate. While the Bank primarily provides consumer loans to its existing customers, consumer lending is not a category the Bank targets for organic growth.

Loan Origination and Processing

Loan originations are derived from a number of sources. Residential loan originations result from real estate broker referrals, direct solicitation by the Bank's loan officers, present depositors and borrowers, referrals from builders and attorneys, walk-in customers and, in some instances, other lenders. Consumer and commercial real estate loan originations generally emanate from many of the same sources.

Residential loan applications are underwritten and closed based upon standards which generally meet secondary market guidelines. The loan underwriting procedures followed by the Bank conform to regulatory specifications and are designed to assess both the borrower's ability to make principal and interest payments and the value of any assets or property serving as collateral for the loan. Generally, as part of the process, a loan officer meets with each applicant to obtain the appropriate employment and financial information as well as any other required loan information. The Bank then obtains reports with respect to the borrower's credit record, and on real estate loans, orders and reviews an appraisal of any collateral for the loan (prepared for the Bank by an independent appraiser).

Loan applicants are notified promptly of the decision of the Bank. Prior to closing any long-term loan, the borrower must provide proof of fire and casualty insurance on the property serving as collateral, and such insurance must be maintained during the full term of the loan. Title insurance is required on loans collateralized by real property.

The Bank is focusing on the generation of commercial, commercial real estate and agriculture loans to grow and diversify the loan portfolio. However, the slow economic growth has impacted loan origination as a result of decreased demand for loans that meet the Bank's credit standards. In addition, low commodity prices have negatively impacted collateral values and cash flows for agriculture loans, which have caused the Bank to increase underwriting requirements.

Supervision and Regulation

General

FDIC-insured institutions, their holding companies and their affiliates, are extensively regulated under federal and state law. As a result, the Company's growth and earnings performance may be affected not only by management decisions and general economic conditions, but also by the requirements of federal and state statutes and by the regulations and policies of various bank regulatory agencies, including the OCC, the Federal Reserve, the FDIC and the Consumer Financial Protection Bureau (the "CFPB"). Furthermore, taxation laws administered by the Internal Revenue Service and state taxing authorities, accounting rules developed by the Financial Accounting Standards Board (the "FASB"), securities laws administered by the Securities and Exchange Commission (the "SEC") and state securities authorities, and anti-money laundering laws enforced by the U.S. Department of the Treasury ("Treasury") have an impact on the Company's business. The effect of these statutes, regulations, regulatory policies and accounting rules are significant to the Company's operations and results.

Federal and state banking laws impose a comprehensive system of supervision, regulation and enforcement on the operations of FDIC-insured institutions, their holding companies and affiliates that is intended primarily for the protection of the FDIC-insured deposits and depositors of banks, rather than shareholders. These laws, and the regulations of the bank regulatory agencies issued under them, affect, among other things, the scope of the Company's business, the kinds and amounts of investments the Company and the Bank may make, reserve requirements, required capital levels relative to assets, the nature and amount of collateral for loans, the establishment of branches, the Company's ability to merge, consolidate and acquire, dealings with the Company's and the Bank's insiders and affiliates and the Company's payment of dividends. In reaction to the global financial crisis and particularly following the passage of the Dodd-Frank Wall Street Reform and Consumer Protection Act (the "Dodd-Frank Act"), we experience heightened regulatory requirements and scrutiny. Although the reforms primarily targeted systemically significant financial service providers, their influence filtered down in varying degrees to community banks over time and caused the Company's compliance and risk management processes, and the costs thereof, to increase. After the 2016 federal elections, momentum to decrease the regulatory burden on community banks gathered strength. Although these deregulatory trends continue to receive much discussion among the banking industry, lawmakers and bank regulatory agencies, little substantive progress has yet been made. The true impact these proposed reforms remains difficult to predict with any certainty.

The supervisory framework for U.S. banking organizations subjects banks and bank holding companies to regular examination by their respective regulatory agencies, which results in examination reports and ratings that are not publicly available and that can impact the conduct and growth of their business. These examinations consider not only compliance with applicable laws and regulations, but also capital levels, asset quality and risk, management ability and performance, earnings, liquidity, and various other factors. The regulatory agencies generally have broad discretion to impose restrictions and limitations on the operations of a regulated entity where the agencies determine, among other things, that such operations are unsafe or unsound, fail to comply with applicable law or are otherwise inconsistent with laws and regulations or with the supervisory policies of these agencies.

The following is a summary of the material elements of the supervisory and regulatory framework applicable to the Company and the Bank, beginning with a discussion of the continuing regulatory emphasis on the Company's capital levels. It does not describe all of the statutes, regulations and regulatory policies that apply, nor does it restate all of the requirements of those that are described. The descriptions are qualified in their entirety by reference to the particular statutory and regulatory provision.

Regulatory Emphasis on Capital

Regulatory capital represents the net assets of a banking organization available to absorb losses. Because of the risks attendant to their business, FDIC-insured institutions are generally required to hold more capital than other businesses, which directly affects the Company's earnings capabilities. While capital has historically been one of the

key measures of the financial health of both bank holding companies and banks, its role became fundamentally more important in the wake of the global financial crisis, as the banking regulators recognized that the amount and quality of capital held by banks prior to the crisis was insufficient to absorb losses during periods of severe stress. Certain provisions of the Dodd-Frank Act and Basel III, discussed below, establish strengthened capital standards for banks and bank holding companies, require more capital to be held in the form of common stock and disallow certain funds from being included in capital determinations. These standards represent regulatory capital requirements that are meaningfully more stringent than those in place previously.

Minimum Required Capital Levels. Banks have been required to hold minimum levels of capital based on guidelines established by the bank regulatory agencies since 1983. The minimums have been expressed in terms of ratios of capital divided by total assets. As discussed below, bank capital measures have become more sophisticated over the years and have focused more on the quality of capital and the risk of assets. Bank holding companies have historically had to comply with less stringent capital standards than their bank subsidiaries and have been able to raise capital with hybrid instruments such as trust preferred securities. The Dodd-Frank Act mandated the Federal Reserve to establish minimum capital levels for holding companies on a consolidated basis as stringent as those required for FDIC-insured institutions. A result of this change is that the proceeds of hybrid instruments, such as trust preferred securities, are being excluded from capital over a phase-out period. However, if such securities were issued prior to May 19, 2010 by bank holding companies with less than \$15 billion of assets, they may be retained, subject to certain restrictions. Because the Company has assets of less than \$15 billion, the Company is able to maintain its trust preferred proceeds as capital but the Company has to comply with new capital mandates in other respects and will not be able to raise capital in the future through the issuance of trust preferred securities.

The Basel International Capital Accords. The risk-based capital guidelines for U.S. banks since 1989 were based upon the 1988 capital accord known as “Basel I” adopted by the international Basel Committee on Banking Supervision, a committee of central banks and bank supervisors that acts as the primary global standard-setter for prudential regulation, as implemented by the U.S. bank regulatory agencies on an interagency basis. The accord recognized that bank assets for the purpose of the capital ratio calculations needed to be risk weighted (the theory being that riskier assets should require more capital) and that off-balance sheet exposures needed to be factored in the calculations. Basel I had a very simple formula for assigning risk weights to bank assets from 0% to 100% based on four categories. In 2008, the banking agencies collaboratively began to phase-in capital standards based on a second capital accord, referred to as “Basel II,” for large or “core” international banks (generally defined for U.S. purposes as having total assets of \$250 billion or more, or consolidated foreign exposures of \$10 billion or more) known as “advanced approaches” banks. The primary focus of Basel II was on the calculation of risk weights based on complex models developed by each advanced approaches bank. Because most banks were not subject to Basel II, the U.S. bank regulators worked to improve the risk sensitivity of Basel I standards without imposing the complexities of Basel II. This “standardized approach” increased the number of risk-weight categories and recognized risks well above the original 100% risk weighting. It is institutionalized by the Dodd-Frank Act for all banking organizations, even for the advanced approaches banks, as a floor.

On September 12, 2010, the Group of Governors and Heads of Supervision, the oversight body of the Basel Committee on Banking Supervision, announced agreement on a strengthened set of capital requirements for banking organizations around the world, known as Basel III, to address deficiencies recognized in connection with the global financial crisis.

The Basel III Rule. In July 2013, the U.S. federal banking agencies approved the implementation of the Basel III regulatory capital reforms in pertinent part, and, at the same time, promulgated rules effecting certain changes required by the Dodd-Frank Act (the “Basel III Rule”). In contrast to capital requirements historically, which were in the form of guidelines, Basel III was released in the form of regulations by each of the regulatory agencies. The Basel III Rule is applicable to all banking organizations that are subject to minimum capital requirements, including federal and state banks and savings and loan associations, as well as to bank and savings and loan holding companies, other than “small bank holding companies” (generally holding companies with consolidated assets of less than \$1 billion that do not have securities registered with the SEC).

The Basel III Rule required higher capital levels, increased the required quality of capital, and required more detailed categories of risk weighting of riskier, more opaque assets. For nearly every class of assets, the Basel III Rule requires a more complex, detailed and calibrated assessment of credit risk and calculation of risk weightings.

Not only did the Basel III Rule increase most of the required minimum capital ratios in effect prior to January 1, 2015, but it introduced the concept of Common Equity Tier 1 Capital, which consists primarily of common stock, related surplus (net of Treasury stock), retained earnings, and Common Equity Tier 1 minority interests subject to certain regulatory adjustments. The Basel III Rule also changed the definition of capital by establishing more stringent criteria that instruments must meet to be considered Additional Tier 1 Capital (primarily non-cumulative perpetual preferred stock that meets certain requirements) and Tier 2 Capital (primarily other types of preferred stock and subordinated debt, subject to limitations). A number of instruments that qualified as Tier 1 Capital under Basel I do not qualify, or their qualifications will change. For example, noncumulative perpetual preferred stock, which qualified as simple Tier 1 Capital under Basel I, does not qualify as Common Equity Tier 1 Capital, but qualifies as Additional Tier 1 Capital. The Basel III Rule also constrained the inclusion of minority interests, mortgage-servicing assets, and deferred tax assets in capital and requires deductions from Common Equity Tier 1 Capital in the event that such assets exceed a certain percentage of a banking institution's Common Equity Tier 1 Capital.

The Basel III Rule required **minimum** capital ratios as of January 1, 2015, as follows:

- A ratio of minimum Common Equity Tier 1 Capital equal to 4.5% of risk-weighted assets;
- An increase in the minimum required amount of Tier 1 Capital from 4% to 6% of risk-weighted assets;
- A continuation of the minimum required amount of Total Capital (Tier 1 plus Tier 2) at 8% of risk-weighted assets; and
- A minimum leverage ratio of Tier 1 Capital to total quarterly average assets equal to 4% in all circumstances.

In addition, institutions that seek the freedom to make capital distributions (including for dividends and repurchases of stock) and pay discretionary bonuses to executive officers without restriction must also maintain 2.5% in Common Equity Tier 1 Capital attributable to a capital conservation buffer being phased in over three years beginning in 2016 (as of January 1, 2018, it had phased in to 1.875%). The purpose of the conservation buffer is to ensure that banking institutions maintain a buffer of capital that can be used to absorb losses during periods of financial and economic stress. Factoring in the fully phased-in conservation buffer increases the minimum ratios depicted above to 7% for Common Equity Tier 1 Capital, 8.5% for Tier 1 Capital and 10.5% for Total Capital.

Banking organizations (except for large, internationally active banking organizations) became subject to the new rules on January 1, 2015. However, there are separate phase-in/phase-out periods for: (i) the capital conservation buffer; (ii) regulatory capital adjustments and deductions; (iii) nonqualifying capital instruments; and (iv) changes to the prompt corrective action rules discussed below. The phase-in periods commenced on January 1, 2016 and extend until January 1, 2019.

Well-Capitalized Requirements. The ratios described above are minimum standards in order for banking organizations to be considered "adequately capitalized." Bank regulatory agencies uniformly encourage banks to hold more capital and be "well-capitalized" and, to that end, federal law and regulations provide various incentives for banking organizations to maintain regulatory capital at levels in excess of minimum regulatory requirements. For example, a banking organization that is well-capitalized may: (i) qualify for exemptions from prior notice or application requirements otherwise applicable to certain types of activities; (ii) qualify for expedited processing of other required notices or applications; and (iii) accept, roll-over or renew brokered deposits. Higher capital levels could also be required if warranted by the particular circumstances or risk profiles of individual banking organizations. For example, the Federal Reserve's capital guidelines contemplate that additional capital may be required to take adequate account of, among other things, interest rate risk, or the risks posed by concentrations of credit, nontraditional activities or securities trading activities. Further, any banking organization experiencing or anticipating significant growth would be expected to maintain capital ratios, including tangible capital positions (i.e., Tier 1 Capital less all intangible assets), well above the minimum levels.

Under the capital regulations of the OCC, in order to be well capitalized, a banking organization must maintain:

- A Common Equity Tier 1 Capital ratio to risk-weighted assets of 6.5% or more;
- A ratio of Tier 1 Capital to total risk-weighted assets of 8% or more (6% under Basel I);
- A ratio of Total Capital to total risk-weighted assets of 10% or more (the same as Basel I); and
- A leverage ratio of Tier 1 Capital to total adjusted average quarterly assets of 5% or greater.

It is possible under the Basel III Rule to be well-capitalized while remaining out of compliance with the capital conservation buffer discussed above.

As of December 31, 2017: (i) the Bank was not subject to a directive from the OCC to increase its capital and (ii) the Bank was well-capitalized, as defined by OCC regulations. As of December 31, 2017, the Company had regulatory capital in excess of the Federal Reserve's requirements and met the Basel III Rule requirements to be well-capitalized.

Prompt Corrective Action. An FDIC-insured institution's capital plays an important role in connection with regulatory enforcement as well. Federal law provides the federal banking regulators with broad power to take prompt corrective action to resolve the problems of undercapitalized institutions. The extent of the regulators' powers depends on whether the institution in question is "adequately capitalized," "undercapitalized," "significantly undercapitalized" or "critically undercapitalized," in each case as defined by regulation. Depending upon the capital category to which an institution is assigned, the regulators' corrective powers include: (i) requiring the institution to submit a capital restoration plan; (ii) limiting the institution's asset growth and restricting its activities; (iii) requiring the institution to issue additional capital stock (including additional voting stock) or to sell itself; (iv) restricting transactions between the institution and its affiliates; (v) restricting the interest rate that 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, appointing a receiver for the institution.

Regulation and Supervision of the Company

General. The Company, as the sole shareholder of the Bank, is a bank holding company. As a bank holding company, the Company is registered with, and subject to regulation, supervision and enforcement by, the Federal Reserve under the Bank Holding Company Act of 1956, as amended (the "BHCA"). The Company is legally obligated to act as a source of financial and managerial strength to the Bank and to commit resources to support the Bank in circumstances where the Company might not otherwise do so. Under the BHCA, the Company is subject to periodic examination by the Federal Reserve and is required to file with the Federal Reserve periodic reports of the Company's operations and such additional information regarding the Company and the Bank as the Federal Reserve may require.

Acquisitions, Activities and Change in Control. The primary purpose of a bank holding company is to control and manage banks. The BHCA generally requires the prior approval of the Federal Reserve for any merger involving a bank holding company or any acquisition by a bank holding company of another bank or bank holding company. Subject to certain conditions (including deposit concentration limits established by the BHCA), the Federal Reserve may allow a bank holding company to acquire banks located in any state of the United States. In approving interstate acquisitions, the Federal Reserve is required to give effect to applicable state law limitations on the aggregate amount of deposits that may be held by the acquiring bank holding company and its FDIC-insured institution affiliates in the state in which the target bank is located (provided that those limits do not discriminate against out-of-state institutions or their holding companies) and state laws that require that the target bank have been in existence for a minimum period of time (not to exceed five years) before being acquired by an out-of-state bank holding company. Furthermore, in accordance with the Dodd-Frank Act, bank holding companies must be well-capitalized and well-managed in order to effect interstate mergers or acquisitions. For a discussion of the capital requirements, see "Regulatory Emphasis on Capital" above.

The BHCA generally prohibits the Company from acquiring direct or indirect ownership or control of more than 5% of the voting shares of any company that is not a bank and from engaging in any business other than that of banking, managing and controlling banks or furnishing services to banks and their subsidiaries. This general prohibition is subject to a number of exceptions. The principal exception allows bank holding companies to engage in, and to own shares of companies engaged in, certain businesses found by the Federal Reserve prior to November 11, 1999 to be “so closely related to banking ... as to be a proper incident thereto.” This authority would permit the Company to engage in a variety of banking-related businesses, including the ownership and operation of a savings association, or any entity engaged in consumer finance, equipment leasing, the operation of a computer service bureau (including software development) and mortgage banking and brokerage services. The BHCA does not place territorial restrictions on the domestic activities of nonbank subsidiaries of bank holding companies.

Additionally, bank holding companies that meet certain eligibility requirements prescribed by the BHCA and elect to operate as financial holding companies may engage in, or own shares in companies engaged in, a wider range of nonbanking activities, including securities and insurance underwriting and sales, merchant banking and any other activity that the Federal Reserve, in consultation with the Secretary of the Treasury, determines by regulation or order is financial in nature or incidental to any such financial activity or that the Federal Reserve determines by order to be complementary to any such financial activity and does not pose a substantial risk to the safety or soundness of FDIC-insured institutions or the financial system generally. In order to maintain status as a financial holding company, both the bank holding company and each of its subsidiary banks must be well-capitalized, well-managed, and have at least a satisfactory Community Reinvestment Act (“CRA”) rating. If the Federal Reserve determines that either the holding company or any of its subsidiary banks are not well-capitalized or well-managed, the Federal Reserve will provide a period of time in which to achieve compliance, but during the period of noncompliance, the Federal Reserve may place any additional limitations on the holding company that it deems appropriate. Furthermore, if non-compliance is based on the failure of a subsidiary bank to achieve a satisfactory CRA rating, the holding company would not be able to commence any new financial activities or acquire a company that engages in such activities. The Company has not elected to operate as a financial holding company.

Federal law also prohibits any person or company from acquiring “control” of an FDIC-insured depository institution or its holding company without prior notice to the appropriate federal bank regulator. “Control” is conclusively presumed to exist upon the acquisition of 25% or more of the outstanding voting securities of a bank or bank holding company, but may arise under certain circumstances between 10% and 24.99% ownership.

Capital Requirements. Bank holding companies are required to maintain capital in accordance with Federal Reserve capital adequacy requirements. For a discussion of capital requirements, see “—Regulatory Emphasis on Capital” above.

Dividend Payments. The Company’s ability to pay dividends to its shareholders may be affected by both general corporate law considerations and policies of the Federal Reserve applicable to bank holding companies. As a Delaware corporation, the Company is subject to the limitations of the Delaware General Corporation Law (the “DGCL”). The DGCL allows the Company to pay dividends only out of its surplus (as defined and computed in accordance with the provisions of the DGCL) or if the Company has no such surplus, out of its net profits for the fiscal year in which the dividend is declared and/or the preceding fiscal year.

As a general matter, the Federal Reserve has indicated that the board of directors of a bank holding company should eliminate, defer or significantly reduce dividends to shareholders if: (i) the company’s net income available to shareholders for the past four quarters, net of dividends previously paid during that period, is not sufficient to fully fund the dividends; (ii) the prospective rate of earnings retention is inconsistent with the company’s capital needs and overall current and prospective financial condition; or (iii) the company will not meet, or is in danger of not meeting, its minimum regulatory capital adequacy ratios. The Federal Reserve also possesses enforcement powers over bank holding companies and their non-bank subsidiaries to prevent or remedy actions that represent unsafe or unsound practices or violations of applicable statutes and regulations. Among these powers is the ability to proscribe the payment of dividends by banks and bank holding companies. In addition, under the Basel III Rule, institutions that seek the freedom to pay dividends will have to maintain 2.5% in Common Equity Tier 1 Capital attributable to the capital conservation buffer to be phased in over three years beginning in 2016. See “—Regulatory Emphasis on Capital” above.

Incentive Compensation. There have been a number of developments in recent years focused on incentive compensation plans sponsored by bank holding companies and banks, reflecting recognition by the bank regulatory agencies and Congress that flawed incentive compensation practices in the financial industry were one of many factors contributing to the global financial crisis. Layered on top of that are the abuses in the headlines dealing with product cross-selling incentive plans. The result is interagency guidance on sound incentive compensation practices and proposed rulemaking by the agencies required under Section 956 of the Dodd-Frank Act.

The interagency guidance recognized three core principles. Effective incentive plans should: (i) provide employees incentives that appropriately balance risk and reward; (ii) be compatible with effective controls and risk-management; and (iii) be supported by strong corporate governance, including active and effective oversight by the organization's board of directors. Much of the guidance addresses large banking organizations and, because of the size and complexity of their operations, the regulators expect those organizations to maintain systematic and formalized policies, procedures, and systems for ensuring that the incentive compensation arrangements for all executive and non-executive employees covered by this guidance are identified and reviewed, and appropriately balance risks and rewards. Smaller banking organizations like the Company that use incentive compensation arrangements are expected to be less extensive, formalized, and detailed than those of the larger banks.

Section 956 of the Dodd-Frank Act required the banking agencies, the National Credit Union Administration, the SEC and the Federal Housing Finance Agency to jointly prescribe regulations that prohibit types of incentive-based compensation that encourages inappropriate risk taking and to disclose certain information regarding such plans. On June 10, 2016, the agencies released an updated proposed rule for comment. Section 956 will only apply to banking organizations with assets of greater than \$1 billion. Although we currently have consolidated assets of less than \$1 billion, we are close to surpassing that threshold. Once we exceed consolidated assets of \$1 billion, but less than \$50 billion, we will be considered a Level 3 banking organization under the proposed rules. The proposed rules contain mostly general principles and reporting requirements for Level 3 institutions so there are no specific prescriptions or limits, deferral requirements or claw-back mandates. Risk management and controls are required, as is board or committee level approval and oversight. Management expects to review its incentive plans in light of the proposed rulemaking and guidance and implement policies and procedures that mitigate unreasonable risk. As of December 31, 2017, these rules remain in proposed form.

Monetary Policy. The monetary policy of the Federal Reserve has a significant effect on the operating results of financial or bank holding companies and their subsidiaries. Among the tools available to the Federal Reserve to affect the money supply are open market transactions in U.S. government securities, changes in the discount rate on bank borrowings and changes in reserve requirements against bank deposits. These means are used in varying combinations to influence overall growth and distribution of bank loans, investments and deposits, and their use may affect interest rates charged on loans or paid on deposits.

Federal Securities Regulation. The Company's common stock is registered with the SEC under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Consequently, the Company is subject to the information, proxy solicitation, insider trading and other restrictions and requirements of the SEC under the Exchange Act.

Corporate Governance. The Dodd-Frank Act addressed many investor protection, corporate governance and executive compensation matters that will affect most U.S. publicly traded companies. It increased stockholder influence over boards of directors by requiring companies to give stockholders a non-binding vote on executive compensation and so-called "golden parachute" payments, and authorizing the SEC to promulgate rules that would allow stockholders to nominate and solicit voters for their own candidates using a company's proxy materials. The legislation also directed the Federal Reserve to promulgate rules prohibiting excessive compensation paid to executives of bank holding companies, regardless of whether such companies are publicly traded.

Regulation and Supervision of the Bank

General. The Bank is a national bank, chartered by the OCC under the National Bank Act. The deposit accounts of the Bank are insured by the DIF to the maximum extent provided under federal law and FDIC regulations, currently \$250,000 per insured depositor category, and the Bank is a member of the Federal Reserve System. As a national bank, the Bank is subject to the examination, supervision, reporting and enforcement requirements of the OCC, the chartering authority for national banks. The FDIC, as administrator of the DIF, also has regulatory authority over the Bank.

Deposit Insurance. As an FDIC-insured institution, the Bank is required to pay deposit insurance premium assessments to the FDIC. The FDIC has adopted a risk-based assessment system whereby FDIC-insured institutions pay insurance premiums at rates based on their risk classification. For institutions like the Bank that are not considered large and highly complex banking organizations, assessments are now based on examination ratings and financial ratios. The total base assessment rates currently range from 1.5 basis points to 30 basis points. At least semi-annually, the FDIC updates its loss and income projections for the DIF and, if needed, increases or decreases the assessment rates, following notice and comment on proposed rulemaking. The assessment base against which an FDIC-insured institution's deposit insurance premiums paid to the DIF are calculated is based on its average consolidated total assets less its average tangible equity. This method shifts the burden of deposit insurance premiums toward those large depository institutions that rely on funding sources other than U.S. deposits.

The reserve ratio is the DIF balance divided by estimated insured deposits. The Dodd-Frank Act altered the minimum reserve ratio of the DIF, increasing the minimum from 1.15% to 1.35% of the estimated amount of total insured deposits, and eliminating the requirement that the FDIC pay dividends to FDIC-insured institutions when the reserve ratio exceeds certain thresholds. The reserve ratio reached 1.28% on September 30, 2017. If the reserve ratio does not reach 1.35% by December 31, 2018 (provided it is at least 1.15%), the FDIC will impose a shortfall assessment on March 31, 2019 on insured depository institutions with total consolidated assets of \$10 billion or more. The FDIC will provide assessment credits to insured depository institutions, like the Bank, with total consolidated assets of less than \$10 billion for the portion of their regular assessments that contribute to growth in the reserve ratio between 1.15% and 1.35%. The FDIC will apply the credits each quarter that the reserve ratio is at least 1.38% to offset the regular deposit insurance assessments of institutions with credits.

FICO Assessments. In addition to paying basic deposit insurance assessments, FDIC-insured institutions must pay Financing Corporation ("FICO") assessments. FICO is a mixed-ownership governmental corporation chartered by the former Federal Home Loan Bank Board pursuant to the Competitive Equality Banking Act of 1987 to function as a financing vehicle for the recapitalization of the former Federal Savings and Loan Insurance Corporation. FICO issued 30-year noncallable bonds of approximately \$8.1 billion that mature in 2017 through 2019. FICO's authority to issue bonds ended on December 12, 1991. Since 1996, federal legislation has required that all FDIC-insured institutions pay assessments to cover interest payments on FICO's outstanding obligations. The FICO assessment rate is adjusted quarterly and for the fourth quarter of 2017 was 54 cents per \$100 dollars of assessable deposits.

Supervisory Assessments. National banks are required to pay supervisory assessments to the OCC to fund the operations of the OCC. The amount of the assessment is calculated using a formula that takes into account the bank's size and its supervisory condition. During the year ended December 31, 2017, the Bank paid supervisory assessments to the OCC totaling \$229,000.

Capital Requirements. Banks are generally required to maintain capital levels in excess of other businesses. For a discussion of capital requirements, see "—Regulatory Emphasis on Capital" above.

Liquidity Requirements. Liquidity is a measure of the ability and ease with which bank assets may be converted to cash. Liquid assets are those that can be converted to cash quickly if needed to meet financial obligations. To remain viable, FDIC-insured institutions must have enough liquid assets to meet their near-term obligations, such as withdrawals by depositors. Because the global financial crisis was in part a liquidity crisis, Basel III also includes a liquidity framework that requires FDIC-insured institutions to measure their liquidity against specific liquidity tests. One test, referred to as the Liquidity Coverage Ratio ("LCR"), is designed to ensure that the banking entity has an adequate stock of unencumbered high-quality liquid assets that can be converted easily and immediately in private markets into cash to meet liquidity needs for a 30-calendar day liquidity stress scenario. The other test, known as the Net Stable Funding Ratio ("NSFR"), is designed to promote more medium- and long-term funding of the assets and activities of FDIC-insured institutions over a one-year horizon. These tests provide an incentive for banks and holding companies to increase their holdings in Treasury securities and other sovereign debt as a component of assets, increase the use of long-term debt as a funding source and rely on stable funding like core deposits (in lieu of brokered deposits).

In addition to liquidity guidelines already in place, the federal bank regulatory agencies implemented the Basel III LCR in 2014 and have proposed the NSFR. While the LCR only applies to the largest banking organizations in the country, as will the NSFR, certain elements are expected to filter down to all FDIC-insured

institutions. The Company continues to review the Company's liquidity risk management policies in light of the LCR and NSFR.

Stress Testing. A stress test is an analysis or simulation designed to determine the ability of a given FDIC-insured institution to deal with an economic crisis. In October 2012, U.S. bank regulators unveiled new rules mandated by the Dodd-Frank Act that require the largest U.S. banks to undergo stress tests twice per year, once internally and once conducted by the regulators. Stress tests are not required for banks with less than \$10 billion in assets; however, the FDIC now recommends stress testing as means to identify and quantify loan portfolio risk and the Bank is engaged in the process.

Dividend Payments. The primary source of funds for the Company is dividends from the Bank. Under the National Bank Act, a national bank may pay dividends out of its undivided profits in such amounts and at such times as the bank's board of directors deems prudent. Without prior OCC approval, however, a national bank may not pay dividends in any calendar year that, in the aggregate, exceed the bank's year-to-date net income plus the bank's retained net income for the two preceding years. The payment of dividends by any FDIC-insured institution is affected by the requirement to maintain adequate capital pursuant to applicable capital adequacy guidelines and regulations, and an FDIC-insured institution generally is prohibited from paying any dividends if, following payment thereof, the institution would be undercapitalized. As described above, the Bank exceeded its capital requirements under applicable guidelines as of December 31, 2017. Notwithstanding the availability of funds for dividends, however, the OCC may prohibit the payment of dividends by the Bank if it determines such payment would constitute an unsafe or unsound practice. In addition, under the Basel III Rule, institutions that seek the freedom to pay dividends will have to maintain 2.5% in Common Equity Tier 1 Capital attributable to the capital conservation buffer to be phased in over three years beginning in 2016. See "Regulatory Emphasis on Capital" above.

Insider Transactions. The Bank is subject to certain restrictions imposed by federal law on "covered transactions" between the Bank and its "affiliates." The Company is an affiliate of the Bank for purposes of these restrictions, and covered transactions subject to the restrictions include extensions of credit to the Company, investments in the stock or other securities of the Company and the acceptance of the stock or other securities of the Company as collateral for loans made by the Bank. The Dodd-Frank Act enhanced the requirements for certain transactions with affiliates, including an expansion of the definition of "covered transactions" and an increase in the amount of time for which collateral requirements regarding covered transactions must be maintained.

Certain limitations and reporting requirements are also placed on extensions of credit by the Bank to its directors and officers, to directors and officers of the Company and its subsidiaries, to principal shareholders of the Company and to "related interests" of such directors, officers and principal shareholders. In addition, federal law and regulations may affect the terms upon which any person who is a director or officer of the Company or the Bank, or a principal shareholder of the Company, may obtain credit from banks with which the Bank maintains a correspondent relationship.

Safety and Soundness Standards/Risk Management. The federal banking agencies have adopted guidelines that establish operational and managerial standards to promote the safety and soundness of FDIC-insured institutions. The guidelines set forth standards for internal controls, information systems, internal audit systems, loan documentation, credit underwriting, interest rate exposure, asset growth, compensation, fees and benefits, asset quality and earnings.

In general, the safety and soundness guidelines prescribe the goals to be achieved in each area, and each institution is responsible for establishing its own procedures to achieve those goals. If an institution fails to comply with any of the standards set forth in the guidelines, the FDIC-insured institution's primary federal regulator may require the institution to submit a plan for achieving and maintaining compliance. If an FDIC-insured institution fails to submit an acceptable compliance plan, or fails in any material respect to implement a compliance plan that has been accepted by its primary federal regulator, the regulator is required to issue an order directing the institution to cure the deficiency. Until the deficiency cited in the regulator's order is cured, the regulator may restrict the FDIC-insured institution's rate of growth, require the FDIC-insured institution to increase its capital, restrict the rates the institution pays on deposits or require the institution to take any action the regulator deems appropriate under the circumstances. Noncompliance with the standards established by the safety and soundness guidelines may also constitute grounds for other enforcement action by the federal bank regulatory agencies, including cease and desist orders and civil money penalty assessments.

During the past decade, the bank regulatory agencies have increasingly emphasized the importance of sound risk management processes and strong internal controls when evaluating the activities of the FDIC-insured institutions they supervise. Properly managing risks has been identified as critical to the conduct of safe and sound banking activities and has become even more important as new technologies, product innovation, and the size and speed of financial transactions have changed the nature of banking markets. The agencies have identified a spectrum of risks facing a banking institution including, but not limited to, credit, market, liquidity, operational, legal, and reputational risk. In particular, recent regulatory pronouncements have focused on operational risk, which arises from the potential that inadequate information systems, operational problems, breaches in internal controls, fraud, or unforeseen catastrophes will result in unexpected losses. New products and services, third-party risk and cybersecurity are critical sources of operational risk that FDIC-insured institutions must address in the current environment. The Bank is expected to have active board and senior management oversight; adequate policies, procedures, and limits; adequate risk measurement, monitoring, and management information systems; and comprehensive internal controls.

Branching Authority. National banks headquartered in Kansas, such as the Bank, have the same branching rights in Kansas as banks chartered under Kansas law, subject to OCC approval. Kansas law grants Kansas-chartered banks the authority to establish branches anywhere in the State of Kansas, subject to receipt of all required regulatory approvals.

Federal law permits state and national banks to merge with banks in other states subject to: (i) regulatory approval; (ii) federal and state deposit concentration limits; and (iii) state law limitations requiring the merging bank to have been in existence for a minimum period of time (not to exceed five years) prior to the merger. However, the Dodd-Frank Act permits well-capitalized and well-managed banks to establish new branches across state lines without these impediments.

Financial Subsidiaries. Under federal law and OCC regulations, national banks are authorized to engage, through “financial subsidiaries,” in any activity that is permissible for a financial holding company and any activity that the Secretary of the Treasury, in consultation with the Federal Reserve, determines is financial in nature or incidental to any such financial activity, except (i) insurance underwriting, (ii) real estate development or real estate investment activities (unless otherwise permitted by law), (iii) insurance company portfolio investments and (iv) merchant banking. The authority of a national bank to invest in a financial subsidiary is subject to a number of conditions, including, among other things, requirements that the bank must be well-managed and well-capitalized (after deducting from capital the bank’s outstanding investments in financial subsidiaries). The Bank has not applied for approval to establish any financial subsidiaries.

Federal Home Loan Bank System. The Bank is a member of the FHLB of Topeka, which serves as a central credit facility for its members. The FHLB is funded primarily from proceeds from the sale of obligations of the FHLB system. It makes loans to member banks in the form of FHLB advances. All advances from the FHLB are required to be fully collateralized as determined by the FHLB.

Transaction Account Reserves. Federal Reserve regulations require FDIC-insured institutions to maintain reserves against their transaction accounts (primarily NOW and regular checking accounts). For 2018: the first \$16 million of otherwise reservable balances are exempt from reserves and have a zero percent reserve requirement; for transaction accounts aggregating more than \$16 million to \$122.3 million, the reserve requirement is 3% of total transaction accounts; and for net transaction accounts in excess of \$122.3 million, the reserve requirement is 3% up to \$122.3 million plus 10% of the aggregate amount of total transaction accounts in excess of \$122.3 million. These reserve requirements are subject to annual adjustment by the Federal Reserve.

