ENTERPRISE BANCORP INC /MA/ Form 4 January 26, 2015 OMB APPROVAL FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION OMB 3235-0287 Washington, D.C. 20549 Number: Check this box January 31, Expires: if no longer 2005 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Estimated average **SECURITIES** Section 16. burden hours per Form 4 or response... 0.5 Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b). (Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading **CONWAY JAMES F III** Issuer Symbol **ENTERPRISE BANCORP INC** (Check all applicable) /MA/ [EBTC] (Last) (First) (Middle) 3. Date of Earliest Transaction X_ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) below) C/O ENTERPRISE BANCORP. 222 01/26/2015 MERRIMACK STREET (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting LOWELL, MA 01852 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of 7. Nature of 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 6. Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) anv Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) Owned (Instr. 8) (D) or Ownership Indirect (I) (Instr. 4) Following Reported (Instr. 4) (A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price Common 1.332 26.393.3996 \$ Ρ 01/26/2015 D A (1)(2) (3) (4) Stock 20.84

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
 (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owne Follo Repo Trans (Instr
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Other

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Reporting Owners

Reporting Owner Name / Address

Relationships

10% Owner Officer

CONWAY JAMES F III C/O ENTERPRISE BANCORP 222 MERRIMACK STREET LOWELL, MA 01852

Signatures

/s/ John P. Clancy, Jr. as attorney-in-fact for James F. Conway III

**Signature of Reporting Person

Explanation of Responses:

If the form is filed by more than one reporting person, see Instruction 4(b)(v).

Director

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- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Issued in lieu of cash for director compensation
- (2) Includes 155.3917 shares acquired through dividend reinvestment on 6/2/14.
- (3) Includes 146.6563 shares acquired through dividend reinvestment on 9/2/14.
- (4) Includes 129.7957 shares acquired through dividend reinvestment on 12/1/14.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number. :left;font-size:9pt;">If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

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

The aggregate market value of the voting stock held by non-affiliates of the registrant was \$220,151,000 as of the last business day of the registrant's most recently completed second fiscal quarter.

Reporting Owners

2

01/26/2015

Date

The number of common shares outstanding of the registrant's Common Stock (no par value) was 7,861,737 as of March 9, 2018.

DOCUMENTS INCORPORATED BY REFERENCE

(Such documents are incorporated herein only to the extent specifically set forth in response to an item herein.) Portions of the Isabella Bank Corporation Proxy Statement for its Annual Meeting of Shareholders to be held May 8, 2018 are incorporated by reference in this Form 10-K in response to Part III.

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Forward Looking Statements

This report contains certain forward looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. We intend such forward looking statements to be covered by the safe harbor provisions for forward looking statements contained in the Private Securities Litigation Reform Act of 1995, and are included in this statement for purposes of these safe harbor provisions. Forward looking statements, which are based on certain assumptions and describe future plans, strategies and expectations, are generally identifiable by use of the words "believe," "expect," "intend," "anticipate," "estimate," "project similar expressions. 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 the operations and future prospects include, but are not limited to, changes in: interest rates, general economic conditions, monetary and fiscal policy, the quality or composition of the loan or investment portfolios, demand for loan products, fluctuation in the value of collateral securing our loan portfolio, deposit flows, competition, demand for financial services in our market area, and accounting principles, policies and guidelines. These risks and uncertainties should be considered in evaluating forward looking statements and undue reliance should not be placed on such statements. Further information concerning our business, including additional factors that could materially affect our consolidated financial results, is included in our filings with the SEC.

Glossary of Acronyms and Abbreviations

The acronyms and abbreviations identified below may be used throughout this Annual Report on Form 10-K or in our other SEC filings. You may find it helpful to refer back to this page while reading this report.

AFS: Available-for-sale

ALLL: Allowance for loan and lease losses

AOCI: Accumulated other comprehensive income

ASC: FASB Accounting Standards Codification

ASU: FASB Accounting Standards Update

ATM: Automated Teller Machine

BHC Act: Bank Holding Company Act of 1956 CECL: Current Expected Credit Losses CFPB: Consumer Financial Protection Bureau

CIK: Central Index Key

CRA: Community Reinvestment Act

DIF: Deposit Insurance Fund DIFS: Department of Insurance and Financial Services Directors Plan: Isabella Bank Corporation and Related Companies Deferred Compensation Plan for Directors Dividend Reinvestment Plan: Isabella Bank Corporation Stockholder Dividend Reinvestment Plan and Employee Stock Purchase Plan Dodd-Frank Act: Dodd-Frank Wall Street Reform and Consumer Protection Act of 2010 ESOP: Employee Stock Ownership Plan Exchange Act: Securities Exchange Act of 1934 FASB: Financial Accounting Standards Board FDI Act: Federal Deposit Insurance Act GAAP: U.S. generally accepted accounting principles GLB Act: Gramm-Leach-Bliley Act of 1999 **IFRS:** International Financial Reporting Standards **IRR**: Interest rate risk ISDA: International Swaps and **Derivatives Association** JOBS Act: Jumpstart our Business Startups Act LIBOR: London Interbank Offered Rate N/A: Not applicable N/M: Not meaningful NASDAQ: NASDAQ Stock Market Index NASDAQ Banks: NASDAQ Bank Stock Index NAV: Net asset value NOW: Negotiable order of withdrawal NSF: Non-sufficient funds

OCI: Other comprehensive income (loss)

OMSR: Originated mortgage servicing rights OREO: Other real estate owned OTTI: Other-than-temporary impairment PBO: Projected benefit obligation

Explanation of Responses:

PCAOB: Public Company Accounting

	Oversight Board
FDIC: Federal Deposit Insurance Corporation	Rabbi Trust: A trust established to fund
FDIC. Federal Deposit insurance Corporation	the Directors Plan
FFIEC: Federal Financial Institutions Examinations Council	SEC: U.S. Securities and Exchange
TTILC. Tederal T maneral institutions Examinations Council	Commission
FRB: Federal Reserve Bank	SOX: Sarbanes-Oxley Act of 2002
FHLB: Federal Home Loan Bank	Tax Act: Tax Cuts and Jobs Act, enacted
THED. Pederal Home Loan Dank	December 22, 2017
Freddie Mac: Federal Home Loan Mortgage Corporation	TDR: Troubled debt restructuring
FTE: Fully taxable equivalent	XBRL: eXtensible Business Reporting
	Language

PART I

Item 1. Business. (Dollars in thousands)

General

Isabella Bank Corporation is a registered financial services holding company that was incorporated in September 1988 under Michigan law. The Corporation's sole subsidiary, Isabella Bank, has 29 banking offices located throughout Clare, Gratiot, Isabella, Mecosta, Midland, Montcalm, and Saginaw counties and a loan production office located in Saginaw county. The area includes significant agricultural production, manufacturing, retail, gaming and tourism, and several colleges and universities.

As used in Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations as well as in Item 8. Financial Statements and Supplementary Data, references to "the Corporation," "Isabella," "we," "our," "us," and similar terms refer to the consolidated entity consisting of Isabella Bank Corporation and its subsidiary. Isabella Bank Corporation refers solely to the parent holding company, and Isabella Bank or the "Bank" refers to Isabella Bank Corporation's subsidiary, Isabella Bank.

Our reportable segments are based on legal entities that account for at least 10% of net operating results. Retail banking operations for 2017, 2016, and 2015 represent approximately 90% or greater of total assets and operating results. As such, we have only one reportable segment.

We are a community bank with a focus on providing high quality, personalized service at a fair price. We offer a broad array of banking services to businesses, institutions, and individuals. We compete with other commercial banks, savings and loan associations, mortgage brokers, finance companies, credit unions, and retail brokerage firms. Lending activities include loans for commercial and agricultural operating and real estate purposes, residential real estate loans, and consumer loans. We limit lending activities primarily to local markets and have not purchased any loans from the secondary market. We do not make loans to fund leveraged buyouts, have no foreign corporate or government loans, and have limited holdings of corporate debt securities. Our general lending philosophy is to limit concentrations to individuals and business segments. For additional information related to our lending strategies and policies, see "Note 5 - Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Deposit services offered include checking accounts, savings accounts, certificates of deposit, direct deposits, cash management services, mobile and internet banking, electronic bill pay services, and automated teller machines. We also offer full service trust and brokerage services.

As of December 31, 2017, we had 376 full-time equivalent employees. We provide group life, health, accident, disability, and other insurance programs as well as a number of other employee benefit programs. None of our workforce is subject to collective bargaining agreements.

Available Information

Our SEC filings (including our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q, Definitive Proxy Statements, Current Reports on Form 8-K and amendments to those reports) are available through our website (www.isabellabank.com). We will provide paper copies of our SEC reports free of charge upon request of a shareholder.

The SEC maintains a website (www.sec.gov) that contains reports, proxy and information statements and other information regarding Isabella Bank Corporation (CIK #0000842517) and other issuers. Supervision and Regulation

The earnings and growth of the banking industry and, therefore, our earnings are affected by the credit policies of monetary authorities, including the FRB. An important function of the FRB is to regulate the national supply of bank credit in order to combat recessions and respond to inflationary pressures. Among the instruments of monetary policy used by the FRB to implement these objectives are open market operations in U.S. Treasury and U.S. Government Agency securities, changes in the discount rate on member bank borrowings, and changes in reserve requirements against member bank deposits. These methods are used in varying combinations to influence overall growth of bank loans, investments and deposits and also affect interest rates charged on loans or paid for deposits. The monetary policies of the FRB have had a significant effect on the operating results of commercial banks and related financial service providers in the past and are expected to continue to do so in the future. The effect of such policies upon our

future business and earnings cannot be predicted.

We, as a financial holding company, are regulated under the BHC Act, and are subject to the supervision of the FRB. We are registered as a financial services holding company with the FRB and are subject to annual reporting requirements and

inspections and audits. Under FRB policy, we are expected to act as a source of financial strength to the Bank and to commit resources to support its subsidiaries. This support may be required at times when, in the absence of such FRB policy, it would not otherwise be required to provide support.

Under Michigan law, if the capital of a Michigan state chartered bank has become impaired by losses or otherwise, the Commissioner of the DIFS may require that the deficiency in capital be met by assessment upon the bank's shareholders pro rata on the amount of capital stock held by each, and if any such assessment is not paid by any shareholder within 30 days of the date of mailing of notice thereof to such shareholder, cause the sale of the stock of such shareholder to pay such assessment and the costs of sale of such stock.

Any capital loans by a bank holding company to any of its subsidiary banks are subordinate in right of payment to deposits and to certain other indebtedness of such subsidiary bank. In the event of a bank holding company's bankruptcy, any commitment by the bank holding company to a federal bank regulatory agency to maintain the capital of a subsidiary bank will be assumed by the bankruptcy trustee and entitled to a priority of payment. This priority would apply to guarantees of capital plans under the FDIC Improvement Act of 1991.

SOX contains important requirements for public companies in the area of financial disclosure and corporate governance. In accordance with Section 302(a) of SOX, written certifications by our principal executive, financial, and accounting officers are required. These certifications attest that our quarterly and annual reports filed with the SEC do not contain any untrue statement of a material fact (see the certifications filed as Exhibits 31 (a) and (b) to this Form 10-K for such certification of consolidated financial statements and other information for this 2017 Form 10-K). We have also implemented a program designed to comply with Section 404 of SOX, which included the identification of significant processes and accounts, documentation of the design of control effectiveness over process and entity level controls, and testing of the operating effectiveness of key controls. See Item 9A. Controls and Procedures for our evaluation of disclosure controls and procedures and internal control over financial reporting.

Certain additional information concerning regulatory guidelines for capital adequacy and other regulatory matters is presented herein under the caption "Capital" in Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations and in "Note 15 – Commitments and Other Matters" and "Note 16 – Minimum Regulatory Capital Requirements" of the Notes to Consolidated Financial Statements in Item 8. Financial Statements and Supplementary Data.

Isabella Bank

The Bank is supervised and regulated by DIFS and the FRB. These agencies and federal and state laws extensively regulate various aspects of the banking business including, among other things, permissible types and amounts of loans, investments and other activities, capital adequacy, branching, interest rates on loans and deposits, and the safety and soundness of banking practices.

Our deposits are insured up to applicable limits by the DIF of the FDIC and are subject to deposit insurance assessments to maintain the DIF. The FDIC assesses insurance premiums based upon a financial ratios method that takes into account assets and capital levels and supervisory ratings.

Banking laws and regulations restrict transactions by insured banks owned by a bank holding company, including loans to and certain purchases from the parent holding company, non-bank and bank subsidiaries of the parent holding company, principal shareholders, officers, directors and their affiliates, and investments by the subsidiary bank in the shares or securities of the parent holding company (or any of the other non-bank or bank affiliates), or acceptance of such shares or securities as collateral security for loans to any borrower.

The Bank is subject to legal limitations on the frequency and amount of dividends that can be paid to Isabella Bank Corporation. For example, a Michigan state chartered bank may not declare a cash dividend or a dividend in kind except out of net profits then on hand after deducting all losses and bad debts, and then only if it will have a surplus amounting to not less than 20% of its capital after the payment of the dividend. Moreover, a Michigan state chartered bank may not declare or pay any cash dividend or dividend in kind until the cumulative dividends on its preferred stock, if any, have been paid in full. Further, if the surplus of a Michigan state chartered bank is at any time less than the amount of its capital, before the declaration of a cash dividend or dividend in kind, it must transfer to surplus not less than 10% of its net profits for the preceding six months (in the case of quarterly or semi-annual dividends) or the preceding two consecutive six month periods (in the case of annual dividends).

The payment of dividends by Isabella Bank Corporation and the Bank is also affected by various regulatory requirements and policies, such as the requirement to keep adequate capital in compliance with regulatory guidelines. Federal laws impose further restrictions on the payment of dividends by insured banks that fail to meet specified capital levels. The FDIC may

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prevent an insured bank from paying dividends if the bank is in default of payment of any assessment due to the FDIC. In addition, payment of dividends by a bank may be prevented by the applicable federal regulatory authority if such payment is determined, by reason of the financial condition of such bank, to be an unsafe and unsound banking practice. The FRB and the FDIC have issued policy statements providing that bank holding companies and insured banks should generally pay dividends only out of current operating earnings. Additionally, the FRB Board of Governors requires a bank holding company to notify the FRB prior to increasing its cash dividend by more than 10% over the prior year.

The aforementioned regulations and restrictions may limit our ability to obtain funds from the Bank for our cash needs, including payment of dividends and operating expenses.

The activities and operations of the Bank are also subject to various federal and state laws and regulations. Item 1A. Risk Factors.

In the normal course of business we are exposed to various risks. These risks, if not managed correctly, could have a significant impact on our earnings, capital, share price, and ability to pay dividends. In order to effectively monitor and control the following risks, we utilize an enterprise risk model. We balance our strategic goals, including revenue and profitability objectives, with associated risks through the use of policies, systems, and procedures which have been adopted to identify, assess, control, monitor, and manage each risk area. We continually review the adequacy and effectiveness of these policies, systems, and procedures.

Our enterprise risk process covers each of the following areas.

Changes in credit quality and required allowance for loan and lease losses

To manage the credit risk arising from lending activities, our most significant source of credit risk, we maintain sound underwriting policies and procedures. We continuously monitor asset quality in order to manage our credit risk to determine the appropriateness of valuation allowances. These valuation allowances take into consideration various factors including, but not limited to, local, regional, and national economic conditions.

We maintain an ALLL to reserve for estimated incurred loan losses and risks within our loan portfolio. The level of the ALLL reflects our evaluation of industry concentrations; specific credit risks; loan loss experience; loan portfolio quality; and economic, political and regulatory conditions. The determination of the appropriate level of the ALLL inherently involves a high degree of subjectivity and requires us to make significant estimates, all of which may undergo material changes.

Changes in economic conditions

An economic downturn within our local markets, as well as downturns in the state, national, or global markets, could negatively impact household and corporate incomes. This could lead to decreased demand for both loan and deposit products and lead to an increase of customers who fail to pay interest or principal on their loans. We continually monitor key economic indicators in an effort to anticipate the possible effects of downturns in the local, regional, and national economies.