Community Reinvestment Act Requirements. The Community Reinvestment Act requires the Bank to have a continuing and affirmative obligation in a safe and sound manner to help meet the credit needs of its entire community, including low- and moderate-income neighborhoods. Federal regulators regularly assess the Bank’s record of meeting the credit needs of its communities. Applications for additional acquisitions would be affected by the evaluation of the Bank’s effectiveness in meeting its Community Reinvestment Act requirements.

Anti-Money Laundering. The Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001 (the “USA Patriot Act”) is designed to deny terrorists and criminals the ability to obtain access to the U.S. financial system and has significant implications for FDIC-insured institutions, brokers, dealers and other businesses involved in the transfer of money. The USA Patriot Act mandates financial services companies to have policies and procedures with respect to measures designed to address any or all

of the following matters: (i) customer identification programs; (ii) money laundering; (iii) terrorist financing; (iv) identifying and reporting suspicious activities and currency transactions; (v) currency crimes; and (vi) cooperation between FDIC-insured institutions and law enforcement authorities.

Concentrations in Commercial Real Estate. Concentration risk exists when FDIC-insured institutions deploy too many assets to any one industry or segment. A concentration in commercial real estate is one example of regulatory concern. The interagency Concentrations in Commercial Real Estate Lending, Sound Risk Management Practices guidance (“CRE Guidance”) provides supervisory criteria, including the following numerical indicators, to assist bank examiners in identifying banks with potentially significant commercial real estate loan concentrations that may warrant greater supervisory scrutiny: (i) commercial real estate loans exceeding 300% of capital and increasing 50% or more in the preceding three years; or (ii) construction and land development loans exceeding 100% of capital. The CRE Guidance does not limit banks’ levels of commercial real estate lending activities, but rather guides institutions in developing risk management practices and levels of capital that are commensurate with the level and nature of their commercial real estate concentrations. On December 18, 2015, the federal banking agencies issued a statement to reinforce prudent risk-management practices related to CRE lending, having observed substantial growth in many CRE asset and lending markets, increased competitive pressures, rising CRE concentrations in banks, and an easing of CRE underwriting standards. The federal bank agencies reminded FDIC-insured institutions to maintain underwriting discipline and exercise prudent risk-management practices to identify, measure, monitor, and manage the risks arising from CRE lending. In addition, FDIC-insured institutions must maintain capital commensurate with the level and nature of their CRE concentration risk.

Based on the Bank’s loan portfolio as of December 31, 2017, it did not exceed the 300% guideline for commercial real estate loans.

Consumer Financial Services. The historical structure of federal consumer protection regulation applicable to all providers of consumer financial products and services changed significantly on July 21, 2011, when the CFPB commenced operations to supervise and enforce consumer protection laws. The CFPB has broad rulemaking authority for a wide range of consumer protection laws that apply to all providers of consumer products and services, including the Bank, as well as the authority to prohibit “unfair, deceptive or abusive” acts and practices. The CFPB has examination and enforcement authority over providers with more than \$10 billion in assets. FDIC-insured institutions with \$10 billion or less in assets, like the Bank, continue to be examined by their applicable bank regulators. The Company does not currently expect the CFPB’s rules to have a significant impact on the Bank’s operations, except for higher compliance costs.

Company Web site

The Company maintains a corporate Web site at www.landmarkbancorpinc.com. In addition, the Company has an investor relations link at the Bank’s corporate Web site at www.banklandmark.com. Many of the Company’s policies, including its code of business conduct and ethics, committee charters and other investor information, are available on its website. The Company makes available free of charge on or through its website its Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q, Current Reports on Form 8-K and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after the Company electronically files such material with, or furnishes it to, the SEC. Copies of the Company’s filings with the SEC are also available from the SEC’s website (<http://www.sec.gov>) free of charge. The Company will also provide copies of its filings free of charge upon written request to our Corporate Secretary at Landmark Bancorp, Inc., 701 Poyntz Avenue, Manhattan, Kansas 66502.

STATISTICAL DATA

The Company has a fiscal year ending on December 31. Unless otherwise noted, the information presented in this Annual Report on Form 10-K presents information on behalf of the Company as of and for the year ended December 31, 2017.

The statistical data required by Guide 3 of the Securities Act of 1933 Industry Guides is set forth in the following pages. This data should be read in conjunction with the consolidated financial statements, related notes and “Management’s Discussion and Analysis of Financial Condition and Results of Operations” included in this Annual Report on Form 10-K.

I. Distribution of Assets, Liabilities, and Stockholders’ Equity; Interest Rates and Interest Differential

The following table describes the extent to which changes in tax equivalent interest income and interest expense for major components of interest-earning assets and interest-bearing liabilities affected the Company’s interest income and expense during the periods indicated. The table distinguishes between (i) changes attributable to rate (changes in rate multiplied by prior volume), (ii) changes attributable to volume (changes in volume multiplied by prior rate), and (iii) net change (the sum of the previous columns). The net changes attributable to the combined effect of volume and rate which cannot be segregated have been allocated proportionately to the change due to volume and the change due to rate.

	Years ended December 31,					
	2017 vs 2016			2016 vs 2015		
	Increase/(decrease) attributable to			Increase/(decrease) attributable to		
Volume	Rate	Net	Volume	Rate	Net	
	(Dollars in thousands)					
Interest income:						
Interest-bearing deposits at banks	\$ 5	\$ 17	\$ 22	\$ 1	\$ 9	\$ 10
Investment securities						
Taxable	-	112	112	(263)	221	(42)
Tax-exempt (1)	767	(18)	749	832	(302)	530
Loans (2)	(184)	(39)	(223)	264	(367)	(103)
Total	588	72	660	834	(439)	395
Interest expense:						
Deposits	48	387	435	6	57	63
Borrowings	(117)	76	(41)	39	8	47
Total	(69)	463	394	45	65	110
Net interest income	\$ 657	\$ (391)	\$ 266	\$ 789	\$ (504)	\$ 285

(1) The change in tax-exempt income on investment securities is presented on a fully taxable equivalent basis, using a 34% federal tax rate.

(2) The change in tax-exempt loan income is presented on a fully taxable equivalent basis, using a 34% federal tax rate.

The following table sets forth information relating to average balances of interest-earning assets and interest-bearing liabilities for the years ended December 31, 2017, 2016 and 2015. Average balances are derived from daily average balances. Non-accrual loans were included in the computation of average balances but have been reflected in the table as loans carrying a zero yield. The yields set forth in the table below include the effect of deferred fees, discounts and premiums that are amortized or accreted to interest income or interest expense. This table reflects the average yields on assets and average costs of liabilities for the periods indicated (derived by dividing income or expense by the monthly average balance of assets or liabilities, respectively) as well as the "net interest margin" (which reflects the effect of the net earnings balance) for the periods shown.

	Year ended December 31, 2017			Year ended December 31, 2016			Year ended December 31, 2015		
	Average balance	Income/expense	Yield/cost	Average balance	Income/expense	Yield/cost	Average balance	Income/expense	Yield/cost
(Dollars in thousands)									
Assets									
Interest-earning assets:									
Interest bearing deposits at banks	\$ 3,834	\$ 39	1.02%	\$ 3,075	\$ 17	0.55%	\$ 2,817	\$ 7	0.25%
Investment securities									
Taxable	219,100	4,647	2.12%	219,091	4,535	2.07%	227,161	4,577	2.01%
Tax-exempt (1)	175,668	5,881	3.35%	152,737	5,132	3.36%	126,796	4,602	3.63%
Loans receivable, net (2)	429,540	21,154	4.92%	433,707	21,377	4.93%	428,780	21,480	5.01%
Total interest-earning assets	<u>828,142</u>	<u>31,721</u>	3.83%	<u>808,610</u>	<u>31,061</u>	3.84%	<u>785,554</u>	<u>30,666</u>	3.90%
Non-interest-earning assets									
	<u>92,230</u>			<u>85,759</u>			<u>84,831</u>		
Total	<u>\$ 920,372</u>			<u>\$ 894,369</u>			<u>\$ 870,385</u>		
Liabilities and Stockholders' Equity									
Interest-bearing liabilities:									
Money market and checking	\$ 359,661	\$ 948	0.26%	\$ 330,252	\$ 458	0.14%	\$ 321,184	\$ 311	0.10%
Savings accounts	93,443	28	0.03%	86,538	26	0.03%	78,791	24	0.03%
Time deposit	132,816	593	0.45%	144,678	650	0.45%	158,172	736	0.47%
Total deposits	<u>585,920</u>	<u>1,569</u>	0.27%	<u>561,468</u>	<u>1,134</u>	0.20%	<u>558,147</u>	<u>1,071</u>	0.19%
FHLB advances and other borrowings	<u>75,347</u>	<u>2,016</u>	2.68%	<u>79,090</u>	<u>2,057</u>	2.60%	<u>77,683</u>	<u>2,010</u>	2.59%
Total interest-bearing liabilities	<u>661,267</u>	<u>3,585</u>	0.54%	<u>640,558</u>	<u>3,191</u>	0.50%	<u>635,830</u>	<u>3,081</u>	0.48%
Non-interest-bearing liabilities									
	<u>171,409</u>			<u>167,144</u>			<u>158,470</u>		
Stockholders' equity	<u>87,696</u>			<u>86,667</u>			<u>76,085</u>		
Total	<u>\$ 920,372</u>			<u>\$ 894,369</u>			<u>\$ 870,385</u>		
Interest rate spread (3)			3.29%			3.34%			3.42%
Net interest margin (4)	<u>\$ 28,136</u>		3.40%	<u>\$ 27,870</u>		3.45%	<u>\$ 27,585</u>		3.51%
Tax equivalent interest - imputed (1) (2)	<u>2,021</u>			<u>1,831</u>			<u>1,669</u>		
Net interest income	<u>\$ 26,115</u>			<u>\$ 26,039</u>			<u>\$ 25,916</u>		
Ratio of average interest-earning assets to average interest-bearing liabilities			125.2%			126.2%			123.5%

- (1) Income on tax-exempt investment securities is presented on a fully taxable equivalent basis, using a 34% federal tax rate.
- (2) Income on tax-exempt loans is presented on a fully taxable equivalent basis, using a 34% federal tax rate.
- (3) Interest rate spread represents the difference between the average yield on interest-earning assets and the average cost of interest-bearing liabilities.
- (4) Net interest margin represents net interest income divided by average interest-earning assets.

II. Investment Portfolio

Investment Securities. The following table sets forth the carrying value of the Company's investment securities at the dates indicated. None of the investment securities issued by an individual issuer held as of December 31, 2017 were in excess of 10% of the Company's stockholders' equity, excluding U.S. federal agency obligations. The Company's federal agency obligations consist of obligations of U.S. government-sponsored enterprises, primarily the FHLB. The Company's agency mortgage-backed securities portfolio consists of securities predominantly underwritten to the standards of and guaranteed by the government-sponsored agencies of Federal Home Loan Mortgage Corporation, Federal National Mortgage Association and Government National Mortgage Association. The Company's investments in certificates of deposits consist of FDIC-insured certificates of deposits with other financial institutions.

	As of December 31,		
	2017	2016	2015
	(Dollars in thousands)		
Investment securities:			
U.S. treasury securities	\$ 1,990	\$ 6,015	\$ 6,517
U.S. federal agency obligations	16,492	27,139	29,920
Municipal obligations, tax-exempt	184,738	161,662	137,941
Municipal obligations, taxable	57,976	71,563	81,890
Agency mortgage-backed securities	117,555	108,376	85,985
Certificates of deposits	9,224	9,700	9,699
Common stocks	8	1,108	1,486
Total investment securities available-for-sale, at fair value	<u>\$ 387,983</u>	<u>\$ 385,563</u>	<u>\$ 353,438</u>
FHLB stock	3,404	3,276	2,483
Federal Reserve Bank stock	1,908	1,912	1,903
Correspondent bank common stock	111	111	111
Bank stocks, at cost	<u>\$ 5,423</u>	<u>\$ 5,299</u>	<u>\$ 4,497</u>

The following table sets forth certain information regarding the carrying values, weighted average yields, and maturities of the Company's investment securities portfolio, excluding common stocks, as of December 31, 2017. Yields on tax-exempt obligations have been computed on a tax equivalent basis, using a 34% federal tax rate. Mortgage-backed investment securities include scheduled principal payments and estimated prepayments based on observable market inputs. Actual prepayments will differ from contractual maturities because borrowers have the right to prepay obligations with or without prepayment penalties.

	As of December 31, 2017									
	One year or less		One to five years		Five to ten years		More than ten years		Total	
	Carrying value	Average yield	Carrying value	Average yield	Carrying value	Average yield	Carrying value	Average yield	Carrying value	Average yield
	(Dollars in thousands)									
Investment securities:										
U.S. treasury securities	\$ -	0.00%	\$ 1,990	2.01%	\$ -	0.00%	\$ -	0.00%	\$ 1,990	2.01%
U.S. federal agency obligations	8,071	1.13%	8,019	1.50%	231	3.30%	171	3.77%	16,492	1.37%
Municipal obligations, tax-exempt	7,600	2.77%	35,706	2.71%	61,662	3.12%	79,770	4.03%	184,738	3.42%
Municipal obligations, taxable	8,617	1.74%	20,888	2.16%	20,559	2.92%	7,912	3.48%	57,976	2.55%
Agency mortgage-backed securities	325	2.97%	105,019	2.10%	12,211	2.58%	-	0.00%	117,555	2.15%
Certificates of deposits	2,407	1.25%	6,817	1.70%	-	0.00%	-	0.00%	9,224	1.58%
Total	<u>\$ 27,020</u>	<u>1.82%</u>	<u>\$ 178,439</u>	<u>2.19%</u>	<u>\$ 94,663</u>	<u>3.01%</u>	<u>\$ 87,853</u>	<u>3.98%</u>	<u>\$ 387,975</u>	<u>2.77%</u>

III. Loan Portfolio

Loan Portfolio Composition. The following table sets forth the composition of the loan portfolio by type of loan at the dates indicated.

	As of December 31,				
	2017	2016	2015	2014	2013
<u>Balance</u>	(Dollars in thousands)				
One-to-four family residential real estate loans	\$ 136,215	\$ 136,846	\$ 131,930	\$ 127,555	\$ 125,087
Construction and land loans	19,356	13,738	15,043	21,950	23,776
Commercial real estate loans	120,624	118,200	118,983	118,411	119,390
Commercial loans	54,591	54,506	61,300	59,971	61,383
Agriculture loans	83,008	78,324	71,030	64,316	62,287
Municipal loans	3,396	3,884	7,635	8,982	8,846
Consumer loans	22,046	20,271	19,895	20,044	18,600
Total gross loans	439,236	425,769	425,816	421,229	419,369
Net deferred loan costs and loans in process	(34)	36	29	281	187
Allowance for loan losses	(5,459)	(5,344)	(5,922)	(5,320)	(5,540)
Loans, net	\$ 433,743	\$ 420,461	\$ 419,923	\$ 416,190	\$ 414,016
<u>Percent of total</u>					
One-to-four family residential real estate loans	31.0%	32.1%	31.0%	30.3%	29.8%
Construction and land loans	4.4%	3.2%	3.5%	5.2%	5.7%
Commercial real estate loans	27.5%	27.8%	27.9%	28.1%	28.5%
Commercial loans	12.4%	12.8%	14.4%	14.2%	14.6%
Agriculture loans	18.9%	18.4%	16.7%	15.3%	14.9%
Municipal loans	0.8%	0.9%	1.8%	2.1%	2.1%
Consumer loans	5.0%	4.8%	4.7%	4.8%	4.4%
Total gross loans	100.0%	100.0%	100.0%	100.0%	100.0%

The following table sets forth the contractual maturities of loans as of December 31, 2017. The table does not include unscheduled prepayments.

	As of December 31, 2017			
	1 year or less	1-5 years	After 5 years	Total
	(Dollars in thousands)			
One-to-four family residential real estate loans	\$ 18,405	\$ 57,665	\$ 60,145	\$ 136,215
Construction and land loans	16,410	2,166	780	19,356
Commercial real estate loans	17,403	47,488	55,733	120,624
Commercial loans	38,611	11,760	4,220	54,591
Agriculture loans	42,511	19,098	21,399	83,008
Municipal loans	299	1,132	1,965	3,396
Consumer loans	3,437	5,723	12,886	22,046
Total gross loans	\$ 137,076	\$ 145,032	\$ 157,128	\$ 439,236

The following table sets forth the dollar amount of all loans that mature after one year and whether such loans had fixed interest rates or adjustable interest rates:

	As of December 31, 2017		
	Fixed	Adjustable	Total
	(Dollars in thousands)		
One-to-four family residential real estate loans	\$ 71,011	\$ 46,799	\$ 117,810
Construction and land loans	1,013	1,933	2,946
Commercial real estate loans	18,394	84,827	103,221
Commercial loans	8,942	7,038	15,980
Agriculture loans	18,887	21,610	40,497
Municipal loans	3,097	-	3,097
Consumer loans	2,463	16,146	18,609
Total gross loans	<u>\$ 123,807</u>	<u>\$ 178,353</u>	<u>\$ 302,160</u>

Non-performing Assets. The following table sets forth information with respect to non-performing assets, including non-accrual loans and real estate acquired through foreclosure or by deed in lieu of foreclosure (“real estate owned”). The accrual of interest on non-performing loans is discontinued at the time the loan is ninety days delinquent, unless the credit is well secured and in process of collection. Loans are placed on non-accrual or are charged off at an earlier date if collection of principal or interest is considered doubtful. Under the original terms of the Company’s non-accrual loans as of December 31, 2017, interest earned on such loans for the years ended December 31, 2017, 2016 and 2015 would have increased interest income by \$185,000, \$75,000 and \$99,000, respectively, if included in the Company’s interest income for those years. No interest income related to non-accrual loans was included in interest income for the years ended December 31, 2017, 2016 and 2015.

	As of December 31,				
	2017	2016	2015	2014	2013
	(Dollars in thousands)				
Non-accrual loans	\$ 6,041	\$ 2,746	\$ 2,168	\$ 6,046	\$ 9,836
Accruing loans over 90 days past due	-	-	-	-	-
Non-performing investments	-	-	-	-	-
Real estate owned, net	436	1,279	1,000	255	400
Non-performing assets	<u>\$ 6,477</u>	<u>\$ 4,025</u>	<u>\$ 3,168</u>	<u>\$ 6,301</u>	<u>\$10,236</u>
Performing TDRs	\$ 3,719	\$ 3,983	\$ 4,669	\$ 4,657	\$ 6,920
Non-performing loans to total gross loans	1.38%	0.64%	0.51%	1.44%	2.35%
Non-performing assets to total assets	0.70%	0.44%	0.36%	0.73%	1.24%
Allowance for loan losses to non-performing loans	90.37%	194.61%	273.15%	87.99%	56.32%

The increase in non-accrual loans as of December 31, 2017 compared to December 31, 2016 was primarily related to a \$3.6 million loan relationship consisting of \$1.8 million in commercial loans and a \$1.8 million commercial real estate loan. The increase in non-accrual loans as of December 31, 2016 compared to December 31, 2015 was primarily driven by higher levels of non-performing agriculture loans. The decrease in non-accrual loans as of December 31, 2015 compared to December 31, 2014 was primarily the result of a \$2.0 million commercial real estate loan that returned to accrual status, the payoff of a \$1.6 million land loan relationship and transfers to real estate owned. The decrease in non-accrual loans as of December 31, 2014 compared to December 31, 2013 was principally associated with a \$4.0 million commercial loan relationship which was placed on non-accrual status in 2013 as the performance of the business deteriorated and the borrower agreed to sell the business. The business was liquidated in 2014 and resulted in a charge-off of \$755,000, and the Bank received \$3.2 million as a payoff for the credit.

At December 31, 2017, the \$436,000 of real estate owned primarily consisted of several residential real estate properties and one commercial real estate property. The decrease in real estate owned as of December 31, 2017 compared to December 31, 2016 was principally associated with the sale of residential real estate properties. The increase in real estate owned as of December 31, 2016 and 2015 compared to December 31, 2014 was principally associated with obtaining the collateral securing a non-performing loan relationship. The decline in real estate owned as of December 31, 2014 compared to December 31, 2013 was principally associated with the sale of residential real estate properties.

As part of the Company's credit risk management, the Company continues to aggressively manage the loan portfolio to identify problem loans and has placed additional emphasis on its commercial real estate relationships. As discussed in more detail in the "Asset Quality and Distribution" section of Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations," as of December 31, 2017, the Company concluded its allowance for loan losses was adequate based on the evaluation of the loan portfolio's probable incurred losses.

IV. Summary of Loan Loss Experience

The following table sets forth information with respect to the Company's allowance for loan losses at the dates and for the periods indicated:

	As of and for the years ended December 31,				
	2017	2016	2015	2014	2013
	(Dollars in thousands)				
Balances at beginning of year	\$ 5,344	\$ 5,922	\$ 5,320	\$ 5,540	\$ 4,581
Provision for loan losses	450	500	(700)	600	800
Charge-offs:					
One-to-four family residential real estate loans	(37)	(14)	(57)	(29)	(93)
Construction and land loans	-	-	-	-	(53)
Commercial real estate loans	(71)	-	(13)	-	(11)
Commercial loans	-	(306)	(78)	(783)	(200)
Agriculture loans	(45)	(375)	-	-	-
Municipal loans	-	-	(88)	-	(65)
Consumer loans	(335)	(471)	(318)	(237)	(194)
Total charge-offs	<u>(488)</u>	<u>(1,166)</u>	<u>(554)</u>	<u>(1,049)</u>	<u>(616)</u>
Recoveries:					
One-to-four family residential real estate loans	11	9	10	12	202
Construction and land loans	-	-	1,722	166	523
Commercial real estate loans	-	-	2	4	-
Commercial loans	20	34	15	2	20
Agriculture loans	1	-	73	-	-
Municipal loans	37	6	-	-	-
Consumer loans	84	39	34	45	30
Total recoveries	<u>153</u>	<u>88</u>	<u>1,856</u>	<u>229</u>	<u>775</u>
Net (charge-offs) recoveries	<u>(335)</u>	<u>(1,078)</u>	<u>1,302</u>	<u>(820)</u>	<u>159</u>
Balances at end of year	<u>\$ 5,459</u>	<u>\$ 5,344</u>	<u>\$ 5,922</u>	<u>\$ 5,320</u>	<u>\$ 5,540</u>
Allowance for loan losses to total gross loans	1.24%	1.26%	1.39%	1.26%	1.32%
Net loans charged off (recovered) to average net loans	0.08%	0.25%	(0.31%)	0.20%	(0.05%)

The Company recorded net loan charge-offs of \$335,000 during 2017 compared to \$1.1 million during 2016. There were no significant loan charge-offs recorded during 2017. The Company recorded net loan charge-offs of \$1.1 million during 2016, which were primarily related to an agriculture loan relationship which was subject to trouble debt restructuring ("TDR") and the liquidation of the assets securing an impaired commercial loan relationship. We recorded net loan recoveries of \$1.3 million during 2015, which were primarily associated with the recovery of \$1.7 million on a \$4.3 million construction loan which was fully charged-off during 2010 and 2011. As of December 31, 2017, we have

recovered approximately \$2.4 million of the loan, and the Company continues to pursue collection of the remaining amount. During 2014, we had net loan charge-offs of \$820,000. The charge-offs were primarily associated with a previously identified and impaired \$4.0 million commercial loan relationship. During 2013, we had net loan recoveries of \$159,000, which were primarily associated with the \$4.3 million construction loan noted above and recoveries on the payoff of a one-to-four family residential real estate loan which had been partially charged-off as part of a TDR in 2010.

The distribution of the Company's allowance for losses on loans at the dates indicated and the percent of loans in each category to total loans is summarized in the following table. This allocation reflects management's judgment as to risks inherent in the types of loans indicated, but in general the Company's total allowance for loan losses included in the table is not restricted and is available to absorb all loan losses. The amount allocated in the following table to any category should not be interpreted as an indication of expected actual charge-offs in that category.

	As of December 31,									
	2017		2016		2015		2014		2013	
	Amount	% Loan type to total loans	Amount	% Loan type to total loans	Amount	% Loan type to total loans	Amount	% Loan type to total loans	Amount	% Loan type to total loans
(Dollars in thousands)										
One-to-four family residential real estate loans	\$ 542	31.0%	\$ 504	32.1%	\$ 925	31.0%	\$ 755	30.3%	\$ 732	29.8%
Construction and land loans	181	4.4%	53	3.2%	77	3.5%	762	5.2%	1,343	5.7%
Commercial real estate loans	1,540	27.5%	1,777	27.8%	1,740	27.9%	1,832	28.1%	1,970	28.5%
Commercial loans	1,226	12.4%	1,119	12.8%	1,530	14.4%	836	14.2%	769	14.6%
Agriculture loans	1,812	18.9%	1,684	18.4%	1,428	16.7%	915	15.3%	545	14.9%
Municipal loans	8	0.8%	12	0.9%	23	1.8%	51	2.1%	47	2.1%
Consumer loans	150	5.0%	195	4.8%	199	4.7%	169	4.8%	134	4.4%
Total	\$ 5,459	100.0%	\$ 5,344	100.0%	\$ 5,922	100.0%	\$ 5,320	100.0%	\$ 5,540	100.0%

In 2015, the Company adjusted the historical loss analysis within the evaluation of the allowance for loan losses. The Company previously used a twelve quarter historical loss rate calculated by loan class. The updated historical loss analysis uses a migration analysis to track historical losses by loan class and risk categories over a longer period of time. In the opinion of management, the adjusted historical loss analysis more accurately allocates estimated losses. The adjustments resulted in reclassifications of the allocated allowance among various loan classes. The adjustments to the historical loss analysis did not have a significant impact on the total allowance for loan losses.

The increase in the allocation of the allowance for loan losses on our one-to-four family residential real estate loans as of December 31, 2017 compared to December 31, 2016 was primarily related to the increase in specific allowances related to impaired loans. The decrease in the allocation of the allowance for loan losses on our one-to-four family residential real estate loans as of December 31, 2016 compared to December 31, 2015 was primarily related to continued improvements in the housing market which contributed to lower qualitative adjustments in our analysis. The increase in the allocation for loan losses on our one-to-four family residential real estate loans as of December 31, 2015 compared to December 31, 2014 was primarily related to an increase in outstanding loan balances while the increase as of December 31, 2014 compared to December 31, 2013 was primarily related to the increase in specific allowances related to impaired loans.

The allocation of the allowance for loan losses on construction and land increased as of December 31, 2017 compared to December 31, 2016 due to higher outstanding loan balances. The allocation of the allowance for loan losses on construction and land decreased as of December 31, 2016 and 2015 compared to previous year due to lower outstanding loan balances. The allocation of the allowance for loan losses on construction and land loans decreased as of December 31, 2014 compared to December 31, 2013 primarily due to a decrease in the specific allowance related to an impaired land loan and a decrease in outstanding loan balances.

The allocation of the allowance for loan losses on commercial real estate loans decreased as of December 31, 2017 compared to December 31, 2016 due to continued improvements in the commercial real estate market which contributed to lower qualitative adjustments in our analysis. The allocation of the allowance for loan losses on commercial real estate loans increased as of December 31, 2016 compared to December 31, 2015 primarily as a result of the increase in specific allowances related to impaired loans. The allocation of the allowance for loan losses on commercial real estate loans

decreased as of December 31, 2015 compared to December 31, 2014 and as of December 31, 2014 compared to December 31, 2013 primarily as a result of the decrease in specific allowances related to impaired loans.

The increase in the allocation of the allowance for loan losses on our commercial loans as of December 31, 2017 compared to December 31, 2016 was primarily related to the increase in specific allowances related to impaired loans. The allocation of the allowance for loan losses on commercial loans decreased as of December 31, 2016 compared to December 31, 2015 primarily due to a decrease in outstanding loan balances. The increase in the allocation of the allowance for loan losses on commercial loans as of December 31, 2015 and 2014, compared to previous years was related primarily to increased historical charge-offs, specific allowances on impaired loans and management's judgment to increase the risk factors.

The increase in the allocation of the allowance for loan losses on agriculture loans as of December 31, 2017, 2016, 2015 and 2014 compared to prior years was primarily due to higher loan balances and management's judgment to increase the risk factors. The allowance for loan losses is discussed in more detail in the "Asset Quality and Distribution" section of Item 7, "Management's Discussion and Analysis of Financial Condition and Results of Operations." As of December 31, 2017, we believed the Company's allowance for loan losses continued to be adequate based on the Company's evaluation of the loan portfolio's probable incurred losses.

V. Deposits

The following table presents the average deposit balances and the average rate paid on those balances for the years indicated:

(Dollars in thousands)

	Years ended December 31,					
	2017		2016		2015	
	Average Balance	Average Rate	Average Balance	Average Rate	Average Balance	Average Rate
Non-interest bearing demand	\$162,485	-	\$154,487	-	\$145,715	-
Money market and checking	359,661	0.26%	330,252	0.14%	321,184	0.10%
Savings accounts	93,443	0.03%	86,538	0.03%	78,791	0.03%
Time	132,816	0.45%	144,678	0.45%	158,172	0.47%
Total	<u>\$748,405</u>		<u>\$715,955</u>		<u>\$703,862</u>	

The following table presents the maturities of jumbo time deposits (amounts of \$100,000 or more).

(Dollars in thousands)

	As of December 31,	
	2017	2016
Three months or less	\$ 15,068	\$ 20,800
Over three months through six months	10,631	11,149
Over six months through 12 months	9,660	10,191
Over 12 months	11,433	9,672
Total	<u>\$ 46,792</u>	<u>\$ 51,812</u>

VI. Return on Equity and Assets

The following table presents information on return on average equity, return on average assets, equity to total assets and our dividend payout ratio.

	As of or for the years ended December 31,		
	2017	2016	2015
Return on average assets	0.47%	1.00%	1.21%
Return on average equity	4.98%	10.34%	13.81%
Equity to total assets	9.43%	9.32%	9.17%
Dividend payout ratio	71.89%	32.90%	24.87%

VII. Short-term Borrowings

Information on short-term borrowings is excluded as the average balances of each category of short-term borrowings was less than 30 percent of stockholders' equity at December 31, 2017, 2016 and 2015.

ITEM 1A. RISK FACTORS

An investment in our securities is subject to certain risks inherent in our business. Before making an investment decision, you should carefully consider the risks and uncertainties described below together with all of the other information included in this report. In addition to the risks and uncertainties described below, other risks and uncertainties not currently known to us or that we currently deem to be immaterial also may materially and adversely affect our business, financial condition and results of operations. The value or market price of our securities could decline due to any of these identified or other risks, and you could lose all or part of your investment.

We must effectively manage our credit risk.

There are risks inherent in making any loan, including risks inherent in dealing with individual borrowers, risks of nonpayment, risks resulting from uncertainties as to the future value of collateral and risks resulting from changes in economic and industry conditions. We attempt to minimize our credit risk through prudent loan application approval procedures, careful monitoring of the concentration of our loans within specific industries and periodic independent reviews of outstanding loans by our credit review department. However, we cannot assure you that such approval and monitoring procedures will reduce these credit risks.

Most of our loans are commercial, real estate, or agriculture loans, each of which is subject to distinct types of risk. To reduce the lending risks we face, we generally take a security interest in borrowers' property for all three types of loans. In addition, we sell certain residential real estate loans to third parties. Nevertheless, the risk of non-payment is inherent in all three types of loans and if we are unable to collect amounts owed, it may materially affect our operations and financial performance. For a more complete discussion of our lending activities see Item 1 of this Annual Report on Form 10-K.

Our business is subject to domestic and, to a lesser extent, international economic conditions and other factors, many of which are beyond our control and could materially and adversely affect us.

Our financial performance generally, and in particular the ability of customers to pay interest on and repay principal of outstanding loans and the value of collateral securing those loans, as well as demand for loans and other products and services we offer, is highly dependent upon the business environment not only in the markets where we operate, but also in the state of Kansas generally and in the United States as a whole. A favorable business environment is generally characterized by, among other factors: economic growth; efficient capital markets; low inflation; low unemployment; high business and investor confidence; and strong business earnings. Unfavorable or uncertain economic and market conditions can be caused by: declines in economic growth, business activity or investor or business confidence; limitations on the availability or increases in the cost of credit and capital; increases in inflation or interest rates; high unemployment; natural disasters; or a combination of these or other factors.

Economic conditions in the state of Kansas have recently been impacted by a decline in commodity prices. This decline has adversely impacted the Kansas economy, specifically the agriculture sector. A continuation of these conditions could materially and adversely affect us.

Our allowance for loan losses may prove to be insufficient to absorb losses in our loan portfolio.

We maintain our allowance for loan losses at a level considered appropriate by management to absorb probable incurred loan losses in the portfolio. Additionally, our Board of Directors regularly monitors the appropriateness of our allowance for loan losses. The allowance is also subject to regulatory examinations and a determination by the regulatory agencies as to the appropriate level of the allowance. The amount of future loan losses is susceptible to changes in economic, operating and other conditions, including changes in interest rates and the value of the underlying collateral, which may be beyond our control, and such losses may exceed current estimates. At December 31, 2017 and 2016 our allowance for loan losses as a percentage of total loans was 1.24% and 1.26%, respectively, and as a percentage of total non-performing loans was 90.37% and 194.61%, respectively. Although management believes that the allowance for loan losses is appropriate to absorb probable incurred losses on any existing loans that may become uncollectible, we cannot predict loan losses with certainty nor can we assure you that our allowance for loan losses will prove sufficient to cover

actual loan losses in the future. Loan losses in excess of our reserves will adversely affect our business, financial condition and results of operations.

Our concentration of one-to-four family residential mortgage loans may result in lower yields and profitability.

One-to-four family residential mortgage loans comprised \$136.2 million and \$136.8 million, or 31.0% and 32.1%, of our loan portfolio at December 31, 2017 and 2016, respectively. These loans are secured primarily by properties located in the state of Kansas. Our concentration of these loans results in lower yields relative to other loan categories within our loan portfolio. While these loans generally possess higher yields than investment securities, their repayment characteristics are not as well defined and they generally possess a higher degree of interest rate risk versus other loans and investment securities within our portfolio. This increased interest rate risk is due to the repayment and prepayment options inherent in residential mortgage loans which are exercised by borrowers based upon the overall level of interest rates. These residential mortgage loans are generally made on the basis of the borrower's ability to make repayments from his or her employment and the value of the property securing the loan. Thus, as a result, repayment of these loans is also subject to general economic and employment conditions within the communities and surrounding areas where the property is located.

A decline in residential real estate market prices or home sales has the potential to adversely affect our one-to-four family residential mortgage portfolio in several ways, each of which could adversely affect our operating results and/or financial condition.

Our loan portfolio has a large concentration of real estate loans, which involve risks specific to real estate value.

Real estate lending (including commercial real estate, construction and land and residential real estate) is a large portion of our loan portfolio. These categories were \$276.2 million, or approximately 62.9% of our total loan portfolio, as of December 31, 2017, as compared to \$268.8 million, or approximately 63.1% of our total loan portfolio, as of December 31, 2016. The market value of real estate can fluctuate significantly in a short period of time as a result of market conditions in the geographic area in which the real estate is located. Although a significant portion of such loans are secured by a secondary form of collateral, adverse developments affecting real estate values in one or more of our markets could increase the credit risk associated with our loan portfolio. Additionally, real estate lending typically involves higher loan principal amounts and the repayment of the loans generally is dependent, in large part, on sufficient income from the properties securing the loans to cover operating expenses and debt service. Economic events or governmental regulations outside of the control of the borrower or lender could negatively impact the future cash flow and market values of the affected properties.

If the loans that are collateralized by real estate become troubled during a time when market conditions are declining or have declined, then we may not be able to realize the amount of security that we anticipated at the time of originating the loan, which could cause us to increase our provision for loan losses and adversely affect our operating results and financial condition. In light of the uncertainty that exists in the economy and credit markets nationally, there can be no guarantee that we will not experience additional deterioration in credit performance by our real estate loan customers.

The Bank may be required to repurchase mortgage loans in some circumstances, which could harm our liquidity, results of operations and financial condition.

When the Bank sells mortgage loans, we are required to make certain representations and warranties to the purchaser about the loans and the manner in which they were originated. Our sales agreements require us to repurchase mortgage loans in the event of a breach of any of these representations or warranties. In addition, we may be required to repurchase mortgage loans as a result of borrower fraud or in the event of early payment default of the borrower on a mortgage loan. We were not required to repurchase any loans in 2017. In 2016, we were obligated to repurchase two loans. If repurchase and indemnity demands increase, our liquidity, results of operations and financial condition will be adversely affected.

Commercial loans make up a significant portion of our loan portfolio.

Commercial loans comprised \$54.6 million and \$54.5 million, or 12.4% and 12.8%, of our loan portfolio at December 31, 2017 and 2016, respectively. Our commercial loans are made based primarily on the identified cash flow of the borrower and secondarily on the underlying collateral provided by the borrower. Most often, this collateral is accounts receivable, inventory, or machinery. Credit support provided by the borrower for most of these loans and the probability of repayment is based on the liquidation of the pledged collateral and enforcement of a personal guarantee, if any exists. As a result, 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. The collateral securing other loans may depreciate over time, may be difficult to appraise and may fluctuate in value based on the success of the business. Due to the larger average size of each commercial loan as compared with other loans such as residential loans, as well as collateral that is generally less readily marketable, losses incurred on a small number of commercial loans could have a material adverse impact on our financial condition and results of operations.

Our agriculture loans involve a greater degree of risk than other loans, and the ability of the borrower to repay may be affected by many factors outside of the borrower's control.

Agriculture operating loans comprised \$46.3 million and \$45.4 million, or 10.5% and 10.7%, of our loan portfolio at December 31, 2017 and 2016, respectively. The repayment of agriculture operating loans is dependent on the successful operation or management of the farm property. Likewise, agricultural operating loans involve a greater degree of risk than lending on residential properties, particularly in the case of loans that are unsecured or secured by rapidly depreciating assets such as farm equipment, livestock or crops. We generally secure agricultural operating loans with a blanket lien on livestock, equipment, food, hay, grain and crops. Nevertheless, any repossessed collateral for a defaulted loan may not provide an adequate source of repayment of the outstanding loan balance as a result of the greater likelihood of damage, loss or depreciation.

We also originate agriculture real estate loans. At December 31, 2017 and 2016, agricultural real estate loans totaled \$36.7 million and \$32.9 million, or 8.4% and 7.7% of our total loan portfolio, respectively. Agricultural real estate lending involves a greater degree of risk and typically involves larger loans to single borrowers than lending on single-family residences. As with agriculture operating loans, payments on agricultural real estate loans are dependent on the profitable operation or management of the farm property securing the loan. The success of the farm may be affected by many factors outside the control of the farm borrower, including adverse weather conditions that prevent the planting of a crop or limit crop yields (such as hail, drought and floods), loss of livestock due to disease or other factors, declines in market prices for agricultural products (both domestically and internationally) and the impact of government regulations (including changes in price supports, subsidies and environmental regulations). In addition, many farms are dependent on a limited number of key individuals whose injury or death may significantly affect the successful operation of the farm. If the cash flow from a farming operation is diminished, the borrower's ability to repay the loan may be impaired. The primary crops in our market areas are wheat, corn and soybean. Accordingly, adverse circumstances affecting wheat, corn and soybean crops could have an adverse effect on our agricultural real estate loan portfolio.

Our business is concentrated in and dependent upon the continued growth and welfare of the markets in which we operate, including eastern, central, southeast and southwest Kansas.

We operate primarily in eastern, central, southeast and southwest Kansas, and as a result, our financial condition, results of operations and cash flows are subject to changes in the economic conditions in those areas. Although each market we operate in is geographically and economically diverse, our success depends upon the business activity, population, income levels, deposits and real estate activity in each of these markets. Although our customers' business and financial interests may extend well beyond our market area, adverse economic conditions that affect our specific market area could reduce our growth rate, affect the ability of our customers to repay their loans to us and generally affect our financial condition and results of operations. Because of our geographic concentration, we are less able than other regional or national financial institutions to diversify our credit risks across multiple markets.

Monetary policies and regulations of the Federal Reserve could adversely affect our business, financial condition and results of operations.

In addition to being affected by general economic conditions, our earnings and growth are affected by the policies of the Federal Reserve. An important function of the Federal Reserve is to regulate the money supply and credit conditions. Among the instruments used by the Federal Reserve to implement these objectives are open market operations in U.S. government securities, adjustments of the discount rate and changes in reserve requirements against bank deposits. These instruments are used in varying combinations to influence overall economic growth and the distribution of credit, bank loans, investments and deposits. Their use also affects interest rates charged on loans or paid on deposits.

The monetary policies and regulations of the Federal Reserve have had a significant effect on the operating results of commercial banks in the past and are expected to continue to do so in the future. The effects of such policies upon our business, financial condition and results of operations cannot be predicted.

Legislative and regulatory reforms applicable to the financial services industry may have a significant impact on our business, financial condition and results of operations.

The laws, regulations, rules, policies and regulatory interpretations governing us are constantly evolving and may change significantly over time as Congress and various regulatory agencies react to adverse economic conditions or other matters. The global financial crisis of 2008–09 served as a catalyst for a number of significant changes in the financial services industry, including the Dodd-Frank Act, which reformed the regulation of financial institutions in a comprehensive manner, and the Basel III Rule, which increased both the amount and quality of capital that financial institutions must hold.

The implementation of these provisions, as well as any other aspects of current, proposed or future regulatory or legislative changes to laws applicable to the financial industry, may impact the profitability of our business activities and may change certain of our business practices, including the ability to offer new products, obtain financing, attract deposits, make loans, and achieve satisfactory interest spreads, and could expose us to additional costs, including increased compliance costs.

The financial services industry, as well as the broader economy, may be subject to new legislation, regulation, and government policy.

At this time, it is difficult to predict the legislative and regulatory changes that will occur in the future, especially as lawmakers have advocated for significant reduction of financial services regulation, including amendments to the Dodd-Frank Act and structural changes to the CFPB. The current presidential administration and Congress also may cause broader economic changes due to changes in governing ideology and governing style. New appointments to the Federal Reserve could affect monetary policy and interest rates, and changes in fiscal policy could affect broader patterns of trade and economic growth. Future legislation, regulation, and government policy could affect the banking industry as a whole, including our business and results of operations, in ways that are difficult to predict. In addition, our results of operations also could be adversely affected by changes in the way in which existing statutes and regulations are interpreted or applied by courts and government agencies.

We may experience difficulties in managing our growth, and our growth strategy involves risks that may negatively impact our net income.

As part of our general strategy, we may acquire banks, branches and related businesses that we believe provide a strategic fit with our business. In the past, we have acquired a number of local banks and branches, and, to the extent that we grow through future acquisitions, we cannot assure you that we will be able to adequately and profitably manage this growth. Acquiring other banks and businesses will involve risks commonly associated with acquisitions, including:

- potential exposure to unknown or contingent liabilities of banks and businesses we acquire;
- exposure to potential asset quality issues of the acquired bank or related business;
- difficulty and expense of integrating the operations and personnel of banks and businesses we acquire;
- potential disruption to our business;
- potential diversion of our management’s time and attention; and

- the possible loss of key employees and customers of the banks and businesses we acquire.

In addition to acquisitions, we may expand into additional communities or attempt to strengthen our position in our current markets by undertaking additional branch openings. We believe that it generally takes several years for new banking facilities to first achieve operational profitability, due to the impact of organization and overhead expenses and the start-up phase of generating loans and deposits. To the extent that we undertake additional branch openings, we are likely to experience the effects of higher operating expenses relative to operating income from the new operations, which may have an adverse effect on our levels of reported net income, return on average equity and return on average assets.

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

The banking and financial services business in our market 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 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. 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 grow and remain profitable. 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 much larger in total assets and capitalization, have greater access to capital markets and offer a broader range of financial services than we can offer.

Consumers and businesses are increasingly using non-banks to complete their financial transactions, which could adversely affect our business and results of operations.

Technology and other changes are allowing consumers and businesses to complete financial transactions that historically have involved banks through alternative methods. For example, 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. Customers can now maintain funds in prepaid debit cards or digital currencies, and pay bills and transfer funds directly without the direct assistance of banks. The diminishing role of banks as financial intermediaries has resulted and could continue to result in the loss of fee income, as well as the loss of customer deposits and the related income generated from those deposits. The loss of these revenue streams and the potential loss of lower cost deposits as a source of funds could have a material adverse effect on our business, financial condition and results of operations.

Interest rates and other conditions impact our results of operations.

Our profitability is in part a function of the spread between the interest rates earned on investments and loans and the interest rates paid on deposits and other interest-bearing liabilities. Like most banking institutions, our net interest spread and margin will be affected by general economic conditions and other factors, including fiscal and monetary policies of the federal government that influence market interest rates and our ability to respond to changes in such rates. At any given time, our assets and liabilities will be such that they are affected differently by a given change in interest rates. As a result, an increase or decrease in rates, the length of loan terms or the mix of adjustable and fixed rate loans in our portfolio could have a positive or negative effect on our net income, capital and liquidity. We measure interest rate risk under various rate scenarios and using specific criteria and assumptions. A summary of this process, along with the results of our net interest income simulations is presented in the section entitled Item 7A. "Quantitative and Qualitative Disclosures About Market Risk." Although we believe our current level of interest rate sensitivity is reasonable and effectively managed, significant fluctuations in interest rates may have an adverse effect on our business, financial condition and results of operations.

Changes in interest rates also can affect the value of loans, securities and other assets. An increase in interest rates that adversely affects the ability of borrowers to pay the principal or interest on loans may lead to an increase in non-performing assets and a reduction of income recognized, which could have a material adverse effect on our results of operations and cash flows. Further, when we place a loan on nonaccrual status, we reverse any accrued but unpaid interest

receivable, which decreases interest income. Subsequently, we continue to have a cost to fund the loan, which is reflected as interest expense, without any interest income to offset the associated funding expense. Thus, an increase in the amount of non-performing assets would have an adverse impact on net interest income.

Rising interest rates will result in a decline in value of our fixed-rate debt securities. The unrealized losses resulting from holding these securities would be recognized in other comprehensive income and reduce total stockholders' equity. Unrealized losses do not negatively impact our regulatory capital ratios; however, tangible common equity and the associated ratios would be reduced. If debt securities in an unrealized loss position are sold, such losses become realized and will reduce our regulatory capital ratios.

Declines in value may adversely impact the carrying amount of our investment portfolio and result in other-than-temporary impairment charges.

We may be required to record impairment charges on our investment securities if they suffer declines in value that are considered other-than-temporary. If the credit quality of the securities in our investment portfolio deteriorates, we may also experience a loss in interest income from the suspension of either interest or dividend payments. Numerous factors, including lack of liquidity for resales of certain investment securities, absence of reliable pricing information for investment securities, adverse changes in business climate or adverse actions by regulators could have a negative effect on our investment portfolio in future periods.

Downgrades in the credit rating of one or more insurers that provide credit enhancement for our state and municipal securities portfolio may have an adverse impact on the market for and valuation of these types of securities.

We invest in tax-exempt state and local municipal investment securities, some of which are insured by monoline insurers. As of December 31, 2017, we had \$242.7 million of municipal securities, which represented 62.6% of our total securities portfolio. With the economic crisis that began to unfold in 2008, several of these insurers came under scrutiny by rating agencies. Even though management generally purchases municipal securities on the overall credit strength of the issuer, the reduction in the credit rating of an insurer may negatively impact the market for and valuation of our investment securities. Such downgrade could adversely affect our liquidity, financial condition and results of operations.

Non-performing assets take significant time to resolve and adversely affect our results of operations and financial condition, and could result in further losses in the future.

As of December 31, 2017, our non-performing loans (which consist of non-accrual loans and loans past due 90 days or more and still accruing interest) totaled \$6.0 million, or 1.38% of our loan portfolio, and our non-performing assets (which include non-performing loans plus real estate owned) totaled \$6.5 million, or 0.70% of total assets. In addition, we had \$1.2 million in accruing loans that were 30-89 days delinquent as of December 31, 2017.

Our non-performing assets adversely affect our net income in various ways. We do not record interest income on non-accrual loans or other real estate owned, thereby adversely affecting our net income and returns on assets and equity, increasing our loan administration costs and adversely affecting our efficiency ratio. When we take collateral in foreclosure and similar proceedings, we are required to mark the collateral to its then-fair market value, which may result in a loss. These non-performing loans and other real estate owned also increase our risk profile and the capital our regulators believe is appropriate in light of such risks. The resolution of non-performing assets requires significant time commitments from management and can be detrimental to the performance of their other responsibilities. If we experience increases in non-performing loans and non-performing assets, our net interest income may be negatively impacted and our loan administration costs could increase, each of which could have an adverse effect on our net income and related ratios, such as return on assets and equity.

Our growth or future losses may require us to raise additional capital in the future, but that capital may not be available when it is needed.

We are required by federal and state regulatory authorities to maintain adequate levels of capital to support our operations, and those requirements became more onerous with the implementation of the Basel III Rule. We anticipate that our existing capital resources will satisfy our capital requirements for the foreseeable future. However, we may at some point need to raise additional capital to support continuing growth. Our ability to raise additional capital is particularly important to our strategy of continual growth through acquisitions. Our ability to raise additional capital depends on conditions in the capital markets, economic conditions and a number of other factors, including investor perceptions regarding the banking industry, market conditions and governmental activities, and on our financial condition and performance. Accordingly, we cannot assure you of our ability to raise additional capital if needed on terms acceptable to us. If we cannot raise additional capital when needed, our ability to further expand our operations through internal growth and acquisitions could be materially impaired.

Attractive acquisition opportunities may not be available to us in the future.

We expect that other banking and financial service companies, many of which have significantly greater resources than us, will compete with us in acquiring other financial institutions if we pursue such acquisitions. This competition could increase prices for potential acquisitions that we believe are attractive. Also, acquisitions are subject to various regulatory approvals. If we fail to receive the appropriate regulatory approvals, we will not be able to consummate an acquisition that we believe is in our best interests. Among other things, our regulators consider our capital, liquidity, profitability, regulatory compliance and levels of goodwill and intangibles when considering acquisition and expansion proposals. Any acquisition could be dilutive to our earnings and stockholders' equity per share of our common stock.

Our community banking strategy relies heavily on our management team, and the unexpected loss of key managers may adversely affect our operations.

Much of our success to date has been influenced strongly by our ability to attract and to retain senior management experienced in banking and financial services and familiar with the communities in our market area. Our ability to retain executive officers, the current management teams, branch managers and loan officers of our operating subsidiaries will continue to be important to the successful implementation of our strategy. It is also critical, as we grow, to be able to attract and retain qualified additional management and loan officers with the appropriate level of experience and knowledge about our market area to implement our community-based operating strategy. The unexpected loss of services of any key management personnel, or the inability to recruit and retain qualified personnel in the future, could have an adverse effect on our business, financial condition and results of operations.

We have a continuing need for technological change and we may not have the resources to effectively implement new technology.

The financial services industry continues to undergo rapid technological changes with frequent introductions of new technology-driven products and services. In addition to better serving customers, the effective use of technology increases efficiency as well as enables financial institutions to reduce costs. Our future success will depend 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 for convenience as well as to create additional efficiencies in our operations as we continue to grow and expand our market area. Many of our larger competitors have substantially greater resources to invest in technological improvements. As a result, they may be able to offer additional or superior products to those that we will be able to offer, which would put us at a competitive disadvantage. Accordingly, we cannot provide you with assurance that we will be able to effectively implement new technology-driven products and services or be successful in marketing such products and services to our customers.

The occurrence of fraudulent activity, breaches or failures of our information security controls or cybersecurity-related incidents could have a material adverse effect on our business, financial condition, results of operations and growth prospects.

As a bank, we are susceptible to fraudulent activity, information security breaches and cybersecurity-related incidents that may be committed against us or our clients, which may result in financial losses or increased costs to us or our clients, disclosure or misuse of our information or our client information, misappropriation of assets, privacy breaches against our clients, litigation or damage to our reputation. Such fraudulent activity may take many forms, including check fraud, electronic fraud, wire fraud, phishing, social engineering and other dishonest acts. Information security breaches and cybersecurity-related incidents may include fraudulent or unauthorized access to systems used by us or our clients, denial or degradation of service attacks and malware or other cyber-attacks.

In recent periods, there continues to be a rise in electronic fraudulent activity, security breaches and cyber-attacks within the financial services industry, especially in the commercial banking sector due to cyber criminals targeting commercial bank accounts. Moreover, in recent periods, several large corporations, including financial institutions and retail companies, have suffered major data breaches, in some cases exposing not only confidential and proprietary corporate information, but also sensitive financial and other personal information of their customers and employees and subjecting them to potential fraudulent activity. Some of our clients may have been affected by these breaches, which could increase their risks of identity theft and other fraudulent activity that could involve their accounts with us.

Information pertaining to us and our clients is maintained, and transactions are executed, on networks and systems maintained by us and certain third party partners, such as our online banking, mobile banking or accounting systems. The secure maintenance and transmission of confidential information, as well as execution of transactions over these systems, are essential to protect us and our clients against fraud and security breaches and to maintain the confidence of our clients. Breaches of information security also may occur through intentional or unintentional acts by those having access to our systems or the confidential information of our clients, including employees. In addition, increases in criminal activity levels and sophistication, advances in computer capabilities, new discoveries, vulnerabilities in third party technologies (including browsers and operating systems) or other developments could result in a compromise or breach of the technology, processes and controls that we use to prevent fraudulent transactions and to protect data about us, our clients and underlying transactions, as well as the technology used by our clients to access our systems. Our third party partners' inability to anticipate, or failure to adequately mitigate, breaches of security could result in a number of negative events, including losses to us or our clients, loss of business or clients, damage to our reputation, the incurrence of additional expenses, disruption to our business, additional regulatory scrutiny or penalties or our exposure to civil litigation and possible financial liability, any of which could have a material adverse effect on our business, financial condition, results of operations and growth prospects.

We depend on information technology and telecommunications systems of third parties, and any systems failures, interruptions or data breaches involving these systems could adversely affect our operations and financial condition.

Our business is highly dependent on the successful and uninterrupted functioning of our information technology and telecommunications systems, third party servicers, accounting systems, mobile and online banking platforms and financial intermediaries. We outsource to third parties many of our major systems, such as data processing and mobile and online banking. The failure of these systems, or the termination of a third party software license or service agreement on which any of these systems is based, could interrupt our operations. Because our information technology and telecommunications systems interface with and depend on third party systems, we could experience service denials if demand for such services exceeds capacity or such third party systems fail or experience interruptions. A system failure or service denial could result in a deterioration of our ability to process loans or gather deposits and provide customer service, compromise our ability to operate effectively, result in potential noncompliance with applicable laws or regulations, damage our reputation, result in a loss of customer business or subject us to additional regulatory scrutiny and possible financial liability, any of which could have a material adverse effect on business, financial condition, results of operations and growth prospects. In addition, failures of third parties to comply with applicable laws and regulations, or fraud or misconduct on the part of employees of any of these third parties, could disrupt our operations or adversely affect our reputation.

It may be difficult for us to replace some of our third party vendors, particularly vendors providing our core banking and information services, in a timely manner if they are unwilling or unable to provide us with these services in the

future for any reason and even if we are able to replace them, it may be at higher cost or result in the loss of customers. Any such events could have a material adverse effect on our business, financial condition, results of operations and growth prospects.

Our operations rely heavily on the secure processing, storage and transmission of information and the monitoring of a large number of transactions on a minute-by-minute basis, and even a short interruption in service could have significant consequences. We also interact with and rely on retailers, for whom we process transactions, as well as financial counterparties and regulators. Each of these third parties may be targets of the same types of fraudulent activity, computer break-ins and other cyber security breaches described above, and the cyber security measures that they maintain to mitigate the risk of such activity may be different than our own and may be inadequate.

As a result of financial entities and technology systems becoming more interdependent and complex, a cyber incident, information breach or loss, or technology failure that compromises the systems or data of one or more financial entities could have a material impact on counterparties or other market participants, including ourselves. As a result of the foregoing, our ability to conduct business may be adversely affected by any significant disruptions to us or to third parties with whom we interact.

We are subject to certain operational risks, including, but not limited to, customer or employee fraud, losses related to our depositors and data processing system failures and errors.

Employee errors and misconduct could subject us to financial losses or regulatory sanctions and seriously harm our reputation. Misconduct by our employees could include hiding unauthorized activities from us, improper or unauthorized activities on behalf of our customers or improper use of confidential information. It is not always possible to prevent employee errors and misconduct, and the precautions we take to prevent and detect this activity may not be effective in all cases. Employee errors could also subject us to financial claims for negligence. We are also subject to losses related to our depositors, whether due to simple errors or mistakes, circumvention of controls, or unauthorized override of controls by our employees, other financial institutions or other third parties.

We maintain a system of internal controls and insurance coverage to mitigate against operational risks, including data processing system failures and errors and customer or employee fraud. Should our internal controls fail to prevent or detect an occurrence, or if any resulting loss is not insured or exceeds applicable insurance limits, it could have a material adverse effect on our business, financial condition and results of operations.

We are subject to changes in accounting principles, policies or guidelines.

Our financial performance is impacted by accounting principles, policies and guidelines. Some of these policies require the use of estimates and assumptions that may affect the value of our assets or liabilities and financial results. Some of our accounting policies are critical because they require management to make difficult, subjective and complex judgments about matters that are inherently uncertain and because it is likely that materially different amounts would be reported under different conditions or using different assumptions. If such estimates or assumptions underlying our financial statements are incorrect, we may experience material losses.

From time to time, the FASB and the SEC change the financial accounting and reporting standards or the interpretation of those standards that govern the preparation of our financial statements. These changes are beyond our control, can be difficult to predict and could materially impact how we report our financial condition and results of operations. Changes in these standards are continuously occurring, and more drastic changes may occur in the future. The implementation of such changes could have a material adverse effect on our financial condition and results of operations.

A new accounting standard may require us to increase our allowance for loan losses and may have a material adverse effect on our financial condition and results of operations.

The FASB has adopted a new accounting standard that will be effective for the Company and the Bank for our first fiscal year after December 15, 2019. This standard, referred to as Current Expected Credit Loss, or CECL, will require financial institutions to determine periodic estimates of lifetime expected credit losses on loans, and recognize the expected credit losses as allowances for loan losses. This will change the current method of providing allowances for loan losses that are probable, which may require us to increase our allowance for loan losses, and to greatly increase the types of data we

will need to collect and review to determine the appropriate level of the allowance for loan losses. Any increase in our allowance for loan losses or expenses incurred to determine the appropriate level of the allowance for loan losses may have a material adverse effect on our financial condition and results of operations.

Our framework for managing risks may not be effective in mitigating risk and loss to us.

Our risk management framework seeks to mitigate risk and loss to us. We have established processes and procedures intended to identify, measure, monitor, report and analyze the types of risk to which we are subject, including liquidity risk, credit risk, market risk, interest rate risk, operational risk, compensation risk, legal and compliance risk, and reputational risk, among others. However, as with any risk management framework, there are inherent limitations to our risk management strategies as there may exist, or develop in the future, risks that we have not appropriately anticipated or identified. Our ability to successfully identify and manage risks facing us is an important factor that can significantly impact our results. If our risk management framework proves ineffective, we could suffer unexpected losses and could be materially adversely affected.

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

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

Our business is affected from time to time by federal and state laws and regulations relating to hazardous substances.

Under the federal Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), owners and operators of properties containing hazardous substances may be liable for the costs of cleaning up the substances. CERCLA and similar state laws can affect us both as an owner of branches and other properties used in our business and as a lender holding a security interest in property which is found to contain hazardous substances. In particular, our leased branch office located in Iola is located on property that has been designated as a "Superfund" site under CERCLA, and we may hold mortgages on properties located in Iola that are also designated as "Superfund" sites. While CERCLA contains an exemption for holders of security interests, the exemption is not available if the holder participates in the management of a property, and some courts have broadly defined what constitutes participation in management of property. Moreover, CERCLA and similar state statutes can affect our decision whether or not to foreclose on a property. Before foreclosing on commercial real estate, our general policy is to obtain an environmental report, thereby increasing the costs of foreclosure. In addition, the existence of hazardous substances on a property securing a troubled loan may cause us to elect not to foreclose on the property, thereby reducing our flexibility in handling the loan.

Financial services companies depend on the accuracy and completeness of information about customers and counterparties.

In deciding whether to extend credit or enter into other transactions, we may rely on information furnished by or on behalf of customers and counterparties, including financial statements, credit reports and other financial information. We may also rely on representations of those customers, counterparties or other third parties, such as independent auditors, as to the accuracy and completeness of that information. Reliance on inaccurate or misleading financial statements, credit reports or other financial information could have a material adverse impact on our business, financial condition 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 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.

There can be no assurances concerning continuing dividend payments.

Our common stockholders are only entitled to receive the dividends declared by our Board of Directors. Although we have historically paid quarterly dividends on our common stock and an annual 5% stock dividend, there can be no assurances that we will be able to continue to pay regular quarterly dividends or an annual stock dividend or that any dividends we do declare will be in any particular amount. The primary source of money to pay our cash dividends comes from dividends paid to the Company by the Bank. The Bank's ability to pay dividends to the Company is subject to, among other things, its earnings, financial condition and applicable regulations, which in some instances limit the amount that may be paid as dividends.

Failure to pay interest on our debt may adversely impact our ability to pay dividends.

Our \$21.5 million of subordinated debentures are held by three business trusts that we control. Interest payments on the debentures must be paid before we pay dividends on our capital stock, including our common stock. We have the right to defer interest payments on the debentures for up to 20 consecutive quarters. However, if we elect to defer interest payments, all deferred interest must be paid before we may pay dividends on our capital stock. Deferral of interest payments could also cause a decline in the market price of our common stock.

There is a limited trading market for our common shares, and you may not be able to resell your shares at or above the price you paid for them.

Although our common shares are listed for trading on the Nasdaq Global Market under the symbol "LARK," the trading in our common shares has substantially less liquidity than many other publicly traded companies. A public trading market having the desired characteristics of depth, liquidity and orderliness depends on the presence in the market of willing buyers and sellers of our common shares at any given time. This presence depends on the individual decisions of investors and general economic and market conditions over which we have no control. We cannot assure you that volume of trading in our common shares will increase in the future.

The stock market can be volatile, and fluctuations in our operating results and other factors could cause our stock price to decline.

The stock market has experienced, and may continue to experience, fluctuations that significantly impact the market prices of securities issued by many companies. Market fluctuations could adversely affect our stock price. These fluctuations have often been unrelated or disproportionate to the operating performance of particular companies. These broad market fluctuations, as well as general economic, systemic, political and market conditions, such as recessions, loss of investor confidence, interest rate changes, or international currency fluctuations, may negatively affect the market price of our common stock. Moreover, our operating results may fluctuate and vary from period to period due to the risk factors set forth herein. As a result, period-to-period comparisons should not be relied upon as an indication of future performance. Our stock price could fluctuate significantly in response to our quarterly or annual results, annual projections and the impact of these risk factors on our operating results or financial position.

ITEM 1B. UNRESOLVED STAFF COMMENTS

None

ITEM 2. PROPERTIES

The Company has 29 offices in 23 communities across Kansas: Manhattan (2), Auburn, Dodge City (2), Fort Scott (2), Garden City, Great Bend (2), Hoisington, Iola, Junction City, Kincaid, LaCrosse, Lawrence (2), Lenexa, Louisburg, Mound City, Osage City, Osawatomie, Overland Park, Paola, Pittsburg, Topeka (2), Wamego and Wellsville, Kansas. The Company owns its main office in Manhattan, Kansas and 26 branch offices and leases two branch offices. The Company leases a branch office in Topeka, and Wamego, Kansas. The Company also leases a parking lot for one of the Dodge City branch offices it owns.

ITEM 3. LEGAL PROCEEDINGS

There are no material pending legal proceedings to which the Company or the Bank is a party or of which any of their property is subject, other than ordinary routine litigation incidental to the Bank's business. While the ultimate outcome of current legal proceedings cannot be predicted with certainty, it is the opinion of management that the resolution of these legal actions should not have a material effect on the Company's consolidated financial position or results of operations.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

PART II.

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

Our common stock has traded on the Nasdaq Global Market under the symbol "LARK" since 2001. At December 31, 2017 the Company had approximately 303 common shareholders of record. Set forth below are the reported high and low sale prices of our common stock and dividends paid during the past two years. Information presented below has been adjusted to give effect to the 5% stock dividends declared in December 2017 and 2016.

<u>Year ended December 31, 2017</u>	<u>High</u>	<u>Low</u>	<u>Cash dividends paid</u>
First Quarter	\$ 30.86	\$ 26.66	\$ 0.1905
Second Quarter	30.45	28.48	\$ 0.1905
Third Quarter	29.60	25.73	\$ 0.1905
Fourth Quarter	29.33	27.10	\$ 0.1905

<u>Year ended December 31, 2016</u>	<u>High</u>	<u>Low</u>	<u>Cash dividends paid</u>
First Quarter	\$ 23.34	\$ 21.59	\$ 0.1814
Second Quarter	23.58	22.50	\$ 0.1814
Third Quarter	24.09	22.72	\$ 0.1814
Fourth Quarter	27.36	23.81	\$ 0.1814

As of December 31, 2017, the Company has paid 65 consecutive quarterly cash dividends since its formation in October 2001. During December 2017, the Company also distributed a 5% stock dividend for the seventeenth consecutive year. Currently the Company does not intend to change its dividend payments from the historical distribution of quarterly cash dividends and annual stock dividends.

The Company's ability to pay dividends is largely dependent upon the dividends it receives from the Bank. The Company and the Bank are subject to regulatory limitations on the amount of cash dividends they may pay. See "Item 1. Business – Supervision and Regulation – Regulation and Supervision of the Company – Dividend Payments" and "Item 1. Business - Supervision and Regulation – Regulation and Supervision the Bank – Dividend Payments" for a more detailed description of these limitations.

In May 2008, our Board of Directors announced the approval of a stock repurchase program permitting us to repurchase up to 113,400 shares, or 5% of our then-outstanding common stock. In December 2017, our Board of Directors reaffirmed the stock repurchase program, permitting us to repurchase up to 108,006 shares of our common stock, which was the amount of shares remaining under the May 2008 stock repurchase program. Unless terminated earlier by resolution of the Board of Directors, the repurchase program will expire when we have repurchased all shares authorized for repurchase thereunder. As of December 31, 2017, there were 108,006 shares remaining to repurchase under the plan. The Company did not repurchase any shares during the year ended December 31, 2017.

ITEM 6. SELECTED FINANCIAL DATA

	At or for the years ended December 31,				
	2017	2016	2015	2014	2013
	(Dollars in thousands, except per share amounts)				
<u>Selected Financial Data:</u>					
Total assets	\$ 929,454	\$ 911,382	\$ 878,376	\$ 863,470	\$ 828,755
Loans, net	433,743	420,461	419,923	416,190	414,016
Investment securities	393,406	390,862	357,935	352,938	305,517
Cash and cash equivalents	16,584	19,996	13,569	12,760	29,735
Deposits	765,558	741,521	714,727	704,555	687,486
Borrowings	66,593	72,867	70,658	76,547	68,744
Stockholders' equity	87,622	84,951	80,570	71,645	62,692
<u>Selected Operating Data:</u>					
Interest income	29,700	29,230	28,997	27,850	22,112
Interest expense	3,585	3,191	3,081	3,186	3,081
Net interest income	26,115	26,039	25,916	24,664	19,031
Provision for loan losses	450	500	(700)	600	800
Net interest income after provision for loan losses	25,665	25,539	26,616	24,064	18,231
Non-interest income	15,231	14,850	17,010	15,071	10,705
Non-interest expense	37,424	29,114	29,206	28,060	23,535
Earnings before income taxes	3,472	11,275	14,420	11,075	5,401
Income tax (benefit) expense	(897)	2,314	3,914	3,026	746
Net earnings	4,369	8,961	10,506	8,049	4,655
Earnings per share (1):					
Basic	1.07	2.24	2.71	2.09	1.24
Diluted	1.06	2.20	2.64	2.06	1.23
Dividends per share (1)	0.76	0.73	0.66	0.63	0.60
Book value per common share outstanding (1)	21.47	20.91	20.70	18.57	16.42
<u>Other Data:</u>					
Return on average assets	0.47%	1.00%	1.21%	0.96%	0.70%
Return on average equity	4.98%	10.34%	13.81%	11.89%	7.33%
Equity to total assets	9.43%	9.32%	9.17%	8.30%	7.56%
Net interest rate spread (2)	3.29%	3.34%	3.42%	0.38%	3.30%
Net interest margin (2)	3.40%	3.45%	3.51%	3.47%	3.40%
Non-performing assets to total assets	0.70%	0.44%	0.36%	0.73%	1.24%
Non-performing loans to total gross loans	1.38%	0.64%	0.51%	1.44%	2.35%
Allowance for loan losses to total gross loans	1.24%	1.26%	1.39%	1.26%	1.32%
Dividend payout ratio	71.89%	32.90%	24.87%	30.25%	48.32%
Number of full service banking offices	29	29	29	29	30

(1) All per share amounts have been adjusted to give effect to the 5% stock dividends paid in December 2017, 2016, 2015, 2014 and 2013.

(2) Presented on a taxable equivalent basis, using a 34% federal tax rate.

Our selected consolidated financial data should be read in conjunction with, and is qualified in its entirety by, our consolidated financial statements, including the related notes.