Our success depends primarily on the general economic conditions of the State of Michigan and the specific local markets in which we operate. Unlike larger national or other regional banks that are more geographically diversified, we provide banking and financial services to customers located primarily in the Clare, Gratiot, Isabella, Mecosta, Midland, Montcalm, and Saginaw counties in Michigan. The local economic conditions in these areas have a significant impact on the demand for our products and services, as well as the ability of our customers to repay loans, the value of the collateral securing loans, and the stability of our deposit funding sources. A significant decline in general economic conditions, caused by inflation, recession, acts of terrorism, outbreak of hostilities or other international or domestic occurrences, unemployment, changes in securities markets or other factors could impact these local economic conditions and, in turn, have a material adverse effect on our financial condition and results of operations.

Interest rate risk

IRR results from the timing differences in the maturity or repricing frequency of a financial institution's interest earning assets and its interest bearing liabilities. We monitor the potential effects of changes in interest rates through simulations and gap analyses. To help mitigate the effects of changes in interest rates, we make significant efforts to stagger projected cash flows and maturities of interest sensitive assets and liabilities.

Liquidity risk

Liquidity risk is the risk to earnings or capital arising from our inability to meet our obligations when they come due without incurring unacceptable costs. Liquidity risk includes the inability to manage unplanned decreases or changes in funding sources, or failure to recognize or address changes in market conditions that affect the ability to liquidate assets quickly and with minimal loss in value. We have significant borrowing capacity through correspondent banks and the ability to sell certain investments to fund potential cash shortages, which we may use to help mitigate this risk. The value of investment securities may be negatively impacted by fluctuations in the market

A volatile, illiquid market or decline in credit quality could require us to recognize an OTTI loss related to the investment securities held in our portfolio. We consider many factors in determining whether an OTTI exists including the length of time and extent to which fair value has been less than cost, the investment credit rating, and the probability that the issuer will be unable to pay the amount when due. The presence of these factors could lead to impairment charges. These risks are mitigated by the fact that we do not intend to sell the security in an unrealized loss position and it is more likely than not that we will not have to sell the security before recovery of its cost basis. Operational risk

Operational risk is the risk of loss resulting from inadequate or failed internal processes, people, and systems, or external events and includes reputation risk and transaction risk. Reputation risk is developing and retaining marketplace confidence in handling customers' financial transactions in an appropriate manner and protecting our safety and soundness. Transaction risk includes losses from fraud, error, the inability to deliver products or services, and loss or theft of information. Transaction risk also encompasses product development and delivery, transaction processing, information technology systems, and the internal control environment.

To minimize potential losses due to operational risks, we have established a robust system of internal controls that is regularly tested by our internal audit department in conjunction with the services of certified public accounting firms who assist in performing such internal audit work. The focus of these internal audit procedures is to verify the validity and appropriateness of various transactions, processes, and controls. The results of these procedures are reported to our Audit Committee.

The adoption of, violations of, or nonconformance with laws, rules, regulations, or prescribed practices The financial services industry and public companies are extensively regulated and must meet regulatory standards set by the FDIC, DIFS, FRB, FASB, SEC, PCAOB, the CFPB, and other regulatory bodies. Federal and state laws and regulations are designed primarily to protect deposit insurance funds and consumers, and not necessarily to benefit our shareholders. The nature, extent, and timing of the adoption of significant new laws, changes in existing laws, or repeal of existing laws may have a material impact on our business, results of operations, and financial condition, the effect of which is impossible to predict at this time.

Our compliance department annually assesses the adequacy and effectiveness of our processes for controlling and managing our principal compliance risks.

We may not adjust to changes in the financial services industry

Our financial performance depends in part on our ability to maintain and grow our core deposit customer base and expand our financial services to our existing and new customers. The increasingly competitive environment is, in part, a result of changes in technology and product delivery systems and the accelerating pace of consolidation among financial service providers. New competitors may emerge to increase the degree of competition for our products and services. Financial services and products are also constantly changing. Our financial performance is also dependent upon customer demand for our products and services and our ability to develop and offer competitive financial products and services.

We may be required to recognize an impairment of goodwill

Goodwill represents the excess of the amounts paid to acquire subsidiaries over the fair value of their net assets at the date of acquisition. The majority of the recorded goodwill is related to acquisitions of other banks, which were subsequently merged into Isabella Bank. If it is determined that the goodwill has been impaired, we must write-down the goodwill by the amount of the impairment.

We may face pressure from purchasers of our residential mortgage loans to repurchase loans sold or reimburse purchasers for losses related to such loans

We generally sell the fixed rate long term residential mortgage loans we originate to the secondary market. In response to the recent economic downturn, the purchasers of residential mortgage loans, such as government sponsored entities, increased their efforts to require sellers of residential mortgage loans to either repurchase loans previously sold, or reimburse the purchasers for losses incurred on foreclosed loans due to actual or alleged failure to strictly conform to the terms of the contract.

Consumers may decide not to use banks to complete their financial transactions

Technology and other changes are allowing customers to complete financial transactions without the involvement of banks. For example, consumers can now pay bills and transfer funds directly without banks. The process of eliminating banks as intermediaries in financial transactions could result in the loss of fee income, as well as the loss of customer deposits and income generated from those deposits.

Changes to the financial services industry as a result of regulatory changes or actions, or significant litigation The financial services industry is extensively regulated by state and federal regulation that governs almost all aspects of our operations. Laws and regulations may change from time-to-time and are primarily intended for the protection of consumers, depositors, and the deposit insurance fund. The impact of any changes to laws and regulations or other actions by regulatory agencies may negatively impact us or our ability to increase the value of our business. Regulatory authorities have extensive discretion in connection with their supervisory and enforcement activities, including the imposition of restrictions on the operation of an institution, the classification of assets by the institution, and the appropriateness of an institution's ALLL. Future regulatory changes or accounting pronouncements may increase our regulatory capital requirements or adversely affect our regulatory capital levels. Additionally, actions by regulatory agencies or significant litigation against us could require the dedication of significant time and resources to defending our business and may lead to penalties.

Unauthorized disclosure of sensitive or confidential client or customer information, whether through cyber attacks, breach of computer systems or other means

As part of our business, we collect and retain sensitive and confidential client and customer information on our behalf and on behalf of other third parties. Despite the security measures we have in place for our facilities and systems, and the security measures of our third party service providers, we may be vulnerable to cyber attacks, security breaches, acts of vandalism, computer viruses, misplaced or lost data, human errors or other similar events. Risks related to cybersecurity continue to evolve within the industry. We continually review and monitor information and data related to cybersecurity to detect and mitigate attacks. A cyber attack could disrupt our operations and have a material adverse effect on our business. Any security breach involving the misappropriation, loss or other unauthorized disclosure of confidential customer information, whether by us or by our vendors, could severely damage our reputation, expose us to the risks of litigation and liability, disrupt our operations and have a material adverse. Our estimates and assumptions may be incorrect

Our consolidated financial statements conform with GAAP, which require us to make estimates and assumptions that affect the amounts reported in the consolidated financial statements. These estimates are based on information available to us at the time the estimates are made. Actual results could differ from those estimates. For further discussion regarding significant accounting estimates, see "Note 1 – Nature of Operations and Summary of Significant Accounting Policies" of the Notes to Consolidated Financial Statements in Item 8. Financial Statements and Supplementary Data.

Disruption of infrastructure

Our operations depend upon our technological and physical infrastructure, including our equipment and facilities. Extended disruption of our vital infrastructure by fire, power loss, natural disaster, telecommunications failure, computer hacking and viruses, or other events outside of our control, could have a significant impact on our operations. We have developed and tested disaster recovery plans, which provide detailed instructions covering all significant aspects of our operations.

Anti-takeover provisions

Our articles of incorporation include anti-takeover provisions that require a two-thirds majority vote to approve a sale of the Corporation. Additionally, changes to our articles of incorporation must be approved by a two-thirds majority vote of our shareholders. These provisions may make our stock less attractive to potential shareholders.

Item 1B. Unresolved Staff Comments.

None.

Item 2. Properties.

Our executive offices are located at 401 North Main Street in Mount Pleasant, Michigan. In addition to this location, we own 29 branches, an operations center, a mortgage operations center, and our previous main office building. We also lease property in Saginaw, Michigan which serves as a loan production office. Our facilities' current, planned, and best use is for conducting our current activities, with the exception of approximately 75% of our previous main office location. We continually monitor and assess the need for expansion and/or improvement for all facilities. In our opinion, each facility has sufficient capacity and is in good condition.

Item 3. Legal Proceedings.

We are not involved in any material legal proceedings. We are involved in ordinary, routine litigation incidental to our business; however, no such routine proceedings are expected to result in any material adverse effect on our consolidated operations, earnings, financial condition, or cash flows.

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.

Common Stock and Dividend Information

Our authorized common stock consists of 15,000,000 shares, of which 7,857,293 shares are issued and outstanding as of December 31, 2017. As of that date, there were 3,085 shareholders of record.

Our common stock is traded in the over-the-counter market. Our common stock is quoted on the OTCQX market tier of the OTC Markets Group Inc.'s ("OTC Markets") electronic quotation system (www.otcmarkets.com) under the symbol "ISBA". Other trades in our common stock occur in privately negotiated transactions from time-to-time of which we may have little or no information.

We have reviewed the information available as to the range of reported high and low bid quotations, including high and low bid information as reported by OTC Markets. The following table sets forth our compilation of that information for the periods indicated. Price information obtained from OTC Markets reflects inter-dealer prices, without retail mark-up, mark-down, or commissions and may not necessarily represent actual transactions. The following compiled data is provided for information purposes only and should not be viewed as indicative of the actual or market value of our common stock.

Number of Sale Price

	Common Shares	Low	High
2017			
First Quarter	96,592	\$27.60	\$29.00
Second Quarter	64,160	27.60	28.45
Third Quarter	66,000	27.65	29.10
Fourth Quarter	60,227	27.99	29.95
	286,979		
2016			
First Quarter	81,184	\$27.25	\$29.90
Second Quarter	47,680	27.63	28.25
Third Quarter	71,614	27.60	28.08
Fourth Quarter	53,496	27.60	28.35
	253,974		

The following table sets forth the cash dividends paid for the following quarters:

 Per Share

 2017
 2016

 First Quarter
 \$0.25
 \$0.24

 Second Quarter
 0.26
 0.25

 Third Quarter
 0.26
 0.25

 Fourth Quarter
 0.26
 \$0.98

 Total
 \$1.02
 \$0.98

We have adopted and publicly announced a common stock repurchase plan. The plan was last amended on December 20, 2017, to allow for the repurchase of an additional 200,000 shares of common stock after that date. These authorizations do not have expiration dates. As shares are repurchased under this plan, they are retired and revert back to the status of authorized, but unissued shares.

The following table provides information for the unaudited three month period ended December 31, 2017, with respect to our common stock repurchase plan:

	Commo Repurc	on Shares hased	Total Number of Common Shares	Maximum Number of	
	Numbe	Average Price Per Common Share	Purchased as Part of Publicly Announced Plan or Program	Common Shares That May Yet B Purchased Under the Plans or Programs	
Balance, September 30				56,839	
October 1 - 31	14,422	\$ 28.78	14,422	42,417	
November 1 - 30	12,765	28.67	12,765	29,652	
December 1-20	6,897	28.56	6,897	22,755	
Additional Authorization (200,000 shares)				222,755	
December 21 - 31	7,084	27.95	7,084	215,671	
Balance, December 31	41,168	\$ 28.57	41,168	215,671	
Information concerning conviction outline	f			-1	

Information concerning securities authorized for issuance under equity compensation plans appears under Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters. Stock Performance

The following graph compares the cumulative total shareholder return on our common stock for the last five years with the cumulative total return on (1) NASDAQ, which is comprised of all United States common shares traded on the NASDAQ and (2) the NASDAQ Banks, which is comprised of bank and bank holding company common shares traded on the NASDAQ over the same period. The graph assumes the value of an investment in the Corporation's common stock and each index was \$100 at December 31, 2012 and all dividends are reinvested.

Year	ISBA	NASDAQ	NASDAQ
I Cal	ISDA	NASDAQ	Banks
12/31/2012	\$100.00	\$ 100.00	\$ 100.00
12/31/2013	113.40	139.89	141.31
12/31/2014	111.20	160.47	148.11
12/31/2015	153.50	171.83	161.09
12/31/2016	148.00	187.03	221.04
12/31/2017	155.70	242.34	232.84

Item 6. Selected Financial Data.

Results of Operations (Dollars in thousands except per share amounts)

The following table outlines the results of operations and provides certain key performance measures as of, and for the years ended, December 31:

<u> </u>	2017		2016		2015		2014		2013	
INCOME STATEMENT DATA	2017		2010		2010		2011		2010	
Interest income	\$58,413		\$53,666		\$51,502		\$51,148		\$50,418	
Interest expense	12,494		10,865		10,163		9,970		11,021	
Net interest income	45,919		42,801		41,339		41,178		39,397	
Provision for loan losses	253		(135)	(2,771)	(668)	1,111	
Noninterest income	10,812		11,108	<i>.</i>	10,359	<i>.</i>	9,325	<i>,</i>	10,175	
Noninterest expenses	40,225		37,897		36,051		35,103		33,755	
Federal income tax expense	3,016		2,348		3,288		2,344		2,196	
Net income	\$13,237		\$13,799		\$15,130		\$13,724		\$12,510	
PER SHARE										
Basic earnings	\$1.69		\$1.77		\$1.95		\$1.77		\$1.63	
Diluted earnings	\$1.65		\$1.73		\$1.90		\$1.74		\$1.59	
Dividends	\$1.02		\$0.98		\$0.94		\$0.89		\$0.84	
Tangible book value*	\$18.96		\$18.16		\$17.30		\$16.59		\$15.62	
Quoted market value										
High	\$29.95		\$29.90		\$29.90		\$24.00		\$26.00	
Low	\$27.60		\$27.25		\$22.00		\$21.73		\$21.12	
Close*	\$28.25		\$27.85		\$29.90		\$22.50		\$23.85	
Common shares outstanding*	7,857,293		7,821,069		7,799,867		7,776,274		7,723,023	
PERFORMANCE RATIOS										
Return on average total assets	0.75	%	0.82	%	0.95	%	0.90	%	0.86	%
Return on average shareholders' equity	6.75	%	7.12	%	8.33	%	8.06	%	7.67	%
Return on average tangible shareholders'	9.09	0%	9.95	0%	11.46	0%	10.80	0%	10.71	%
equity).0)									
Net interest margin yield (FTE)**	3.03	%	3.00	%	3.10	%	3.24	%	3.22	%
BALANCE SHEET DATA*										
Gross loans	\$1,091,519)	\$1,010,615	5	\$850,492		\$836,550		\$810,777	
AFS securities	\$552,307		\$558,096		\$660,136		\$567,534		\$512,062	
Total assets	\$1,813,130		\$1,732,15		\$1,668,112		\$1,549,543		\$1,493,137	
Deposits	\$1,265,258	3	\$1,195,040	0	\$1,164,563	;	\$1,074,484	1	\$1,043,760	6
Borrowed funds	\$344,878		\$337,694		\$309,732		\$289,709		\$279,326	
Shareholders' equity	\$194,905		\$187,899		\$183,971		\$174,594		\$160,609	
Gross loans to deposits	86.27	%	84.57	%	73.03	%	77.86	%	77.68	%
ASSETS UNDER MANAGEMENT*										
Loans sold with servicing retained	\$266,789		\$272,882		\$287,029		\$288,639		\$293,665	
Assets managed by our Investment and Trus	t \$478 146		\$427,693		\$405,109		\$383,878		\$351,420	
Services Department										
Total assets under management	\$2,558,065	5	\$2,432,720	6	\$2,360,250)	\$2,222,060)	\$2,138,222	2
ASSET QUALITY*										
Nonperforming loans to gross loans	0.31		0.17		0.09		0.50		0.42	%
Nonperforming assets to total assets	0.20		0.11		0.07		0.33		0.32	%
ALLL to gross loans	0.71	%	0.73	%	0.87	%	1.21	%	1.42	%
CAPITAL RATIOS*										
Sharahaldara' aquity to acceta	10 - 5	~ ·	10.05	~ ~	44.00	~ · ·		~ ~	10 - (~
Shareholders' equity to assets	10.75	%	10.85	%	11.03	%	11.27	%	10.76	%

Tier 1 leverage	8.54	% 8.56	% 8.52	% 8.59	% 8.46	%
Common equity tier 1 capital	12.23	% 12.39	% 13.44	% N/A	N/A	
Tier 1 risk-based capital	12.23	% 12.39	% 13.44	% 14.08	% 13.68	%
Total risk-based capital	12.86	% 13.04	% 14.17	% 15.19	% 14.93	%
* At and of man						

* At end of year

** For all periods reported, the FTE adjustment is based on a 34% federal income tax rate. Beginning January 1, 2018, the FTE adjustment will be based on a 21% federal income tax rate as a result of the Tax Act.