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

CORPORATE PROFILE AND OVERVIEW

Landmark Bancorp, Inc. is a financial holding company incorporated under the laws of the State of Delaware and is engaged in the banking business through its wholly-owned subsidiary, Landmark National Bank and in the insurance business through its wholly-owned subsidiary, Landmark Risk Management, Inc. The Company is listed on the Nasdaq Global Market under the symbol "LARK." The Bank is dedicated to providing quality financial and banking services to its local communities. Our strategy includes continuing a tradition of quality assets while growing our commercial, commercial real estate and agriculture loan portfolios. We are committed to developing relationships with our borrowers and providing a total banking service.

The Bank is principally engaged in the business of attracting deposits from the general public and using such deposits, together with borrowings and other funds, to originate one-to-four family residential real estate, construction and land, commercial real estate, commercial, agriculture, municipal and consumer loans. Although not our primary business function, we do invest in certain investment and mortgage-related securities using deposits and other borrowings as funding sources.

Landmark Risk Management, Inc., which was formed and began operations on May 31, 2017, is a Nevada-based captive insurance company which provides property and casualty insurance coverage to the Company and the Bank for which insurance may not be currently available or economically feasible in today's insurance marketplace. Landmark Risk Management, Inc. pools resources with several other similar insurance company subsidiaries of financial institutions to spread a limited amount of risk among themselves. Landmark Risk Management, Inc. is subject to the regulations of the State of Nevada and undergoes periodic examinations by the Nevada Division of Insurance.

Our results of operations depend generally on net interest income, which is the difference between interest income from interest-earning assets and interest expense on interest-bearing liabilities. Net interest income is affected by regulatory, economic and competitive factors that influence interest rates, loan demand and deposit flows. In addition, we are subject to interest rate risk to the degree that our interest-earning assets mature or reprice at different times, or at different speeds, than our interest-bearing liabilities. Our results of operations are also affected by non-interest income, such as service charges, loan fees and gains from the sale of newly originated loans and gains or losses on investments, and certain non-interest related items. Our principal operating expenses, aside from interest expense, consist of compensation and employee benefits, occupancy costs, professional fees, federal deposit insurance costs, data processing expenses and provision for loan losses.

We are significantly impacted by prevailing economic conditions including federal monetary and fiscal policies and federal regulations of financial institutions. Deposit balances are influenced by numerous factors such as competing investments, the level of income and the personal rate of savings within our market areas. Factors influencing lending activities include the demand for housing and the interest rate pricing competition from other lending institutions.

Currently, our business consists of ownership of the Bank, with its main office in Manhattan, Kansas and twenty eight additional branch offices in central, eastern, southeast and southwest Kansas, and our ownership of Landmark Risk Management, Inc.

CRITICAL ACCOUNTING POLICIES

Critical accounting policies are those that are both most important to the portrayal of our financial condition and results of operations, and require our management's most difficult, subjective or complex judgments, often as a result of the need to make estimates about the effect of matters that are inherently uncertain. Our critical accounting policies relate to the allowance for loan losses, the valuation of investment securities, accounting for goodwill and other intangible assets and the accounting for income taxes, all of which involve significant judgment by our management.

We perform periodic and systematic detailed reviews of our lending portfolio to assess overall collectability. The level of the allowance for loan losses reflects our estimate of the collectability of the loan portfolio. While these estimates are based on substantive methods for determining allowance requirements, actual outcomes may differ significantly from

estimated results. Additional explanation of the methodologies used in establishing this allowance is provided in the “Asset Quality and Distribution” section.

The Company has classified its investment securities portfolio as available-for-sale, with the exception of certain investments held for regulatory purposes. The Company carries its available-for-sale investment securities at fair value and employs valuation techniques which utilize quoted prices or observable inputs when those inputs are available. These observable inputs reflect assumptions that market participants would use in pricing the security, developed based on market data obtained from sources independent of the Company. When such information is not available, the Company employs valuation techniques which utilize unobservable inputs, or those which reflect the Company’s own assumptions, based on the best information available in the circumstances. These valuation methods typically involve estimated cash flows and other financial modeling techniques. Changes in underlying factors, assumptions, estimates, or other inputs to the valuation techniques could have a material impact on the Company’s future financial condition and results of operations. Fair value measurements are classified as Level 1 (quoted prices), Level 2 (based on observable inputs) or Level 3 (based on unobservable inputs). Available-for-sale securities are recorded at fair value with unrealized gains and losses excluded from earnings and reported as a separate component of stockholders’ equity, net of taxes, until realized. Purchase premiums and discounts on investment securities are amortized/accreted into interest income over the estimated lives of the securities using the interest method. Realized gains and losses on sales of available-for-sale securities are recorded on a trade date basis and are calculated using the specific identification method.

The Company performs quarterly reviews of the investment portfolio to determine if any investment securities have any declines in fair value which might be considered other-than-temporary. The initial review begins with all securities in an unrealized loss position. The Company’s assessment of other-than-temporary impairment is based on its judgment of the specific facts and circumstances impacting each individual security at the time such assessments are made. The Company reviews and considers factual information, including expected cash flows, the structure of the security, the credit quality of the underlying assets and the current and anticipated market conditions. Credit-related impairments on debt securities are recorded through a charge to earnings. If an equity security is determined to be other-than-temporarily impaired, the entire impairment is recorded through a charge to earnings.

We have completed several business and asset acquisitions since 2002, which have generated significant amounts of goodwill and intangible assets and related amortization. The values assigned to goodwill and intangibles, as well as their related useful lives, are subject to judgment and estimation by our management. Goodwill and intangibles related to acquisitions are determined and based on purchase price allocations. The initial value assigned to goodwill is the residual of the purchase price over the fair value of all identifiable tangible and intangible assets acquired and liabilities assumed. Valuation of intangible assets is generally based on the estimated cash flows related to those assets. Performing discounted cash flow analyses involves the use of estimates and assumptions. Useful lives are based on the expected future period of the benefit of the asset, the assessment of which considers various characteristics of the asset, including the historical cash flows. Due to the number of estimates involved related to the allocation of purchase price and determining the appropriate useful lives of intangible assets, we have identified purchase accounting, and the subsequent impairment testing of goodwill and intangible assets, as a critical accounting policy.

Goodwill is not amortized; however, it is tested for impairment at each calendar year end or more frequently when events or circumstances dictate. The impairment test compares the carrying value of goodwill to an implied fair value of the goodwill, which is based on a review of the Company’s market capitalization adjusted for appropriate control premiums as well as an analysis of valuation multiples of recent, comparable acquisitions. The Company considers the result from each of these valuation methods to determine the implied fair value of its goodwill. A goodwill impairment would be recorded for the amount that the carrying value exceeds the implied fair value. The Company performed a step one impairment test as of December 31, 2017 by comparing the implied fair value of the Company’s single reporting unit to its carrying value. Fair value was determined using observable market data, including the Company’s market capitalization, with control premiums and valuation multiples, compared to recent financial industry acquisition multiples for similar institutions to estimate the fair value of the Company’s single reporting unit. The Company’s step one impairment test indicated that its goodwill was not impaired. The Company can make no assurances that future impairment tests will not result in goodwill impairments.

Intangible assets include core deposit intangibles, lease intangibles and mortgage servicing rights. Core deposit intangible assets are amortized over their estimated useful life of ten years on an accelerated basis. Lease intangible assets are amortized over the life of the lease. When facts and circumstances indicate potential impairment, the Company will

evaluate the recoverability of the intangible asset carrying value, using estimates of undiscounted future cash flows over the asset's remaining life. Any impairment loss is measured by the excess of carrying value over fair value. Mortgage servicing assets are recognized as separate assets when rights are acquired through the sale of financial assets, primarily one-to-four family real estate loans. Mortgage servicing rights are amortized into non-interest expense in proportion to, and over the period of, the estimated future net servicing income of the underlying financial assets. Servicing assets are recorded at the lower of amortized cost or estimated fair value, and are evaluated for impairment based upon the fair value of the retained rights as compared to amortized cost.

The objective of accounting for income taxes is to recognize the taxes payable or refundable for the current year and deferred tax liabilities and assets for the future tax consequences of events that have been recognized in an entity's financial statements or tax returns. Judgment is required in assessing the future tax consequences of events that have been recognized in financial statements or tax returns. The Company recognizes an income tax position only if it is more likely than not that it will be sustained upon examination by the Internal Revenue Service (the "IRS"), based upon its technical merits. Once that standard is met, the amount recorded will be the largest amount of benefit that has a greater than 50 percent likelihood of being realized upon ultimate settlement. The Company recognizes interest and penalties related to unrecognized tax benefits as a component of income tax expense in our consolidated statements of earnings. The Company assesses its deferred tax assets to determine if the items are more likely than not to be realized and a valuation allowance is established for any amounts that are not more likely than not to be realized. Changes in estimates regarding the actual outcome of these future tax consequences, including the effects of IRS examinations and examinations by other state agencies, could materially impact our financial position and results of operations.

COMPARISON OF OPERATING RESULTS FOR THE YEARS ENDED DECEMBER 31, 2017 AND DECEMBER 31, 2016

DEPOSIT-RELATED LOSS. On August 8, 2017, we were made aware that checks deposited by one of our customers from a third party were being returned by another financial institution due to uncollected funds related to the third party. This caused a \$10.3 million overdraft balance. Since August 8, 2017, our collection efforts have provided \$2.2 million in funds to cover a portion of the overdraft, resulting in an \$8.1 million pre-tax loss in 2017. An investigation of the situation and the potential recovery of losses is ongoing. Accordingly, no conclusions have been reached concerning the ultimate recoverability of this loss, nor has there been a determination of whether or not existing insurance policies will cover any of the loss. We intend to protect all of our rights pursuant to this matter and to seek all available legal and equitable remedies. The recovery process is uncertain and is expected to require an extended period of time to resolve, and we will likely incur further legal expenses. In light of the uncertainty surrounding any additional recoveries, we recognized an after-tax loss of approximately \$5.1 million during the third quarter of 2017.

SUMMARY OF PERFORMANCE. Net earnings for 2017 decreased \$4.6 million, or 51.2%, to \$4.4 million as compared to \$9.0 million for 2016. Net earnings in 2017 were impacted by an after-tax loss of \$5.1 million on a deposit account after checks deposited by a customer of the Bank were returned by another financial institution due to uncollected funds related to the third party.

Partially offsetting this effect was higher net interest income for 2017, which increased \$76,000 to \$26.1 million, or 0.3% higher than the \$26.0 million recorded for 2016. Our net interest margin, on a tax equivalent basis, decreased from 3.45% during 2016 to 3.40% in 2017. The growth in net interest income was primarily the result of a 2.4% increase in average interest-earning assets, from \$808.6 million in 2016 to \$828.1 million in 2017. The current interest rate environment continues to restrain our ability to increase our net interest margin as higher short term interest rates may lead to increases in our costs of funds while competition for loans inhibits our ability to earn higher yields.

We distributed a 5% stock dividend for the 17th consecutive year in December 2017. All per share and average share data in this section reflect the 2017 and 2016 stock dividends.

INTEREST INCOME. Interest income for 2017 increased \$470,000 to \$29.7 million, an increase of 1.6% as compared to 2016. Interest income on loans decreased \$168,000, or 0.8%, to \$21.1 million for 2017 compared to 2016, due primarily to the decline in our average loan balances from \$433.7 million during 2016 to \$429.5 million during 2017. Also contributing to decreased interest income on loans were lower tax equivalent yields on loans, which decreased from 4.93% in 2016 to 4.92% in 2017. Interest income on investment securities increased \$638,000, or 8.0%, to \$8.6 million during

2017, as compared to \$8.0 million in 2016. The increase in interest income on investment securities was primarily the result of an increase in our average balance of investment securities from \$371.8 million during 2016 to \$394.8 million during 2017. Also contributing to the higher interest income on investment securities was an increase in our tax equivalent yield, which increased from 2.60% in 2016 to 2.67% during 2017.

INTEREST EXPENSE. Interest expense during 2017 increased \$394,000, or 12.3%, to \$3.6 million as compared to 2016. Interest expense on interest-bearing deposits increased \$435,000, or 38.4%, to \$1.6 million for 2017 as compared to 2016. Our total cost of interest-bearing deposits increased from 0.20% during 2016 to 0.27% during 2017 as a result of higher rates paid on money market and checking accounts with rates that reprice based on market indexes. Also contributing to higher interest expense was an increase in our average interest-bearing deposit balances from \$561.5 million during 2016 to \$585.9 million during 2017. Interest expense on borrowings decreased \$41,000, or 2.0%, to \$2.0 million during 2017 as compared 2016, due to a decrease in our average outstanding borrowings. Our average outstanding borrowings decreased from \$79.1 million in 2016 to \$75.3 million during 2017, while our average rate on our borrowings increased from 2.60% in 2016 to 2.68% in 2017.

NET INTEREST INCOME. Net interest income represents the difference between income derived from interest-earning assets and the expense incurred on interest-bearing liabilities. Net interest income is affected by both the difference between the rates of interest earned on interest-earnings assets and the rates paid on interest-bearing liabilities (“interest rate spread”) as well as the relative amounts of interest-earning assets and interest-bearing liabilities.

During 2017, net interest income increased \$76,000, or 0.3%, to \$26.1 million compared to \$26.0 million in 2016. Our net interest margin, on a tax-equivalent basis, decreased to 3.40% during 2017 from 3.45% during 2016. The increase in net interest income was primarily the result of a 2.4% increase in our average interest-earning assets from \$808.6 million in 2016 to \$828.1 million in 2017. We do not expect increases in our net interest margin in the near term, and it is possible that our net interest margin will decline in future periods, as we may be unable to increase the yield on our loans and investment securities to the extent necessary to offset higher cost of deposits and borrowings due to higher interest rates.

PROVISION FOR LOAN LOSSES. We maintain, and our Board of Directors monitors, an allowance for losses on loans. The allowance is established based upon management's periodic evaluation of known and inherent risks in the loan portfolio, review of significant individual loans and collateral, review of delinquent loans, past loss experience, adverse situations that may affect the borrowers' ability to repay, current and expected market conditions, and other factors management deems important. Determining the appropriate level of reserves involves a high degree of management judgment and is based upon historical and projected losses in the loan portfolio and the collateral value or discounted cash flows of specifically identified impaired loans. Additionally, allowance policies are subject to periodic review and revision in response to a number of factors, including current market conditions, actual loss experience and management's expectations.

During 2017, we recorded a provision for loan losses of \$450,000 compared to a provision for loan losses of \$500,000 during 2016. We recorded net loan charge-offs of \$335,000 during 2017 compared to net loan charge-offs of \$1.1 million during 2016.

NON-INTEREST INCOME. Total non-interest income was \$15.2 million in 2017, an increase of \$381,000, or 2.6%, compared to 2016. The increase in non-interest income was primarily the result of an increase of \$404,000 in bank owned life insurance and \$90,000 in fees and service charges. Bank owned life insurance increased as a result of a death benefit and a purchase in 2017. Partially offsetting those increases were the declines of \$86,000 in gains on sales of loans and \$60,000 in gains on sales of investment securities in 2017 as compared to 2016.

NON-INTEREST EXPENSE. Non-interest expense increased \$8.3 million, or 28.5%, to \$37.4 million in 2017 compared to \$29.1 million in 2016. The increase was primarily due to the pre-tax, deposit-related loss of \$8.1 million incurred in the third quarter of 2017. Also contributing to higher non-interest expense was an increase of \$614,000 in professional fees related to the formation of our captive insurance subsidiary and an audit of internal controls related to financial reporting in 2017 as compared to 2016. Partially offsetting those increases were decreases of \$172,000 in compensation and benefits and \$139,000 in amortization of intangibles expenses.

INCOME TAXES. During 2017, we recorded an income tax benefit of \$897,000, which constituted an effective tax rate of -25.8%, compared to an income tax expense of \$2.3 million and an effective tax rate of 20.5% in 2016. The

income tax benefit recorded in 2017 was primarily the result of the \$8.1 million deposit-related loss, which decreased our taxable income. Also contributing to the income tax benefit recorded in 2017 was a \$352,000 tax benefit recorded to reflect the reduction in income tax rates on the deferred tax assets and liabilities as a result of the Tax Cuts and Jobs Act. Income tax expense also benefited from the recognition of excess tax benefits from the exercise of stock options of \$103,000 in 2017 compared to \$308,000 in 2016.

COMPARISON OF OPERATING RESULTS FOR THE YEARS ENDED DECEMBER 31, 2016 AND DECEMBER 31, 2015

SUMMARY OF PERFORMANCE. Net earnings for 2016 decreased \$1.5 million, or 14.7%, to \$9.0 million as compared to \$10.5 million for 2015. The decrease in net earnings was primarily due to a decline in gains on sales of loans and an increase in our provision for loan losses. Gains on sales of loans decreased primarily as a result of the departure of several mortgage lenders during 2016, which decreased the volume of one-to-four family residential real estate loans originated and sold during 2016 as compared to 2015. The increase in our provision for loan losses was primarily the result of a \$1.7 million recovery on a previously charged-off construction loan, which contributed to a \$700,000 credit provision for loan losses during 2015 compared to a \$500,000 provision for loan losses during the same period of 2016.

Partially offsetting those effects was higher net interest income for 2016, which increased \$123,000 to \$26.0 million, or 0.5% higher than \$25.9 million recorded for 2015. Our net interest margin, on a tax equivalent basis, decreased from 3.51% during 2015 to 3.45% in 2016. The growth in net interest income was primarily the result of a 2.9% increase in average interest-earning assets, from \$785.6 million in 2015 to \$808.6 million in 2016. .

INTEREST INCOME. Interest income for 2016 increased \$233,000 to \$29.2 million, an increase of 0.8% as compared to 2015. Interest income on loans decreased \$91,000, or 0.4%, to \$21.3 million for 2016 compared to 2015, due to lower tax equivalent yields on loans, which decreased from 5.01% in 2015 to 4.93% in 2016. Partially offsetting the decline in tax equivalent yields was an increase in our average loan balances from \$428.8 million during 2015 to \$433.7 million during 2016. Interest income on investment securities increased \$324,000, or 4.2%, to \$8.0 million during 2016, as compared to \$7.7 million in 2015. The increase in interest income on investment securities was primarily the result of an increase in our average balance of investment securities from \$354.0 million during 2015 to \$371.8 million during 2016. Also contributing to the higher interest income on investment securities was an increase in our tax equivalent yield, which increased from 2.59% in 2015 to 2.60% during 2016.

INTEREST EXPENSE. Interest expense during 2016 increased \$110,000, or 3.6%, to \$3.2 million as compared to 2015. Interest expense on interest-bearing deposits increased \$63,000, or 5.9%, to \$1.1 million for 2016 as compared to 2015. Our total cost of interest-bearing deposits increased from 0.19% during 2015 to 0.20% during 2016 as a result of higher rates paid on money market and checking accounts with rates that reprice based on market indexes. Also contributing to higher interest expense was an increase in our average interest-bearing deposit balances from \$558.1 million during 2015 to \$561.5 million during 2016. Interest expense on borrowings increased \$47,000, or 2.3%, to \$2.1 million during 2016 as compared 2015, due to an increase in our average outstanding borrowings and higher rates on those borrowings. Our average outstanding borrowings increased from \$77.7 million in 2015 to \$79.1 million during 2016, while our average rate on our borrowings increased from 2.59% in 2015 to 2.60% in 2016.

NET INTEREST INCOME.

During 2016, net interest income increased \$123,000, or 0.5%, to \$26.0 million compared to \$25.9 million in 2015. Our net interest margin, on a tax-equivalent basis, decreased to 3.45% during 2016 from 3.51% during 2015. The increase in net interest income was primarily the result of a 2.9% increase in our average interest-earning assets from \$785.6 million in 2015 to \$808.6 million in 2016.

PROVISION FOR LOAN LOSSES. During 2016, we recorded a provision for loan losses of \$500,000 compared to a credit provision for loan losses of \$700,000 during 2015. We recorded net loan recoveries of \$1.3 million during 2015 compared to net loan charge-offs of \$1.1 million during 2016. The net loan recoveries during 2015 were primarily associated with the recovery of \$1.7 million on a \$4.3 million construction loan which was fully charged-off during 2010 and 2011. As of December 31, 2017, the Company recovered approximately \$2.4 million of the loan and continues to pursue collection of the remaining amount. The net loan recoveries during 2015 were the primary reason for the credit provision for loan losses during the year. For further discussion of the allowance for loan losses, refer to the “Asset Quality and Distribution” section.

NON-INTEREST INCOME. Total non-interest income was \$14.9 million in 2016, a decrease of \$2.2 million, or 12.7%, compared to 2015. The decrease in non-interest income was primarily the result of a decrease of \$2.5 million in gains on sales of loans. Gains on sales of loans decreased primarily as a result of decreased volumes of one-to-four family residential real estate loans originated and sold during 2016 as compared to the prior year. The lower origination volumes were the result of losing several mortgage lenders during 2016. Also contributing to the decrease in non-interest income in 2016 compared to 2015 was a gain of \$236,000 on the sale of a closed branch facility during 2015, which was included in other non-interest income in 2015. Partially offsetting these effects was a net gain of \$558,000 was recorded on sales of investment securities during 2016 as compared to a loss of \$119,000 on sales of investment securities in 2015.

NON-INTEREST EXPENSE. Non-interest expense decreased \$92,000, or 0.3%, to \$29.1 million in 2016 compared to \$29.2 million in 2015. The decrease was primarily the result of a \$444,000 decrease in other non-interest expense, due primarily to reduced mortgage banking activity in 2016 compared to 2015. Other non-interest expense in 2015 also included a \$163,000 impairment of the residual real estate collateral associated with an affordable housing investment. Partially offsetting those decreases was an increase of \$193,000 in foreclosure and real estate owned expense as a result of additional real estate owned assets in 2016 compared to 2015.

INCOME TAXES. During 2016, we recorded income tax expense of \$2.3 million, which constituted an effective tax rate of 20.5%, compared to an income tax expense of \$3.9 million and an effective tax rate of 27.1% in 2015. The decrease in tax expense and our effective tax rate during 2016 was due to a lower level of taxable income and higher tax exempt income. The early adoption of ASU 2016-09 also decreased tax expense by \$308,000 during 2016 as a result of recognizing excess tax benefits from the exercise of stock options as a component of income tax expense.

QUARTERLY RESULTS OF OPERATIONS

(Dollars in thousands, except per share amounts)

	2017 Quarters Ended			
	March 31	June 30	September 30	December 31
Interest income	\$ 7,188	\$ 7,456	\$ 7,521	\$ 7,535
Interest expense	820	880	919	966
Net interest income	6,368	6,576	6,602	6,569
Provision for loan losses	50	100	100	200
Net interest income after provision for loan losses	6,318	6,476	6,502	6,369
Non-interest income	3,641	4,188	3,936	3,466
Non-interest expense (1)	7,061	7,539	15,622	7,202
Earnings (losses) before income taxes	2,898	3,125	(5,184)	2,633
Income tax expense (benefit)	693	742	(2,523)	191
Net earnings	\$ 2,205	\$ 2,383	\$ (2,661)	\$ 2,442
Earnings per share (2):				
Basic	\$ 0.54	\$ 0.58	\$ (0.65)	\$ 0.60
Diluted	\$ 0.53	\$ 0.58	\$ (0.64)	\$ 0.59

	2016 Quarters Ended			
	March 31	June 30	September 30	December 31
Interest income	\$ 7,174	\$ 7,372	\$ 7,350	\$ 7,334
Interest expense	770	810	798	813
Net interest income	6,404	6,562	6,552	6,521
Provision for loan losses	50	300	150	-
Net interest income after provision for loan losses	6,354	6,262	6,402	6,521
Non-interest income	3,894	3,948	3,742	3,266
Non-interest expense	7,162	7,211	7,394	7,347
Earnings before income taxes	3,086	2,999	2,750	2,440
Income tax expense (3)	693	673	594	354
Net earnings (3)	\$ 2,393	\$ 2,326	\$ 2,156	\$ 2,086
Earnings per share (2)(3):				
Basic	\$ 0.61	\$ 0.58	\$ 0.53	\$ 0.51
Diluted	\$ 0.60	\$ 0.57	\$ 0.52	\$ 0.50

(1) Non-interest expense during the third quarter of 2017 includes a deposit-related loss of \$8.1 million.

(2) All per share amounts have been adjusted to give effect to the 5% stock dividends paid during December 2017 and 2016.

(3) Income tax expense, net earnings and earnings per share for 2016 have been recast to reflect the early adoption of ASU 2016-09 in the fourth quarter of 2016.

FINANCIAL CONDITION. Despite measured improvement in certain metrics, general uncertainty with respect to economic conditions in the United States continues to affect our asset quality and performance. The geographic markets in which the Company operates have also been impacted by an economic downturn in the agriculture sector. However, our loan portfolio is diversified across various types of loans and collateral throughout the markets in which we operate. Outside of a few problem loans that management is working to resolve, our asset quality has generally remained stable over the past few years. Outside of identified problem assets, management believes that the Company continues to have a high quality asset base and solid core earnings, and anticipates that its efforts to run a high quality financial institution with a sound asset base will continue to create a strong foundation for continued growth and profitability in the future.

ASSET QUALITY AND DISTRIBUTION. Our primary investing activities are the origination of one-to-four family residential real estate, construction and land, commercial real estate, commercial, agriculture, municipal and consumer loans and the purchase of investment securities. Total assets increased to \$929.5 million at December 31, 2017, compared to \$911.4 million at December 31, 2016. The increase in our total assets was primarily the result of an increase in net loans, excluding loans held for sale, which increased to \$433.7 million at December 31, 2017 from \$420.5 million at December 31, 2016. Investment securities available for sale increased from \$385.6 million at December 31, 2016 to \$388.0 million at December 31, 2017.

The allowance for loan losses is established through a provision for loan losses based on our evaluation of the risk inherent in the loan portfolio and changes in the nature and volume of our loan activity. This evaluation, which includes a review of all loans with respect to which full collectability may not be reasonably assured, considers the fair value of the underlying collateral, economic conditions, historical loan loss experience, level of classified loans and other factors that warrant recognition in providing for an appropriate allowance for loan losses. At December 31, 2017, our allowance for loan losses totaled \$5.5 million, or 1.24% of gross loans outstanding, as compared to \$5.3 million, or 1.26% of gross loans outstanding, at December 31, 2016.

As of December 31, 2017 and 2016, approximately \$16.3 million and \$16.6 million, respectively, of loans were considered classified and assigned a risk rating of special mention, substandard or doubtful. These ratings indicate that the loans identified as potential problem loans have more than normal risk which raised doubts as to the ability of the borrower to comply with present loan repayment terms. Even though these borrowers were experiencing moderate cash flow problems as well as some deterioration in collateral value, management believed the general allowance was sufficient to cover the risks and probable incurred losses related to such loans at December 31, 2017 and 2016, respectively.

Loans past due 30-89 days and still accruing interest totaled \$1.4 million, or 0.31% of gross loans, at December 31, 2017, compared to \$758,000, or 0.18% of gross loans, at December 31, 2016. At December 31, 2017, \$6.0 million of loans were on non-accrual status, or 1.38% of gross loans, compared to \$2.7 million, or 0.64% of gross loans, at December 31, 2016. Non-accrual loans consist of loans 90 or more days past due and certain impaired loans. There were no loans 90 days delinquent and accruing interest at December 31, 2017 and 2016. Our impaired loans totaled \$9.8 million at December 31, 2017 compared to \$6.7 million at December 31, 2016. The difference in the Company's non-accrual loan balances and impaired loan balances at December 31, 2017 and December 31, 2016 was related to TDRs that were accruing interest but still classified as impaired.

At December 31, 2017, the Company had twelve loan relationships consisting of twenty outstanding loans that were classified as TDRs compared to eleven relationships consisting of seventeen outstanding loans classified as TDRs at December 31, 2016.

During 2017, the Company classified four agriculture loans totaling \$98,000 as TDRs after refinancing existing loans to two agriculture loan relationships that were classified as TDRs in 2016 and 2015. The Company also classified a \$104,000 agriculture loan as a TDR in 2017 after extending the maturity of the loan. The Company also classified a one-to-four family residential real estate loan totaling \$25,000 as a TDR during 2017 after modifying the terms per a bankruptcy judgment. Also during 2017, the Company classified an \$11,000 commercial real estate loan as a TDR after extending the maturity of the loan. The \$11,000 commercial real estate loan was charged-off during 2017 as a result of the borrower failing to comply with the terms of the restructuring.

During 2016, the Company classified a \$302,000 agriculture loan relationship consisting of three loans as a TDR after extending the maturities of the loans. The collateral securing the loans was deemed to be insufficient, resulting in a charge-off of \$215,000. The Company also classified an \$8,000 commercial loan as a TDR during 2016 after modifying the

payments to interest only. Also during 2016, the Company classified a \$188,000 one-to-four family residential real estate loan as a TDR after agreeing to a loan modification which adjusted the payment schedule.

During 2015, the Company classified a \$2.0 million commercial real estate loan relationship as a TDR after agreeing to a bankruptcy plan with the borrower. The bankruptcy plan restarted the amortization period of the loans which extended the maturities. The commercial real estate loan relationship totaled \$4.4 million in 2012 when the loans were placed on non-accrual status after the borrower declared bankruptcy. The outstanding balances have been partially paid down with proceeds from asset sales and cash flows from the properties securing the loans during the bankruptcy process and under the terms of the restructuring agreement. The relationship was returned to accrual status during 2015 based on a satisfactory payment performance by the borrower under the revised terms of the bankruptcy plan. The Company also classified a \$50,000 agriculture loan relationship consisting of two loans as a TDR after extending the maturity of the loans during 2015. Since all of the loans were adequately secured, no charge-offs or impairments were recorded against the principal as of December 31, 2015. During 2015, a land loan relationship consisting of three loans totaling \$1.6 million, which was previously classified as a TDR during 2012, paid off with proceeds from the sale of assets and a new loan originated at market terms on the remaining assets. Also during 2015, a \$78,000 commercial loan, which was classified as a TDR during 2014, paid off.

As part of our credit risk management, we continue to manage the loan portfolio to identify problem loans and have placed additional emphasis on commercial real estate and construction and land relationships. We are working to resolve the remaining problem credits or move the non-performing credits out of the loan portfolio. At December 31, 2017, we had \$436,000 of real estate owned compared to \$1.3 million at December 31, 2016. As of December 31, 2017, real estate owned primarily consisted of several residential real estate properties and one commercial property. The Company is currently marketing all of the remaining properties in real estate owned.

LIABILITY DISTRIBUTION. Our primary ongoing sources of funds are deposits, FHLB borrowings, proceeds from principal and interest payments on loans and investment securities and proceeds from the sale of mortgage loans and investment securities. While maturities and scheduled amortization of loans are a predictable source of funds, deposit flows and mortgage prepayments are greatly influenced by general interest rates and economic conditions. We experienced an increase of \$24.0 million in total deposits during 2017, to \$765.6 million at December 31, 2017, from \$741.5 million at December 31, 2016. The increase in deposits was primarily due to higher non-interest bearing deposits, money market and checking accounts and savings accounts. The increases were partially offset by lower balances in certificates of deposit balances. Total borrowings decreased \$6.3 million to \$66.6 million at December 31, 2017, from \$72.9 million at December 31, 2016.

Non-interest-bearing deposits at December 31, 2017, were \$160.5 million, or 21.0% of deposits, compared to \$152.0 million, or 20.5% of deposits, at December 31, 2016. Money market and checking accounts were 50.7% of our deposit portfolio and totaled \$388.3 million at December 31, 2017, compared to \$361.4 million, or 48.7% of deposits, at December 31, 2016. Savings accounts increased to \$93.5 million, or 12.2% of deposits, at December 31, 2017, from \$88.3 million, or 11.9% of deposits, at December 31, 2016. Certificates of deposit totaled \$123.3 million, or 16.1% of deposits, at December 31, 2017, compared to \$139.8 million, or 18.9% of deposits, at December 31, 2016. Increasing short-term interest rates and competition for deposits may affect our ability to continue to increase deposit balances and could result in a decrease in our deposit balances.

Certificates of deposit at December 31, 2017, scheduled to mature in one year or less totaled \$84.9 million. Historically, maturing deposits have generally remained with the Bank, and we believe that a significant portion of the deposits maturing in one year or less will remain with us upon maturity in some type of deposit account.

CASH FLOWS. During 2017, our cash and cash equivalents decreased by \$3.4 million. Our operating activities provided net cash of \$3.1 million in 2017, which is less than the net cash provided by operating activities in 2016 primarily due to lower levels of originations and sales of one-to-four family residential mortgage loans. Our investing activities used net cash of \$21.2 million during 2017, primarily as a result of a purchase of a bank owned life insurance and increases in loans. Our financing activities provided net cash of \$14.7 million during 2017, primarily as a result of an increase in deposit balances.

LIQUIDITY. Our most liquid assets are cash and cash equivalents and investment securities available for sale. The levels of these assets are dependent on the operating, financing, lending and investing activities during any given year.

These liquid assets totaled \$404.6 million at December 31, 2017 and \$405.6 million at December 31, 2016. During periods in which we are not able to originate a sufficient amount of loans and/or periods of high principal prepayments, we generally increase our liquid assets by investing in short-term, high-grade investments.

Liquidity management is both a daily and long-term function of our strategy. Excess funds are generally invested in short-term investments. Excess funds are typically generated as a result of increased deposit balances, while uses of excess funds are generally deposit withdrawals and loan advances. In the event we require funds beyond our ability to generate them internally, additional funds are generally available through the use of FHLB advances, a line of credit with the FHLB, other borrowings or through sales of investment securities. At December 31, 2017, we had outstanding FHLB advances of \$25.0 million and \$6.6 million of borrowings against our line of credit with the FHLB. At December 31, 2017, we had collateral pledged to the FHLB that would allow us to borrow an additional \$55.6 million, subject to FHLB credit requirements and policies. At December 31, 2017, we had no borrowings through the Federal Reserve discount window, while our borrowing capacity with the Federal Reserve was \$14.5 million. We also have various other federal funds agreements, both secured and unsecured, with correspondent banks totaling approximately \$30.0 million in available credit under which we had no outstanding borrowings at December 31, 2017. At December 31, 2017, we had subordinated debentures totaling \$21.5 million and other borrowings of \$13.5 million, which consisted of repurchase agreements. At December 31, 2017, the Company had no borrowings against a \$7.5 million line of credit from an unrelated financial institution that matures on November 1, 2018, with an interest rate that adjusts daily based on the prime rate less 0.25%. This line of credit has covenants specific to capital and other financial ratios, which the Company was in compliance with at December 31, 2017.

OFF-BALANCE SHEET ARRANGEMENTS. As a provider of financial services, we routinely issue financial guarantees in the form of financial and performance standby letters of credit. Standby letters of credit are contingent commitments issued by us generally to guarantee the payment or performance obligation of a customer to a third party. While these standby letters of credit represent a potential outlay by us, a significant amount of the commitments may expire without being drawn upon. We have recourse against the customer for any amount the customer is required to pay to a third party under a standby letter of credit. The letters of credit are subject to the same credit policies, underwriting standards and approval process as loans made by us. Most of the standby letters of credit are secured, and in the event of nonperformance by the customers, we have the right to the underlying collateral, which could include commercial real estate, physical plant and property, inventory, receivables, cash and marketable securities. The contract amount of these standby letters of credit, which represents the maximum potential future payments guaranteed by us, was \$806,000 at December 31, 2017.