The following table outlines our interim results of operations and key performance measures as of, and for the unaudited periods ended:

	Quarter	to Date						
	Decemb	e Sôp tember 30	June 30	March 31	December 3	September 30	June 30	March 31
	2017	2017	2017	2017	2016	2016	2016	2016
Total interest income	\$15,078	\$ 14,976	\$14,498	\$13,861	\$ 13,760	\$ 13,607	\$13,218	\$13,081
Total interest expense	3,435	3,200	3,028	2,831	2,826	2,747	2,678	2,614
Net interest income	11,643	11,776	11,470	11,030	10,934	10,860	10,540	10,467
Provision for loan losses	168	49	9	27	(320)	17	12	156
Noninterest income	2,710	2,698	2,788	2,616	3,187	2,946	2,752	2,223
Noninterest expenses	10,628	10,139	9,507	9,951	10,166	9,433	9,218	9,080
Federal income tax	836	750	898	532	493	763	655	437
expense	050	750	070	552	775	105	055	1.57
Net income	\$2,721	\$ 3,536	\$3,844	\$3,136	\$ 3,782	\$ 3,593	\$3,407	\$3,017
PER SHARE								
Basic earnings	\$0.35	\$ 0.45	\$0.49	\$0.40	\$ 0.48	\$ 0.46	\$0.44	\$0.39
Diluted earnings	0.34	0.44	0.48	0.39	0.47	0.45	0.43	0.38
Dividends	0.26	0.26	0.25	0.25	0.25	0.25	0.24	0.24
Quoted market value*	28.25	29.00	28.00	27.60	27.85	27.70	27.90	28.25
Tangible book value*	18.96	18.82	18.62	18.34	18.16	17.93	17.72	17.47
* At end of period								
13								

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations. ISABELLA BANK CORPORATION FINANCIAL REVIEW

(Dollars in thousands except per share amounts)

The following is management's discussion and analysis of the financial condition and results of our operations. This discussion and analysis is intended to provide a better understanding of the consolidated financial statements and statistical data included elsewhere in this Annual Report on Form 10-K.

Executive Summary

We reported net income of \$13,237 and earnings per common share of \$1.69 for the year ended December 31, 2017. Net interest income for the year ended December 31, 2017 increased \$3,118 when compared to the prior year, primarily as a result of increased interest income driven by significant loan growth during 2017. That increase was largely offset by a \$2,355 increase in compensation and benefits related to new positions required for future growth within our markets, merit increases, additional costs related to lending compliance requirements and increased service costs of our defined benefit plan. In addition, the enactment of the Tax Cuts and Jobs Act on December 22, 2017 required a remeasurement to our deferred tax assets and liabilities as of December 31, 2017, resulting in an additional \$319 of federal income tax expense.

During the year, total assets grew by 4.68% to \$1,813,130, and assets under management increased to \$2,558,065 which includes loans sold and serviced and assets managed by our Investment and Trust Services Department of \$744,935. In 2017, we had total loan growth of \$80,904 attributable to commercial and agricultural loan growth of \$60,872 and increases in residential real estate and consumer loans of \$20,032.

Our net yield on interest earning assets of 3.03% remains at low levels. The FRB increased short-term interest rates in 2017 and projects future increases. We anticipate improvements in our net interest income as a result of a combination of assets repricing faster than liabilities, our asset mix shifting to an increasing percentage of loans compared to investment securities, and strategic growth in loans and other income earning assets. We are committed to increasing earnings and shareholder value through growth in our loan portfolio, growth in our investment and trust services, and increasing our geographical presence while managing operating costs.

Recent Legislation

The Health Care and Education Act of 2010, the Patient Protection and Affordable Care Act, and the Dodd-Frank Act, have already had, and are expected to continue to have, a negative impact on our operating results. Of these four acts, the Dodd-Frank Act has had the most significant impact. The Dodd-Frank Act established the CFPB which has made significant changes in the regulation of financial institutions aimed at strengthening the oversight of the federal government over the operation of the financial services sector and increasing the protection of consumers. Recent regulations issued by the CFPB regarding consumer lending, including residential mortgage lending, have increased our compensation and this trend is expected to continue.

On July 2, 2013, the FRB published revised BASEL III Capital standards for banks. The rules redefine what is included or deducted from equity capital, changes risk weighting for certain on and off-balance sheet assets, increases the minimum required equity capital to be considered well capitalized, and introduces a capital cushion buffer. The rules, which are being gradually phased in between 2015 and 2019, are not expected to have a material impact on the Corporation but will require us to hold more capital than we have historically.

On December 22, 2017, the Tax Cuts and Jobs Act was enacted. The new law establishes a flat corporate federal statutory income tax rate of 21% and eliminates the corporate alternative minimum tax which can be carried forward and used to reduce future income tax. The new tax law provides for a wide array of changes with only some believed to have a direct impact on our future federal income tax expense. Some of these changes include, but are not limited to, the following items: limits to the deduction for net interest expense; immediate expense (for tax purposes) for certain qualified depreciable assets; elimination or reduction of certain deductions related to meals and entertainment expenses; and limits to the deductibility of deposit insurance premiums. Reclassifications

Certain amounts reported in management's discussion and analysis of financial condition and results of operations for 2016 and 2015 have been reclassified to conform with the 2017 presentation. Other

We have not received any notices of regulatory actions as of March 14, 2018.

CRITICAL ACCOUNTING POLICIES

Our significant accounting policies are set forth in "Note 1 – Nature of Operations and Summary of Significant Accounting Policies" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data. Of these significant accounting policies, we consider our policies regarding the ALLL, acquisition intangibles and goodwill, the determination of the fair value and assessment of OTTI of investment securities, and determination of deferred tax assets and liabilities to be our most critical accounting policies. The ALLL requires our most subjective and complex judgment. Changes in economic conditions can have a significant impact on the ALLL and, therefore, the provision for loan losses and results of operations. We have developed policies and procedures for assessing the appropriateness of the ALLL, recognizing that this process requires a number of assumptions and estimates with respect to our loan portfolio. Our assessments may be impacted in future periods by changes in economic conditions, and the discovery of information with respect to borrowers which is not known to us at the time of the issuance of the consolidated financial statements. For additional discussion concerning our ALLL and related matters, see the detailed discussion to follow under the caption "Allowance for Loan and Lease Losses" and "Note 5 – Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

U.S. generally accepted accounting principles require that we determine the fair value of the assets and liabilities of an acquired entity, and record their fair value on the date of acquisition. We employ a variety of measures in the determination of the fair value, including the use of discounted cash flow analysis, market appraisals, and projected future revenue streams. For certain items that we believe we have the appropriate expertise to determine the fair value, we may choose to use our own calculations of the value. In other cases, where the value is not easily determined, we consult with outside parties to determine the fair value of the identified asset or liability. Once valuations have been adjusted, the net difference between the price paid for the acquired entity and the net value of assets acquired on our balance sheet, including identifiable intangibles, is recorded as goodwill. Acquisition intangibles and goodwill are qualitatively evaluated to determine if it is more likely than not that the carrying balance is impaired on at least an annual basis.

AFS securities are carried at fair value with changes in the fair value included as a component of other comprehensive income. Declines in the fair value of AFS securities below their cost that are other-than-temporary are reflected as realized losses in the consolidated statements of income. We evaluate AFS securities for indications of losses that are considered other-than-temporary, if any, on a regular basis. The market values for most AFS investment securities are typically obtained from outside sources and applied to individual securities within the portfolio. Municipal securities for which no readily determinable market values are available are priced using fair value curves which most closely match the security's credit ratings and maturities.

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for federal income tax purposes. These temporary differences, from time-to-time, may rely on assumptions and the use of estimates to determine the amount of deferred tax assets and liabilities. As of December 31, 2017, our level of net deferred tax assets included estimates related to tax planning.

Average Balances, Interest Rate, and Net Interest Income

The following schedules present the daily average amount outstanding for each major category of interest earning assets, non-earning assets, interest bearing liabilities, and noninterest bearing liabilities for the last three years. These schedules also present an analysis of interest income and interest expense for the periods indicated. All interest income is reported on a FTE basis using a 34% federal income tax rate for the periods presented in the table below. Beginning January 1, 2018, all interest income will be reported on a FTE basis using a 21% federal income tax rate as a result of the Tax Act. Loans in nonaccrual status, for the purpose of the following computations, are included in the average loan balances. FRB and FHLB restricted equity holdings are included in accrued income and other assets.

$\begin{array}{c c c c c c c c c c c c c c c c c c c $
Average BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestAverage BalanceEquivalentYield / InterestEquivalentYield / InterestEquivalentY
EARNING ASSETS Loans \$1,040,630 \$43,537 4.18 % \$922,333 \$38,537 4.18 % \$829,903 \$35,853 4.32 % Taxable investment securities 361,783 8,564 2.37 % 392,810 8,746 2.23 % 395,981 9,053 2.29 % Nontaxable investment securities 202,375 9,126 4.51 % 205,450 9,351 4.55 % 205,242 9,870 4.81 % Fed Funds Sold 663 5 0.75 % - - % - % - - % Other 26,815 737 2.75 % 25,557 668 2.61 % 25,947 600 2.31 % Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
Loans \$1,040,630 \$43,537 4.18 % \$922,333 \$38,537 4.18 % \$829,903 \$35,853 4.32 % Taxable investment securities 361,783 8,564 2.37 % 392,810 8,746 2.23 % 395,981 9,053 2.29 % Nontaxable investment securities 202,375 9,126 4.51 % 205,450 9,351 4.55 % 205,242 9,870 4.81 % Fed Funds Sold 663 5 0.75 % — — — % — — % Other 26,815 737 2.75 % 25,557 668 2.61 % 25,947 600 2.31 % Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
Taxable investment securities361,7838,5642.37 % 392,8108,7462.23 % 395,9819,0532.29 %Nontaxable investment securities202,3759,1264.51 % 205,4509,3514.55 % 205,2429,8704.81 %Fed Funds Sold66350.75 %%%Other26,8157372.75 % 25,5576682.61 % 25,9476002.31 %Total earning assets1,632,26661,9693.80 % 1,546,15057,3023.71 % 1,457,07355,3763.80 %
securities 361,783 8,564 2.37 % 392,810 8,746 2.23 % 395,981 9,053 2.29 % Nontaxable investment securities 202,375 9,126 4.51 % 205,450 9,351 4.55 % 205,242 9,870 4.81 % Fed Funds Sold 663 5 0.75 % — — — — % — — % Other 26,815 737 2.75 % 25,557 668 2.61 % 25,947 600 2.31 % Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
investment securities 202,375 9,126 4.51 % 205,450 9,351 4.55 % 205,242 9,870 4.81 % Fed Funds Sold 663 5 0.75 % — — — — % — % Other 26,815 737 2.75 % 25,557 668 2.61 % 25,947 600 2.31 % Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
Investment securities Fed Funds Sold 663 5 0.75 % — — — — % — — % Other 26,815 737 2.75 % 25,557 668 2.61 % 25,947 600 2.31 % Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
Other 26,815 737 2.75 % 25,557 668 2.61 % 25,947 600 2.31 % Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
Total earning assets 1,632,266 61,969 3.80 % 1,546,150 57,302 3.71 % 1,457,073 55,376 3.80 %
NONFARNING
ASSETS
Allowance for loan
losses (7,607) (7,638) (9,275)
Cash and demand
deposits due from 19,309 18,178 17,925
banks Premises and 20.022
equipment 28,933 28,670 26,968
Accrued income and
Accurate income and 99,456 101,995 98,805 other assets 99,456 101,995 98,805
Total assets \$1,772,357 \$1,687,355 \$1,591,496 INTEREST \$1,687,355 \$1,591,496
BEARING
LIABILITIES
Interest bearing \$213,648 \$232 0.11 % \$203,198 \$163 0.08 % \$195,260 \$155 0.08 %
demand deposits
Savings deposits 356,963 1,091 0.31 % 336,859 663 0.20 % 293,703 449 0.15 %
Time deposits433,5625,4861.27 % 429,7315,0101.17 % 433,4095,2461.21 %Borrowed funds352,4005,6851.61 % 319,0495,0291.58 % 295,6414,3131.46 %
Total interast hearing
liabilities 1,356,573 12,494 0.92 % 1,288,837 10,865 0.84 % 1,218,013 10,163 0.83 %
NONINTEREST
BEARING
LIABILITIES
Demand deposits 208,988 194,892 181,939

Explanation of Responses:

Other Shareholders' equity	10,641 196,155			9,841 193,785			10,001 181,543		
Total liabilities and shareholders' equity	\$1,772,357			\$1,687,355			\$1,591,496		
Net interest income (FTE) Net yield on interest		\$49,475			\$46,437			\$45,213	
earning assets (FTE)			3.03 %			3.00 %			3.10 %
16									

Net Interest Income

Net interest income is the amount by which interest income on earning assets exceeds the interest expenses on interest bearing liabilities. Net interest income is influenced by changes in the balance and mix of assets and liabilities and market interest rates. We exert some control over these factors; however, FRB monetary policy and competition have a significant impact. For analytical purposes, net interest income is adjusted to an FTE basis by adding the income tax savings from interest on tax exempt loans, and nontaxable investment securities, thus making year to year comparisons more meaningful. For all periods reported, the FTE adjustment is based on a 34% federal income tax rate. Beginning January 1, 2018, the FTE adjustment is based on a 21% federal income tax rate as a result of the Tax Act.

Volume and Rate Variance Analysis

The following table sets forth the effect of volume and rate changes on interest income and expense for the periods indicated. For the purpose of this table, changes in interest due to volume and rate were determined as follows: Volume—change in volume multiplied by the previous period's FTE rate.

Rate—change in the FTE rate multiplied by the previous period's volume.

All interest income is reported on a FTE basis using a 34% federal income tax rate for the periods presented in the table below. Beginning January 1, 2018, all interest income will be reported on a FTE basis using a 21% federal income tax rate as a result of the Tax Act. The change in interest due to both volume and rate has been allocated to volume and rate changes in proportion to the relationship of the absolute dollar amounts of the change in each.

	2017 Co	mpared	to 2016	2016 Compared to 2015					
	Increase	e (Decre	ase) Due	Increase (Decrease) Due					
	to			to					
	Volume	Rate	Net	Volume	Rate	Net			
Changes in interest income									
Loans	\$4,949	\$51	\$5,000	\$3,892	\$(1,208)	\$2,684			
Taxable investment securities	(715)	533	(182)	(72)	(235)	(307)			
Nontaxable investment securities	(139)	(86)	(225)	10	(529)	(519)			
Fed Funds Sold	5		5						
Other	34	35	69	(9)	77	68			
Total changes in interest income	4,134	533	4,667	3,821	(1,895)	1,926			
Changes in interest expense									
Interest bearing demand deposits	9	60	69	6	2	8			
Savings deposits	42	386	428	72	142	214			
Time deposits	45	431	476	(44)	(192)	(236)			
Borrowed funds	536	120	656	355	361	716			
Total changes in interest expense	632	997	1,629	389	313	702			
Net change in interest margin (FTE)	\$3,502	\$(464)	\$3,038	\$3,432	\$(2,208)	\$1,224			

Our net yield on interest earning assets continues to be at low levels. The persistent low interest rate environment coupled with a high concentration of AFS securities as a percentage of earning assets has also placed downward pressure on net interest margin. While we do not anticipate significant improvement in our net yield on interest earning assets, we do expect marginal improvement as a result of loan growth throughout 2018.

	Average Yield / Rate for the Three Month Periods										
	Ended:										
	Decemborphember 30 June 30 March 31 December										
	2017	2017		2017	2017		2016				
Total earning assets	3.86%	3.86	%	3.77 %	3.70	%	3.73	%			
Total interest bearing liabilities	1.01%	0.93	%	0.89 %	0.85	%	0.87	%			
Net yield on interest earning assets (FTE)	3.02%	3.08	%	3.03 %	2.99	%	3.01	%			

	Quarter to Date Net Interest Income (FTE)									
	Decembe	esoptember 30	June 30	March 31	December 31					
	2017	2017	2017	2017	2016					
Total interest income (FTE)	\$15,939	\$ 15,872	\$15,399	\$14,759	\$ 14,642					
Total interest expense	3,435	3,200	3,028	2,831	2,826					
Net interest income (FTE)	\$12,504	\$ 12,672	\$12,371	\$11,928	\$ 11,816					
Allowance for Loan and Lease Losses										

The viability of any financial institution is ultimately determined by its management of credit risk. Loans represent our single largest concentration of risk. The ALLL is our estimation of incurred losses within the existing loan portfolio. We allocate the ALLL throughout the loan portfolio based on our assessment of the underlying risks associated with each loan segment. Our assessments include allocations based on specific impairment valuation allowances, historical charge-offs, internally assigned credit risk ratings, and past due and nonaccrual balances. A portion of the ALLL is not allocated to any one loan segment, but is instead a representation of other qualitative risks that reflects the margin of imprecision inherent in the underlying assumptions used in the methodologies for estimating specific and general losses in the portfolio.

The following table summarizes our charge-offs, recoveries, provisions for loan losses, and ALLL balances as of, and for the unaudited three month periods ended:

Total charge-offs Total recoveries Net loan charge-offs (recoveries)	Decer 2017 \$ 401 233 168	nber 3	20	017 157 08	er 30	June 30 2017 \$69 160 (91		March 2017 \$144 217 (73) 31	20		er 31
Net loan charge-offs (recoveries) to average loans outstanding	0.02	%			%		·	(0.01)%			%
Provision for loan losses	\$ 168		\$ 4	49		\$9		\$27		\$	(320)
Provision for loan losses to average loans outstanding	0.02	%			%		%		%	(0	.03)%
ALLL	\$ 7,70	00	\$ 1	7,700		\$7,600		\$7,50	0	\$	7,400	
ALLL as a % of loans at end of period	0.71	%	0.7	71	%	0.72	%	0.74	%	0.	73	%
The following table summarizes our charge-off and re	covery	activit	y fo	or the ye	ears	ended I	Dece	mber	31:			
		2017		2016		2015		2014			2013	
ALLL at beginning of period		\$7,40	0	\$7,40	0	\$10,10	00	\$11	500		\$11,93	36
Charge-offs												
Commercial and agricultural		265		57		134		590			907	
Residential real estate		200		574		397		722			1,004	
Consumer		306		285		373		316			429	
Total charge-offs		771		916		904		1,62	8		2,340	
Recoveries												
Commercial and agricultural		453		540		549		550			363	
Residential real estate		206		287		220		197			181	
Consumer		159		224		206		149			249	
Total recoveries		818		1,051		975		896			793	
Provision for loan losses		253		(135)	(2,771)	(668)	1,111	
ALLL at end of period		\$7,70	0	\$7,40	0	\$7,400)	\$10	100		\$11,50	00
Net loan charge-offs (recoveries)		\$(47)	\$(135)	\$(71)	\$732	2		\$1,54	7
Net loan charge-offs (recoveries) to average loans outstanding		_	%	(0.01)%	(0.01)%	6 0.09		%	0.20	%
ALLL as a% of loans at end of period		0.71	%	0.73	%	0.87	9	6 1.21		%	1.42	%

Net loan recoveries and the continuation of strong credit quality indicators have resulted in a reduction of the required ALLL as a percentage of loans over the past year. During this time, credit quality indicators, specifically historical loss factors, remain strong and have led to lower levels of required reserves. While the ALLL as a percentage of loans has declined, the balance of the ALLL has increased in recent periods as a result of our significant loan growth. The following table illustrates our changes within the two main components of the ALLL.

	December	: 31	September	30	June 30)	March 3	31	December	r 31
	2017		2017		2017		2017		2016	
ALLL										
Individually evaluated for impairment	\$ 2,130		\$ 2,551		\$2,455		\$2,381		\$ 2,371	
Collectively evaluated for impairment	5,570		5,149		5,145		5,119		5,029	
Total	\$ 7,700		\$ 7,700		\$7,600		\$7,500		\$ 7,400	
ALLL to gross loans										
Individually evaluated for impairment	0.20	%	0.24	%	0.23	%	0.24	%	0.23	%
Collectively evaluated for impairment	0.51	%	0.47	%	0.49	%	0.50	%	0.50	%
Total	0.71	%	0.71	%	0.72	%	0.74	%	0.73	%
				-	_					

For further discussion of the allocation of the ALLL, see "Note 5 – Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Loans Past Due and Loans in Nonaccrual Status

Fluctuations in past due and nonaccrual status loans can have a significant impact on the ALLL. To determine the potential impact, and corresponding estimated losses, we analyze our historical loss trends on loans past due greater than 30 days and nonaccrual status loans. We monitor all loans that are past due and in nonaccrual status for indications of additional deterioration.

	Total Past Due and Nonaccrual Loans as of									
	December 31									
	2017	2016	2015	2014	2013					
Commercial and agricultural	\$4,885	\$4,598	\$2,247	\$4,805	\$3,621					
Residential real estate	4,881	2,716	2,520	4,181	7,008					
Consumer	70	115	31	138	259					
Total	\$9,836	\$7,429	\$4,798	\$9,124	\$10,888					
	0.00 07	071 0	050 01	1.00 07	1.24 07					

Total past due and nonaccrual loans to gross loans 0.90 % 0.74 % 0.56 % 1.09 % 1.34 % While past due and nonaccrual status loans have fluctuated over the last year, they continue to be at low levels and are the result of strong loan performance. A summary of loans past due and in nonaccrual status, including the composition of the ending balance of nonaccrual status loans by type, is included in "Note 5 – Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data. Troubled Debt Restructurings

We have taken a proactive approach to avoid foreclosures on borrowers who are willing to work with us in modifying their loans, thus making them more affordable. While this approach has allowed certain borrowers to develop a payment structure that will allow them to continue making payments in lieu of foreclosure, it has contributed to a significant level of loans classified as TDR. The modifications have been successful for us and our customers as very few of the modified loans have resulted in foreclosures. At the time of the TDR, the loan is reviewed to determine whether or not to classify the loan as accrual or nonaccrual status. The majority of new modifications result in terms that satisfy our criteria for continued interest accrual. TDRs that have been placed on nonaccrual status may be placed back on accrual status after six months of continued performance and achievement of current payment status. We restructure debt with borrowers who due to financial difficulties are unable to service their debt under the original terms. We may extend the amortization period, reduce interest rates, allow interest only payment structures, forgive principal, forgive interest, or a combination of these modifications. Typically, the modifications are for a period of five years or less. There were no TDRs that were Government sponsored as of December 31, 2017 or December 31, 2016.

Losses associated with TDRs, if any, are included in the estimation of the ALLL during the quarter in which a loan is identified as a TDR, and we review the analysis of the ALLL estimation each reporting period to ensure its continued appropriateness.

The following tables provide a roll-forward of TDRs for the years ended December 31, 2016 and 2017:

		ruing rest	Nonaccr	ual	Tota	1				
		nber	Number		Num	ber				
	of	Balance	of Bal			Balance				
	Loa		Loans		Loar					
January 1, 2016	155		5 \$39		160	\$21,325				
New modifications	16	3,362	2 459		18	3,821				
Principal advances (paym			- (37			(1,073)				
Loans paid-off			(1) (22			(2,326)				
Partial charge-offs		, (_,- •••) 	— (13)		() 	(133)				
Balances charged-off	(3) (197)		- /	(3)	(197)				
Transfers to OREO			(1) (35)	· /	(35)				
Transfers to accrual statu	s 5	340	(5) (34							
Transfers to nonaccrual s			5 702							
December 31, 2016	153		5 789		158	21,382				
New modifications	20	7,128	8 1,13		28	8,266				
Principal advances (paym	ents) —		— (12			(1,628)				
Loans paid-off) (1,500)	`		(22)	(1,500)				
Partial charge-offs	<u> </u>		— (17			(170)				
Balances charged-off	(2) (62)	`		(2)	(62)				
Transfers to OREO			(2) (91)	(2)	(91)				
Transfers to accrual statu	s 2	126	(2) (12)	5)						
Transfers to nonaccrual s	tatus (4) (1,500)	4 1,50	00						
December 31, 2017	147	\$23,284	13 \$2,9	913	160	\$26,197				
The following table summ	narizes ou	r TDRs as o	of Decem	ber 3	1:					
	2017			201	6			2015		
	Accruing	Nonaccrual	Tatal	Acc	ruing	Nonaccrua	1 Tatal	Accruing	Nonaccrual	Tetel
	Interest	Nonaccrua	Total	Inte	rest	Nonaccrua	u rotai	Interest	Nonaccrua	Total
Current	\$21,234	\$ —	\$21,234	\$17	,557	\$ 559	\$18,116	\$20,550	\$ 146	\$20,696
Past due 30-59 days	1,778	805	2,583	2,89	98	230	3,128	357		357
Past due 60-89 days	219	708	927	138			138	24		24
Past due 90 days or more	53	1,400	1,453			_	—	—	248	248
Total	\$23,284	\$ 2,913	\$26,197	\$20	,593	\$ 789	\$21,382	\$20,931	\$ 394	\$21,325
	2014			201						
	Accruing	Nonaccrua	l Total	Ac	cruin	^g Nonaccru	al Total			
Comment								h		
Current	\$20,012					\$ 1,189	\$22,87	9		
Past due 30-59 days	804	592 2	1,396	2,1		37	2,195			
Past due 60-89 days	115	3	118	575)		575			
Past due 90 days or more		1,543 \$ 2,410	1,543	1 \$ 2	1 100	216	216 \$ 25.86	5		
Total					+,423 Locr	\$ 1,442	\$25,86		Concolidate	d Einoncial

Additional disclosures about TDRs are included in "Note 5 – Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

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Explanation of Responses:

Impaired Loans

The following is a summary of information pertaining to impaired loans as of December 31:

	2017		•	2016		
	Recorded Balance			Recorded Balance	Unpaid Principal Balance	Valuation Allowance
TDRs						
Commercial real estate	\$5,780	\$6,082	\$ 626	\$6,264	\$6,383	\$ 713
Commercial other	2,219	2,219	24	1,444	1,455	25
Agricultural real estate	7,913	7,913	—	4,037	4,037	—
Agricultural other	2,685	2,685	_	1,380	1,380	1
Residential real estate senior liens	7,460	7,839	1,406	8,058	8,437	1,539
Residential real estate junior liens	44	44	7	71	71	13
Home equity lines of credit	79	379	_	102	402	_
Consumer secured	17	17	_	26	26	_
Total TDRs	26,197	27,178	2,063	21,382	22,191	2,291
Other impaired loans						
Commercial real estate	100	161	_	151	226	3
Commercial other			_			_
Agricultural real estate			_			_
Agricultural other			_	128	128	_
Residential real estate senior liens	356	620	67	406	612	76
Residential real estate junior liens			_	1	11	1
Home equity lines of credit			_			
Consumer secured			_	_		
Total other impaired loans	456	781	67	686	977	80
Total impaired loans	\$26,653	\$27,959	\$ 2,130	\$22,068	\$23,168	\$ 2,371
	. 11	1	1 1	. - -	1 . 1	TT 12 C 41 40

Additional disclosure related to impaired loans is included in "Note 5 – Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Nonperforming Assets

The following table summarizes our nonperforming assets as of December 31:

The following table summarizes our nonper-	coming as				
	2017	2016	2015	2014	2013
Nonaccrual status loans	\$3,027	\$1,060	\$792	\$4,044	\$3,244
Accruing loans past due 90 days or more	395	633	—	148	142
Total nonperforming loans	3,422	1,693	792	4,192	3,386
Foreclosed assets	291	231	421	885	1,412
Total nonperforming assets	\$3,713	\$1,924	\$1,213	\$5,077	\$4,798
Nonperforming loans as a % of total loans	0.31 %	0.17 %	0.09 %	0.50 %	0.42 %
Nonperforming assets as a % of total assets	0.20 %	0.11 %	0.07 %	0.33 %	0.32 %

Typically after a loan is 90 days past due, it is placed on nonaccrual status unless it is well secured and in the process of collection. Upon transferring a loan to nonaccrual status, we perform an evaluation to determine the net realizable value of the underlying collateral. This evaluation is used to help determine if any charge-offs are necessary. Loans may be placed back on accrual status after six months of continued performance and achievement of current payment status. Nonperforming loans have increased in recent periods; however, current levels of nonperforming loans continue to be at low levels.

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Included in the nonaccrual loan balances above were loans currently classified as TDR as of December 31:

	2017	2016	2015	2014	2013
Commercial and agricultural	\$2,679	\$405	\$232	\$1,995	\$833
Residential real estate	234	384	162	262	609
Consumer				153	
Total	\$2,913	\$789	\$394	\$2,410	\$1,442

Additional disclosures about nonaccrual status loans are included in "Note 5 – Loans and ALLL" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

We continue to devote considerable attention to identifying impaired loans and adjusting the net carrying value of these loans to their current net realizable values through the establishment of a specific reserve or the recording of a charge-off. We believe that we have identified all impaired loans as of December 31, 2017.

We believe that the level of the ALLL is appropriate as of December 31, 2017. We closely monitor overall credit quality indicators and our policies and procedures related to the analysis of the ALLL to ensure that the ALLL remains at the appropriate level.

Noninterest Income and Noninterest Expenses

Significant noninterest income account balances are highlighted in the following table with additional descriptions of significant fluctuations for the years ended December 31:

			Change	;		Change		
	2017	2016	\$	%	2015	\$	%	
Service charges and fees								
ATM and debit card fees	\$2,756	\$2,444	\$312	12.77 %	\$2,411	\$33	1.37	%
NSF and overdraft fees	1,860	1,815	45	2.48 %	1,855	(40)	(2.16)%
Freddie Mac servicing fee	671	696	(25)	(3.59)%	712	(16)	(2.25)%
Service charges on deposit accounts	343	349	(6)	(1.72)%	345	4	1.16	%
Net OMSR income (loss)	103	(199) 302	N/M	(14)	(185)	N/M	
All other	280	125	155	124.00 %	128	(3)	(2.34)%
Total service charges and fees	6,013	5,230	783	14.97 %	5,437	(207)	(3.81)%
Earnings on corporate owned life insurance policie	s726	761	(35)	(4.60)%	771	(10)	(1.30)%
Net gain on sale of mortgage loans	647	651	(4)	(0.61)%	573	78	13.61	%
Net gains (losses) on sale of AFS securities	142	245	(103)	(42.04)%	163	82	50.31	%
Other								
Trust and brokerage advisory fees	2,607	2,705	(98)	(3.62)%	2,161	544	25.17	%
Corporate Settlement Solutions joint venture	164	415	(251)	(60.48)%	463	(48)	(10.37)%
Gain on redemption of BOLI policies		469	(469)	N/M	—	469	N/M	
Other	513	632	(119)	(18.83)%	791	(159)	(20.10)%
Total other	3,284	4,221	(937)	(22.20)%	3,415	806	23.60	%
Total noninterest income	\$10,812	\$11,108	\$(296)	(2.66)%	\$10,359	\$749	7.23	%
Significant changes in noninterest income are detail	iled below	7•						

Significant changes in noninterest income are detailed below:

ATM and debit card fees fluctuate from period-to-period based primarily on usage of ATM and debit cards. While we do not anticipate significant changes to our ATM and debit card fees, we do expect that fees will continue to increase in 2018 as the usage of ATM and debit cards continues to increase.

NSF and overdraft fees fluctuate from period-to-period based on customer activity. We anticipate NSF and overdraft fees in 2018 to approximate 2017 levels.

Offering rates on residential mortgage loans and increased prepayment speeds have been the most significant drivers behind the fluctuations in net OMSR income (loss). We anticipate increases in our originations in purchase money mortgage activity as a result of our various initiatives to drive growth. Additionally, we anticipate increased mortgage rates, which may result in OMSR income in 2018.