At December 31, 2017, we had outstanding loan commitments, excluding standby letters of credit, of \$87.6 million. We anticipate that sufficient funds will be available to meet current loan commitments. These commitments consist of unfunded lines of credit and commitments to finance real estate loans.

CAPITAL. The Federal Reserve has established capital requirements for bank holding companies which generally parallel the capital requirements for national banks under OCC regulations. The regulations provide that such standards will generally be applied on a consolidated (rather than a bank-only) basis in the case of bank holding companies other than “small bank holding companies” (generally, non-public bank holding companies with less than \$1 billion in total consolidated assets).

At December 31, 2017, we maintained a leverage capital ratio of 9.80% and a total risk-based capital ratio of 17.71%. As shown by the following table, our capital exceeded the minimum capital requirements in effect at December 31, 2017 (dollars in thousands):

	Actual amount	Actual percent	Minimum amount	Minimum percent(1)
Leverage	\$ 88,605	9.80%	\$ 36,180	4.0%
Common Equity Tier 1 capital	68,269	12.83%	30,590	5.8%
Tier 1 capital	88,605	16.65%	38,571	7.3%
Total risk-based capital	94,208	17.71%	49,211	9.3%

(1) The minimum required percent includes a capital conservation buffer of 1.25%.

At December 31, 2017, the Bank maintained a leverage ratio of 9.62% and a total risk-based capital ratio of 17.40%. As shown by the following table, the Bank's capital exceeded the minimum capital requirements in effect at December 31, 2017 (dollars in thousands):

	Actual amount	Actual percent	Minimum amount	Minimum percent(1)
Leverage	\$ 86,808	9.62%	\$ 36,097	4.0%
Common Equity Tier 1 capital	86,808	16.35%	30,529	5.8%
Tier 1 capital	86,808	16.35%	38,493	7.3%
Total risk-based capital	92,407	17.40%	49,112	9.3%

(1) The minimum required percent includes a capital conservation buffer of 1.25%.

Banks and bank holding companies are generally expected to operate at or above the minimum capital requirements. The Company's and the Bank's ratios above are well in excess of regulatory minimums, and we expect that they will allow us to operate without capital adequacy concerns. As of December 31, 2017 and 2016, the Bank also exceeded the "well capitalized" thresholds, which is the highest rating available. There are no conditions or events that management believes have changed the Bank's category. We have \$21.5 million in trust preferred securities which, in accordance with current capital guidelines, have been included in capital as of December 31, 2017. Cash distributions on the securities are payable quarterly, are deductible for income tax purposes and are included in interest expense in the consolidated financial statements.

DIVIDENDS

During the year ended December 31, 2017, we paid a quarterly cash dividend of \$0.19 per share to our stockholders, as adjusted to give effect to a 5% stock dividend, which we distributed for the 17th consecutive year in December 2017. The 2016 quarterly cash dividends were \$0.18 per share as adjusted to give effect to a 5% stock dividend.

The payment of dividends by any financial institution or its holding company is affected by the requirement to maintain adequate capital pursuant to applicable capital adequacy guidelines and regulations. As described above, the Bank exceeded its minimum capital requirements under applicable guidelines as of December 31, 2017. The National Bank Act imposes limitations on the amount of dividends that a national bank may pay without prior regulatory approval. Generally, the amount is limited to the bank's current year's net earnings plus the adjusted retained earnings for the two preceding years. As of December 31, 2017, approximately \$16.2 million was available to be paid as dividends to the Company by the Bank without prior regulatory approval.

Additionally, our ability to pay dividends is limited by the subordinated debentures associated with the trust preferred securities that are held by three business trusts that we control. Interest payments on the debentures must be paid before we pay dividends on our capital stock, including our common stock. We have the right to defer interest payments on the debentures for up to 20 consecutive quarters. However, if we elect to defer interest payments, all deferred interest must be paid before we may pay dividends on our capital stock.

EFFECTS OF INFLATION

Our consolidated financial statements and accompanying footnotes have been prepared in accordance with U.S. generally accepted accounting principles ("GAAP"), which generally require the measurement of financial position and operating results in terms of historical dollars without consideration for changes in the relative purchasing power of money over time due to inflation. The impact of inflation can be found in the increased cost of our operations because our assets and liabilities are primarily monetary and interest rates have a greater impact on our performance than do the effects of inflation.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Our assets and liabilities are principally financial in nature, and the resulting net interest income thereon is subject to changes in market interest rates and the mix of various assets and liabilities. Interest rates in the financial markets affect our decisions on pricing our assets and liabilities which impacts our net interest income, a significant cash flow source for us. As a result, a substantial portion of our risk management activities relates to managing interest rate risk.

Our Asset/Liability Management Committee monitors the interest rate sensitivity of our balance sheet using earnings simulation models and interest sensitivity “gap” analysis. We have set policy limits of interest rate risk to be assumed in the normal course of business and monitor such limits through our simulation process.

In the past, we have been successful in meeting the interest rate sensitivity objectives set forth in our policy. Simulation models are prepared to determine the impact on net interest income for the coming twelve months, including using rates at December 31, 2017 and forecasting volumes for the twelve-month projection. This position is then subjected to a shift in interest rates of 100 and 200 basis points rising and 100 basis points falling with an impact to our net interest income on a one-year horizon as follows:

Scenario	\$000's change in net interest income	% change in net interest income
200 basis point rising	\$ (1,760)	-6.4%
100 basis point rising	(875)	-3.2%
100 basis point falling	(379)	-1.4%

ASSET/LIABILITY MANAGEMENT

Interest rate "gap" analysis is a common, though imperfect, measure of interest rate risk which measures the relative dollar amounts of interest-earning assets and interest-bearing liabilities which reprice within a specific time period, either through maturity or rate adjustment. The "gap" is the difference between the amounts of such assets and liabilities that are subject to such repricing. A "positive" gap for a given period means that the amount of interest-earning assets maturing or otherwise repricing within that period exceeds the amount of interest-bearing liabilities maturing or otherwise repricing during that same period. In a rising interest rate environment, an institution with a positive gap would generally be expected, absent the effects of other factors, to experience a greater increase in the yield of its assets relative to the cost of its liabilities. Conversely, the cost of funds for an institution with a positive gap would generally be expected to decline less quickly than the yield on its assets in a falling interest rate environment. Changes in interest rates generally have the opposite effect on an institution with a "negative" gap.

The following is our "static gap" schedule. One-to-four family residential real estate and consumer loans include prepayment assumptions, while all other loans assume no prepayments. Mortgage-backed securities include published prepayment assumptions, while all other investments assume no prepayments.

Certificates of deposit reflect contractual maturities only. Money market accounts are rate sensitive, and accordingly, a higher percentage of the accounts have been included as repricing immediately in the first period. Savings and NOW accounts are not as rate sensitive as money market accounts and for that reason a significant percentage of the accounts are reflected in the 1-to-5 year category.

Given the historically low interest rates that have persisted for the last several years, we believe it is unlikely that interest rates will move much lower than experienced in 2017. We have been successful in meeting the interest sensitivity objectives set forth in our policy. This has been accomplished primarily by managing the assets and liabilities while maintaining our traditional high credit standards.

**INTEREST-EARNING ASSETS AND INTEREST-BEARING LIABILITIES REPRICING SCHEDULE
("GAP" TABLE)**

As of December 31, 2017

	3 months or less	3 to 12 months	1 to 5 years	Over 5 years	Total
(Dollars in thousands)					
Interest-earning assets:					
Investment securities	\$ 23,655	\$ 38,063	\$ 186,512	\$ 145,176	\$ 393,406
Loans	96,023	128,333	191,045	24,877	440,278
Total interest-earning assets	\$ 119,678	\$ 166,396	\$ 377,557	\$ 170,053	\$ 833,684
Interest-bearing liabilities:					
Certificates of deposit	\$ 30,431	\$ 54,500	\$ 38,343	\$ 3	\$ 123,277
Money market and checking accounts	3,959	11,876	303,122	69,354	388,311
Savings accounts	-	-	74,779	18,695	93,474
Borrowed money	56,593	10,000	-	-	66,593
Total interest-bearing liabilities	\$ 90,983	\$ 76,376	\$ 416,244	\$ 88,052	\$ 671,655
Interest sensitivity gap per period	\$ 28,695	\$ 90,020	\$ (38,687)	\$ 82,001	\$ 162,029
Cumulative interest sensitivity gap	28,695	118,715	80,028	162,029	
Cumulative gap as a percent of total interest-earning assets	3.44%	14.24%	9.60%	19.44%	
Cumulative interest sensitive assets as a percent of cumulative interest sensitive liabilities	131.54%	170.93%	113.71%	124.12%	

SAFE HARBOR STATEMENT UNDER THE PRIVATE SECURITIES LITIGATION REFORM ACT OF 1995

Forward-Looking Statements

This document (including information incorporated by reference) contains, and future oral and written statements by us and our management may contain, forward-looking statements, within the meaning of such term in the Private Securities Litigation Reform Act of 1995, with respect to our financial condition, results of operations, plans, objectives, future performance and business. Forward-looking statements, which may be based upon beliefs, expectations and assumptions of our management and on information currently available to management, are generally identifiable by the use of words such as “believe,” “expect,” “anticipate,” “plan,” “intend,” “estimate,” “may,” “will,” “would,” “could,” “should” or other similar expressions. Additionally, all statements in this document, including forward-looking statements, speak only as of the date they are made, and we undertake no obligation to update any statement in light of new information or future events.

Our ability to predict results or the actual effect of future plans or strategies is inherently uncertain. Factors which could have a material adverse effect on operations and future prospects by us and our subsidiaries include, but are not limited to, the following:

- The strength of the United States economy in general and the strength of the local economies in which we conduct our operations which may be less favorable than expected and may result in, among other things, a deterioration in the credit quality and value of our assets.
- The effects of, and changes in, federal, state and local laws, regulations and policies affecting banking, securities, insurance and monetary and financial matters.
- The effects of changes in interest rates (including the effects of changes in the rate of prepayments of our assets) and the policies of the Federal Reserve.
- Our ability to compete with other financial institutions as effectively as we currently do due to increases in competitive pressures in the financial services sector.
- Our inability to obtain new customers and to retain existing customers.
- The timely development and acceptance of products and services, including products and services offered through alternative delivery channels such as the Internet.
- Technological changes implemented by us and by other parties, including third party vendors, which may be more difficult to implement or more expensive than anticipated or which may have unforeseen consequences to us and our customers.
- Our ability to develop and maintain secure and reliable electronic systems.
- Our ability to retain key executives and employees and the difficulty that we may experience in replacing key executives and employees in an effective manner.
- Consumer spending and saving habits which may change in a manner that affects our business adversely.
- Our ability to successfully integrate acquired businesses and future growth.
- The costs, effects and outcomes of existing or future litigation.
- Changes in accounting policies and practices, as may be adopted by state and federal regulatory agencies and the FASB.
- The economic impact of past and any future terrorist attacks, acts of war or threats thereof, and the response of the United States to any such threats and attacks.
- Our ability to effectively manage our credit risk.
- Our ability to forecast probable loan losses and maintain an adequate allowance for loan losses.
- The effects of declines in the value of our investment portfolio.
- Our ability to raise additional capital if needed.
- The effects of cyber-attacks.
- The effects of declines in real estate markets.

These risks and uncertainties should be considered in evaluating forward-looking statements and undue reliance should not be placed on such statements. Additional information concerning us and our business, including other factors that could materially affect our financial results, is included in “Item 1A. Risk Factors”.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Board of Directors and Stockholders
Landmark Bancorp, Inc. and Subsidiary
Manhattan, Kansas

Opinions on the Financial Statements and Internal Control over Financial Reporting

We have audited the accompanying consolidated balance sheets of Landmark Bancorp, Inc. and Subsidiaries (the "Company") as of December 31, 2017 and 2016, the related consolidated statements of earnings, comprehensive income, stockholders' equity, and cash flows for each of the years in the three-year period ended December 31, 2017, and the related notes (collectively referred to as the "financial statements"). We also have audited the Company's internal control over financial reporting as of December 31, 2017, 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 financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2017 and 2016, and the results of their operations and their cash flows for each of the years in the three-year period ended December 31, 2017 in conformity with accounting principles generally accepted in the United States of America. Also in our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2017, based on criteria established in Internal Control – Integrated Framework: (2013) issued by COSO.

Basis for Opinions

The Company's management is responsible for these financial statements, for maintaining effective internal control over financial reporting, and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control Over Financial Reporting. Our responsibility is to express an opinion on the Company's financial statements and an opinion on the Company's internal control over financial reporting based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("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 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, and whether effective internal control over financial reporting was maintained in all material respects.

Our audits of the financial statements 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 included 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. Our audit of internal control over financial reporting 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 audits also included performing such other procedures as we considered necessary in the circumstances. We believe that our audits provide a reasonable basis for our opinions.

Definition 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.

/s/ Crowe Chizek LLP

We have served as the Company's auditor since 2014.

Oak Brook, Illinois
March 14, 2018

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Consolidated Balance Sheets

(Dollars in thousands)

	December 31,	
	2017	2016
Assets		
Cash and cash equivalents	\$ 16,584	\$ 19,996
Investment securities available-for-sale, at fair value	387,983	385,563
Bank stocks, at cost	5,423	5,299
Loans, net of allowance for loans losses of \$5,459 and \$5,344	433,743	420,461
Loans held for sale, at fair value	6,535	5,517
Premises and equipment, net	20,824	20,407
Bank owned life insurance	23,698	18,314
Goodwill	17,532	17,532
Other intangible assets, net	3,659	3,986
Real estate owned, net	436	1,279
Accrued interest and other assets	13,037	13,028
Total assets	\$ 929,454	\$ 911,382
Liabilities and Stockholders' Equity		
Liabilities:		
Deposits:		
Non-interest bearing demand	\$ 160,496	\$ 152,012
Money market and checking	388,311	361,398
Savings	93,474	88,273
Time	123,277	139,838
Total deposits	765,558	741,521
Federal Home Loan Bank borrowings	31,600	39,100
Subordinated debentures	21,484	21,284
Other borrowings	13,509	12,483
Accrued interest and other liabilities	9,681	12,043
Total liabilities	841,832	826,431
Commitments and contingencies		
Stockholders' equity:		
Preferred stock, \$0.01 par, 200,000 shares authorized; none issued	-	-
Common stock, \$0.01 par, 7,500,000 shares authorized; 4,081,659 and 4,061,481 shares issued and outstanding at December 31, 2017 and 2016 respectively	41	38
Additional paid-in capital	57,772	51,968
Retained earnings	30,214	34,293
Accumulated other comprehensive loss	(405)	(1,348)
Total stockholders' equity	87,622	84,951
Total liabilities and stockholders' equity	\$ 929,454	\$ 911,382

See Notes to Consolidated Financial Statements.

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Consolidated Statements of Earnings

(Dollars in thousands, except per share amounts)

	Years ended December 31,		
	2017	2016	2015
Interest income:			
Loans:			
Taxable	\$ 20,952	\$ 21,010	\$ 21,077
Tax-exempt	134	244	268
Investment securities:			
Taxable	4,686	4,551	4,584
Tax-exempt	3,928	3,425	3,068
Total interest income	<u>29,700</u>	<u>29,230</u>	<u>28,997</u>
Interest expense:			
Deposits	1,569	1,134	1,071
Subordinated debentures	898	787	699
Borrowings	1,118	1,270	1,311
Total interest expense	<u>3,585</u>	<u>3,191</u>	<u>3,081</u>
Net interest income	26,115	26,039	25,916
Provision for loan losses	450	500	(700)
Net interest income after provision for loan losses	<u>25,665</u>	<u>25,539</u>	<u>26,616</u>
Non-interest income:			
Fees and service charges	7,358	7,268	7,331
Gains on sales of loans, net	5,390	5,476	7,993
Increase in cash surrender value of bank owned life insurance	912	508	514
Gains (losses) on sales of investment securities, net	498	558	(119)
Other	1,073	1,040	1,291
Total non-interest income	<u>15,231</u>	<u>14,850</u>	<u>17,010</u>
Non-interest expense:			
Compensation and benefits	15,141	15,313	15,230
Occupancy and equipment	4,283	4,334	4,252
Data processing	1,402	1,419	1,391
Amortization of intangibles	1,258	1,397	1,355
Professional fees	1,695	1,081	1,048
Advertising	589	573	618
Federal deposit insurance premiums	292	369	433
Foreclosure and real estate owned expense	238	258	65
Deposit-related loss	8,082	-	-
Other	4,444	4,370	4,814
Total non-interest expense	<u>37,424</u>	<u>29,114</u>	<u>29,206</u>
Earnings before income taxes	3,472	11,275	14,420
Income tax (benefit) expense	(897)	2,314	3,914
Net earnings	<u>\$ 4,369</u>	<u>\$ 8,961</u>	<u>\$ 10,506</u>
Earnings per share:			
Basic (1)	<u>\$ 1.07</u>	<u>\$ 2.24</u>	<u>\$ 2.71</u>
Diluted (1)	<u>\$ 1.06</u>	<u>\$ 2.20</u>	<u>\$ 2.64</u>

(1) All per share amounts have been adjusted to give effect to the 5% stock dividends paid during December 2017, 2016 and 2015.

See Notes to Consolidated Financial Statements.

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Consolidated Statements of Comprehensive Income

(Dollars in thousands)

	Years ended December 31,		
	2017	2016	2015
Net earnings	\$ 4,369	\$ 8,961	\$ 10,506
Net unrealized holding gains (losses) on available-for-sale securities	2,131	(5,021)	437
Less reclassification adjustment on (gains) losses included in earnings	(498)	(558)	119
Net unrealized gains (losses)	1,633	(5,579)	556
Income tax effect on net gains (losses) included in earnings	184	206	(44)
Income tax effect on net unrealized holding gains (losses)	(807)	1,850	(155)
Other comprehensive income (loss)	1,010	(3,523)	357
 Total comprehensive income	 \$ 5,379	 \$ 5,438	 \$ 10,863

See Notes to Consolidated Financial Statements.

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Consolidated Statements of Stockholders' Equity

(Dollars in thousands, except per share amounts)

	Common stock	Additional paid-in capital	Retained earnings	Accumulated other comprehensive income (loss)	Total
Balance at January 1, 2015	\$ 33	\$ 40,473	\$ 29,321	\$ 1,818	\$ 71,645
Net earnings	-	-	10,506	-	10,506
Other comprehensive income	-	-	-	357	357
Dividends paid (\$0.66 per share) (1)	-	-	(2,547)	-	(2,547)
Stock-based compensation	-	16	-	-	16
Exercise of stock options, 30,543 shares, including excess tax benefit of \$83	-	593	-	-	593
5% stock dividend, 167,250 shares	2	4,290	(4,292)	-	-
Balance at December 31, 2015	35	45,372	32,988	2,175	80,570
Net earnings	-	-	8,961	-	8,961
Other comprehensive loss	-	-	-	(3,523)	(3,523)
Dividends paid (\$0.73 per share) (1)	-	-	(2,912)	-	(2,912)
Stock-based compensation	-	59	-	-	59
Exercise of stock options, 141,103 shares,	1	1,795	-	-	1,796
5% stock dividend, 183,538 shares	2	4,742	(4,744)	-	-
Balance at December 31, 2016	38	51,968	34,293	(1,348)	84,951
Net earnings	-	-	4,369	-	4,369
Other comprehensive income	-	-	-	1,010	1,010
Tax reclassification from early adoption of ASU 2018-02	-	-	67	(67)	-
Dividends paid (\$0.76 per share) (1)	-	-	(3,108)	-	(3,108)
Stock-based compensation	-	172	-	-	172
Exercise of stock options, 17,540 shares	1	227	-	-	228
5% stock dividend, 193,306 shares	2	5,405	(5,407)	-	-
Balance at December 31, 2017	\$ 41	\$ 57,772	\$ 30,214	\$ (405)	\$ 87,622

(1) Dividends per share have been adjusted to give effect to the 5% stock dividends paid during December 2017, 2016 and 2015.

See Notes to Consolidated Financial Statements.

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Consolidated Statements of Cash Flows

(Dollars in thousands)

	Years ended December 31,		
	2017	2016	2015
Cash flows from operating activities:			
Net earnings	\$ 4,369	\$ 8,961	\$ 10,506
Adjustments to reconcile net earnings to net cash provided by operating activities:			
Provision for loan losses	450	500	(700)
Valuation allowance on real estate owned	210	34	9
Amortization of investment security premiums, net	1,888	1,677	1,536
Amortization of purchase accounting adjustment on loans	(188)	(143)	(542)
Amortization of purchase accounting adjustment on subordinated debentures	200	200	200
Amortization of intangibles	1,258	1,397	1,355
Depreciation	1,030	1,144	1,162
Increase in cash surrender value of bank owned life insurance	(912)	(508)	(514)
Stock-based compensation	172	59	16
Deferred income taxes	487	919	625
Net (gain) loss on investment securities	(498)	(558)	119
Impairment of affordable housing investment	-	-	163
Net (gain) loss on sales of premises and equipment and foreclosed assets	(17)	89	(244)
Net gains on sales of loans	(5,390)	(5,476)	(7,993)
Proceeds from sale of loans	173,719	222,857	290,731
Origination of loans held for sale	(169,347)	(208,433)	(286,532)
Changes in assets and liabilities:			
Accrued interest and other assets	(2,013)	(2,398)	(2,530)
Accrued interest, expenses and other liabilities	(2,362)	(1,304)	(329)
Net cash provided by operating activities	<u>3,056</u>	<u>19,017</u>	<u>7,038</u>
Cash flows from investing activities:			
Net increase in loans	(13,785)	(2,159)	(3,636)
Maturities and prepayments of investment securities	59,198	41,837	55,426
Purchases of investment securities	(75,186)	(94,060)	(89,627)
Proceeds from sale of investment securities	13,810	14,326	30,610
Redemption of bank stocks	9,099	4,686	13,412
Purchase of bank stocks	(9,223)	(5,488)	(13,902)
Proceeds from sales of premises and equipment and foreclosed assets	856	813	570
Proceeds from bank owned life insurance	528	358	-
Purchase of bank owned life insurance	(5,000)	-	-
Purchases of premises and equipment, net	(1,449)	(596)	(1,223)
Net cash used in investing activities	<u>(21,152)</u>	<u>(40,283)</u>	<u>(8,370)</u>
Cash flows from financing activities:			
Net increase in deposits	24,038	26,800	10,184
Federal Home Loan Bank advance borrowings	622,241	417,739	327,948
Federal Home Loan Bank advance repayments	(629,741)	(416,239)	(333,601)
Proceeds from other borrowings	1,126	509	3,309
Repayments on other borrowings	(100)	-	(3,745)
Proceeds from exercise of stock options	228	1,796	593
Payment of dividends	(3,108)	(2,912)	(2,547)
Net cash provided by financing activities	<u>14,684</u>	<u>27,693</u>	<u>2,141</u>
Net (decrease) increase in cash and cash equivalents	(3,412)	6,427	809
Cash and cash equivalents at beginning of year	<u>19,996</u>	<u>13,569</u>	<u>12,760</u>
Cash and cash equivalents at end of year	<u>\$ 16,584</u>	<u>\$ 19,996</u>	<u>\$ 13,569</u>

(continued)

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Consolidated Statements of Cash Flows, Continued

(Dollars in thousands)

	Years ended December 31,		
	2017	2016	2015
Supplemental disclosure of cash flow information:			
Cash paid during the year for income taxes	\$ 850	\$ 945	\$ 3,390
Cash paid during the year for interest	3,380	3,016	3,092
Supplemental schedule of noncash investing and financing activities:			
Transfer of loans to real estate owned	\$ 206	\$ 1,212	\$ 1,024
Investment securities purchases not yet settled	-	926	2,015

See Notes to Consolidated Financial Statements.

LANDMARK BANCORP, INC. AND SUBSIDIARIES
Notes to Consolidated Financial Statements

(1) Summary of Significant Accounting Policies

Principles of Consolidation. The accompanying consolidated financial statements include the accounts of Landmark Bancorp, Inc. and its wholly owned subsidiaries, Landmark National Bank and Landmark Risk Management Inc. All intercompany balances and transactions have been eliminated in consolidation. The Bank, considered a single operating segment, is principally engaged in the business of attracting deposits from the general public and using such deposits, together with borrowings and other funds, to originate one-to-four family residential real estate, construction and land, commercial real estate, commercial, agriculture, municipal and consumer loans. Landmark Risk Management, Inc. provides property and casualty insurance coverage to the Company and the Bank for which insurance may not be currently available or economically feasible in today's insurance marketplace. Landmark Risk Management, Inc. pools resources with several other similar insurance company subsidiaries of financial institutions to spread a limited amount of risk among themselves.

Use of Estimates. The preparation of the consolidated financial statements in conformity with U.S. generally accepted accounting principles requires the Company to make estimates and assumptions that affect the reported amount of assets and liabilities and disclosure of contingent assets and liabilities at the date of the consolidated financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

Business Combinations. At the date of acquisition, the Company records the net assets acquired and liabilities assumed on the consolidated balance sheet at their estimated fair values, and goodwill is recognized for the excess purchase price over the estimated fair value of acquired net assets. The results of operations for acquired companies are included in the Company's consolidated statement of earnings beginning at the acquisition date. Expenses arising from the acquisition activities are recorded in the consolidated statement of earnings during the period incurred.

Reserve Requirements. Regulations of the Federal Reserve require reserves to be maintained by all banking institutions according to the types and amounts of certain deposit liabilities. These requirements restrict a portion of the amounts shown as consolidated cash and due from banks from everyday usage in the operation of banks. As of December 31, 2017 and 2016, the Bank did not have a minimum reserve requirement.

Cash Flows. Cash and cash equivalents include cash on hand and amounts due from banks with original maturities of fewer than 90 days, and are carried at cost. Net cash flows are reported for customer loan and deposit transactions.

Investment Securities. The Company has classified its investment securities portfolio as available-for-sale. Available-for-sale securities are recorded at fair value with unrealized gains and losses excluded from earnings and reported as a separate component of stockholders' equity, net of taxes. Interest income includes amortization of purchase premium or discount. Premiums and discounts on securities are amortized on the level-yield method without anticipating prepayments, except for mortgage backed securities where prepayments are anticipated. Realized gains and losses on sales of available-for-sale securities are recorded on a trade date basis and are calculated using the specific identification method.

The Company performs quarterly reviews of the investment portfolio to evaluate investment for other-than-temporary impairment. The initial review begins with all securities in an unrealized loss position. The Company's assessment of other-than-temporary impairment is based on its judgment of the specific facts and circumstances impacting each individual security at the time such assessments are made. The Company reviews and considers all factual information, including expected cash flows, the structure of the security, the credit quality of the underlying assets and the current and anticipated market conditions. Any credit-related impairment on debt securities is recorded through a charge to earnings. Impairment related to other factors is recognized in other comprehensive income. However, if the Company intends to sell or it is more likely than not that it will be required to sell a security in an unrealized loss position before recovery of its amortized costs basis, the entire impairment is recorded through a charge to earnings. If an equity security is determined to be other-than-temporarily impaired, the entire impairment is recorded through a charge to earnings.

Bank Stocks. Bank stocks are investments acquired for regulatory purposes and borrowing availability and are accounted for at cost. The cost of such investments represents their redemption value as such investments do not have a

readily determinable fair value. The Company evaluates bank stocks for other-than-temporary impairment by analyzing the ultimate recoverability based on a credit analysis of the issuer.

Acquired Loans. Acquired loans are recorded at estimated fair value at the time of acquisition and accounted for under ASC 310-20. The Company's acquired loans were not acquired with deteriorated credit quality. Estimated fair values of acquired loans are based on a discounted cash flow methodology that considers various factors including the type of loan and related collateral, the expected timing of cash flows, classification status, fixed or variable interest rate, term of loan and whether or not the loan is amortizing, and a discount rate reflecting the Company's assessment of risk inherent in the cash flow estimates. Discounts or premiums created when acquired loans are recorded at their estimated fair values are accreted or amortized over the remaining term of the loan as an adjustment to the related loan's yield. Similar to originated loans described below, the accrual of interest income on acquired loans is discontinued when the collection of principal or interest, in whole or in part, is doubtful.

Loans. Loans receivable that management has the intent and ability to hold for the foreseeable future or until maturity or pay-off are reported at their outstanding principal balances, net of undisbursed loan proceeds, the allowance for loan losses, and any deferred fees or costs on originated loans. Origination fees received on loans held in portfolio and the estimated direct costs of origination are deferred and amortized to interest income using the interest method.

A loan is considered impaired when, based on current information and events, it is probable that the Company will be unable to collect the scheduled payments of principal or interest when due according to the contractual terms of the loan agreement. Factors considered by management in determining if a loan is impaired include payment status, probability of collecting scheduled principal and interest payments when due and value of collateral for collateral dependent loans. Loans that experience insignificant payment delays and payment shortfalls generally are not classified as impaired. Management determines the significance of payment delays and payment shortfalls on a case-by-case basis, taking into consideration all of the circumstances surrounding the loan and the borrower, including the length of the delay, the reasons for the delay, the borrower's prior payment record, and the amount of the shortfall in relation to the principal and interest owed. In addition, the Company classifies troubled debt restructurings ("TDR") as impaired loans. A loan is classified as a TDR if the Company modifies a loan with any concessions, as defined by accounting guidance, to a borrower experiencing financial difficulty. The allowance recorded on impaired loans is measured on a loan-by-loan basis for commercial, commercial real estate, agriculture and construction loans by either the present value of expected future cash flows discounted at the loan's effective interest rate, the loan's obtainable market price, or the fair value of the collateral if the loan is collateral dependent. Large groups of homogeneous loans with smaller individual balances are collectively evaluated for impairment. Accordingly, the Company generally does not separately identify individual consumer and residential loans for impairment disclosures.

The accrual of interest on non-performing loans is discontinued at the time the loan is ninety days delinquent, unless the credit is well-secured and in process of collection. Loans are placed on non-accrual or are charged off at an earlier date if collection of the principal or interest is considered doubtful. All interest accrued but not collected for loans that are placed on non-accrual or charged off is reversed against interest income. The interest on these loans is accounted for on the cash-basis or cost-recovery method, until qualifying for return to accrual. Loans are evaluated individually and are returned to accrual status when all principal and interest amounts contractually due are brought current and future payments are reasonably assured.

Allowance for Loan Losses. The Company maintains an allowance for loan losses to absorb probable incurred loan losses in the loan portfolio. The allowance for loan losses is increased by charges to earnings and decreased by charge-offs (net of recoveries). The evaluation of the allowance for loan losses groups loans by loan class and includes one-to-four family residential real estate, construction and land, commercial real estate, commercial, agriculture, municipal and consumer loans. Management's periodic evaluation of the appropriateness of the allowance is based on the Company's loan loss experience known and inherent risks in the portfolio, adverse situations that may affect the borrower's ability to repay, the estimated value of any underlying collateral, the current level of non-performing assets, and current economic conditions. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available. The allowance is also subject to regulatory examinations and a determination by the regulatory agencies as to the appropriate level of the allowance.

In addition to the general component the allowance consists of a specific component. The specific component relates to loans that are individually classified as impaired when, based on current information and events, it is probable that

the Company will be unable to collect all amounts due according to the contractual terms of the loan agreement. Loans for which the terms have been modified resulting in a concession, and for which the borrower is experiencing financial difficulties, are considered TDRs and classified as impaired.

Loans Held for Sale. Mortgage loans originated and intended for sale in the secondary market are carried at fair value. The fair value includes the servicing value of the loans as well as any accrued interest.

Mortgage loans held for sale are generally sold with servicing rights retained. The carrying value of mortgage loans sold is reduced by the amount allocated to the servicing right. Gains and losses on sales of mortgage loans are based on the difference between the selling price and the carrying value of the related loan sold.

Mortgage Servicing Rights. When mortgage loans are sold with servicing retained, servicing rights are initially recorded at fair value with the income statement effect recorded in gains on sales of loans. 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. All classes of servicing assets are subsequently measured using the amortization method which requires servicing rights to be recorded in amortization of intangibles in proportion to, and over the period of, the estimated future net servicing income of the underlying loans.

Servicing rights are evaluated for impairment based upon the fair value of the rights as compared to carrying amount. Impairment is determined by stratifying rights into groupings based on predominant risk characteristics, such as interest rate, loan type and investor type. Impairment is recognized through a valuation allowance for an individual grouping, to the extent that fair value is less than the carrying amount. If the Company later determines that all or a portion of the impairment no longer exists for a particular grouping, a reduction of the allowance may be recorded as an increase to income. Changes in valuation allowances are included in amortization expense on the income statement. The fair values of servicing rights are subject to significant fluctuations as a result of changes in estimated and actual prepayment speeds and default rates and losses.

Transfers of Financial Assets. Transfers of financial assets are accounted for as sales when control over the assets has been relinquished. Control over transferred assets is deemed to be surrendered when the assets have been isolated from the Company, 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 the Company does not maintain effective control over the transferred assets through an agreement to repurchase them before their maturity.

Mortgage Loan Repurchase Reserve. The Company routinely sells one-to-four family residential mortgage loans to secondary mortgage market investors. Under standard representations and warranties clauses in the Company's mortgage sale agreements, the Company may be required to repurchase mortgage loans sold or reimburse the investors for credit losses incurred on those loans if a breach of the contractual representations and warranties occurred. The Company establishes a mortgage repurchase liability in an amount equal to management's estimate of losses on loans for which the Company could have a repurchase obligation or loss reimbursement. The estimated liability incorporates the volume of loans sold in previous periods, default expectations, historical investor repurchase demand and actual loss severity. Provisions to the mortgage repurchase reserve reduce gains on sales of loans.

Premises and Equipment. Land is carried at cost. Premises and equipment are stated at cost less accumulated depreciation. Major replacements and betterments are capitalized while maintenance and repairs are charged to expense when incurred. Gains or losses on dispositions are reflected in earnings as incurred.

Bank Owned Life Insurance. The Company has purchased life insurance policies on certain key executives. Bank owned life insurance is recorded 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 other amounts due that are probable at settlement.

Goodwill and Intangible Assets. Goodwill is not amortized; however, it is tested for impairment at each calendar year end or more frequently when events or circumstances dictate. The impairment test compares the carrying value of goodwill to an implied fair value of the goodwill, which is based on a review of the Company's market capitalization adjusted for appropriate control premiums as well as an analysis of valuation multiples of recent, comparable acquisitions. The Company considers the result from each of these valuation methods in determining the implied fair value of its goodwill. A goodwill impairment would be recorded for the amount that the carrying value exceeds the implied fair value.

Intangible assets include core deposit intangibles, lease intangibles and mortgage servicing rights. Core deposit intangible assets are amortized over their estimated useful life of ten years on an accelerated basis. Lease intangible assets are amortized over the life of the lease. When facts and circumstances indicate potential impairment, the Company will evaluate the recoverability of the intangible asset's carrying value, using estimates of undiscounted future cash flows over the remaining asset life. Any impairment loss is measured by the excess of carrying value over fair value.

Income Taxes. The objective of accounting for income taxes is to recognize the amount of taxes payable or refundable for the current year and deferred tax liabilities and assets for the future tax consequences of events that have been recognized in an entity's financial statements or tax returns. Judgment is required in assessing the future tax consequences of events that have been recognized in financial statements or tax returns. Uncertain income tax positions will be recognized only if it is more likely than not that they will be sustained upon examination by taxing authorities, based upon their technical merits. Once that standard is met, the amount recorded will be the largest amount of benefit that has a greater than 50 percent likelihood of being realized upon ultimate settlement. The Company recognizes interest and penalties related to unrecognized tax benefits as a component of income tax expense in the consolidated statements of earnings. The Company assesses deferred tax assets to determine if the items are more likely than not to be realized, and a valuation allowance is established for any amounts that are not more likely than not to be realized.

Loan Commitments and Related Financial Instruments. Financial instruments include off-balance sheet credit instruments, such as commitments to make loans and commercial letters of credit, issued to meet customer financing needs. The face amount for these items represents the exposure to loss, before considering customer collateral or ability to repay. Such financial instruments are recorded when they are funded.

Loss Contingencies. Loss contingencies, including claims and legal actions arising in the ordinary course of business, are recorded as liabilities when the likelihood of loss is probable and an amount or range of loss can be reasonably estimated. Management does not believe there now are such matters that will have a material effect on the financial statements.

Comprehensive Income. Comprehensive income consists of net income and other comprehensive income. Other comprehensive income includes unrealized gains and losses on securities available for sale, net of tax which are also recognized as separate components of equity.

Real Estate Owned. Assets acquired through, or in lieu of, foreclosure are initially recorded at fair value less costs to sell when acquired, establishing a new cost basis. Physical possession of residential real estate property collateralizing a consumer mortgage loan occurs when legal title is obtained upon completion of foreclosure or when the borrower conveys all interest in the property to satisfy the loan through completion of a deed in lieu of foreclosure or through a similar legal agreement. These assets are subsequently accounted for at lower of cost or fair value less estimated costs to sell. If fair value declines subsequent to foreclosure, a valuation allowance is recorded through expense. Operating costs after acquisition are expensed.

Stock-Based Compensation. The Company uses the Black-Scholes option pricing model to estimate the grant date fair value of its stock options, which is recognized as compensation expense over the option vesting period, on a straight-line basis, which is typically four or five years. The fair value of restricted common stock is equal to the Company's stock price on the grant date, which is recognized as compensation expense on a straight-line basis over the vesting period.

In the fourth quarter of 2016, the Company elected to early adopt ASU 2016-09 Compensation- Stock Compensation (Topic 718). As a result of this election, the Company recognized \$116,000 and \$308,000 of excess tax benefits from the exercise of stock options as a reduction in income tax expense during 2017 and 2016. Also upon early adoption of ASU 2016-09, the Company elected to change its accounting policy to account for forfeitures as they occur. The change in accounting for forfeitures did not impact the consolidated financial statements.

Earnings per Share. Basic earnings per share represent net earnings divided by the weighted average number of common shares outstanding during the year. Diluted earnings per share reflect additional common shares that would have been outstanding if dilutive potential common shares had been issued. The diluted earnings per share computations for 2017, 2016 and 2015 include all unexercised stock options.

The shares used in the calculation of basic and diluted earnings per share, which have been adjusted to give effect to the 5% common stock dividends paid by the Company in December 2017, 2016 and 2015, are shown below:

(Dollars in thousands, except per share amounts)

	Years ended December 31,		
	2017	2016	2015
Net earnings available to common shareholders	\$ 4,369	\$ 8,961	\$ 10,506
Weighted average common shares outstanding - basic	4,065,291	3,997,094	3,866,829
Assumed exercise of stock options	70,640	68,568	115,450
Weighted average common shares outstanding - diluted	4,135,931	4,065,662	3,982,279
Earnings per share:			
Basic	\$ 1.07	\$ 2.24	\$ 2.71
Diluted	\$ 1.06	\$ 2.20	\$ 2.64

Derivative Financial Instruments. Commitments to fund mortgage loans (interest rate locks) to be sold into the secondary market and forward commitments for the future delivery of these mortgage loans are accounted for as free standing derivatives. The fair value of the interest rate lock is recorded at the time the commitment to fund the mortgage loan is executed and is adjusted for the expected exercise of the commitment before the loan is funded. In order to hedge the change in interest rates resulting from its commitments to fund the loans, the Company enters into forward commitments for the future delivery of mortgage loans when interest rate locks are entered into. Fair values of these mortgage derivatives are estimated based on changes in mortgage interest rates from the date the interest on the loan is locked. Changes in the fair values of these derivatives are included in net gains on sales of loans.

Dividend Restriction. Banking regulations require maintaining certain capital levels and may limit the dividends paid by the bank to the holding company or by the holding company to shareholders.

Fair Value of Financial Instruments. Fair values of financial instruments are estimated using relevant market information and other assumptions, as more fully disclosed in a separate note. Fair value estimates involve uncertainties and matters of significant judgment regarding interest rates, credit risk, prepayments, and other factors, especially in the absence of broad markets for particular items. Changes in assumptions or in market conditions could significantly affect these estimates.

(2) Impact of Recent Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board (“FASB”) issued ASU 2014-09, Revenue from Contracts with Customers (Topic 606). The main provisions of the update require the identification of performance obligations within a contract and require the recognition of revenue based on a stand-alone allocation of contract revenue to each performance obligation. Performance obligations may be satisfied and revenue recognized over a period of time if: 1) the customer simultaneously receives and consumes the benefits provided by the entity’s performance as the entity performs, or 2) the entity’s performance creates or enhances an asset that the customer controls as the asset is created or enhanced, or 3) the entity’s performance does not create an asset with an alternative use to the entity, and the entity has an enforceable right to payment for performance completed to date. For public entities the amendments of the update are effective for annual reporting periods beginning after December 15, 2017 including interim periods within that reporting period. The Company has adopted ASU 2014-09 effective January 1, 2018. The Company’s revenue is primarily comprised of net interest income on financial asset and liabilities, which are excluded from the scope of ASU 2014-09. Management has concluded that the adoption of ASU 2014-09 does not have a material impact on the Company’s financial position, results of operations or cash flows. The most significant impact of ASU 2014-09 is additional disclosures required for non-interest income.

In January 2016, the FASB issued ASU 2016-01, Financial Instruments (Topic 825): Recognition and Measurement of Financial Assets and Liabilities. The main provisions of the update are to eliminate the available for sale classification of accounting for equity securities and to adjust the fair value disclosures for financial instruments carried at amortized costs such that the disclosed fair values represent an exit price as opposed to an entry price. The provisions of this update will require that equity securities be carried at fair market value on the balance sheet and any periodic changes in value will be adjustments to the income statement. A practical expedient is provided for equity securities without a readily determinable fair value, such that these securities can be carried at cost less any impairment. The provisions of this update become effective for interim and annual periods beginning after December 15, 2017. The Company adopted ASU

2016-01 effective January 1, 2018. Effective January 1, 2018, changes in the value of the Company's common stock investments are adjustments to the income statement. Additionally, the disclosure of fair value of the loan portfolio is presented using an exit price method instead of the current discounted cash flow. Management has concluded that the remaining requirements of this update do not have a material impact to the Company's financial position, results of operations or cash flows.

In February 2016, the FASB issued an update (ASU No. 2016-02, Leases) creating FASB Topic 842, Leases. The guidance is intended to increase transparency and comparability among organizations by recognizing lease assets and lease liabilities on the balance sheet and requiring more disclosures related to leasing transactions. The amendments in this update are effective for fiscal years, and interim periods within those years, beginning after December 15, 2018. Early adoption is permitted. Management has concluded that based on the Company's current operating leases, the adoption of ASU 2016-02 will not have a material impact on the Company's consolidated financial statement and related disclosures.

In March 2016, the FASB issued an update, ASU No. 2016-09, Stock Compensation: Improvements to Employee Share-Based Payment Accounting. The guidance in this update affects any entity that issues share-based payment awards including income tax consequences, classification of awards as either equity or liabilities, and classification on the statement of cash flow. The amendments in this update are effective for fiscal years, and interim periods within those years, beginning after December 15, 2016. Early adoption was permitted. The Company elected to adopt ASU 2016-09 in 2016. As a result of this election, income tax expense decreased by \$308,000 during 2016 as a result of recognized excess tax benefits from the exercise of stock options. The presentation of excess tax benefits from the exercise of stock options have been presented on a prospective basis and are included in changes in accrued interest and other assets in the operating activities section of the statement of cash flows. The Company's excess tax benefits from the exercise of stock options totaled \$103,000 in 2017 and \$308,000 in 2016.

In June 2016, the FASB issued ASU 2016-13, Financial Instruments - Credit Losses (Topic 326), commonly referred to as "CECL." The provisions of the update eliminate the probable initial recognition threshold under current GAAP which requires reserves to be based on an incurred loss methodology. Under CECL, reserves required for financial assets measured at amortized cost will reflect an organization's estimate of all expected credit losses over the expected term of the financial asset and thereby require the use of reasonable and supportable forecasts to estimate future credit losses. Because CECL encompasses all financial assets carried at amortized cost, the requirement that reserves be established based on an organization's reasonable and supportable estimate of expected credit losses extends to held to maturity debt securities. Under the provisions of the update, credit losses recognized on available for sale debt securities will be presented as an allowance as opposed to a write-down. In addition, CECL will modify the accounting for purchased loans, with credit deterioration since origination, so that reserves are established at the date of acquisition for purchased loans. Under current GAAP a purchased loan's contractual balance is adjusted to fair value through a credit discount and no reserve is recorded on the purchased loan upon acquisition. Since under CECL reserves will be established for purchased loans at the time of acquisition, the accounting for purchased loans is made more comparable to the accounting for originated loans. Finally, increased disclosure requirements under CECL oblige organizations to present the currently required credit quality disclosures disaggregated by the year of origination or vintage. FASB expects that the evaluation of underwriting standards and credit quality trends by financial statement users will be enhanced with the additional vintage disclosures. For public entities, the amendments of the update are effective beginning January 1, 2020. Management has initiated an implementation committee to assist in assessing data and system needs for the new standard. Management anticipates the effect will be an increase to the allowance for loan losses upon adoption. However, the size of the overall increase is uncertain at this time.

In August 2016, the FASB issued ASU No. 2016-15, Statement of Cash Flows (Topic 230): Classification of Certain Cash Receipts and Payments (a consensus of Emerging Issues Task Force). This ASU attempts to clarify how certain cash receipts and cash payments are presented and classified in the statement of cash flows. The purpose of this update is to reduce existing diversity in practice in eight areas addressed by the update. The amendments in this update are effective for fiscal years, and interim periods within those years, beginning after December 15, 2017. Early adoption is permitted. Management has concluded that the adoption of ASU 2016-15 will not have a material impact on the Company's consolidated financial statements and related disclosures.

In March 2017, the FASB issued ASU 2017-08, Receivables - Nonrefundable Fees and Other Costs (Subtopic 310-20): Premium Amortization on Purchased Callable Debt Securities. The amendments in this update shorten the amortization period for certain callable debt securities held at a premium. Specifically, the amendments require the

premium to be amortized to the earliest call date. The amendments do not require an accounting change for securities held at a discount; the discount continues to be amortized to maturity. The provisions of this update become effective for interim and annual periods beginning after December 15, 2018. Management has concluded that based on the Company's current portfolio of investment securities that the adoption of these amendments will result in a shorter amortization period for investment security premiums; however, the impact will not be material to interest income on investment securities.

In February 2018, the FASB issued ASU 2018-02, Income Statement-Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income. On December 22, 2017, the Tax Cuts and Jobs Act of 2017 was signed into law, which among other things reduced the maximum federal corporate tax rate from 35% to 21%. This ASU addresses concerns about the guidance in current GAAP that requires deferred tax liabilities and assets to be adjusted for the effect of a change in tax laws or rates with the effect included in income from continuing operations in the reporting period that includes the enactment date. That guidance is applicable even in situations in which the related income tax effects of items in accumulated other comprehensive income were originally recognized in other comprehensive income (rather than in income from continuing operations). As a result of the adjustment of deferred taxes being required to be included in income from continuing operations, the tax effects of items within accumulated other comprehensive income (referred to as stranded tax effects for purposes of this ASU) do not reflect the appropriate tax rate. This ASU allows for an election to reclass between retained earnings and AOCI the impact of the federal income tax rate change. The amendments in this ASU are effective for fiscal years beginning after December 15, 2018 and interim periods within those fiscal years. Early adoption of the amendments of this ASU is permitted. ASU 2018-02 was early adopted and the December 31, 2017 financial statements reflect the reclassification out of accumulated other comprehensive income and into retained earnings for \$67,000.

(3) Investment Securities

A summary of investment securities available-for-sale is as follows:

(Dollars in thousands)

	As of December 31, 2017			
	Amortized cost	Gross unrealized gains	Gross unrealized losses	Estimated fair value
U. S. treasury securities	\$ 1,999	\$ -	\$ (9)	\$ 1,990
U. S. federal agency obligations	16,572	5	(85)	16,492
Municipal obligations, tax exempt	183,846	1,972	(1,080)	184,738
Municipal obligations, taxable	57,783	409	(216)	57,976
Agency mortgage-backed securities	119,096	92	(1,633)	117,555
Certificates of deposit	9,224	-	-	9,224
Common stocks	-	8	-	8
Total	\$ 388,520	\$ 2,486	\$ (3,023)	\$ 387,983

	As of December 31, 2016			
	Amortized cost	Gross unrealized gains	Gross unrealized losses	Estimated fair value
U. S. treasury securities	\$ 6,005	\$ 10	\$ -	\$ 6,015
U. S. federal agency obligations	27,140	48	(49)	27,139
Municipal obligations, tax exempt	163,632	696	(2,666)	161,662
Municipal obligations, taxable	71,371	463	(271)	71,563
Agency mortgage-backed securities	109,427	171	(1,222)	108,376
Certificates of deposit	9,700	-	-	9,700
Common stocks	458	650	-	1,108
Total	\$ 387,733	\$ 2,038	\$ (4,208)	\$ 385,563

The tables above show that some of the securities in the available-for-sale investment portfolio had unrealized losses, or were temporarily impaired, as of December 31, 2017 and 2016. This temporary impairment represents the estimated amount of loss that would be realized if the securities were sold on the valuation date. Securities which were temporarily impaired are shown below, along with the length of time in a continuous unrealized loss position.

(Dollars in thousands)

	No. of securities	As of December 31, 2017					
		Less than 12 months		12 months or longer		Total	
		Fair value	Unrealized losses	Fair value	Unrealized losses	Fair value	Unrealized losses
U.S. federal treasury securities	1	\$ 1,990	\$ (9.00)	\$ -	\$ -	\$ 1,990	\$ (9)
U.S. federal agency obligations	14	7,989	(24)	8,272	(61)	16,261	(85)
Municipal obligations, tax exempt	178	37,299	(273)	31,930	(807)	69,229	(1,080)
Municipal obligations, taxable	73	18,792	(96)	9,744	(120)	28,536	(216)
Agency mortgage-backed securities	79	68,630	(620)	39,844	(1,013)	108,474	(1,633)
Total	345	\$ 134,700	\$ (1,022)	\$ 89,790	\$ (2,001)	\$ 224,490	\$ (3,023)

	No. of securities	As of December 31, 2016					
		Less than 12 months		12 months or longer		Total	
		Fair value	Unrealized losses	Fair value	Unrealized losses	Fair value	Unrealized losses
U.S. federal agency obligations	9	\$ 15,056	\$ (49)	\$ -	\$ -	\$ 15,056	\$ (49)
Municipal obligations, tax exempt	275	97,842	(2,666)	-	-	97,842	(2,666)
Municipal obligations, taxable	66	26,184	(271)	-	-	26,184	(271)
Agency mortgage-backed securities	58	83,011	(1,222)	-	-	83,011	(1,222)
Total	408	\$ 222,093	\$ (4,208)	\$ -	\$ -	\$ 222,093	\$ (4,208)

The Company's U.S. treasury portfolio consists of securities issued by the United States Department of the Treasury. The receipt of principal and interest on U.S. treasury securities is guaranteed by the full faith and credit of the U.S. government. Based on these factors, along with the Company's intent to not sell the security and its belief that it was more likely than not that the Company will not be required to sell the security before recovery of its cost basis, the Company believed that the U.S. treasury security identified in the table above was temporarily impaired as of December 31, 2017.

The Company's U.S. federal agency portfolio consists of securities issued by the government-sponsored agencies of Federal Home Loan Mortgage Corporation ("FHLMC"), Federal National Mortgage Association ("FNMA") and the FHLB. The receipt of principal and interest on U.S. federal agency obligations is guaranteed by the respective government-sponsored agency guarantor, such that the Company believes that its U.S. federal agency obligations do not expose the Company to credit-related losses. Based on these factors, along with the Company's intent to not sell the securities and its belief that it was more likely than not that the Company will not be required to sell the securities before recovery of their cost basis, the Company believed that the U.S. federal agency obligations identified in the tables above were temporarily impaired.

The Company's portfolio of municipal obligations consists of both tax-exempt and taxable general obligations securities issued by various municipalities. As of December 31, 2017, the Company did not intend to sell and it is more likely than not that the Company will not be required to sell its municipal obligations in an unrealized loss position until the recovery of its cost. Due to the issuers' continued satisfaction of the securities' obligations in accordance with their contractual terms and the expectation that they will continue to do so, the evaluation of the fundamentals of the issuers' financial condition and other objective evidence, the Company believed that the municipal obligations identified in the tables above were temporarily impaired.

The Company's agency mortgage-backed securities portfolio consists of securities underwritten to the standards of and guaranteed by the government-sponsored agencies of FHLMC, FNMA and the Government National Mortgage Association. The receipt of principal, at par, and interest on agency mortgage-backed securities is guaranteed by the respective government-sponsored agency guarantor, such that the Company believed that its agency mortgage-backed securities did not expose the Company to credit-related losses. Based on these factors, along with the Company's intent to not sell the securities and the Company's belief that it was more likely than not that the Company will not be required to sell the securities before recovery of their cost basis, the Company believed that the agency mortgage-backed securities identified in the tables above were temporarily impaired.

The table below includes scheduled principal payments and estimated prepayments, based on observable market inputs, for agency mortgage-backed securities. Actual maturities will differ from contractual maturities because borrowers have the right to prepay obligations with or without prepayment penalties.

The amortized cost and fair value of investment securities at December 31, 2017 are as follows:

<i>(Dollars in thousands)</i>	Amortized cost	Estimated fair value
Due in less than one year	\$ 27,070	\$ 27,020
Due after one year but within five years	179,877	178,439
Due after five years but within ten years	94,632	94,663
Due after ten years	86,941	87,853
Common stocks	-	8
Total	<u>\$ 388,520</u>	<u>\$ 387,983</u>

Sales proceeds and gross realized gains and losses on sales of available-for-sale securities are as follows:

<i>(Dollars in thousands)</i>	Years ended December 31,		
	2017	2016	2015
Sales proceeds	<u>\$ 13,810</u>	<u>\$ 14,326</u>	<u>\$ 30,610</u>
Realized gains	\$ 522	\$ 573	\$ 230
Realized losses	(24)	(15)	(349)
Net realized gains (losses)	<u>\$ 498</u>	<u>\$ 558</u>	<u>\$ (119)</u>

Securities with carrying values of \$232.5 million and \$224.3 million were pledged to secure public funds on deposit, repurchase agreements and as collateral for borrowings at December 31, 2017 and 2016, respectively. Except for U.S. federal agency obligations, no investment in a single issuer exceeded 10% of consolidated stockholders' equity.

(4) Bank Stocks

Bank stocks primarily consist of restricted investments in FHLB and Federal Reserve Bank ("FRB") stock. The carrying value of the FHLB stock at December 31, 2017 was \$3.4 million compared to \$3.3 million at December 31, 2016. The carrying value of the FRB stock was \$1.9 million at both December 31, 2017 and 2016. These securities are not readily marketable and are required for regulatory purposes and borrowing availability. Since there are no available market values, these securities are carried at cost. Redemption of these investments at par value is at the option of the FHLB or FRB. Also included in Bank stocks are other miscellaneous investments in the common stock of various correspondent banks which are held for borrowing purposes and totaled \$111,000 at December 31, 2017 and 2016.

(5) Loans and Allowance for Loan Losses

Loans consist of the following:

(Dollars in thousands)	As of December 31,	
	2017	2016
One-to-four family residential real estate loans	\$ 136,215	\$ 136,846
Construction and land loans	19,356	13,738
Commercial real estate loans	120,624	118,200
Commercial loans	54,591	54,506
Agriculture loans	83,008	78,324
Municipal loans	3,396	3,884
Consumer loans	22,046	20,271
Total gross loans	439,236	425,769
Net deferred loan costs and loans in process	(34)	36
Allowance for loan losses	(5,459)	(5,344)
Loans, net	\$ 433,743	\$ 420,461

The following tables provide information on the Company's allowance for loan losses by loan class and allowance methodology:

(Dollars in thousands)

	Year ended December 31, 2017							Total
	One-to-four family residential real estate loans	Construction and land loans	Commercial real estate loans	Commercial loans	Agriculture loans	Municipal loans	Consumer loans	
Allowance for loan losses:								
Balance at January 1, 2017	\$ 504	\$ 53	\$ 1,777	\$ 1,119	\$ 1,684	\$ 12	\$ 195	\$ 5,344
Charge-offs	(37)	-	(71)	-	(45)	-	(335)	(488)
Recoveries	11	-	-	20	1	37	84	153
Provision for loan losses	64	128	(166)	87	172	(41)	206	450
Balance at December 31, 2017	542	181	1,540	1,226	1,812	8	150	5,459
Allowance for loan losses:								
Individually evaluated for loss	73	102	52	391	24	-	-	642
Collectively evaluated for loss	469	79	1,488	835	1,788	8	150	4,817
Total	542	181	1,540	1,226	1,812	8	150	5,459
Loan balances:								
Individually evaluated for loss	747	2,031	3,973	2,002	833	140	34	9,760
Collectively evaluated for loss	135,468	17,325	116,651	52,589	82,175	3,256	22,012	429,476
Total	\$ 136,215	\$ 19,356	\$ 120,624	\$ 54,591	\$ 83,008	\$ 3,396	\$ 22,046	\$ 439,236

(Dollars in thousands)

Year ended December 31, 2016

	One-to-four family residential real estate	Construction and land loans	Commercial real estate loans	Commercial loans	Agriculture loans	Municipal loans	Consumer loans	Total
Allowance for loan losses:								
Balance at January 1, 2016	\$ 925	\$ 77	\$ 1,740	\$ 1,530	\$ 1,428	\$ 23	\$ 199	\$ 5,922
Charge-offs	(14)	-	-	(306)	(375)	-	(471)	(1,166)
Recoveries	9	-	-	34	-	6	39	88
Provision for loan losses	(416)	(24)	37	(139)	631	(17)	428	500
Balance at December 31, 2016	504	53	1,777	1,119	1,684	12	195	5,344
Allowance for loan losses:								
Individually evaluated for loss	-	-	81	87	89	-	17	274
Collectively evaluated for loss	504	53	1,696	1,032	1,595	12	178	5,070
Total	504	53	1,777	1,119	1,684	12	195	5,344
Loan balances:								
Individually evaluated for loss	780	1,937	2,445	355	881	258	72	6,728
Collectively evaluated for loss	136,066	11,801	115,755	54,151	77,443	3,626	20,199	419,041
Total	\$ 136,846	\$ 13,738	\$ 118,200	\$ 54,506	\$ 78,324	\$ 3,884	\$ 20,271	\$ 425,769

Year ended December 31, 2015

	One-to-four family residential real estate loans	Construction and land loans	Commercial real estate loans	Commercial loans	Agriculture loans	Municipal loans	Consumer loans	Total
Allowance for loan losses:								
Balance at January 1, 2015	\$ 755	\$ 762	\$ 1,832	\$ 836	\$ 915	\$ 51	\$ 169	\$ 5,320
Charge-offs	(57)	-	(13)	(78)	-	(88)	(318)	(554)
Recoveries	10	1,722	2	15	73	-	34	1,856
Provision for loan losses	217	(2,407)	(81)	757	440	60	314	(700)
Balance at December 31, 2015	925	77	1,740	1,530	1,428	23	199	5,922
Allowance for loan losses:								
Individually evaluated for loss	78	-	-	-	-	-	10	88
Collectively evaluated for loss	847	77	1,740	1,530	1,428	23	189	5,834
Total	925	77	1,740	1,530	1,428	23	199	5,922
Loan balances:								
Individually evaluated for loss	752	2,220	2,429	620	189	591	36	6,837
Collectively evaluated for loss	131,178	12,823	116,554	60,680	70,841	7,044	19,859	418,979
Total	\$ 131,930	\$ 15,043	\$ 118,983	\$ 61,300	\$ 71,030	\$ 7,635	\$ 19,895	\$ 425,816

The Company's impaired loans increased \$3.1 million from \$6.7 million at December 31, 2016 to \$9.8 million at December 31, 2017. The difference between the unpaid contractual principal and the impaired loan balance is a result of charge-offs recorded against impaired loans. The difference in the Company's non-accrual loan balances and impaired loan balances at December 31, 2017 and December 31, 2016 was related to TDRs that are current and accruing interest, but still classified as impaired. Interest income recognized on a cash basis for impaired loans was immaterial during the years 2017, 2016 and 2015. The following tables present information on impaired loans:

(Dollars in thousands)

As of December 31, 2017							
	Unpaid contractual principal	Impaired loan balance	Impaired loans without an allowance	Impaired loans with an allowance	Related allowance recorded	Year-to-date average loan balance	Year-to-date interest income recognized
One-to-four family residential real estate loans	\$ 747	\$ 747	\$ 503	\$ 244	\$ 73	\$ 774	\$ 8
Construction and land loans	3,766	2,031	430	1,601	102	2,033	65
Commercial real estate loans	3,973	3,973	3,888	85	52	3,989	490
Commercial loans	2,002	2,002	11	1,991	391	2,082	-
Agriculture loans	1,048	833	545	288	24	912	1
Municipal loans	140	140	140	-	-	192	5
Consumer loans	34	34	34	-	-	35	-
Total impaired loans	\$ 11,710	\$ 9,760	\$ 5,551	\$ 4,209	\$ 642	\$ 10,017	\$ 569

As of December 31, 2016							
	Unpaid contractual principal	Impaired loan balance	Impaired loans without an allowance	Impaired loans with an allowance	Related allowance recorded	Year-to-date average loan balance	Year-to-date interest income recognized
One-to-four family residential real estate loans	\$ 780	\$ 780	\$ 780	\$ -	\$ -	\$ 798	\$ 7
Construction and land loans	3,672	1,937	1,937	-	-	2,068	72
Commercial real estate loans	2,445	2,445	2,145	300	81	2,587	505
Commercial loans	355	355	46	309	87	425	2
Agriculture loans	1,173	881	147	734	89	1,000	2
Municipal loans	258	258	258	-	-	418	-
Consumer loans	72	72	55	17	17	78	13
Total impaired loans	\$ 8,755	\$ 6,728	\$ 5,368	\$ 1,360	\$ 274	\$ 7,374	\$ 601

As of December 31, 2015							
	Unpaid contractual principal	Impaired loan balance	Impaired loans without an allowance	Impaired loans with an allowance	Related allowance recorded	Year-to-date average loan balance	Year-to-date interest income recognized
One-to-four family residential real estate loans	\$ 752	\$ 752	\$ 408	\$ 344	\$ 78	\$ 1,041	\$ -
Construction and land loans	3,955	2,220	2,220	-	-	2,389	88
Commercial real estate loans	2,429	2,429	2,429	-	-	2,484	175
Commercial loans	637	620	620	-	-	634	3
Agriculture loans	189	189	189	-	-	188	3
Municipal loans	591	591	591	-	-	631	19
Consumer loans	36	36	10	26	10	41	-
Total impaired loans	\$ 8,589	\$ 6,837	\$ 6,467	\$ 370	\$ 88	\$ 7,408	\$ 288

The Company's key credit quality indicator is a loan's performance status, defined as accruing or non-accruing. Performing loans are considered to have a lower risk of loss. Non-accrual loans are those which the Company believes have a higher risk of loss. The accrual of interest on non-performing loans is discontinued at the time the loan is ninety days delinquent, unless the credit is well secured and in process of collection. Loans are placed on non-accrual or are charged off at an earlier date if collection of principal or interest is considered doubtful. There were no loans ninety days delinquent and accruing interest at December 31, 2017 or December 31, 2016. The following tables present information on the Company's past due and non-accrual loans by loan class:

(Dollars in thousands)

	As of December 31, 2017						
	30-59 days delinquent and accruing	60-89 days delinquent and accruing	90 days or more delinquent and accruing	Total past due loans accruing	Non-accrual loans	Total past due and non- accrual loans	Total loans not past due
One-to-four family residential real estate loans	\$ 101	\$ 313	\$ -	\$ 414	\$ 552	\$ 966	\$ 135,249
Construction and land loans	-	4	-	4	779	783	18,573
Commercial real estate loans	22	209	-	231	1,841	2,072	118,552
Commercial loans	-	397	-	397	2,002	2,399	52,192
Agriculture loans	-	-	-	-	833	833	82,175
Municipal loans	-	-	-	-	-	-	3,396
Consumer loans	105	204	-	309	34	343	21,703
Total	\$ 228	\$ 1,127	\$ -	\$ 1,355	\$ 6,041	\$ 7,396	\$ 431,840
Percent of gross loans	0.05%	0.26%	0.00%	0.31%	1.38%	1.68%	98.32%

	As of December 31, 2016						
	30-59 days delinquent and accruing	60-89 days delinquent and accruing	90 days or more delinquent and accruing	Total past due loans accruing	Non-accrual loans	Total past due and non- accrual loans	Total loans not past due
One-to-four family residential real estate loans	\$ 215	\$ 388	\$ -	\$ 603	\$ 595	\$ 1,198	\$ 135,648
Construction and land loans	-	-	-	-	599	599	13,139
Commercial real estate loans	-	-	-	-	300	300	117,900
Commercial loans	13	5	-	18	342	360	54,146
Agriculture loans	55	-	-	55	838	893	77,431
Municipal loans	-	-	-	-	-	-	3,884
Consumer loans	79	3	-	82	72	154	20,117
Total	\$ 362	\$ 396	\$ -	\$ 758	\$ 2,746	\$ 3,504	\$ 422,265
Percent of gross loans	0.09%	0.09%	0.00%	0.18%	0.64%	0.82%	99.18%

Under the original terms of the Company's non-accrual loans, interest earned on such loans for the years 2017, 2016 and 2015, would have increased interest income by \$185,000, \$75,000 and \$99,000, respectively. No interest income related to non-accrual loans was included in interest income for the years ended December 31, 2017, 2016 and 2015.

The Company also categorizes loans into risk categories based on relevant information about the ability of the borrowers to service their debt such as current financial information, historical payment experience, credit documentation, public information and current economic trends, among other factors. The Company analyzes loans individually by classifying the loans as to credit risk. This analysis is performed on a quarterly basis. Non-classified loans generally include those loans that are expected to be repaid in accordance with contractual loan terms. Classified loans are those that are assigned a special mention, substandard or doubtful risk rating using the following definitions:

Special Mention: Loans are currently protected by the current net worth and paying capacity of the obligor or of the collateral pledged but potentially weak. These loans constitute an undue and unwarranted credit risk, but not to the point of justifying a classification of substandard. The credit risk may be relatively minor, yet constitutes an unwarranted risk in light of the circumstances surrounding a specific asset.

Substandard: Loans are inadequately protected by the current net worth and paying capacity of the obligor or of the collateral pledged. Loans have a well-defined weakness or weaknesses that jeopardize the liquidation of the debt. Loans are characterized by the distinct possibility that the Company will sustain some loss if the deficiencies are not corrected.

Doubtful: Loans classified doubtful have all the weaknesses inherent in those classified as substandard, with the added characteristic that weaknesses make collection or liquidation in full, on the basis of currently existing facts, conditions and values, highly questionable and improbable.

The following table provides information on the Company's risk categories by loan class:

<i>(Dollars in thousands)</i>	As of December 31, 2017		As of December 31, 2016	
	Nonclassified	Classified	Nonclassified	Classified
One-to-four family residential real estate loans	\$ 135,475	\$ 740	\$ 135,640	\$ 1,206
Construction and land loans	18,577	779	\$ 13,138	600
Commercial real estate loans	114,736	5,888	111,641	6,559
Commercial loans	52,313	2,278	51,080	3,426
Agriculture loans	76,455	6,553	73,564	4,760
Municipal loans	3,396	-	3,884	-
Consumer loans	22,006	40	20,181	90
Total	<u>\$ 422,958</u>	<u>\$ 16,278</u>	<u>\$ 409,128</u>	<u>\$ 16,641</u>

At December 31, 2017, the Company had twelve loan relationships consisting of twenty outstanding loans totaling \$4.8 million that were classified as TDRs compared to eleven relationships consisting of seventeen outstanding loans totaling \$4.9 million that were classified as TDRs at December 31, 2016.

During 2017, the Company classified four agriculture loans totaling \$98,000 as TDRs after refinancing existing loans to two agriculture loan relationships that were classified as TDRs in 2016 and 2015. The Company also classified a \$104,000 agriculture loan as a TDR in 2017 after extending the maturity of the loan. The Company also classified a one-to-four family residential real estate loan totaling \$25,000 as a TDR during 2017 after modifying the terms per a bankruptcy judgment. Also during 2017, the Company classified an \$11,000 commercial real estate loan as a TDR after extending the maturity of the loan. The \$11,000 commercial real estate loan was charged-off during 2017 as a result of the borrower failing to comply with the terms of the restructuring.

During 2016, the Company classified a \$268,000 agriculture loan relationship consisting of three loans as a TDR after extending the maturities of the loans. The collateral securing the loans was deemed to be insufficient, resulting in a charge-off of \$215,000. The Company also classified an \$8,000 commercial loan as a TDR during 2016 after modifying the payments to interest only. Also during 2016, the Company classified an \$188,000 one-to-four family residential real estate loan as a TDR after agreeing to a loan modification which adjusted the payment schedule.