We are continually analyzing our AFS securities for potential sale opportunities. Securities with unrealized gains and less than desirable yields may be sold for funding and profitability purposes. During 2016 and 2017, we identified several mortgage-backed securities that were desirable to be sold and recognized gains with these sales. We will continue to analyze our AFS securities portfolio for potential sale opportunities in 2018 and sell AFS securities when appropriate.

In recent periods, we have invested considerable efforts to increase our market share in trust and brokerage advisory services. We anticipate that these fees will increase in 2018 when compared to 2017 levels.

Income from our interest in Corporate Settlement Solutions, a title insurance company, has decreased as a result of the decline in residential mortgage refinance activity.

In 2016, we recognized a \$469 gain on the redemption of a bank owned life insurance policy.

The fluctuations in all other income are spread throughout various categories, none of which are individually significant.

Significant noninterest expense account balances are highlighted in the following table with additional descriptions of significant fluctuations for the years ended December 31:

significant indetuations for the years								Changa			
	2017	2016	Change \$	5	%		2015	Change \$		01	
Comparation and han afits	2017	2010	Ф		%		2015	¢		%	
Compensation and benefits	¢ 15 054	¢ 12 041	¢ 2 0 1 2		1 4 4 4	01	¢ 12 7(0	¢ 101		1 22	07
Employee salaries		\$13,941			14.44		\$13,760			1.32	% «
Employee benefits	5,571	5,229	342		6.54		4,671	558		11.95	% ~
Total compensation and benefits	21,525	19,170	2,355		12.28	%	18,431	739		4.01	%
Furniture and equipment	0.050	2 0 2 0	10		0.64	~	1.0.40	00		1.00	M
Depreciation	2,052	2,039	13		0.64		1,949	90		4.62	%
Service contracts	2,039	1,979	60		3.03		1,856	123		6.63	%
Computer expense	1,217	1,082	135		12.48		1,095	· · ·		(1.19	-
All other	215	175	40		22.86		244			(28.28	
Total furniture and equipment	5,523	5,275	248		4.70	%	5,144	131		2.55	%
Occupancy											
Depreciation	850	782	68		8.70		728	54		7.42	%
Outside services	625	740)	(15.54	/	701	39		5.56	%
Property taxes	563	554	9		1.62		526	28		5.32	%
Utilities	513	551	(38)	(6.90)%	528	23		4.36	%
All other	582	600	(18)	(3.00)%	554	46		8.30	%
Total occupancy	3,133	3,227	(94)	(2.91)%	3,037	190		6.26	%
Other											
ATM and debit card fees	1,181	887	294		33.15	%	742	145		19.54	%
Audit and related fees	1,008	944	64		6.78	%	889	55		6.19	%
Consulting fees	790	800	(10)	(1.25)%	487	313		64.27	%
Director fees	856	851	5		0.59	%	827	24		2.90	%
Donations and community relations	657	582	75		12.89	%	841	(259))	(30.80)%
FDIC insurance premiums	642	719	(77)	(10.71)%	813	(94))	(11.56)%
Marketing costs	568	586	(18)	(3.07)%	497	89		17.91	%
Loan underwriting fees	556	535	21		3.93	%	347	188		54.18	%
Interest and fees on retirement plans	515	312	203		65.06	%	638	(326))	(51.10)%
Education and travel	471	536	(65)	(12.13)%	343	193		56.27	%
Printing and supplies	415	391	24		6.14	%	461	(70))	(15.18)%
Postage and freight	509	396	113		28.54	%	381	15		3.94	%
Legal fees	245	208	37		17.79	%	295	(87))	(29.49)%
Amortization of deposit premium	119	162	(43)	(26.54)%	169			(4.14	·
Other losses	71	241			(70.54			91		60.67	
OTTI on AFS securities		770			(100.00			770		N/M	
All other	1,441	1,305	136	<i>,</i>	10.42		1,559			(16.29)%
Total other	10,044)	(1.77			786		8.33	%
Total noninterest expenses							\$36,051			5.12	%
r	,0	,	, ,==0				,	, ,			

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Significant changes in noninterest expenses are detailed below:

Employee salaries have increased in 2017 as a result of new positions required for future growth within our markets, merit increases, and additional costs related to lending compliance requirements. As such, we anticipate employee salaries expense to increase in 2018 compared to the expense levels of 2017.

Employee benefits expense for 2017 included increased service costs related to our defined benefit plan. This cost was off-set by a settlement with an insurance claim administrator in favor of Isabella Bank. Employee benefits expense in 2018 is expected to increase when compared to 2017 levels primarily due to costs directly related to increased compensation.

ATM and debit card fees increased in 2017 and include a one-time early termination fee with a card provider. While we have developed initiatives to increase ATM and debit card income in 2018, these initiatives are also anticipated to increase ATM and debit card fees. As such, 2018 ATM and debit card fees are expected to approximate 2017 levels. Consulting fees remained at elevated levels in 2017 due to employee turnover which have subsequently been filled. Fees increased in 2016 as a result of outsourced operational functions related to our investment and trust services, consulting services to streamline processes, and talent recruitment services. Fees in 2018 are expected to approximate 2015 levels.

We have consistently been a strong supporter of the various communities, schools, and charities in the markets we serve. Included in donations and community relations were discretionary donations to The Isabella Bank Foundation, a non-controlled organization, of \$258 for the year ended December 31, 2015. Donations and community relations fluctuate from period-to-period with 2018 expenses expected to increase as a result of planned contributions. Interest and fees on retirement plans are now excluded from total compensation and benefits due to adoption of ASU 2017-07 (additional information is included in "Note 3 – Accounting Standards Updates" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data). Interest and fees in 2017 and 2015 included additional settlement losses of \$235 and \$250 in connection with lump-sum benefit distributions related to our defined benefit pension plan. Additional information is included in "Note 17 – Benefit Plans" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

We place a strong emphasis on employee development through continuous education. Education and travel expenses vary from year to year based on the timing of various programs that our employees attend. Expenses in 2018 are expected to approximate 2017 levels.

During the fourth quarter of 2016, we identified an AFS security that was impaired which resulted in an OTTI loss of \$770. No such similar OTTI loss occurred in 2017.

The fluctuations in all other expenses are spread throughout various categories, none of which are individually significant.

Analysis of Changes in Financial Condition

The following table shows the composition and changes in our balance sheet as of December 31:

			Change		
	2017	2016	\$	%	
ASSETS					
Cash and cash equivalents	\$30,848	\$22,894	\$7,954	34.74	%
AFS securities					
Amortized cost of AFS securities	551,712	557,648	(5,936)	(1.06)%
Unrealized gains (losses) on AFS securities	595	448	147	32.81	%
AFS securities	552,307	558,096	(5,789)	(1.04)%
Mortgage loans AFS	1,560	1,816	(256)	(14.10)%
Loans					
Gross loans	1,091,519	1,010,615	80,904	8.01	%
Less allowance for loan and lease losses	7,700	7,400	300	4.05	%
Net loans	1,083,819	1,003,215	80,604	8.03	%
Premises and equipment	28,450	29,314	(864)	(2.95)%
Corporate owned life insurance policies	27,026	26,300	726	2.76	%
Accrued interest receivable	7,063	6,580	483	7.34	%
Equity securities without readily determinable fair value	es 23,454	21,694	1,760	8.11	%
Goodwill and other intangible assets	48,547	48,666	(119)	(0.24)%
Other assets	10,056	13,576	(3,520)	(25.93)%
TOTAL ASSETS	\$1,813,130	\$1,732,151	\$80,979	4.68	%
LIABILITIES AND SHAREHOLDERS' EQUITY					
Liabilities					
Deposits	\$1,265,258	\$1,195,040	\$70,218	5.88	%
Borrowed funds	344,878	337,694	7,184	2.13	%
Accrued interest payable and other liabilities	8,089	11,518	(3,429)	(29.77)%
Total liabilities	1,618,225	1,544,252	73,973	4.79	%
Shareholders' equity	194,905	187,899	7,006	3.73	%
TOTAL LIABILITIES AND SHARFHOLDERS' FOL	IITY \$1 813 130	\$1 732 151	\$80.979	4 68	0%

TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY \$1,813,130 \$1,732,151 \$80,979 4.68 % As shown above, total assets have increased \$80,979 since December 31, 2016 which was primarily driven by loan growth of \$80,904. This growth was funded by the sale of AFS securities and increases in both deposits and borrowed funds. While generating quality loans will continue to be competitive, we expect that loans will continue to grow in 2018.

A discussion of changes in balance sheet amounts by major categories follows:

Cash and cash equivalents

Included in cash and cash equivalents are funds held with the FRB which fluctuate from period-to-period. AFS investment securities

The primary objective of our investing activities is to provide for safety of the principal invested. Secondary considerations include the need for earnings, liquidity, and our overall exposure to changes in interest rates. The current interest rate environment has made it almost impossible to increase net interest income without increasing earning assets. As loan demand outpaced deposit growth in recent periods, we sold AFS securities to provide funding. We anticipate that future increases in our AFS securities will be in the form of mortgage-backed securities and collateralized mortgage obligations.

The following is a schedule of the carrying value of AFS investment securities as of December 31:

	2017	2016	2015	2014	2013
Government sponsored enterprises	\$216	\$10,259	\$24,345	\$24,136	\$23,745
States and political subdivisions	208,474	212,919	232,217	215,345	201,988
Auction rate money market preferred	3,049	2,794	2,866	2,619	2,577
Preferred stocks	3,577	3,425	3,299	6,140	5,827
Mortgage-backed securities	208,797	227,256	263,384	166,926	144,115
Collateralized mortgage obligations	128,194	101,443	134,025	152,368	133,810
Total	\$552,307	\$558,096	\$660,136	\$567,534	\$512,062

Excluding those holdings in government sponsored enterprises and municipalities within the State of Michigan, there were no investments in securities of any one issuer that exceeded 10% of shareholders' equity. We have a policy prohibiting investments in securities that we deem are unsuitable due to their inherent credit or market risks. Prohibited investments include stripped mortgage backed securities, zero coupon bonds, nongovernment agency asset backed securities, and structured notes. Our holdings in mortgage-backed securities and collateralized mortgage obligations include only government agencies and government sponsored agencies as we hold no investments in private label mortgage-backed securities or collateralized mortgage obligations.

The following is a schedule of maturities of AFS investment securities and their weighted average yield as of December 31, 2017. Weighted average yields have been computed on an FTE basis using a tax rate of 34%. Beginning January 1, 2018, the FTE adjustment will be based on a 21% federal income tax rate as a result of the Tax Act. Our auction rate money market preferred is a long term floating rate instrument for which the interest rate is set at periodic auctions. At each successful auction, we have the option to sell the security at par value. Additionally, the issuers of auction rate securities generally have the right to redeem or refinance the debt. Because of their lack of contractual maturities, auction rate money market preferred and preferred stocks are not reported by a specific maturity group. Mortgage-backed securities and collateralized mortgage obligations are not reported by a specific maturity group due to their variable monthly payments. Expected maturities may differ from contractual maturities because issuers may have the right to call or prepay obligations.

Maturing

	Within One Year		Year But Within		After Fiv Years Bu Within Ten Year	ıt	After Ten Yea	rs	Securities with Variable Monthly Payments or Noncontractual Maturities		
	Amount	Yield (%)	Amount	Yield (%)	Amount	Yield (%)	Amount	Yield (%)	Amount	Yield (%)	
Government sponsored enterprises States and	\$—	—	\$216	2.06	\$—	—	\$—	—	\$—	_	
political	25,709	2.87	74,758	4.10	73,649	4.22	34,358	4.80	_	_	
subdivisions Mortgage-backed securities Collateralized mortgage obligations	d	_	_	_	_	_	_	_	208,797 128,194	2.30 2.36	
Auction rate money market preferred	_	_	_	_	_	_	_	_	3,049	6.06	
Preferred stocks Total		 2.87	 \$74,974	 4.09	 \$73,649	 4.22		 4.80	3,577 \$343,617	5.44 2.39	

Explanation of Responses:

Loans

Loans are the largest component of earning assets. The proper management of credit and market risk inherent in the loan portfolio is critical to our financial well-being. To control these risks, we have adopted strict underwriting standards which include lending limits to a single borrower, strict loan to collateral value limits, and a defined market area. We also monitor and limit loan concentrations to specific industries. We have no foreign loans and there were no concentrations greater than 10% of total loans that are not disclosed as a separate category in the following table. The following table presents the composition of the loan portfolio for the years ended December 31:

	2017	201	.6	2015	1	2014		2013				
Commercial	\$634,759	\$5	75,66	54 \$448	,381	\$433,2	270	\$393,1	164			
Agricultural	128,269	126	5,492	2 115,9	911	104,72	21	92,589)			
Residential real estate	272,368	266	5,050) 251,5	501	266,15	55	291,49	9			
Consumer	56,123	42,	409	34,69	99	32,404	ŀ	33,525	5			
Total	\$1,091,5	19 \$1,	010,	615 \$850	,492	\$836,5	550	\$810,7	777			
The following table p	resents the	e chang	ge in	the loan p	ortfo	lio cate	gori	es for	the yea	rs ended	1 Dece	mber 31:
	2017			2016			201	5				
	\$ Change	e% Cha	nge	\$ Change	% C	Change	\$ C	hange	% Cha	inge		
Commercial	\$59,095	10.27	%	\$127,283	28.3	39 %	\$15	5,111	3.49	%		
Agricultural	1,777	1.40	%	10,581	9.13	3 %	11,	190	10.69	%		
Residential real estate	6,318	2.37	%	14,549	5.78	3 %	(14	,654)	(5.51)%		
Consumer	13,714	32.34	%	7,710	22.2	22 %	2,2	95	7.08	%		
Total	\$80,904	0.01	01	\$160,123	10 0	n n	¢ 10	040	1.67	%		

While competition for commercial loans continues to be strong, we experienced significant growth in this segment of the portfolio during 2016 and 2017 and anticipate continued growth in 2018. Residential real estate and consumer loans also experienced growth over the last year and are both expected to increase in 2018. Initiatives implemented during 2016 to increase loan volume is the primary driver to our recent growth within the consumer loan portfolio.

Equity securities without readily determinable fair values

Included in equity securities without readily determinable fair values are restricted securities, which are carried at cost and investments in unconsolidated entities accounted for under the equity method of accounting (see "Note 1 – Nature of Operations and Summary of Significant Accounting Policies" and "Note 20 – Fair Value" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data). Other assets

Other assets consist primarily of prepaid expenses, OMSR, and net deferred tax assets. Our level of deferred taxes was impacted by the Tax Act and tax strategies implemented in 2017. These tax strategies include significant estimates based on managements' best judgment. For more information related to estimates and deferred taxes, refer to "Note 1 – Nature of Operations and Summary of Significant Accounting Policies" and "Note 12 – Federal Income Taxes" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Deposits

Deposits are our primary source of funding. The following table presents the composition of the deposit portfolio as of December 31:

	2017	2016	2015	2014	2013
Noninterest bearing demand deposits	\$237,511	\$205,071	\$191,376	\$181,826	\$158,428
Interest bearing demand deposits	231,666	209,325	212,666	190,984	192,089
Savings deposits	342,815	347,230	337,641	261,412	243,237
Certificates of deposit	331,718	321,914	324,101	339,824	362,473
Brokered certificates of deposit	102,808	88,632	73,815	72,134	56,329
Internet certificates of deposit	18,740	22,868	24,964	28,304	31,210
Total	\$1,265,258	8 \$1,195,040	\$1,164,563	\$1,074,484	\$1,043,766
The following table presents the char	ige in the de	posit categor	ies for the ye	ars ended De	ecember 31:
	2017	20	16	2015	
	N Change	% Change \$ C	Change [%] Chan	ge \$ Chang	ge % Change
Noninterest bearing demand deposits	\$32,440	15.82 % \$1	3,695 7.16	% \$9,550	5.25 %
Interest bearing demand deposits	22,341	10.67 % (3,	341) (1.57)% 21,682	11.35 %
Savings deposits	(4,415) ((1.27)% 9,5	589 2.84	% 76,229	29.16 %
Certificates of deposit	9,804	3.05 % (2,	187) (0.67)% (15,723) (4.63)%
Brokered certificates of deposit	14,176	15.99 % 14	,817 20.07	% 1,681	2.33 %

Total \$70,218 5.88 % \$30,477 2.62 % \$90,079 8.38 % Deposit demand continues to be driven by non-contractual deposits, such as demand deposits, while certificates of deposit and Internet certificates of deposit have gradually declined in recent years. Our significant growth in savings deposits during 2015 was the result of branch acquisitions, one of which was in a new market. We look to retain and attract customers within this new market to provide growth in deposits in future periods. Brokered certificates of deposit offer another source of funding and fluctuate from period-to-period based on our funding needs, including changes in assets such as loans and investments.

(4,128) (18.05)% (2,096) (8.40)% (3,340) (11.80)%

The remaining maturity of time certificates and other time deposits of \$250 or more as of December 31, 2017 was as follows:

Maturity	
Within 3 months	\$14,955
Within 3 to 6 months	5,392
Within 6 to 12 months	11,504
Over 12 months	36,140
Total	\$67,991

Internet certificates of deposit

Borrowed Funds

Borrowed funds include FHLB advances, securities sold under agreements to repurchase, and federal funds purchased. The balance of borrowed funds fluctuates from period-to-period based on our funding needs including changes in loans, investments, and deposits. To provide balance sheet growth, we utilize borrowings and brokered deposits to fund earning assets.

The following table presents borrowed funds balances for the years ended December 31:

		2017	2016	2015	2014	2013	
	FHLB advances	\$290,000	\$270,000	\$235,000	\$192,000	\$162,000	
	Securities sold under agreements to repurchase without stated maturity dates	54,878	60,894	70,532	95,070	106,025	
	Securities sold under agreements to repurchase with stated maturity dates	—	—	—	439	11,301	
	Federal funds purchased	_	6,800	4,200	2,200	_	
1	Total	\$344,878	\$337,694	\$309,732	\$289,709	\$279,326	
		D	1	C (0 T	C 1' 1	. 1	

For additional disclosure related to borrowed funds, see "Note 10 – Borrowed Funds" of "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Accrued interest payable and other liabilities

Included in accrued interest payable and other liabilities are obligations related to our defined benefit pension plan and obligations related to other employee benefits. For more information on the defined benefit pension plan and other employee benefits, see "Note 17 – Benefit Plans" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Contractual Obligations and Loan Commitments

We have various financial obligations, including contractual obligations and commitments, which may require future cash payments. The following schedule summarizes our non-cancellable obligations and future minimum payments as of December 31, 2017:

	Minimum Payments Due by Period									
	Due in One Year or Less After One Year But Within Three Years		After Three Years But Within Five Years	After Five Years	Total					
Deposits										
Deposits with no stated maturity	\$811,992	\$—	\$—	\$ —	\$811,992					
Certificates of deposit with stated maturities	191,012	150,757	89,657	21,840	453,266					
Total deposits	1,003,004	150,757	89,657	21,840	1,265,258					
Borrowed funds										
Short-term borrowings	54,878	_		_	54,878					
Long-term borrowings	70,000	120,000	80,000	20,000	290,000					
Total borrowed funds	124,878	120,000	80,000	20,000	344,878					
Total contractual obligations	\$1,127,882	\$ 270,757	\$169,657	\$ 41,840	\$1,610,136					

We also have loan commitments that may impact liquidity. The following schedule summarizes our loan commitments and expiration dates by period as of December 31, 2017. Commitments to grant loans include residential mortgage loans with the majority being loans committed to be sold to the secondary market. Since many of these commitments historically have expired without being drawn upon, the total amount of these commitments does not necessarily represent our future cash requirements.

	Expiration	n Dates by Pe	rıod		
	Due in One Year or Less	Vear But	Within	After Five Years	Total
Unused commitments under lines of credit	\$91,191	\$ 76,233	\$ 13,284	\$3,609	\$184,317
Commercial and standby letters of credit	1,622	_	—		1,622
Commitments to grant loans	24,782	_	—		24,782
Total loan commitments	\$117,595	\$ 76,233	\$ 13,284	\$3,609	\$210,721
For additional disclosure related to Contrac	tual Oblig	ations and Lo	an Commitm	onte coe	"Note 13 (

For additional disclosure related to Contractual Obligations and Loan Commitments, see "Note 13 - Off-Balance-Sheet Activities" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data. Capital

Capital consists solely of common stock, retained earnings, and accumulated other comprehensive income (loss). We are authorized to raise capital through dividend reinvestment, employee and director stock purchases, and shareholder stock purchases. Pursuant to these authorizations, we issued 220,510 shares or \$6,177 of common stock during 2017, and 179,903 shares or \$5,023 of common stock in 2016. We also offer the Directors Plan in which participants either directly purchase stock or purchase stock units through deferred fees, in lieu of cash payments. Pursuant to this plan, we increased shareholders' equity by \$640 and \$573 during 2017 and 2016, respectively.

We have a publicly announced common stock repurchase plan. Pursuant to this plan, we repurchased 184,286 shares or \$5,181 of common stock during 2017 and 158,701 shares or \$4,440 during 2016. As of December 31, 2017, we were authorized to repurchase up to an additional 215,671 shares of common stock.

The FRB has established minimum risk based capital guidelines. Pursuant to these guidelines, a framework has been established that assigns risk weights to each category of on and off-balance-sheet items to arrive at risk adjusted total

assets. Regulatory capital is divided by the risk adjusted assets with the resulting ratio compared to the minimum standard to determine whether a corporation has adequate capital. On July 2, 2013, the FRB published revised BASEL III Capital standards for banks. The final rules redefine what is included or deducted from equity capital, changes risk weighting for certain on and

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off-balance sheet assets, increases the minimum required equity capital to be considered well capitalized, and introduces a capital conservation buffer. The rules, which are being gradually phased in between 2015 and 2019, are not expected to have a material impact on the Corporation but will require us to hold more capital than we have historically.

There are no significant regulatory constraints placed on our capital. The FRB's current recommended minimum primary capital to assets requirement is 6.00%. Our primary capital to adjusted average assets, or tier 1 leverage ratio, was 8.54% as of December 31, 2017.

Effective January 1, 2015, the minimum standard for primary, or Tier 1, capital increased from 4.00% to 6.00%. The minimum standard for total capital is 8.00%. Also effective January 1, 2015 was the new common equity tier 1 capital ratio which had a minimum requirement of 4.50%. Beginning on January 1, 2016, the capital conservation buffer went into effect which further increased the required levels. The following table sets forth the percentages required under the Risk Based Capital guidelines and our ratios as of December 31:

	2017		2016	
	Actual	Minimum Required	Actual	Minimum Required
Common equity tier 1 capital	12.23%	5.750 %	12.39%	5.125 %
Tier 1 capital	12.23%	7.250 %	12.39%	6.625 %
Tier 2 capital (1)	0.63 %	2.000 %	0.65~%	2.000 %
Total Capital	12.86%	9.250 %	13.04%	8.625 %

⁽¹⁾ Tier 2 capital, or secondary capital, includes only the ALLL. The percentage for the secondary capital under the required column is the maximum amount allowed from all sources.

The FRB and FDIC also prescribe minimum capital requirements for Isabella Bank. At December 31, 2017, the Bank exceeded these minimum capital requirements. For further information regarding the Bank's capital requirements, see "Note 16 – Minimum Regulatory Capital Requirements" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Fair Value

We utilize fair value measurements to record fair value adjustments to certain assets and liabilities and to determine fair value disclosures. AFS securities and certain liabilities are recorded at fair value on a recurring basis. Additionally, from time-to-time, we may be required to record at fair value other assets on a nonrecurring basis, such as mortgage loans AFS, impaired loans, goodwill, foreclosed assets, OMSR, and certain other assets and liabilities. These nonrecurring fair value adjustments typically involve the application of lower of cost or market accounting or write-downs of individual assets.

For further information regarding fair value measurements, see "Note 1 – Nature of Operations and Summary of Significant Accounting Policies" and "Note 20 – Fair Value" of the "Notes to Consolidated Financial Statements" in Item 8. Financial Statements and Supplementary Data.

Liquidity

Liquidity is monitored regularly by our Market Risk Committee, which consists of members of senior management. The committee reviews projected cash flows, key ratios, and liquidity available from both primary and secondary sources.

Our primary sources of liquidity are cash and cash equivalents and unencumbered AFS securities. These categories totaled \$293,188 or 16.17% of assets as of December 31, 2017 as compared to \$307,112 or 17.73% as of December 31, 2016. The decrease in primary liquidity is a direct result of our unencumbered AFS securities activity during 2017. Liquidity is important for financial institutions because of their need to meet loan funding commitments, depositor withdrawal requests, and various other commitments including expansion of operations, investment opportunities, and payment of cash dividends. Liquidity varies significantly daily, based on customer activity. Our primary source of funds is deposit accounts. We also have the ability to borrow from the FHLB, the FRB, and through various correspondent banks in the form of federal funds purchased and a line of credit. These funding methods typically carry a higher interest rate than traditional market deposit accounts. Some borrowed funds, including FHLB advances, FRB Discount Window advances, and repurchase agreements, require us to pledge assets, typically in the form of AFS securities or loans as collateral. As of December 31, 2017, we had available lines of credit of \$139,381.

The following table summarizes our sources and uses of cash for the years ended December 31:

	2017	2016	\$
	2017	2010	Variance
Net cash provided by (used in) operating activities	\$16,989	\$19,162	\$(2,173)
Net cash provided by (used in) investing activities	(79,023)	(68,831)	(10,192)
Net cash provided by (used in) financing activities	69,988	50,994	18,994
Increase (decrease) in cash and cash equivalents	7,954	1,325	6,629
Cash and cash equivalents January 1	22,894	21,569	1,325
Cash and cash equivalents December 31	\$30,848	\$22,894	\$7,954
Market Risk			

Our primary market risks are interest rate risk and liquidity risk. IRR is the exposure of our net interest income to changes in interest rates. IRR results from the difference in the maturity or repricing frequency of a financial institution's interest earning assets and its interest bearing liabilities. IRR is the fundamental method by which financial institutions earn income and create shareholder value. Excessive exposure to IRR could pose a significant risk to our earnings and capital.

The FRB has adopted a policy requiring us to effectively manage the various risks that can have a material impact on our safety and soundness. The risks include credit, interest rate, liquidity, operational, and reputational. We have policies, procedures, and internal controls for measuring and managing these risks. Specifically, our Funds Management policy and procedures include defining acceptable types and terms of investments and funding sources, liquidity requirements, limits on investments in long term assets, limiting the mismatch in repricing opportunity of assets and liabilities, and the frequency of measuring and reporting to our Board.

The primary technique to measure IRR is simulation analysis. Simulation analysis forecasts the effects on the balance sheet structure and net interest income under a variety of scenarios that incorporate changes in interest rates, the shape of yield curves, interest rate relationships, loan prepayments, and changes in funding sources. These forecasts are compared against net interest income projected in a stable interest rate environment. While many assets and liabilities reprice either at maturity or in accordance with their contractual terms, several balance sheet components demonstrate characteristics that require an evaluation to more accurately reflect their repricing behavior. Key assumptions in the simulation analysis include prepayments on loans, probable calls of investment securities, changes in market conditions, loan volumes and loan pricing, deposit sensitivity, and customer preferences. These assumptions are inherently uncertain as they are subject to fluctuation and revision in a dynamic environment. As a result, the simulation analysis cannot precisely forecast the impact of rising and falling interest rates on net interest income. Actual results will differ from simulated results due to many other factors, including changes in balance sheet components, interest rate changes, changes in market conditions, and management strategies.

Our interest rate sensitivity is estimated by first forecasting the next 12 and 24 months of net interest income under an assumed environment of a constant balance sheet and constant market interest rates (base case). We then compare the results of various simulation analyses to the base case. At December 31, 2017, we projected the change in net interest income during the next 12 and 24 months assuming market interest rates were to immediately decrease by 100 basis points and increase by 100, 200, 300, and 400 basis points in a parallel fashion over the entire yield curve during the same time period. We did not project scenarios showing decreases in interest rates beyond 100 basis points as this is considered extremely unlikely given current low interest rate levels. These projections were based on our assets and liabilities remaining static over the next 12 and 24 months, while factoring in probable calls and prepayments of certain investment securities and residential real estate and consumer loans. While it is extremely unlikely that interest rates would immediately increase to these levels, we feel that these extreme scenarios help us identify potential gaps and mismatches in the repricing characteristics of assets and liabilities. We regularly monitor our projected net interest income sensitivity to ensure that it remains within established limits. As of December 31, 2017, our interest rate sensitivity results were within Board approved limits.

The following tables summarize our interest rate sensitivity for 12 and 24 months as of:

	Decembe	er 31, 20)17							
	12 Mont	hs				24 Months				
Immediate basis point change assumption (short-term)	-100	+100	+200	+300	+400	-100	+100	+200	+300	+400
Percent change in net interest income vs. constant rates	(2.43)%	2.36%	4.18%	5.99%	7.94%	(2.29)%	2.61%	4.17%	5.39%	6.09%
	Decembe	er 31, 20)16							
	12 Mont	hs				24 Months				
Immediate basis point change assumption (short-term)	-100	+100	+200	+300	+400	-100	+100	+200	+300	+400
Percent change in net interest income vs. constant rates	(4.49)%	2.19%	4.31%	5.68%	6.67%	(5.32)%	2.64%	5.01%	6.33%	6.75%

Gap analysis, the secondary method to measure IRR, measures the cash flows and/or the earliest repricing of our interest bearing assets and liabilities. This analysis is useful for measuring trends in the repricing characteristics of the balance sheet. Significant assumptions are required in this process because of the embedded repricing options contained in assets and liabilities. Residential real estate and consumer loans allow the borrower to repay the balance prior to maturity without penalty, while commercial and agricultural loans may have prepayment penalties. The amount of prepayments is dependent upon many factors, including the interest rate of a given loan in comparison to the current offering rates, the level of sales of used homes, and the overall availability of credit in the market place. Generally, a decrease in interest rates will result in an increase in cash flows from these assets. A significant portion of our securities are callable or have prepayment options. The call and prepayment options are more likely to be exercised in a period of decreasing interest rates. Savings and demand accounts may generally be withdrawn on request without prior notice. The timing of cash flows from these deposits is estimated based on historical experience. Certificates of deposit have penalties that discourage early withdrawals.

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The following tables provide information about assets and liabilities that are sensitive to changes in interest rates as of December 31, 2017 and December 31, 2016. The principal amounts of investments, loans, other interest earning assets, borrowings, and time deposits maturing were calculated based on the contractual maturity dates. Estimated cash flows for savings and NOW accounts are based on our estimated deposit decay rates.