During 2015, the Company classified a \$2.0 million commercial real estate loan relationship as a TDR after agreeing to a bankruptcy plan with the borrower. The bankruptcy plan restarted the amortization period of the loans which extended the maturities. The commercial real estate loan relationship totaled \$4.4 million in 2012 when the loans were

placed on non-accrual status after the borrower declared bankruptcy. The outstanding balances have been partially paid down with proceeds from asset sales and cash flows from the properties securing the loans during the bankruptcy process and under the terms of the restructuring agreement. The relationship was returned to accrual status during 2015 based on a satisfactory payment performance by the borrower under the revised terms of the bankruptcy plan. The Company also classified a \$50,000 agriculture loan relationship consisting of two loans as a TDR after extending the maturity of the loans during 2015. Since all of the loans were adequately secured, no charge-offs or impairments were recorded against the principal as of December 31, 2015. During 2015, a land loan relationship consisting of three loans totaling \$1.6 million, which was previously classified as a TDR during 2012, paid off with proceeds from the sale of assets and a new loan originated at market terms on the remaining assets. Also during 2015, a \$78,000 commercial loan, which was classified as a TDR during 2014, paid off.

The Company evaluates each TDR individually and returns the loan to accrual status when a payment history is established after the restructuring and future payments are reasonably assured. There was one commercial real estate loan totaling \$11,000 that was classified as a TDR during 2017 which defaulted within 12 months of modification. The loan was charged-off as of December 31, 2017. There were no loans modified as TDRs for which there was a payment default within 12 months of modification as of December 31, 2016 and 2015. At December 31, 2017, there was a commitment of \$10,000 to lend additional funds on one construction and land loan classified as a TDR. The Company recorded charge-offs of \$11,000 and a credit provision for loan loss of \$27,000 against TDRs during 2017. The Company recorded charge-offs of \$215,000 and a provision for loan loss of \$16,000 against TDRs during 2016. The Company had \$80,000 of allowance for loan losses recorded against loans classified as TDRs at December 31, 2016.

The following table presents information on loans that were classified as TDRs:

(Dollars in thousands)

	As of December 31, 2017			As of December 31, 2016		
	Number of loans	Non-accrual balance	Accruing balance	Number of loans	Non-accrual balance	Accruing balance
One-to-four family residential real estate loans	2	\$ -	\$ 194	2	\$ -	\$ 185
Construction and land loans	4	575	1,252	4	588	1,338
Commercial real estate loans	3	45	2,133	3	64	2,145
Commercial loans	-	-	-	2	-	13
Agriculture	9	471	-	4	268	44
Municipal loans	2	-	140	2	-	258
Total troubled debt restructurings	20	\$ 1,091	\$ 3,719	17	\$ 920	\$ 3,983

The Company had loans and unfunded commitments to directors and officers, and to affiliated parties, at December 31, 2017 and 2016. A summary of such loans is as follows:

(Dollars in thousands)

Balance at December 31, 2016	\$ 15,758
New loans	8,800
Repayments	(9,877)
Balance at December 31, 2017	<u>\$ 14,681</u>

(6) Loan Commitments

The Company is a party to financial instruments with off-balance sheet risk in the normal course of business to meet customers' financing needs. These financial instruments consist principally of commitments to extend credit. The Company uses the same credit policies in making commitments and conditional obligations as it does for on-balance sheet instruments. The Company's exposure to credit loss in the event of nonperformance by the other party is represented by the contractual amount of those instruments. In the normal course of business, there are various commitments and contingent liabilities, such as commitments to extend credit, letters of credit, and lines of credit, the balance of which are not recorded in the accompanying consolidated financial statements. The Company generally requires collateral or other security on unfunded loan commitments and irrevocable letters of credit. Unfunded commitments to extend credit, excluding standby

letters of credit, aggregated to \$87.6 million and \$75.8 million at December 31, 2017 and 2016, respectively, and are generally at variable interest rates. Standby letters of credit totaled \$806,000 at December 31, 2017 and \$1.9 million at December 31, 2016.

(7) Goodwill and Intangible Assets

The Company performed its annual step one impairment test as of December 31, 2017. The fair value of the Company's single reporting unit was compared to the carrying value of the single reporting unit at the measurement date to determine if any impairment existed. Based on the results of the December 31, 2017 step one impairment test, the Company concluded its goodwill was not impaired.

A summary of the other intangible assets that continue to be subject to amortization is as follows:

	As of December 31, 2017		
	Gross carrying amount	Accumulated amortization	Net carrying amount
Core deposit intangible assets	\$ 2,067	\$ (1,381)	\$ 686
Lease intangible asset	350	(188)	162
Mortgage servicing rights	6,285	(3,474)	2,811
Total other intangible assets	\$ 8,702	\$ (5,043)	\$ 3,659

	As of December 31, 2016		
	Gross carrying amount	Accumulated amortization	Net carrying amount
Core deposit intangible assets	\$ 2,067	\$ (1,137)	\$ 930
Lease intangible asset	350	(143)	207
Mortgage servicing rights	5,788	(2,939)	2,849
Total other intangible assets	\$ 8,205	\$ (4,219)	\$ 3,986

The following sets forth estimated amortization expense for core deposit and lease intangible assets for the years ending December 31:

(Dollars in thousands)	Amortization expense
2018	\$ 252
2019	214
2020	177
2021	121
2022	58
Thereafter	26
Total	\$ 848

Mortgage loans serviced for others are not reported as assets. The following table provides information on the principal balances of mortgage loans serviced for others:

(Dollars in thousands)	As of December 31,	
	2017	2016
FHLMC	\$ 517,863	\$ 483,356
FHLB	9,782	11,393

Custodial escrow balances maintained in connection with serviced loans were \$4.4 million and \$4.1 million at December 31, 2017 and 2016, respectively. Gross service fee income related to such loans was \$1.3 million, \$1.2 million and \$1.1 million for the years ended December 31, 2017, 2016 and 2015, respectively, and is included in fees and service charges in the consolidated statements of earnings.

Activity for mortgage servicing rights and the related valuation allowance follows:

<i>(Dollars in thousands)</i>	<u>As of December 31,</u>	
	<u>2017</u>	<u>2016</u>
Mortgage servicing rights:		
Balance at beginning of year	\$ 2,849	\$ 2,840
Additions	931	1,079
Amortization	(969)	(1,070)
Balance at end of year	<u>\$ 2,811</u>	<u>\$ 2,849</u>

At December 31, 2017 and 2016, there was no valuation allowance related to mortgage servicing rights.

The fair value of mortgage servicing rights was \$5.6 million and \$5.1 million at December 31, 2017 and 2016, respectively. Fair value at December 31, 2017 was determined using discount rates ranging from 9.50% to 9.59%, prepayment speeds ranging from 5.23% to 33.39%, depending on the stratification of the specific mortgage servicing right, and a weighted average default rate of 2.26%. Fair value at December 31, 2016 was determined using discount rates ranging from 9.50% to 9.51%, prepayment speeds ranging from 4.86% to 32.79%, depending on the stratification of the specific mortgage servicing right, and a weighted average default rate of 2.26%.

The Company had a mortgage repurchase reserve of \$235,000 and \$301,000 at December 31, 2017 and December 31, 2016, respectively, which represents the Company's best estimate of probable losses that the Company will incur related to the repurchase of one-to-four family residential real estate loans previously sold or to reimburse investors for credit losses incurred on loans previously sold where a breach of the contractual representations and warranties occurred. The Company charged \$66,000 of losses against the mortgage repurchase reserve during 2017. The Company recovered \$10,000 of losses and recorded a credit provision of \$60,000 against the mortgage repurchase reserve during 2016. As of December 31, 2017, the Company did not have any outstanding mortgage repurchase requests.

(8) Premises and Equipment

Premises and equipment consisted of the following:

<i>(Dollars in thousands)</i>	Estimated useful lives	<u>As of December 31,</u>	
		<u>2017</u>	<u>2016</u>
Land	Indefinite	\$ 6,279	\$ 6,251
Office buildings and improvements	10 - 50 years	19,837	18,519
Furniture and equipment	3 - 15 years	8,589	9,055
Automobiles	2 - 5 years	554	557
Total premises and equipment		<u>35,259</u>	<u>34,382</u>
Accumulated depreciation		<u>(14,435)</u>	<u>(13,975)</u>
Total premises and equipment, net		<u>\$ 20,824</u>	<u>\$ 20,407</u>

Depreciation expense for the years ended December 31, 2017, 2016 and 2015 was \$1.0 million, \$1.1 million, and \$1.2 million, respectively, and was included in occupancy and equipment on the consolidated statements of earnings.

(9) Deposits

The following table presents the maturities of time deposits at December 31, 2017:

(Dollars in thousands)

Year	Amount
2018	\$ 84,931
2019	20,578
2020	7,392
2021	3,954
2022	6,419
Thereafter	3
Total	<u>\$ 123,277</u>

The aggregate amount of time deposits in denominations of \$250,000 or more at December 31, 2017 and 2016 was \$19.2 million and \$19.9 million, respectively.

The components of interest expense associated with deposits are as follows:

(Dollars in thousands)

	Years ended December 31,		
	2017	2016	2015
Time deposits	\$ 593	\$ 650	\$ 736
Money market and checking	948	458	311
Savings	28	26	24
Total	<u>\$ 1,569</u>	<u>\$ 1,134</u>	<u>\$ 1,071</u>

(10) Federal Home Loan Bank Borrowings

Term advances from the FHLB totaled \$25.0 million at December 31, 2017 and \$35.0 million at December 31, 2016. Maturities of such borrowings at December 31, 2017 and 2016 are summarized as follows:

(Dollars in thousands)

Year	As of December 31,			
	2017		2016	
	Amount	Weighted average rates	Amount	Weighted average rates
2017	\$ -	-	\$ 10,000	3.64%
2018	25,000	3.31%	25,000	3.31%
Total	<u>\$ 25,000</u>		<u>\$ 35,000</u>	

All of the Bank's term advances with the FHLB have fixed rates and prepayment penalties. Additionally, the Bank also has a line of credit, renewable annually each September, with the FHLB under which there were \$6.6 million of borrowings at December 31, 2017 compared to \$4.1 million of borrowings as of December 31, 2016. Interest on any outstanding balance on the line of credit accrues at the federal funds rate plus 0.15% (1.47% at December 31, 2017).

Although no loans are specifically pledged, the FHLB requires the Bank to maintain eligible collateral (qualifying loans and investment securities) that has a lending value at least equal to its required collateral. At December 31, 2017 and 2016, there was a blanket pledge of loans and securities totaling \$130.6 million and \$124.0 million, respectively. At December 31, 2017 and 2016, the Bank's total borrowing capacity with the FHLB was approximately \$97.5 million and \$93.1 million, respectively. At December 31, 2017 and 2016, the Bank's available borrowing capacity was \$55.6 million and \$38.7 million, respectively. The available borrowing capacity with the FHLB is collateral based, and the Bank's ability

to borrow is subject to maintaining collateral that meets the eligibility requirements. The borrowing capacity is not committed and is subject to FHLB credit requirements and policies. In addition, the Bank must maintain a restricted investment in FHLB stock to maintain access to borrowings.

(11) Subordinated Debentures

In 2003, the Company issued \$8.2 million of subordinated debentures. These debentures, which are due in 2034 and are currently redeemable, were issued to a wholly owned grantor trust (the “Trust”) formed to issue preferred securities representing undivided beneficial interests in the assets of the Trust. The Trust then invested the gross proceeds of such preferred securities in the debentures. The Trust’s preferred securities and the subordinated debentures require quarterly interest payments and have variable rates, adjustable quarterly. Interest accrues at three month LIBOR plus 2.85%. The interest rate at December 31, 2017 and 2016 was 4.23% and 3.74%, respectively.

In 2005, the Company issued an additional \$8.2 million of subordinated debentures. These debentures, which are due in 2036 and are currently redeemable, were issued to a wholly owned grantor trust (“Trust II”) formed to issue preferred securities representing undivided beneficial interests in the assets of Trust II. Trust II then invested the gross proceeds of such preferred securities in the debentures. Trust II’s preferred securities and the subordinated debentures require quarterly interest payments and have variable rates, adjustable quarterly. Interest accrues at three month LIBOR plus 1.34%. The interest rate at December 31, 2017 and 2016 was 2.93% and 2.30 %, respectively.

In 2013, the Company assumed an additional \$5.2 million of subordinated debentures as part of the Bank’s acquisition of Citizens Bank. These debentures, which are due in 2036 and are currently redeemable, were issued by Citizens Bank’s former holding company to a wholly owned grantor trust, First Capital (KS) Statutory Trust (“Trust III”) formed to issue preferred securities representing undivided beneficial interests in the assets of Trust III. Trust III’s preferred securities and the subordinated debentures require quarterly interest payments and have variable rates, adjustable quarterly. Interest accrues at three month LIBOR plus 1.62%. The interest rate at December 31, 2017 and 2016 was 3.29% and 2.62% respectively. Including the purchase accounting accretion, the effective interest rate was 7.17% at December 31, 2017 and 6.50% at December 31, 2016.

While these trusts are accounted for as unconsolidated equity investments, a portion of the trust preferred securities issued by the trusts qualifies as Tier 1 Capital for regulatory purposes.

(12) Other Borrowings

The Company has a \$7.5 million line of credit from an unrelated financial institution maturing on November 1, 2018, with an interest rate that adjusts daily based on the prime rate less 0.25%. This line of credit has covenants specific to capital and other financial ratios, which the Company was in compliance with at December 31, 2017. As of December 31, 2017 and 2016, the Company did not have an outstanding balance on the line of credit.

At December 31, 2017 and 2016, the Bank had no borrowings through the Federal Reserve discount window, while the borrowing capacity was \$14.5 million and \$16.0 million, respectively. The Bank also has various other federal funds agreements, both secured and unsecured, with correspondent banks totaling approximately \$30.0 million at December 31, 2017 and \$30.0 million at December 31, 2016. As of December 31, 2017 and 2016, there were no borrowings through these correspondent bank federal funds agreements.

(13) Repurchase Agreements

The Company has overnight repurchase agreements with certain deposit customers whereby the Company uses investment securities as collateral for non-insured funds. These balances are accounted for as collateralized financing and included in other borrowings on the balance sheet. The following is a summary of the balances and collateral of the Company's repurchase agreements:

Repurchase agreements are comprised of non-insured customer funds, totaling \$13.5 million at December 31, 2017, and \$12.5 million at December 31, 2016, which were secured by \$16.8 million and \$15.7 million of the Bank's investment portfolio at the same dates, respectively.

(Dollars in thousands)

	Years ended December 31,	
	2017	2016
Average daily balance during the year	\$ 12,819	\$ 12,686
Average interest rate during the year	0.26%	0.15%
Maximum month-end balance during the year	\$ 16,801	\$ 14,002
Weighted average interest rate at year-end	0.70%	0.15%

	As of December 31, 2017				
	Overnight and Continuous	Up to 30 days	30-90 days	Greater than 90 days	Total
Repurchase agreements:					
U.S. federal agency obligations	\$ 5,147	\$ -	\$ -	\$ -	\$ 5,147
Agency mortgage-backed securities	8,362	-	-	-	8,362
Total	\$ 13,509	\$ -	\$ -	\$ -	\$ 13,509

	As of December 31, 2016				
	Overnight and Continuous	Up to 30 days	30-90 days	Greater than 90 days	Total
Repurchase agreements:					
U.S. federal agency obligations	\$ 5,007	\$ -	\$ -	\$ -	\$ 5,007
Agency mortgage-backed securities	7,476	-	-	-	7,476
Total	\$ 12,483	\$ -	\$ -	\$ -	\$ 12,483

The investment securities are held by a third party financial institution in the customer's custodial account. The Company is required to maintain adequate collateral for each repurchase agreement. Changes in the fair value of the investment securities impact the amount of collateral required. If the Company were to default, the investment securities would be used to settle the repurchase agreement with the deposit customer.

(14) Income Taxes

On December 22, 2017, H.R.1, commonly known as the Tax Cuts and Jobs Act (the "Act"), was signed into law. Among other things, the Act reduces our corporate federal tax rate from 34% to 21% effective January 1, 2018. As a result, we are required to re-measure, through income tax expense, our deferred tax assets and liabilities using the enacted rate at which we expect them to be recovered or settled. The re-measurement of our net deferred tax asset resulted in additional income tax benefit of \$352,000.

At December 31, 2017, the company early adopted ASU 2018-02 and reclassified out of accumulated other comprehensive income and into retained earnings \$67,000 of tax benefit that was recorded to income tax expense at December 22, 2017 due to re-measuring the tax rate on deferred taxes to 21% on available for sale securities.

Income tax expense attributable to income from operations consisted of the following:

<i>(Dollars in thousands)</i>	<u>Years ended December 31,</u>		
	<u>2017</u>	<u>2016</u>	<u>2015</u>
Current:			
Federal	\$ (1,108)	\$ 1,298	\$ 2,858
State	(276)	97	431
Total current	<u>(1,384)</u>	<u>1,395</u>	<u>3,289</u>
Deferred:			
Federal	768	797	641
State	27	248	(56)
Total deferred	<u>795</u>	<u>1,045</u>	<u>585</u>
Deferred tax valuation allowance	44	(126)	40
Deferred tax remeasurement	(352)	-	-
Income tax (benefit) expense	<u>\$ (897)</u>	<u>\$ 2,314</u>	<u>\$ 3,914</u>

The reasons for the difference between actual income tax expense (benefit) and expected income tax expense attributable to income from operations at the 34% statutory federal income tax rate were as follows:

<i>(Dollars in thousands)</i>	<u>Years ended December 31,</u>		
	<u>2017</u>	<u>2016</u>	<u>2015</u>
Computed "expected" tax expense	\$ 1,180	\$ 3,833	\$ 4,903
(Reduction) increase in income taxes resulting from:			
Tax-exempt interest income, net	(1,346)	(1,220)	(1,104)
Deferred tax remeasurement	(352)	-	-
REIT excise tax	249	-	-
Excess tax benefit from stock option exercise	(107)	(283)	-
Bank owned life insurance	(316)	(177)	(178)
Reversal of unrecognized tax benefits, net	(197)	(125)	(138)
State income taxes, net of federal benefit	61	269	412
Investment tax credits	(7)	(11)	(11)
Other, net	(62)	28	30
	<u>\$ (897)</u>	<u>\$ 2,314</u>	<u>\$ 3,914</u>

The tax effects of temporary differences that give rise to the significant portions of the deferred tax assets and liabilities at the following dates were as follows:

<i>(Dollars in thousands)</i>	As of December 31,	
	2017	2016
Deferred tax assets:		
Federal alternative minimum tax credit and low income		
housing credit carry forwards	\$ 2,485	\$ 192
Loans, including allowance for loan losses	1,419	2,303
Net operating loss carry forwards	529	485
State taxes	413	737
Acquisition costs	224	394
Intangible assets	-	100
Deferred compensation arrangements	88	158
Unrealized loss on investment securities available-for-sale	132	822
Investments	46	57
Investment impairments	-	39
Other, net	46	-
Total deferred tax assets	5,382	5,287
Less valuation allowance	(529)	(485)
Total deferred tax assets, net of valuation allowance	4,853	4,802
Deferred tax liabilities:		
Undistributed equity earnings	1,539	-
Premises and equipment, net of depreciation	454	803
Mortgage servicing rights	470	620
Prepaid expenses	210	-
FHLB stock dividends	74	76
Other borrowings	35	125
Other, net	12	9
Total deferred tax liabilities	2,794	1,633
Net deferred tax asset	\$ 2,059	\$ 3,169

The federal alternative minimum tax credit carry forward does not expire and totaled \$2.4 million and \$192,000 as of December 31, 2017 and 2016, respectively. The Company has Kansas corporate net operating loss carry forwards totaling \$9.1 million and \$10.0 million as of December 31, 2017 and 2016, respectively, which expire between 2018 and 2027. The Company has recorded a valuation allowance against the Kansas corporate net operating loss carry forwards. A valuation allowance related to the remaining deferred tax assets has not been provided because management believes it is more likely than not that the results of future operations will generate sufficient taxable income to realize the deferred tax assets at December 31, 2017.

Retained earnings at December 31, 2017 and 2016 include approximately \$6.3 million for which no provision for federal income tax had been made. This amount represents allocations of income to bad debt deductions in years prior to 1988 for tax purposes only. Reduction of amounts allocated for purposes other than tax bad debt losses will create income for tax purposes only, which will be subject to the then current corporate income tax rate.

The Company has unrecognized tax benefits representing tax positions for which a liability has been established. A reconciliation of the beginning and ending amount of the liability relating to unrecognized tax benefits is as follows:

	<u>Years ended December 31,</u>	
	<u>2017</u>	<u>2016</u>
<i>(Dollars in thousands)</i>		
Unrecognized tax benefits at beginning of year	\$ 1,809	\$ 1,800
Gross increases to current year tax positions	50	362
Gross decreases to prior year's tax positions	(10)	(37)
Lapse of statute of limitations	(344)	(316)
Unrecognized tax benefits at end of year	<u>\$ 1,505</u>	<u>\$ 1,809</u>

Tax years that remain open and subject to audit include the years 2014 through 2017 for both federal and state tax purposes. The Company recognized \$344,000 and \$316,000 of previously unrecognized tax benefits during 2017 and 2016, respectively. The gross unrecognized tax benefits of \$1.5 million at December 31, 2017 and \$1.8 million at December 31, 2016, respectively, would favorably impact the effective tax rate by \$1.2 million if recognized. During 2017, 2016 and 2015, the Company recorded \$30,000, \$84,000 and \$55,000 respectively, of income tax expense associated with interest and penalties. As of December 31, 2017 and 2016, the Company has accrued interest and penalties related to the unrecognized tax benefits of \$450,000 and \$420,000, respectively which are not included in the table above. The Company believes that it is reasonably possible that a reduction in gross unrecognized tax benefits of up to \$495,000 is possible during the next 12 months as a result of the lapse of the statute of limitations.

(15) Employee Benefit Plans

Employee Retirement Plan. Substantially all employees are covered under a 401(k) defined contribution savings plan. Eligible employees receive 100% matching contributions from the Company of up to 6% of their compensation. Matching contributions by the Company were \$519,000, \$543,000 and \$554,000 for the years ended December 31, 2017, 2016 and 2015, respectively.

Split Dollar Life Insurance Agreement. The Company has recognized a liability for future benefits payable under an agreement that splits the benefits of a bank owned life insurance policy between the Company and a former employee. The liability totaled \$36,000 at December 31, 2017 and \$37,000 at December 31, 2016.

Deferred Compensation Agreements. The Company has entered into deferred compensation and other retirement agreements with certain key employees that provide for cash payments to be made after their retirement. The obligations under these arrangements have been recorded at the present value of the accrued benefits. The Company has also entered into agreements with certain directors to defer portions of their compensation. The balance of accrued benefits under these arrangements was \$628,000 and \$615,000 at December 31, 2017 and 2016, respectively, and was included as a component of other liabilities in the accompanying consolidated balance sheets. The Company recorded expense associated with the deferred compensation agreements of \$3,000, \$4,000 and \$11,000 for the years ended December 31, 2017, 2016 and 2015.

(16) Stock Compensation Plan

The Company has a stock-based employee compensation plan which allows for the issuance of stock options and restricted common stock, the purpose of which is to provide additional incentive to certain officers, directors, and key employees by facilitating their purchase of a stock interest in the Company. Compensation expense related to prior awards is recognized on a straight line basis over the vesting period, which is typically four or five years. The stock-based compensation cost related to these awards was \$172,000, \$59,000 and \$16,000 for the years ended December 31, 2017, 2016 and 2015, respectively. The Company recognized tax benefits of \$180,000, \$330,000, and \$84,000 for the years ended December 31, 2017, 2016 and 2015, respectively.

For stock options, the exercise price may not be less than 100% of the fair market value of the shares on the date of the grant, and no option shall be exercisable after the expiration of ten years from the grant date. In determining compensation cost, the Black-Scholes option-pricing model is used to estimate the fair value of options on date of grant. The Black-Scholes model is a closed-end model that uses the assumptions outlined below. Expected volatility is based on

historical volatility of the Company's stock. The Company uses historical exercise behavior and other qualitative factors to estimate the expected term of the options, which represents the period of time that the options granted are expected to be outstanding. The risk-free rate for the expected term is based on U.S. Treasury rates in effect at the time of grant.

At the annual meeting of stockholders on May 20, 2015, our stockholders approved the 2015 Stock Incentive Plan which authorized the issuance of equity awards covering 289,406 shares of common stock as adjusted for subsequent stock dividends. On August 1, 2016, the Company's Compensation Committee awarded 13,671, as adjusted for subsequent stock dividends, shares of restricted common stock. These awards vest ratably over one or four years. The value of the 13,671, as adjusted for subsequent stock dividends, shares was based on a stock price of \$23.35 per share on the date such shares were granted. On August 1, 2017, the Compensation Committee awarded 2,872, as adjusted for subsequent stock dividends, shares of restricted common stock and options to acquire 34,061, as adjusted for subsequent stock dividends, shares of common stock. The restricted stock awards vest ratably over one year and the value was based on a stock price of \$27.86 per share on the date such shares were granted. The options vest ratably over four years. The fair value of the options granted were determined using the following weighted-average assumptions as of the grant date:

	Years ended December 31,		
	2017	2016	2015
Risk-free interest rate	2.07%	n/a	n/a
Expected term	7 years	n/a	n/a
Expected stock price volatility	33.30%	n/a	n/a
Dividend yield	2.74%	n/a	n/a

A summary of option activity during 2017 is presented below:

(Dollars in thousands, except per share amounts)

	Shares	Weighted average exercise price per share	Weighted average remaining contractual term	Aggregate intrinsic value
Outstanding at January 1, 2017	151,271	\$ 14.02	2.2 years	\$ 2,119
Granted	32,433	\$ 29.25		
Effect of 5% stock dividend	9,008			
Forfeited/expired	(1,724)	\$ 21.27		
Exercised	(17,540)	\$ 12.99		
Outstanding at December 31, 2017	173,448	\$ 16.09	2.8 years	\$ 2,237
Exercisable at December 31, 2017	140,389	\$ 13.32	1.2 years	\$ 2,200
Fully vested options at December 31, 2017	140,389	\$ 13.32	1.2 years	\$ 2,200

Additional information about stock options exercised is presented below:

(Dollars in thousands)

	Years ended December 31,		
	2017	2016	2015
Intrinsic value of options exercised (on exercise date)	\$ 279	\$ 1,820	\$ 273
Cash received from options exercised	228	1,796	510
Excess tax benefit realized from options exercised	\$ 103	\$ 308	\$ 83

As of December 31, 2017, there was \$222,000 of unrecognized compensation cost related to 33,059 outstanding nonvested options.

(Dollars in thousands)

Year	Amount
2018	\$ 62
2019	62
2020	62
2021	36
Total	<u>\$ 222</u>

A summary of nonvested restricted common stock activity during 2017 is presented below:

	Shares
Nonvested restricted common stock at January 1, 2017	13,020
Granted	2,736
Vested	(6,144)
Forfeited	(247)
Effect of 5% stock dividend	469
Nonvested restricted common stock at December 31, 2017	<u>9,834</u>

As of December 31, 2017, there was \$188,000 of total unrecognized compensation cost related to 9,834 outstanding unvested restricted shares that will be recognized over the following periods:

(Dollars in thousands)

Year	Amount
2018	\$ 97
2019	57
2020	34
Total	<u>\$ 188</u>

(17) Fair Value of Financial Instruments and Fair Value Measurements

Fair value is the exchange price that would be received for an asset or paid to transfer a liability (exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. There are three levels of inputs that may be used to measure fair values:

Level 1 – Quoted prices (unadjusted) for identical assets or liabilities in active markets that the entity has the ability to access as of the measurement date.

Level 2 – Significant other 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.

Level 3 – Significant unobservable inputs that reflect a company’s own assumptions about the assumptions that market participants would use in pricing an asset or liability.

Fair value estimates of the Company's financial instruments as of December 31, 2017 and 2016, including methods and assumptions utilized, are set forth below:

(Dollars in thousands)

	As of December 31, 2017				
	Carrying amount	Level 1	Level 2	Level 3	Total
Financial assets:					
Cash and cash equivalents	\$ 16,584	\$ 16,584	\$ -	\$ -	\$ 16,584
Investment securities available for sale	387,983	1,998	385,985	-	387,983
Bank stocks, at cost	5,423	n/a	n/a	n/a	n/a
Loans, net	433,743	-	-	436,910	436,910
Loans held for sale	6,535	-	6,535	-	6,535
Derivative financial instruments	395	-	395	-	395
Accrued interest receivable	4,409	20	2,234	2,155	4,409
Financial liabilities:					
Non-maturity deposits	\$ (642,281)	\$ (642,281)	\$ -	\$ -	(642,281)
Time deposits	(123,277)	-	(121,298)	-	(121,298)
FHLB borrowings	(31,600)	-	(31,706)	-	(31,706)
Subordinated debentures	(21,484)	-	(19,134)	-	(19,134)
Other borrowings	(13,509)	-	(13,509)	-	(13,509)
Accrued interest payable	(274)	-	(274)	-	(274)

(Dollars in thousands)

	As of December 31, 2016				
	Carrying amount	Level 1	Level 2	Level 3	Total
Financial assets:					
Cash and cash equivalents	\$ 19,996	\$ 19,996	\$ -	\$ -	\$ 19,996
Investment securities available-for-sale	385,563	7,123	378,440	-	385,563
Bank stocks, at cost	5,299	n/a	n/a	n/a	n/a
Loans, net	420,461	-	-	417,957	417,957
Loans held for sale	5,517	-	5,517	-	5,517
Derivative financial instruments	662	-	662	-	662
Accrued interest receivable	4,240	21	2,104	2,115	4,240
Financial liabilities:					
Non-maturity deposits	\$ (601,683)	\$ (601,683)	\$ -	\$ -	(601,683)
Time deposits	(139,838)	-	(138,623)	-	(138,623)
FHLB borrowings	(39,100)	-	(35,695)	-	(35,695)
Subordinated debentures	(21,284)	-	(18,608)	-	(18,608)
Other borrowings	(12,483)	-	(12,483)	-	(12,483)
Accrued interest payable	(268)	-	(268)	-	(268)

Methods and Assumptions Utilized

The carrying amount of cash and cash equivalents is considered to approximate fair value.

The Company's investment securities classified as available-for-sale include U.S. treasury securities, U.S. federal agency securities, municipal obligations, agency mortgage-backed securities, certificates of deposits and common stocks. Quoted exchange prices are available for the Company's U.S treasury securities and common stock investments, which are classified as Level 1. U.S. federal agency securities and agency mortgage-backed obligations are priced utilizing industry-

standard models that consider various assumptions, including time value, yield curves, volatility factors, prepayment speeds, default rates, loss severity, current market and contractual prices for the underlying financial instruments, as well as other relevant economic measures. Substantially all of these assumptions are observable in the marketplace, can be derived from observable data, or are supported by observable levels at which transactions are executed in the marketplace. These measurements are classified as Level 2. Municipal securities are valued using a type of matrix, or grid, pricing in which securities are benchmarked against U.S. treasury rates based on credit rating. These model and matrix measurements are classified as Level 2 in the fair value hierarchy.

It is not practical to determine the fair value of bank stocks due to restrictions placed on the transferability of FHLB and FRB stock.

The estimated fair value of the Company's loan portfolio is based on the segregation of loans by collateral type, interest terms, and maturities. The fair value is estimated based on discounting scheduled and estimated cash flows through maturity using an appropriate risk-adjusted yield curve to approximate current interest rates for each category. No adjustment was made to the interest rates for changes in credit risk of performing loans where there are no known credit concerns. Management segregates loans in appropriate risk categories. Management believes that the risk factor embedded in the interest rates along with the allowance for loan losses applicable to the performing loan portfolio results in a fair valuation of such loans. The fair values of impaired loans are generally based on market prices for similar assets determined through independent appraisals or discounted values of independent appraisals and brokers' opinions of value. This method of estimating fair value does not incorporate the exit-price concept of fair value prescribed by ASC Topic 820 and is classified as Level 3.

Mortgage loans originated and intended for sale in the secondary market are carried at estimated fair value. The mortgage loan valuations are based on quoted secondary market prices for similar loans and are classified as Level 2.

The carrying amount of accrued interest receivable and payable are considered to approximate fair value.

The estimated fair value of deposits with no stated maturity, such as non-interest-bearing demand deposits, savings, money market accounts, and checking accounts, is equal to the amount payable on demand. The fair value of interest-bearing time deposits is based on the discounted value of contractual cash flows of such deposits. The discount rate is tied to the FHLB yield curve plus an appropriate servicing spread. Fair value measurements based on discounted cash flows are classified as Level 2. These fair values do not incorporate the value of core deposit intangibles which may be associated with the deposit base.

The fair value of advances from the FHLB, subordinated debentures, and other borrowings is estimated using current yield curves for similar borrowings adjusted for the Company's current credit spread and classified as Level 2.

The Company's derivative financial instruments consist of interest rate lock commitments and forward commitments for the future delivery of these mortgage loans. The fair values of these derivatives are based on quoted prices for similar loans in the secondary market. The market prices are adjusted by a factor, based on the Company's historical data and its judgment about future economic trends, which considers the likelihood that a commitment will ultimately result in a closed loan. These instruments are classified as Level 2. The amounts are included in other assets or other liabilities on the consolidated balance sheets and gains on sale of loans, net in the consolidated statements of earnings.

Off-Balance-Sheet Financial Instruments

The fair value of letters of credit and commitments to extend credit is based on the fees currently charged to enter into similar agreements. The aggregate of these fees is not material.

Transfers

The Company did not transfer any assets or liabilities among levels during the year ended December 31, 2017 or 2016.

Valuation Methods for Instruments Measured at Fair Value on a Recurring Basis

The following table represents the Company's financial instruments that are measured at fair value on a recurring basis at December 31, 2017 and 2016, allocated to the appropriate fair value hierarchy:

(Dollars in thousands)

	As of December 31, 2017			
	Total	Fair value hierarchy		
		Level 1	Level 2	Level 3
Assets:				
Available-for-sale securities				
U. S. treasury securities	\$ 1,990	\$ 1,990	\$ -	\$ -
U. S. federal agency obligations	16,492	-	16,492	-
Municipal obligations, tax exempt	184,738	-	184,738	-
Municipal obligations, taxable	57,976	-	57,976	-
Agency mortgage-backed securities	117,555	-	117,555	-
Common stocks	8	8	-	-
Certificates of deposit	9,224	-	9,224	-
Loans held for sale	6,535	-	6,535	-
Derivative financial instruments	395	-	395	-

(Dollars in thousands)

	As of December 31, 2016			
	Total	Fair value hierarchy		
		Level 1	Level 2	Level 3
Assets:				
Available-for-sale securities				
U. S. treasury securities	\$ 6,015	\$ 6,015	\$ -	\$ -
U. S. federal agency obligations	27,139	-	27,139	-
Municipal obligations, tax exempt	161,662	-	161,662	-
Municipal obligations, taxable	71,563	-	71,563	-
Agency mortgage-backed securities	108,376	-	108,376	-
Common stocks	1,108	1,108	-	-
Certificates of deposit	9,700	-	9,700	-
Loans held for sale	5,517	-	5,517	-
Derivative financial instruments	662	-	662	-

Changes in the fair value of available-for-sale securities are included in other comprehensive income to the extent the changes are not considered other-than-temporary impairments. Other-than-temporary impairment tests are performed on a quarterly basis and any decline in the fair value of an individual security below its cost that is deemed to be other-than-temporary results in a write-down of that security's cost basis.