December 31, 2017

	2018		2019		2020		2021		2022		Thereafte	er	Total		Fair Value
Rate sensitive assets															
Other interest bearing assets	\$5,481		\$—		\$100		\$—		\$—		\$—		\$5,581		\$5,581
Average interest rates	1.65	%	_	%	0.35	%	_	%	_	%	_	%	1.63	%	
AFS securities	\$95,000		\$72,551		\$71,591		\$68,127		\$60,607		\$184,431	l	\$552,307	7	\$552,307
Average interest rates	2.33		2.46	%	2.59	%	2.58	%	2.38	%	2.59	%	2.50	%	
Fixed interest rate loans (1)	^e \$153,100)	\$118,068	}	\$114,872	2	\$129,992	2	\$116,779)	\$222,971	l	\$855,782	2	\$825,855
Average interest rates	4.12	%	4.34	%	4.24	%	4.16	%	4.34	%	4.01	%	4.17	%	
Variable interest rate loans (1)	\$70,738		\$35,473		\$27,164		\$25,494		\$20,158		\$56,710		\$235,737	7	\$231,051
Average interest rates	5.48	%	4.79	%	4.91	%	4.43	%	4.39	%	3.72	%	4.68	%	
Rate sensitive liabilities															
Fixed rate borrowed funds	\$124,878	3	\$85,000		\$35,000		\$50,000		\$20,000		\$20,000		\$334,878	3	\$332,146
Average interest rates	1.15	%	1.87	%	1.80	%	1.91	%	1.97	%	2.54	%	1.65	%	
Variable rate borrowed funds	\$—		\$—		\$—		\$10,000		\$—		\$—		\$10,000		\$9,943
Average interest rates	_	%	_	%		%	1.72	%	_	%		%	1.72	%	
Savings and NOW accounts	\$49,140		\$44,096		\$39,607		\$35,611		\$32,051		\$373,976	5	\$574,481		\$574,481
Average interest rates	0.22	%	0.22	%	0.22	%	0.22	%	0.21	%	0.27	%	0.25	%	
Fixed interest rat certificates of deposit	e \$188,598	3	\$109,047	,	\$37,604		\$50,814		\$38,843		\$21,840		\$446,746	Ď	\$437,400
Average interest rates	1.05	%	1.57	%	1.62	%	1.76	%	1.85	%	2.05	%	1.42	%	
Variable interest rate certificates o deposit	f\$2,414		\$4,106		\$—		\$—		\$—		\$—		\$6,520		\$6,492
Average interest rates	1.40	%	1.66	%	_	%	_	%	_	%	_	%	1.56	%	
	Decembe	er 3	1, 2016												

	2017		2018		2019		2020		2021		Thereafte	er	Total		Fair Value
Rate sensitive assets															
Other interest bearing assets	\$2,727		\$—		\$—		\$—		\$—		\$—		\$2,727		\$2,727
Average interest rates	0.34	%	_	%	_	%	_	%	—	%	_	%	0.34	%	
AFS securities Average interest	\$114,247	7	\$71,220		\$64,931		\$63,150		\$66,976		\$177,572	2	\$558,096	5	\$558,096
rates	2.35		2.38	%	2.45	%	2.64	%	2.57	%	2.50	%	2.47	%	
Fixed interest rate loans (1)	^e \$159,964	4	\$115,741		\$103,514	1	\$107,185	5	\$112,811		\$199,160)	\$798,375	5	\$778,769
Average interest rates	4.15	%	4.25	%	4.34	%	4.16	%	4.15	%	4.10	%	4.18	%	
Variable interest rate loans (1)	\$69,024		\$29,179		\$38,248		\$16,179		\$23,632		\$35,978		\$212,240)	\$212,240
Average interest rates	4.83	%	4.32	%	4.16	%	3.62	%	3.74	%	3.86	%	4.26	%	
Rate sensitive liabilities															
Fixed rate borrowed funds	\$137,694	1	\$50,000		\$60,000		\$10,000		\$50,000		\$20,000		\$327,694	ļ	\$326,975
Average interest rates	0.83	%	2.16	%	1.99	%	1.98	%	1.91	%	2.54	%	1.55	%	
Variable rate borrowed funds	\$—		\$—		\$—		\$—		\$10,000		\$—		\$10,000		\$10,000
Average interest rates	—	%	—	%	_	%	_	%	1.21	%	_	%	1.21	%	
Savings and NOW accounts	\$84,972		\$42,596		\$38,220		\$34,326		\$30,858		\$325,583	3	\$556,555	5	\$556,555
Average interest rates	0.57	%	0.12	%	0.11	%	0.11	%	0.11	%	0.11	%	0.18	%	
Fixed interest rate certificates of	e \$195,389)	\$80,139		\$45,110		\$33,929		\$50,978		\$24,881		\$430,426	5	\$427,100
deposit Average interest															
rates	0.86	%	1.18	%	1.35	%	1.58	%	1.68	%	1.84	%	1.18	%	
Variable interest rate certificates o deposit	f\$1,078		\$1,910		\$—		\$—		\$—		\$—		\$2,988		\$2,988
Average interest rates	0.62	%	0.99	%	_	%	_	%	_	%	_	%	0.85	%	

⁽¹⁾ The fair value reported is exclusive of the allocation of the ALLL.

We do not believe that there has been a material change in the nature or categories of our primary market risk exposure, or the particular markets that present the primary risk of loss. As of the date of this report, we do not know of or expect there to be any material change in the general nature of our primary market risk exposure in the near term. As of the date of this report, we

do not expect to make material changes in those methods in the near term. We may change those methods in the future to adapt to changes in circumstances or to implement new techniques.

Interest Rate Sensitivity

Interest rate sensitivity is determined by the amount of earning assets and interest bearing liabilities repricing within a specific time period, and their relative sensitivity to a change in interest rates. We strive to achieve reasonable stability in the net interest margin through periods of changing interest rates. One tool we use to measure interest rate sensitivity is gap analysis. As shown in the following table, the gap analysis depicts our position for specific time periods and the cumulative repricing gap as a percentage of total assets.

The interest rate sensitivity information for AFS securities is based on the expected prepayments and call dates versus stated maturities. Fixed rate loans are included in the appropriate time frame based on their scheduled amortization. Variable rate loans, which totaled \$235,737 as of December 31, 2017, are included in the time frame of their earliest repricing. Time deposit liabilities are scheduled based on their contractual maturity except for variable rate time deposits in the amount of \$6,520 that are included in the 0 to 3 month time frame.

The following table shows the time periods and the amount of assets and liabilities available for interest rate repricing as of December 31, 2017. For purposes of this analysis, nonaccrual loans and the ALLL are excluded.

		0 to 3	4 to 12	1 to 5	Over 5
		Months	Months	Years	Years
Interest sensitive assets					
AFS securities		\$21,187	\$73,813	\$272,876	\$184,431
Loans		292,208	93,602	479,711	222,971
Total		\$313,395	\$167,415	\$752,587	\$407,402
Interest sensitive liabiliti	ies				
Borrowed funds		\$94,878	\$30,000	\$200,000	\$20,000
Time deposits		53,404	141,714	236,308	21,840
Savings		342,815			
NOW		231,666			
Total		\$722,763	\$171,714	\$436,308	\$41,840
Cumulative repricing ga	p	\$(409,368)	\$(413,667)	\$(97,388)	\$268,174
Cumulativa ramiaina aa	n as a M of assats	(22.59)07	(22.92)	(5.27)	1470 07

Cumulative repricing gap as a % of assets (22.58)% (22.82)% (5.37)% 14.79 %

The following table shows the maturity of commercial and agricultural loans outstanding at December 31, 2017. Also provided are the amounts due after one year, classified according to the sensitivity to changes in interest rates.

	1 Year	1 to 5	Over 5	Total
	or Less	Years	Years	Total
Commercial and agricultural	\$104,928	\$404,948	\$253,152	\$763,028
Interest sensitivity				
Loans maturing after one year that have:				
Fixed interest rates		\$340,713	\$241,880	
Variable interest rates		64,235	11,272	
Total		\$404,948	\$253,152	

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Item 7A. Quantitative and Qualitative Disclosures About Market Risk. The information presented in the section captioned "Market Risk" in Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations is incorporated herein by reference. Item 8. Financial Statements and Supplementary Data. The following consolidated financial statements accompanied by the report of our independent registered public accounting firm are set forth beginning on page 38 of this report: Report of Independent Registered Public Accounting Firm

Consolidated Balance Sheets

Consolidated Statements of Changes in Shareholders' Equity

Consolidated Statements of Income

Consolidated Statements of Comprehensive Income (Loss)

Consolidated Statements of Cash Flows

Notes to Consolidated Financial Statements Supplementary data regarding quarterly results of operations is included in Item 6. Selected Financial Data.

Report of Independent Registered Public Accounting Firm

Shareholders and Board of Directors Isabella Bank Corporation

Mount Pleasant, Michigan

Opinion on the Financial Statements and Internal Control over Financial Reporting

We have audited the accompanying consolidated balance sheets of Isabella Bank Corporation as of December 31, 2017 and 2016, and the related consolidated statements of changes in shareholders' equity, income, comprehensive income, 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 Isabella Bank Corporation's internal control over financial reporting as of December 31, 2017, based on criteria established in the Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria).

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the consolidated financial position of Isabella Bank Corporation as of December 31, 2017 and 2016, and the consolidated 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 Isabella Bank Corporation maintained, in all material respects, effective internal control over financial reporting as of December 31, 2017, based on the COSO criteria.

Basis for Opinions

Isabella Bank Corporation's management is responsible for these consolidated 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 opinions on Isabella Bank Corporation's consolidated financial statements and on Isabella Bank Corporation's internal control over financial reporting based on our integrated 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 Isabella Bank Corporation 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 consolidated 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 consolidated financial statements included performing procedures to assess the risks of material misstatement of the consolidated 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 consolidated 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 consolidated financial statements. Our audits also included obtaining an understanding of internal control over financial reporting, assessing the risk that a material misstatement exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. We believe that our audits provide a reasonable basis for our opinions.

Definition and Limitations of Internal Control over Financial Reporting

A corporation's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with generally accepted accounting principles. A corporation'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 corporation; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of consolidated financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the corporation are being made only in accordance with authorizations of management and directors of the corporation;

and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the corporation's assets that could have a material effect on the consolidated 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/Rehmann Robson LLC

We have served as Isabella Bank Corporation's independent auditor since 1996. Saginaw, Michigan March 15, 2018

CONSOLIDATED BALANCE SHEETS

(Dollars in thousands)

(Donars in thousands)	D 1 2	1
	December 3	
	2017	2016
ASSETS		
Cash and cash equivalents	\$25.267	\$ 20.1 (7
Cash and demond deposits due from banks	\$25,267	\$20,167
Interest bearing balances due from banks	5,581	2,727
Total cash and cash equivalents	30,848	22,894
AFS securities (amortized cost of \$551,712 in 2017 and \$557,648 in 2016)	552,307	558,096
Mortgage loans AFS	1,560	1,816
Loans		
Commercial	634,759	575,664
Agricultural	128,269	126,492
Residential real estate	272,368	266,050
Consumer	56,123	42,409
Gross loans	1,091,519	1,010,615
Less allowance for loan and lease losses	7,700	7,400
Net loans	1,083,819	1,003,215
Premises and equipment	28,450	29,314
Corporate owned life insurance policies	27,026	26,300
Accrued interest receivable	7,063	6,580
Equity securities without readily determinable fair values	23,454	21,694
Goodwill and other intangible assets	48,547	48,666
Other assets	10,056	13,576
TOTAL ASSETS	\$1,813,130	\$1,732,151
LIABILITIES AND SHAREHOLDERS' EQUITY		
Deposits		
Noninterest bearing	\$237,511	\$205,071
NOW accounts	231,666	209,325
Certificates of deposit under \$250 and other savings	728,090	717,078
Certificates of deposit over \$250	67,991	63,566
Total deposits	1,265,258	1,195,040
Borrowed funds	344,878	337,694
Accrued interest payable and other liabilities	8,089	11,518
Total liabilities	1,618,225	1,544,252
Shareholders' equity		
Common stock — no par value 15,000,000 shares authorized; issued and outstanding		
7,857,293 shares (including 31,769 shares held in the Rabbi Trust) in 2017 and 7,821,069	140,277	139,525
shares (including 26,042 shares held in the Rabbi Trust) in 2016		
Shares to be issued for deferred compensation obligations	5,502	5,038
Retained earnings	51,728	46,114
Accumulated other comprehensive income (loss)	(2,602)) (2,778)
Total shareholders' equity	194,905	187,899
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$1,813,130	\$1,732,151

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

CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY

(Dollars in thousands except per share amounts)

	Common S	tock				
	Common Shares Outstandin	Amount g	Common Shares to be Issued for Deferred Compensation Obligations	Retained Earnings	Comprehens	
Balance, January 1, 2015 Comprehensive income (loss)	7,776,274	\$138,755 —	\$ 4,242 —	\$32,103 15,130	\$ (506 727) \$174,594 15,857
Issuance of common stock	216,700	5,201	—	—	—	5,201
Common stock issued for deferred	_	_	_			_
compensation obligations Common stock transferred from the Rabbi Trust to satisfy deferred compensation obligations	_	200	(200)	. —	_	_
Share-based payment awards under equity compensation plan	—	—	550	—	_	550
Common stock purchased for deferred compensation obligations	—	(368)) —	—	_	(368)
Common stock repurchased pursuant to publicly announced repurchase plan	(193,107)	(4,590)) —	—	—	(4,590)
Cash dividends paid (\$0.94 per common			_	(7,273)) —	(7,273)
share) Balance, December 31, 2015	7,799,867	139,198	4,592	39,960	221	183,971
Comprehensive income (loss)			ч, <i>372</i>	13,799	(2,999) 10,800
Issuance of common stock	179,903	5,023	_			5,023
Common stock issued for deferred						
compensation obligations						
Common stock transferred from the Rabbi Trust to satisfy deferred compensation obligations	_	127	(127)) <u> </u>	_	_
Share-based payment awards under equity compensation plan	—	—	573	—	—	573
Common stock purchased for deferred compensation obligations	—	(383))	—	—	(383)
Common stock repurchased pursuant to publicly announced repurchase plan	(158,701)	(4,440)) —			(4,440)
Cash dividends paid (\$0.98 per common share)		_	_	(7,645)) —	(7,645)
Balance, December 31, 2016 Comprehensive income (loss)	7,821,069 —	139,525 —	5,038 —	46,114 13,237	(2,778 543) 187,899 13,780
Reclassification resulting from the enactment of the Tax Act		_	_	367	(367) —
Issuance of common stock	220,510	6,177	_		_	6,177
Common stock issued for deferred						
compensation obligations		17((17(
		176	(176)			

Common stock transferred from the Rabbi							
Trust to satisfy deferred compensation							
obligations							
Share-based payment awards under equity compensation plan	—	—	640	—	—	640	
Common stock purchased for deferred compensation obligations	—	(420) —	—	—	(420)
Common stock repurchased pursuant to publicly announced repurchase plan	(184,286)	(5,181) —	—	—	(5,181)
Cash dividends paid (\$1.02 per common share)	—	—	—	(7,990)	—	(7,990)
Balance, December 31, 2017	7,857,293	\$140,277	\$ 5,502	\$51,728	\$ (2,602)	\$194,90	5
The accompanying notes are an integral part	rt of these co	onsolidated	financial state	nents.			

CONSOLIDATED STATEMENTS OF INCOME

(Dollars in thousands except per share amounts)

	Year Ended December 31		
	2017	2016	2015
Interest income			
Loans, including fees	\$43,537	\$38,537	\$35,853
AFS securities			
Taxable	8,564	8,746	9,053
Nontaxable	5,570	5,715	5,996
Federal funds sold and other	742	668	600
Total interest income	58,413	53,666	51,502
Interest expense			
Deposits	6,809	5,836	5,850
Borrowings	5,685	5,029	4,313
Total interest expense	12,494	10,865	10,163
Net interest income	45,919	42,801	41,339
Provision for loan losses	253	· · · ·	(2,771)
Net interest income after provision for loan losses	45,666	42,936	44,110
Noninterest income			
Service charges and fees	6,013	5,230	5,437
Earnings on corporate owned life insurance policies	726	761	771
Net gain on sale of mortgage loans	647	651	573
Net gains on sale of AFS securities	142	245	163
Other	3,284	4,221	3,415
Total noninterest income	10,812	11,108	10,359
Noninterest expenses			
Compensation and benefits	21,525	19,170	18,431
Furniture and equipment	5,523	5,275	5,144
Occupancy	3,133	3,227	3,037
Other		10,225	9,439
Total noninterest expenses	40,225	37,897	36,051
Income before federal income tax expense	16,253	16,147	18,418
Federal income tax expense	3,016	2,348	3,288
NET INCOME	\$13,237	\$13,799	\$15,130
Earnings per common share			
Basic	\$1.69	\$1.77	\$1.95
Diluted	\$1.65	\$1.73	\$1.90
Cash dividends per common share	\$1.02	\$0.98	\$0.94

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

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(Dollars in thousands)

	Year Ended December 31			
	2017	2016	2015	
Net income	\$13,237	\$13,799	\$15,13	50
Unrealized gains (losses) on AFS securities				
Unrealized gains (losses) arising during the period	289	(5,865)) 310	
Reclassification adjustment for net realized (gains) losses included in net income	(142)	(245)) (163)
Reclassification adjustment for impairment loss included in net income		770	—	
Comprehensive income (loss) before income tax (expense) benefit	147	(5,340)) 147	
Tax effect (1)	89	1,834	87	
Unrealized gains (losses) on AFS securities, net of tax	236	(3,506)) 234	
Unrealized gains (losses) on derivative instruments				
Unrealized gains (losses) on derivative instruments arising during the period	43	248	—	
Tax effect (1)	(15)	(84)) —	
Unrealized gains (losses) on derivative instruments, net of tax	28	164	—	
Change in unrecognized pension cost on defined benefit pension plan				
Change in unrecognized pension cost arising during the period	11	282	255	
Reclassification adjustment for net periodic benefit cost included in net income	412	238	492	
Net change in unrecognized pension cost	423	520	747	
Tax effect (1)	(144)	(177)) (254)
Change in unrealized pension cost, net of tax	279	343	493	
Other comprehensive income (loss), net of tax	543	(2,999)) 727	
Comprehensive income (loss)	\$13,780	\$10,800	\$15,85	57
C_{-} (NL-4, 10 A constant of C_{-} constant in the constant $(I_{-})^{2}$ is the constant $(I_{-})^{2}$ is the constant of C_{-}			an a alida	to d

(1) See "Note 18 – Accumulated Other Comprehensive Income (Loss)" in the accompanying notes to consolidated financial statements for tax effect reconciliation.