Changes in the fair value of mortgage loans originated and intended for sale in the secondary market and derivative financial instruments are included in gains on sales of loans.

The aggregate fair value, contractual balance (including accrued interest), and gain or loss on loans held for sale were as follows:

(Dollars in thousands)

	As of December 31,	
	2017	2016
Aggregate fair value	\$ 6,535	\$ 5,517
Contractual balance	6,420	5,480
Gain	\$ 115	\$ 37

The total amount of gains and losses from changes in fair value of loans held for sale included in earnings were as follows:

<i>(Dollars in thousands)</i>	As of December 31,	
	2017	2016
Interest income	\$ 259	\$ 361
Change in fair value	78	(243)
Total change in fair value	\$ 337	\$ 118

Valuation Methods for Instruments Measured at Fair Value on a Nonrecurring Basis

The Company does not value its loan portfolio at fair value. Collateral-dependent impaired loans are generally carried at the lower of cost or fair value of the collateral, less estimated selling costs. Collateral values are determined based on appraisals performed by qualified licensed appraisers hired by the Company and then further adjusted if warranted based on relevant facts and circumstances. The appraisals may utilize a single valuation approach or a combination of approaches including the comparable sales and income approach. Adjustments are routinely made in the appraisal process by the appraisers to adjust for differences between the comparable sales and income data available. Such adjustments are typically significant and result in a Level 3 classification of the inputs for determining fair value. Impaired loans are reviewed and evaluated at least quarterly for additional impairment and adjusted accordingly, based on the same factors identified above. The loan balance of the Company's impaired loans was \$9.8 million and \$6.7 million, with an allocated allowance of \$642,000 and \$274,000, at December 31, 2017 and 2016, respectively.

Real estate owned includes assets acquired through, or in lieu of, foreclosure and land previously acquired for expansion. Real estate owned is initially recorded at the fair value of the collateral less estimated selling costs. Subsequent valuations are updated periodically and are based upon independent appraisals, third party price opinions or internal pricing models. The appraisals may utilize a single valuation approach or a combination of approaches including the comparable sales and income approach. Adjustments are routinely made in the appraisal process by the appraisers to adjust for differences between the comparable sales and income data available. Such adjustments are typically significant and result in a Level 3 classification of the inputs for determining fair value. Real estate owned is reviewed and evaluated at least annually for additional impairment and adjusted accordingly, based on the same factors identified above.

The following table represents the Company's financial instruments that are measured at fair value on a non-recurring basis as of December 31, 2017 and 2016 allocated to the appropriate fair value hierarchy:

(Dollars in thousands)

	As of December 31, 2017				Total (losses)/ gains
	Total	Fair value hierarchy			
		Level 1	Level 2	Level 3	
Assets:					
Impaired loans:					
One-to-four family residential real estate	\$ 171	\$ -	\$ -	\$ 171	\$ (73)
Construction and land	1,499	-	-	1,499	(102)
Commercial real estate loans	33	-	-	33	12
Commercial loans	1,600	-	-	1,600	(304)
Agriculture loans	264	-	-	264	65
Real estate owned:					
One-to-four family residential real estate	325	-	-	325	(68)
Commercial real estate	85	-	-	85	(50)

	As of December 31, 2016				Total (losses)/ gains
	Total	Fair value hierarchy			
		Level 1	Level 2	Level 3	
Assets:					
Impaired loans:					
Commercial real estate loans	\$ 219	\$ -	\$ -	\$ 219	\$ (81)
Commercial loans	222	-	-	222	(87)
Agriculture loans	645	-	-	645	(89)
Real estate owned:					
One-to-four family residential real estate	142	-	-	142	(34)

The following table presents quantitative information about Level 3 fair value measurements for impaired loans measured at fair value on a non-recurring basis as of December 31, 2017 and 2016.

(Dollars in thousands)

	Fair value	Valuation technique	Unobservable inputs	Range
As of December 31, 2017				
Impaired loans:				
One-to-four family residential real estate	\$ 171	Sales comparison	Adjustment to appraised value	16%-50%
Construction and land	1,499	Sales comparison	Adjustment to appraised value	0%-25%
Commercial real estate	33	Sales comparison	Adjustment to appraised value	0%-91%
Commercial loans	1,600	Sales comparison	Adjustment to comparable sales	15%-50%
Agriculture loans	264	Sales comparison	Adjustment to appraised value	0%-50%
Real estate owned:				
One-to-four family residential real estate	325	Sales comparison	Adjustment to appraised value	10%
Commercial real estate	85	Sales comparison	Adjustment to appraised value	10%
As of December 31, 2016				
Impaired loans:				
Commercial real estate	\$ 219	Sales comparison	Adjustment to appraised value	2%-15%
Commercial loans	222	Sales comparison	Adjustment to comparable sales	7%-80%
Agriculture loans	645	Sales comparison	Adjustment to appraised value	8%-80%
Real estate owned:				
One-to-four family residential real estate	142	Sales comparison	Adjustment to appraised value	10%

(18) Regulatory Capital Requirements

Banks and bank holding companies are subject to regulatory capital requirements administered by federal banking agencies. Capital adequacy guidelines and, additionally for banks, prompt corrective action regulations, involve quantitative measures of assets, liabilities, and certain off-balance-sheet items calculated under regulatory accounting practices. Capital amounts and classifications are also subject to qualitative judgments by regulators. Failure to meet capital requirements can initiate regulatory action. Management believed as of December 31, 2017, the Company and Bank met all capital adequacy requirements to which they were subject at that time.

Prompt corrective action regulations provide five classifications: well capitalized, adequately capitalized, undercapitalized, significantly undercapitalized, and critically undercapitalized, although these terms are not used to represent overall financial condition. If adequately capitalized, regulatory approval is required to accept brokered deposits. If undercapitalized, capital distributions are limited, as is asset growth and expansion, and capital restoration plans are required. The Company and the Bank are subject to the Basel III Rule, which is applicable to all U.S. banks that are subject to minimum capital requirements, as well as to bank and savings and loan holding companies other than “small bank holding companies” (generally, non-public bank holding companies with consolidated assets of less than \$1.0 billion).

The Basel III Rule includes a common equity Tier 1 capital to risk-weighted assets minimum ratio of 4.5%, a minimum ratio of Tier 1 capital to risk-weighted assets of 6.0%, a minimum ratio of Total Capital to risk-weighted assets of 8.0%, and a minimum Tier 1 leverage ratio of 4.0%. A capital conservation buffer, comprised of common equity Tier 1 capital, is also established above the regulatory minimum capital requirements. This capital conservation buffer began on January 1, 2016 at 0.625% of risk-weighted assets, was 1.25% for 2017, and will increase each subsequent year by an additional 0.625% until reaching its final level of 2.5% on January 1, 2019. The capital conservation buffer increases the common equity Tier 1 capital ratio, Tier 1 capital and total risk based capital ratios.

As of December 31, 2017 and December 31, 2016, the most recent regulatory notifications categorized the Bank as well capitalized under the regulatory framework for prompt corrective action then in effect. There are no conditions or events since that notification that management believes have changed the Bank’s category.

The following is a comparison of the Company’s regulatory capital to minimum capital requirements in effect at December 31, 2017 and 2016:

(Dollars in thousands)

	Actual		For capital adequacy purposes	
	Amount	Ratio	Amount	Ratio (1)
<u>As of December 31, 2017</u>				
Leverage	\$ 88,605	9.80%	\$ 36,180	4.0%
Common Equity Tier 1 Capital	68,269	12.83%	30,590	5.8%
Tier 1 Capital	88,605	16.65%	38,571	7.3%
Total Risk Based Capital	94,208	17.71%	49,211	9.3%
<u>As of December 31, 2016</u>				
Leverage	\$ 88,819	10.04%	\$ 35,370	4.0%
Common Equity Tier 1 Capital	68,263	13.32%	26,265	5.1%
Tier 1 Capital	88,819	17.33%	33,952	6.6%
Total Risk Based Capital	94,596	18.46%	44,201	8.6%

(1) The required percent for capital adequacy purposes includes a capital conservation buffer of 1.25% for December 31, 2017 and 0.625% for December 31, 2016.

The following is a comparison of the Bank's regulatory capital to minimum capital requirements in effect at December 31, 2017 and 2016:

<i>(Dollars in thousands)</i>	Actual		For capital adequacy purposes		To be well-capitalized under prompt corrective action provisions	
	Amount	Ratio	Amount	Ratio (1)	Amount	Ratio
<u>As of December 31, 2017</u>						
Leverage	\$ 86,808	9.62%	\$ 36,097	4.0%	\$ 45,122	5.0%
Common Equity Tier 1 Capital (1)	86,808	16.35%	30,529	5.8%	34,511	6.5%
Tier 1 Capital (1)	86,808	16.35%	38,493	7.3%	42,475	8.0%
Total Risk Based Capital (1)	92,407	17.40%	49,112	9.3%	53,094	10.0%
<u>As of December 31, 2016</u>						
Leverage	\$ 88,076	9.98%	\$ 35,284	4.0%	\$ 44,105	5.0%
Common Equity Tier 1 Capital	88,076	17.23%	26,194	5.1%	33,222	6.5%
Tier 1 Capital	88,076	17.23%	33,861	6.6%	40,888	8.0%
Total Risk Based Capital	93,560	18.31%	44,083	8.6%	51,110	10.0%

(1) The required percent for capital adequacy purposes includes a capital conservation buffer of 1.25% for December 31, 2017 and 0.625% for December 31, 2016.

(19) Parent Company Condensed Financial Statements

The following is condensed financial information of the parent company as of December 31, 2017 and 2016 and for the years ended December 31, 2017, 2016 and 2015:

Condensed Balance Sheets

<i>(Dollars in thousands)</i>	As of December 31,	
	2017	2016
Assets:		
Cash and cash equivalents	\$ 217	\$ 22
Investment securities	245	1,360
Investment in subsidiaries	107,443	104,412
Other	1,261	626
Total assets	<u>\$ 109,166</u>	<u>\$ 106,420</u>
Liabilities and stockholders' equity:		
Subordinated debentures	\$ 21,484	\$ 21,284
Other	60	185
Stockholders' equity	87,622	84,951
Total liabilities and stockholders' equity	<u>\$ 109,166</u>	<u>\$ 106,420</u>

Condensed Statements of Earnings

<i>(Dollars in thousands)</i>	Years ended December 31,		
	2017	2016	2015
Dividends from Bank	\$ 3,700	\$ 1,250	\$ 3,723
Interest income	49	59	50
Gain on sale of investment	493	324	-
Other non-interest income	7	7	7
Interest expense	(898)	(787)	(770)
Other expense, net	(470)	(314)	(297)
Earnings before equity in undistributed earnings	2,881	539	2,713
Increase in undistributed equity of Bank	633	8,171	7,442
Increase in undistributed equity of Nonbank subsidiary	542	-	-
Earnings before income taxes	4,056	8,710	10,155
Income tax benefit	(313)	(251)	(351)
Net earnings	4,369	8,961	10,506
Other comprehensive income (loss)	1,010	(3,523)	357
Total comprehensive income	<u>\$ 5,379</u>	<u>\$ 5,438</u>	<u>\$ 10,863</u>

Condensed Statements of Cash Flows

<i>(Dollars in thousands)</i>	<u>Years ended December 31,</u>		
	2017	2016	2015
Cash flows from operating activities:			
Net earnings	\$ 4,369	\$ 8,961	\$ 10,506
Increase in undistributed equity of subsidiaries	(1,175)	(8,171)	(7,442)
Amortization of purchase accounting adjustment on subordinated debentures	200	200	200
Gain on sale of investment	(493)	(324)	-
Other	(543)	(112)	19
Net cash provided by operating activities	2,358	554	3,283
Cash flows from investing activities:			
Investment in subsidiary	(250)	-	-
Proceeds from sales and maturities of investment securities	967	445	14
Net cash provided by investing activities	717	445	14
Cash flows from financing activities:			
Proceeds from exercise of stock options	228	1,796	510
Proceeds from other borrowings	100	-	2,605
Repayments on other borrowings	(100)	-	(3,745)
Payment of dividends	(3,108)	(2,912)	(2,547)
Net cash used in financing activities	(2,880)	(1,116)	(3,177)
Net increase (decrease) in cash	195	(117)	120
Cash at beginning of year	22	139	19
Cash at end of year	\$ 217	\$ 22	\$ 139

Dividends paid by the Company are provided through dividends from the Bank. At December 31, 2017, the Bank could distribute dividends of up to \$16.2 million without regulatory approvals. The primary source of funds for the Company is dividends from the Bank. Under the National Bank Act, a national bank may pay dividends out of its undivided profits in such amounts and at such times as the bank's board of directors deems prudent. Without prior OCC approval, however, a national bank may not pay dividends in any calendar year that, in the aggregate, exceed the bank's year-to-date net income plus the bank's retained net income for the two preceding years. The payment of dividends by any financial institution is affected by the requirement to maintain adequate capital pursuant to applicable capital adequacy guidelines and regulations, and a financial institution generally is prohibited from paying any dividends if, following payment thereof, the institution would be undercapitalized.

(20) Commitments, Contingencies and Guarantees

Commitments to extend credit are legally binding agreements to lend to a borrower providing there are no violations of any conditions established in the contract. The Company, as a provider of financial services, routinely issues financial guarantees in the form of financial and performance commercial and standby letters of credit. As many of the commitments are expected to expire without being drawn upon, the total commitment does not necessarily represent future cash requirements (see Note 6).

There are no pending legal proceedings to which the Company or the Bank is a party other than ordinary routine litigation incidental to the Bank's business. While the ultimate outcome of current legal proceedings cannot be predicted with certainty, it is the opinion of management that the resolution of these legal actions should not have a material effect on the Company's consolidated financial position or results of operations.

(21) Deposit-Related Loss

On August 8, 2017, the Company was made aware that checks deposited by our customer from a third party were being returned by another financial institution due to uncollected funds related to the third party. This caused a \$10.3 million overdraft balance. As of December 31, 2017, the Company's collection efforts have provided \$2.2 million in funds to cover a portion of the overdraft, resulting in an \$8.1 million pre-tax loss which is included in other non-interest expense in the consolidated statement of earnings. An investigation of the situation and the potential recovery of losses is ongoing, including whether or not existing insurance policies will cover any of the loss. The Company intends to protect all of its rights pursuant to this matter and seek all available legal and equitable remedies; however, future recoveries are uncertain. The recovery process is expected to require an extended period of time to resolve, and the Company will likely incur further legal expenses in pursuing our recovery efforts.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None

ITEM 9A. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

An evaluation was performed under the supervision and with the participation of the Company's management, including the Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of the Company's disclosure controls and procedures (as defined in Rule 13a-15(e) promulgated under the Exchange Act) as of December 31, 2017. Based on that evaluation, the Company's management, including the Chief Executive Officer and Chief Financial Officer, concluded that the Company's disclosure controls and procedures were effective.

Management's Report on Internal Control over Financial Reporting

Management is responsible for establishing and maintaining adequate internal control over financial reporting (as defined by Rule 13a-15(f) promulgated under the Exchange Act). The Company's internal control over financial reporting is a process designed under the supervision of the Company's Chief Executive Officer and Chief Financial Officer to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the Company's financial statements for external purposes in accordance with GAAP.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect all 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.

Management has made a comprehensive review, evaluation, and assessment of the Company's internal control over financial reporting as of December 31, 2017. In making its assessment of the effectiveness of the Company's internal control over financial reporting, management used the framework established in Internal-Control Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission - 2013. Based on that assessment, management concluded that, as of December 31, 2017, the Company's internal control over financial reporting was effective.

Crowe Chizek LLP, independent registered public accounting firm, has issued its report dated March 14, 2018, on the audited consolidated financial statements and on the effectiveness of the Company's internal control over financial reporting. This report is incorporated by reference in Item 8 above, under the heading "Report of Independent Registered Public Accounting Firm".

There were no changes in the Company's internal control over financial reporting during the quarter ended December 31, 2017 that materially affected or were reasonably likely to materially affect the Company's internal control over financial reporting.

ITEM 9B. OTHER INFORMATION

None

PART III.

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

Directors

The Company incorporates by reference the information called for by Item 10 of this Form 10-K from the sections entitled “Proposal 1 - Election of Directors,” “Section 16(a) Beneficial Ownership Reporting Compliance” and “Corporate Governance and the Board of Directors” of the Company’s Proxy Statement for the annual meeting of stockholders to be held May 23, 2018 (the “2018 Proxy Statement”).

The executive officers of the Company, each of whom is also currently an executive officer of the Bank and all of whom serve at the discretion of the Board of Directors, are identified below:

<u>Name since</u>	<u>Age</u>	<u>Positions with the Company</u>	<u>Held position</u>
Patrick L. Alexander	65	Executive Chairman	January 2014
Michael E. Scheopner	56	President and Chief Executive Officer	May 2013/January 2014
Mark A. Herpich	50	Vice President, Secretary, Chief Financial Officer and Treasurer	October 2001

The executive officers of the Bank are identified below:

<u>Name</u>	<u>Age</u>	<u>Positions with the Bank</u>	<u>Held position since</u>
Patrick L. Alexander	65	Executive Chairman	January 2014
Michael E. Scheopner	56	President and Chief Executive Officer	May 2013/January 2014
Mark A. Herpich	50	Executive Vice President and Chief Financial Officer	October 2001
Dean R. Thibault	66	Executive Vice President, Chief Lending Officer	January 2018
Mark J. Oliphant	65	Executive Vice President, Market President-Central Region	February 2013

ITEM 11. EXECUTIVE COMPENSATION

The Company incorporates by reference the information called for by Item 11 of this Form 10-K from the sections entitled “Corporate Governance and the Board of Directors,” and “Executive Compensation” of the 2018 Proxy Statement.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The Company incorporates by reference the information called for by Item 12 of this Form 10-K from the section entitled “Security Ownership of Certain Beneficial Owners” of the 2018 Proxy Statement.

Equity Compensation Plan Information

The table below sets forth the following information as of December 31, 2017 for all equity compensation plans:

- (a) the number of securities to be issued upon the exercise of outstanding options, warrants and rights;
- (b) the weighted-average exercise price of such outstanding options, warrants and rights;
- (c) other than securities to be issued upon the exercise of such outstanding options, warrants and rights, the number of securities remaining available for future issuance under the plans.

EQUITY COMPENSATION PLAN INFORMATION

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
Equity compensation plans approved by security holders (1)	173,448	\$ 16.09	238,807
Equity compensation plans not approved by security holders	-	-	-
Total	173,448	\$ 16.09	238,807

(1) Reflects outstanding options granted under our 2001 and 2015 Stock Incentive Plans and the remaining share reserve under our 2015 Stock Incentive Plan.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The Company incorporates by reference the information called for by Item 13 of this Form 10-K from the sections entitled “Proposal 1 – Election of Directors,” “Corporate Governance and the Board of Directors” and “Certain Relationships and Related Transactions” of the 2018 Proxy Statement.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The Company incorporates by reference the information called for by Item 14 of this Form 10-K from the section entitled “Proposal 2 - Ratification of Crowe Chizek LLP as our Independent Registered Public Accounting Firm” of the 2018 Proxy Statement.

PART IV.

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

ITEM 15(a)1 and 2. Financial Statements and Schedules

LANDMARK BANCORP, INC. AND SUBSIDIARY
LIST OF FINANCIAL STATEMENTS

The following audited Consolidated Financial Statements of the Company and its subsidiaries and related notes and auditors' report are included in Part II, Item 8 of this Report:

Report of Independent Registered Public Accounting Firm

Consolidated Balance Sheets – December 31, 2017 and 2016

Consolidated Statements of Earnings – Years ended December 31, 2017, 2016 and 2015

Consolidated Statements of Comprehensive Income – Years ended December 31, 2017, 2016 and 2015

Consolidated Statements of Stockholders' Equity – Years ended December 31, 2017, 2016 and 2015

Consolidated Statements of Cash Flows – Years ended December 31, 2017, 2016 and 2015

Notes to Consolidated Financial Statements

All schedules are omitted because they are not required or are not applicable or the required information is shown in the financial statements incorporated by reference or notes thereto.

Item 15(a)3. Exhibits

Exhibit Number	Description	Incorporated by reference to	Attached hereto
2.1	Agreement and Plan of Merger, dated August 1, 2013, among the Bank, the Company, Citizens Bank, National Association and First Capital Corporation	Exhibit 2.1 to the registrant's Form 8-K filed with the SEC on August 2, 2013 (SEC file no. 000-33203)	
2.2	First Amendment to Agreement and Plan of Merger, dated October 31, 2013, among the Bank, Company, Citizens Bank, National Association and First Capital Corporation	Exhibit 2.1 to the registrant's Form 8-K filed with the SEC on November 4, 2013 (SEC file no. 000-33203)	
3.1	Amended and Restated Certificate of Incorporation	Exhibit 3.1 to the registrant's transition report on Form 10-K filed with the SEC on March 29, 2002 (SEC file no. 000-33203)	
3.2	Certificate of Amendment of the Amended and Restated Certificate of Incorporation	Exhibit 3.2 to the registrant's report on Form 10-K filed with the SEC on March 29, 2013 (SEC file no. 000-33203)	
3.3	Bylaws	Exhibit 3.3 to the registrant's Form S-4 filed with the SEC on June 7, 2001 (SEC file no. 333-62466)	
4.0	Certain instruments defining the rights of holders of long-term debt of the Company, none of which authorize a total amount of indebtedness in excess of 10% of the total assets of the Company and its subsidiaries on a consolidated basis, have not been filed as exhibits. The Company hereby agrees to furnish a		

	copy of any of these agreements to the Commission upon request.		
10.1*	Employment agreement effective January 1, 2014 between Patrick L. Alexander and the Company and the Bank	Exhibit 10.1 to the registrant's Form 8-K filed with the SEC on December 20, 2013 (SEC file no. 000-33203)	
10.2*	Amendment to Employment Agreement, dated May 12, 2015, between Patrick L. Alexander and the Company and the Bank	Exhibit 10.1 to the registrant's Form 10-Q filed with the SEC on May 14, 2015 (SEC file no. 000-33203)	
10.3*	Employment agreement effective January 1, 2014 between Michael E. Scheopner and the Company and the Bank	Exhibit 10.2 to the registrant's Form 8-K filed with the SEC on December 20, 2013 (SEC file no. 000-33203)	
10.4*	Employment agreement effective November 1, 2013 between Mark A. Herpich and the Company and the Bank	Exhibit 10.3 to the registrant's Form 8-K filed with the SEC on December 20, 2013 (SEC file no. 000-33203)	
10.5*	Employment agreement effective November 1, 2013 between Dean R. Thibault and the Company and the Bank	Exhibit 10.4 to the registrant's Form 8-K filed with the SEC on December 20, 2013 (SEC file no. 000-33203)	
10.6*	Employment agreement effective November 1, 2013 between Mark J. Oliphant and the Company and the Bank	Exhibit 10.5 to the registrant's Form 8-K filed with the SEC on December 20, 2013 (SEC file no. 000-33203)	
10.7*	Employment agreement effective November 1, 2013 between Bradly L. Chindamo and the Company and the Bank	Exhibit 10.6 to the registrant's Form 8-K filed with the SEC on December 20, 2013 (SEC file no. 000-33203)	
10.8*	Form of Landmark Bancorp, Inc. 2001 Stock Incentive Plan Non-qualified Stock Option Agreement	Exhibit 10.9 to the registrant's report on Form 10-K filed with the SEC on March 30, 2005 (SEC file no. 000-33203)	
10.9*	Form of Landmark Bancorp, Inc. Deferred Compensation Agreements	Exhibit 10.11 to the registrant's report on Form 10-K filed with the SEC on March 30, 2005 (SEC file no. 000-33203)	
10.10*	Landmark Bancorp, Inc. 2001 Stock Incentive Plan	Exhibit 10.1 to the registrant's Form S-8 filed with the SEC on February 11, 2003 (SEC file no. 333-103091)	
10.11*	Landmark Bancorp, Inc. 2015 Stock Incentive Plan	Exhibit 10.20 to the registrant's report on Form 10-K filed with the SEC on March 14, 2016 (SEC file no. 000-33203)	
10.12	Business Loan Agreement, Promissory Note and Commercial Pledge Agreement, dated November 1, 2016, between Landmark Bancorp, Inc. and First National Bank of Omaha	Exhibit 10.1 to the registrant's Form 10-Q filed with the SEC on November 10, 2016 (SEC file no. 000-33203)	
10.13*	Form of Landmark Bancorp, Inc. 2015 Stock Incentive Plan Restricted Stock Award Agreement	Exhibit 4.5 to the registrant's Form S-8 filed with the SEC on May 16, 2016 (SEC file no. 333-211399)	
10.14*	Form of Landmark Bancorp, Inc. 2015 Stock Incentive Plan Nonqualified Stock Option Award Agreement	Exhibit 4.6 to the registrant's Form S-8 filed with the SEC on May 16, 2016 (SEC file no. 333-211399)	
10.15*	Form of Landmark Bancorp, Inc. 2015 Stock Incentive Plan Restricted Stock Unit Award Agreement	Exhibit 4.7 to the registrant's Form S-8 filed with the SEC on May 16, 2016 (SEC file no. 333-211399)	
10.16	Change in Terms Agreement dated November 1, 2017, between Landmark Bancorp, Inc. and First National Bank of Omaha	Exhibit 10.1 to the registrant's Form 10-Q filed with the SEC on November	

		13, 2017 (SEC file no. 000-33203)	
13.1	Letters to Stockholders and Corporate Information included in 2018 Annual Report to Stockholders		X
21.1	Subsidiaries of the Company		X
23.1	Consent of Crowe Chizek LLP		X
31.1	Certification of Chief Executive Officer Pursuant to Rule 13a-14(a)/15d-14(a)		X
31.2	Certification of Chief Financial Officer Pursuant to Rule 13a-14(a)/15d-14(a)		X
32.1	Certification of Chief Executive Officer Pursuant to 18 U.S.C. Section 1350, as adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002		X
32.2	Certification of Chief Financial Officer Pursuant to 18 U.S.C. Section 1350, as adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002		X

Exhibit 101 Interactive data files pursuant to Rule 405 of Regulation S-T: (i) Consolidated Balance Sheets as of December 31, 2017 and 2016; (ii) Consolidated Statements of Earnings for the twelve months ended December 31, 2017, 2016 and 2015; (iii) Consolidated Statements of Comprehensive Income for the twelve months ended December 31, 2017, 2016 and 2015; (iv) Consolidated Statements of Stockholders' Equity for the twelve months ended December 31, 2017, 2016 and 2015; (v) Consolidated Statements of Cash Flows for the twelve months ended December 31, 2017, 2016 and 2015; and (vi) Notes to Consolidated Financial Statements

*Indicates management contract or compensatory plan or arrangement.

Upon written request to the President of the Company, P.O. Box 308, Manhattan, Kansas 66505-0308, copies of the exhibits listed above are available to stockholders of the Company by specifically identifying each exhibit desired in the request. The Company's filings with the SEC are also available free of charge via the Internet at www.sec.gov, the Company's website available at www.landmarkbancorpinc.com or through the investor relations link at the Bank's website at www.banklandmark.com.

ITEM 16. FORM 10-K SUMMARY

None

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.

LANDMARK BANCORP, INC.

(Registrant)

By: /s/ Michael E. Scheopner
Michael E. Scheopner
President and Chief Executive Officer
(Principal Executive Officer)

By: /s/ Mark A. Herpich March 14, 2018
Mark A. Herpich date
Vice President, Secretary, Treasurer and Chief Financial Officer
(Principal Financial and 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.

SIGNATURE

TITLE

/s/ Michael E. Scheopner
Michael E. Scheopner

March 14, 2018
Date

President, Chief Executive Officer and
Director (Principal Executive Officer)

/s/ Patrick L. Alexander
Patrick L. Alexander

March 14, 2018
Date

Executive Chairman of the Board,
Director

/s/ Mark A. Herpich
Mark A. Herpich

March 14, 2018
Date

Vice President, Secretary, Treasurer
and Chief Financial Officer (Principal
Financial and Accounting Officer)

/s/ Richard A. Ball
Richard A. Ball

March 14, 2018
Date

Director

/s/ Brent A. Bowman
Brent A. Bowman

March 14, 2018
Date

Director

/s/ Sarah Hill-Nelson
Sarah Hill-Nelson

March 14, 2018
Date

Director

/s/ Jim W. Lewis
Jim W. Lewis

March 14, 2018
Date

Director

/s/ Susan E. Roepke
Susan E. Roepke

March 14, 2018
Date

Director

/s/ Wayne R. Sloan
Wayne R. Sloan

March 14, 2018
Date

Director

/s/ David H. Snapp
David H. Snapp

March 14, 2018
Date

Director

EXHIBIT 13.1

Letter to Shareholders and Corporate Information Included in 2017 Annual Report to Shareholders

See pages 2-3 of this document for the letter to shareholders and inside the back cover for the corporate information contained in exhibit 13.1 filed on form 10-K with the SEC.

EXHIBIT 21.1

Subsidiaries of Landmark Bancorp, Inc.

The most significant subsidiary of the Company is Landmark National Bank, a national banking association with its main office located in Manhattan, Kansas, and with branch offices located in Auburn, Dodge City (2), Fort Scott (2), Garden City, Great Bend (2), Hoisington, Iola, Junction City, Kincaid, LaCrosse, Lawrence (2), Lenexa, Louisburg, Manhattan, Mound City, Osage City, Osawatomie, Overland Park, Paola, Pittsburg, Topeka (2), Wamego and Wellsville, Kansas. The Company also owns Landmark Risk Management, Inc. which was formed and began operations on May 31, 2017, is a Nevada-based captive insurance company which provides property and casualty insurance coverage to the Company and the Bank for which insurance may not be currently available or economically feasible in today's insurance marketplace. Landmark Risk Management, Inc. pools resources with several other similar insurance company subsidiaries of financial institutions to spread a limited amount of risk among themselves. The Company also owns all of the common securities of Landmark Capital Trust I, Landmark Capital Trust II and First Capital (KS) Statutory Trust, each a Delaware statutory trust, formed to issue trust preferred securities in a private placement.

EXHIBIT 23.1

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement No. 333-103091 on Form S-8 and Registration Statement No. 333-211399 on Form S-8 of Landmark Bancorp, Inc. of our report dated March 14, 2018, relating to the consolidated financial statements and the effectiveness of internal control over financial reporting, appearing in this Annual Report on Form 10-K.

/s/ Crowe Chizek LLP

Oak Brook, Illinois
March 14, 2018

**CERTIFICATION PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Michael E. Scheopner, certify that:

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

Date: March 14, 2018

/s/ Michael E. Scheopner
Michael E. Scheopner
Chief Executive Officer

**CERTIFICATION PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002**

I, Mark A. Herpich, certify that:

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

Date: March 14, 2018

/s/ Mark A. Herpich
Mark A. Herpich
Chief Financial Officer

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the annual report of Landmark Bancorp, Inc. (the “Company”) on Form 10-K for the period ending December 31, 2017 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Michael E. Scheopner, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Michael E. Scheopner
Michael E. Scheopner
Chief Executive Officer
March 14, 2018

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the annual report of Landmark Bancorp, Inc. (the “Company”) on Form 10-K for the period ending December 31, 2017 as filed with the Securities and Exchange Commission on the date hereof (the “Report”), I, Mark A. Herpich, Chief Financial Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Mark A. Herpich
Mark A. Herpich
Chief Financial Officer
March 14, 2018

CORPORATE INFORMATION

CORPORATE HEADQUARTERS

701 Poyntz Avenue
Manhattan, Kansas 66502

ANNUAL MEETING

The annual meeting of stockholders will be held at the Kansas State Alumni Center, 17th Street and Anderson Avenue, Manhattan, Kansas, on Wednesday, May 23, 2018 at 2:00 PM.

REGISTRAR AND TRANSFER AGENT

Computershare, Inc.
P.O. Box 30170
College Station, Texas 77842

INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

Crowe Chizek LLP
One Mid America Plaza, Suite 700
Oak Brook, Illinois 60522

FORM 10-K

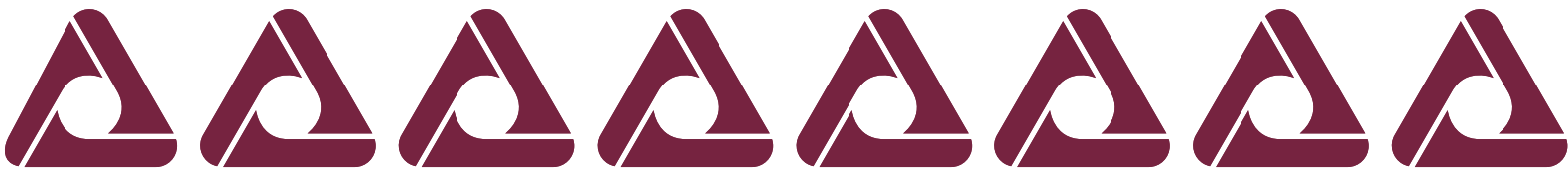
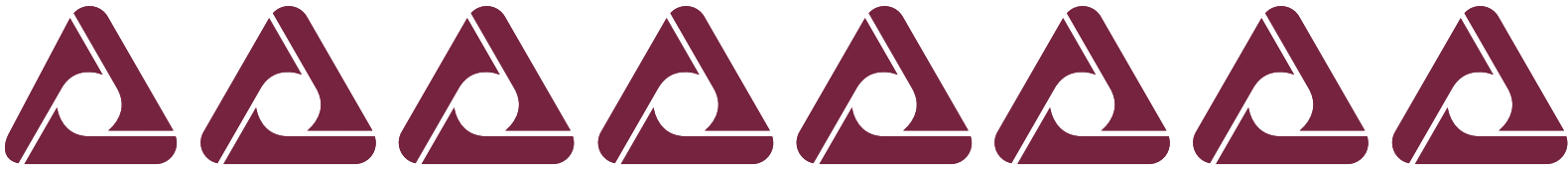
A copy of the Annual Report on Form 10-K filed with the Securities and Exchange Commission may be obtained by stockholders without charge on written request to Michael E. Scheopner, President and Chief Executive Officer, Landmark Bancorp, Inc., P.O. Box 308, Manhattan, Kansas 66505-0308, or by accessing our website at <http://www.landmarkbancorpinc.com> or the SEC's website at www.sec.gov.

MISSION STATEMENT

We are dedicated to providing quality financial services to customers in a manner that exceeds customer expectations. These services will be delivered by outgoing, professional, and knowledgeable associates that are focused on asking for the business and establishing long-term banking relationships. These banking relationships will have a foundation of personal service and quality products that are delivered in a convenient manner that meet our customers' needs at a fair and competitive price.

OUR VISION

Everyone starts as a customer and leaves as a friend.



Nasdaq: LARK