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

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CONSOLIDATED STATEMENTS OF CASH FLOWS

(Dollars in thousands)

liars in thousands)				
	Year Ended December 31			
	2017	2016	2015	
OPERATING ACTIVITIES				
Net income	\$13,237	\$13,799	\$15,13	0
Reconciliation of net income to net cash provided by operating activities:				
Provision for loan losses	253	(135) (2,771)
Impairment of foreclosed assets	2	10	99	
Depreciation	2,902	2,821	2,677	
Amortization of OMSR	340	394	340	
Amortization of acquisition intangibles	119	162	169	
Net amortization of AFS securities	2,144	2,747	2,074	
AFS security impairment loss		770	—	
Net (gains) losses on sale of AFS securities	(142) (245) (163)
Net gain on sale of mortgage loans	(647) (651) (573)
Increase in cash value of corporate owned life insurance policies	(726	(761) (771)
Gains from redemption of corporate owned life insurance policies		(469) —	
Share-based payment awards under equity compensation plan	640	573	550	
Deferred income tax (benefit) expense	2,837	(282) 1,692	
Origination of loans held-for-sale	(36,276)	(33,089)		7)
Proceeds from loan sales	37,179	33,111	43,174	
Net changes in operating assets and liabilities which provided (used) cash:	,		ŕ	
Accrued interest receivable	(483	(311) (418)
Other assets	· · · · · · · · · · · · · · · · · · ·	· · · · ·) (5,322	
Accrued interest payable and other liabilities	(3,429	· · · · ·	(910	Ĵ
Net cash provided by (used in) operating activities	16,989	19,162	12,090	Í
INVESTING ACTIVITIES	,	,	,	
Activity in AFS securities				
Sales	12,827	35,664	1,319	
Maturities, calls, and principal payments	97,617	137,278		
Purchases) (79,514		
Net loan principal (originations) collections		(160,294		
Proceeds from sales of foreclosed assets	269	486	1,523	,
Purchases of premises and equipment) (3,804)
Purchases of corporate owned life insurance policies			(500	Ś
Proceeds from redemption of corporate owned life insurance policies		1,353		
Net cash provided by (used in) investing activities	(79.023	(68,831)) (113.49	99)
	()====;	(),	(,	

CONSOLIDATED STATEMENTS OF CASH FLOWS (continued)

(Dollars in thousands)

	Year Ended December 31		
	2017	2016	2015
FINANCING ACTIVITIES			
Net increase (decrease) in deposits	\$70,218	\$30,477	\$90,079
Net increase (decrease) in borrowed funds	7,184	27,962	20,023
Cash dividends paid on common stock	(7,990)	(7,645)	(7,273)
Proceeds from issuance of common stock	6,177	5,023	5,201
Common stock repurchased	(5,181)	(4,440)	(4,590)
Common stock purchased for deferred compensation obligations	(420)	(383)	(368)
Net cash provided by (used in) financing activities	69,988	50,994	103,072
Increase (decrease) in cash and cash equivalents	7,954	1,325	1,663
Cash and cash equivalents at beginning of period	22,894	21,569	19,906
Cash and cash equivalents at end of period	\$30,848	\$22,894	\$21,569
SUPPLEMENTAL CASH FLOWS INFORMATION:			
Interest paid	\$12,388	\$10,836	\$10,176
Income taxes paid	3,120	1,415	3,493
SUPPLEMENTAL NONCASH INFORMATION:			
Transfers of loans to foreclosed assets	\$331	\$306	\$1,158

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

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

(Dollars in thousands except per share amounts)

Note 1 - Nature of Operations and Summary of Significant Accounting Policies

BASIS OF PRESENTATION AND CONSOLIDATION: The consolidated financial statements include the accounts of Isabella Bank Corporation, a financial services holding company, and its wholly owned subsidiary, Isabella Bank. All intercompany balances and accounts have been eliminated in consolidation. References to "the Corporation," "Isabella," "we," "our," "us," and similar terms refer to the consolidated entity consisting of Isabella Bank Corporation and its subsidiary. Isabella Bank Corporation refers solely to the parent holding company, and Isabella Bank or the "Bank" refers to Isabella Bank Corporation's subsidiary, Isabella Bank.

For additional information, see "Note 19 – Related Party Transactions."

NATURE OF OPERATIONS: Isabella Bank Corporation is a financial services holding company offering a wide array of financial products and services in several mid-Michigan counties. Our banking subsidiary, Isabella Bank, offers banking services through 29 locations and a loan production office, 24 hour banking services locally and nationally through shared automatic teller machines, 24 hour online banking, mobile banking, and direct deposits to businesses, institutions, and individuals. Lending services offered include commercial loans, agricultural loans, residential real estate loans, and consumer loans. Deposit services include interest and noninterest bearing checking accounts, savings accounts, money market accounts, and certificates of deposit. Other related financial products include trust and investment services, safe deposit box rentals, and credit life insurance. Active competition, principally from other commercial banks, savings banks and credit unions, exists in all of our principal markets. Our results of operations can be significantly affected by changes in interest rates, changes in the local economic environment and changes in regulations.

USE OF ESTIMATES: In preparing consolidated financial statements in conformity with accounting principles generally accepted in the United States of America, we make estimates and assumptions that affect the reported amounts of assets and liabilities as of the date of the consolidated balance sheet and reported amounts of revenues and expenses during the reporting year. Actual results could differ from those estimates.

Material estimates that are particularly susceptible to significant change in the near term relate to the determination of the ALLL, the fair value of AFS investment securities, the valuation of goodwill and other intangible assets, and determination of net deferred tax assets.

FAIR VALUE MEASUREMENTS: Fair value refers to the price that would be received to sell an asset or paid to transfer a liability (an exit price) in an orderly transaction between market participants in the market in which the reporting entity transacts such sales or transfers based on the assumptions market participants would use when pricing an asset or liability. Assumptions are developed based on prioritizing information within a fair value hierarchy that gives the highest priority to quoted prices in active markets and the lowest priority to unobservable data, such as the reporting entity's own data. We may choose to measure eligible items at fair value at specified election dates. For assets and liabilities recorded at fair value, it is our policy to maximize the use of observable inputs and minimize the use of unobservable inputs when developing fair value measurements for those financial instruments for which there is an active market. In cases where the market for a financial asset or liability is not active, we include appropriate risk adjustments that market participants would make for nonperformance and liquidity risks when developing fair value measurements. Fair value measurements for assets and liabilities for which limited or no observable market data exists are accordingly based primarily upon estimates, are often calculated based on the economic and competitive environment, the characteristics of the asset or liability and other factors. Therefore, the results cannot be determined with precision and may not be realized in an actual sale or immediate settlement of the asset or liability. Additionally, there may be inherent weaknesses in any calculation technique, and changes in the underlying assumptions used, including discount rates and estimates of future cash flows, could significantly affect the results of current or future values.

We utilize fair value measurements to record fair value adjustments to certain assets and liabilities and to determine fair value disclosures. Investment securities AFS and derivative instruments are recorded at fair value on a recurring basis. Additionally, from time-to-time, we may be required to record other assets and liabilities at fair value on a nonrecurring basis, such as mortgage loans AFS, impaired loans, foreclosed assets, OMSR, goodwill, and certain

other assets and liabilities. These nonrecurring fair value adjustments typically involve the application of lower of cost or market accounting or write-downs of individual assets.

Fair Value Hierarchy

Under fair value measurement and disclosure authoritative guidance, we group assets and liabilities measured at fair value into three levels, based on the markets in which the assets and liabilities are traded, and the reliability of the assumptions used to determine fair value, based on the prioritization of inputs in the valuation techniques. These levels are:

Level 1: Valuation is based upon quoted prices for identical instruments traded in active markets.

Valuation is based upon quoted prices for similar instruments in active markets, quoted prices for identical or Level 2: similar instruments in markets that are not active and model based valuation techniques for which all

significant assumptions are observable in the market.

Valuation is generated from model based techniques that use at least one significant assumption not Level 3: observable in the market. These unobservable assumptions reflect estimates of assumptions that market

participants would use in pricing the asset or liability.

The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques maximize the use of observable inputs and minimize the use of unobservable inputs. Transfers between measurement levels are recognized at the end of reporting periods.

For further discussion of fair value considerations, refer to "Note 20 - Fair Value."

SIGNIFICANT GROUP CONCENTRATIONS OF CREDIT RISK: Most of our activities conducted are with customers located within the central Michigan area. A significant amount of our outstanding loans are secured by commercial and residential real estate. Other than these types of loans, there is no significant concentration to any other industry or any one customer.

CASH AND CASH EQUIVALENTS: For purposes of the consolidated statements of cash flows, cash and cash equivalents include cash and balances due from banks, federal funds sold, and other deposit accounts. Generally, federal funds sold are for a one day period. We maintain deposit accounts in various financial institutions which generally exceed federally insured limits or are not insured. We do not believe we are exposed to any significant interest, credit or other financial risk as a result of these deposits.

AFS SECURITIES: Purchases of investment securities are generally classified as AFS. However, we may elect to classify securities as either held to maturity or trading. Securities classified as AFS are recorded at fair value, with unrealized gains and losses, net of the effect of deferred income taxes, excluded from earnings and reported in other comprehensive income. Included in AFS securities are auction rate money market preferreds and preferred stocks. These investments are considered equity securities for federal income tax purposes, and as such, no estimated federal income tax impact is expected or recorded. Auction rate money market preferred securities and preferred stocks are recorded at fair value, with unrealized gains and losses excluded from earnings and reported in other comprehensive income. Purchase premiums and discounts are recognized in interest income using the interest method over the terms of the securities. Realized gains and losses on the sale of AFS securities are determined using the specific identification method.

AFS securities are reviewed quarterly for possible OTTI. In determining whether an OTTI exists for debt securities, we assert that: (a) we do not have the intent to sell the security; and (b) it is more likely than not we will not have to sell the security before recovery of its cost basis. If these conditions are not met, we recognize an OTTI charge through earnings for the difference between the debt security's amortized cost basis and its fair value, and such amount is included in noninterest income. For debt securities that do not meet the above criteria, and we do not expect to recover the security's amortized cost basis, the security is considered other-than-temporarily impaired. For these debt securities, we separate the total impairment into the credit risk loss component and the amount of the loss related to market and other risk factors. In order to determine the amount of the credit loss for a debt security, we calculate the recovery value by performing a discounted cash flow analysis based on the current cash flows and future cash flows we expect to recover. The amount of the total OTTI related to other risk factors is recognized as a component of other comprehensive income. For debt securities that have recognized an OTTI through earnings, if through subsequent evaluation there is a significant increase in the cash flow expected, the difference between the amountized cost basis

and the cash flows expected to be collected is accreted as interest income.

AFS equity securities are reviewed for OTTI at each reporting date. This evaluation considers a number of factors including, but not limited to, the length of time and extent to which the fair value has been less than cost, the financial condition and near term prospects of the issuer, and our ability and intent to hold the securities until fair value recovers. If it is determined that we do not have the ability and intent to hold the securities until recovery or that there are conditions that indicate that a security may not recover in value then the difference between the fair value and the cost of the security is recognized in earnings and is included in noninterest income.

LOANS: Loans that we have the intent and ability to hold for the foreseeable future or until maturity or payoff are reported at their outstanding principal balance adjusted for any charge-offs, the ALLL, and any deferred fees or costs on originated loans. Interest income on loans is accrued over the term of the loan based on the principal amount outstanding. Loan origination fees and certain direct loan origination costs are capitalized and recognized as a component of interest income over the term of the loan using the level yield method.

The accrual of interest on agricultural, commercial and mortgage loans is discontinued at the time the loan is 90 days or more past due unless the credit is well secured and in the process of collection. Consumer loans are typically charged-off no later than 180 days past due. Past due status is based on contractual terms of the loan. In all cases, loans are placed on nonaccrual or charged-off at an earlier date if collection of principal or interest is considered doubtful. For loans that are placed on nonaccrual status or charged-off, all interest accrued in the current calendar year, but not collected, is reversed against interest income while interest accrued in prior calendar years, but not collected is charged against the ALLL. The interest on these loans is accounted for on the cash-basis, until qualifying for return to accrual status. Loans are returned to accrual status when all principal and interest amounts contractually due are brought current and future payments are reasonably assured. For impaired loans not classified as nonaccrual, interest income continues to be accrued over the term of the loan based on the principal amount outstanding. ALLOWANCE FOR LOAN AND LEASE LOSSES: The ALLL is established as losses are estimated to have occurred through a provision for loan losses charged to earnings. Loan losses are charged against the allowance when we believe the uncollectability of the loan balance is confirmed. Subsequent recoveries, if any, are credited to the allowance.

We evaluate the ALLL on a regular basis which is based upon our periodic review of the collectability of the loans in light of historical experience, the nature and volume of the loan portfolio, adverse situations that may affect the borrower's ability to repay, estimated value of any underlying collateral and prevailing economic conditions. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available.

The ALLL consists of specific, general, and unallocated components. The specific component relates to loans that are deemed to be impaired. For such loans that are analyzed for specific allowance allocations, an allowance is established when the discounted cash flows, collateral value or observable market price of the impaired loan is lower than the carrying value of that loan. The general component covers non classified loans and is based on historical loss experience adjusted for current conditions. An unallocated component is maintained to cover uncertainties that we believe affect our estimate of probable losses based on qualitative factors. The unallocated component of the allowance reflects the margin of imprecision inherent in the underlying assumptions used in the methodologies for estimating specific and general losses in the portfolio.

Loans may be classified as impaired if they meet one or more of the following criteria:

- 1. There has been a charge-off of its principal balance;
- 2. The loan has been classified as a TDR; or

3. The loan is in nonaccrual status.

Impairment is measured on a loan by loan basis 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, less cost to sell, if the loan is collateral dependent. Large groups of smaller balance homogeneous loans are collectively evaluated for impairment.

LOANS HELD FOR SALE: Mortgage loans held for sale on the secondary market are carried at the lower of cost or fair value as determined by aggregating outstanding commitments from investors or current investor yield requirements. Net unrealized losses, if any, would be recognized as a component of other noninterest expenses. Mortgage loans held for sale are sold with the mortgage servicing rights retained by us. The carrying value of mortgage loans sold is reduced by the cost allocated to the associated mortgage servicing rights. Gains or losses on sales of mortgage loans are recognized based on the difference between the selling price and the carrying value of the related mortgage loans sold.

TRANSFERS OF FINANCIAL ASSETS: Transfers of financial assets, including mortgage loans and participation loans, are accounted for as sales when control over the assets has been surrendered. Control over transferred assets is

determined to be surrendered when 1) the assets have been legally isolated from us, 2) the transferee obtains the right (free of conditions that constrain it from taking advantage of the right) to pledge or exchange the transferred assets, and 3) we do not maintain effective control over the transferred assets through an agreement to repurchase them before their maturity. Other than servicing, we have no substantive continuing involvement related to these loans. SERVICING: Servicing assets are recognized as separate assets when rights are acquired through purchase or through sale of financial assets. We have no purchased servicing rights. For sales of mortgage loans, a portion of the cost of originating the

loan is allocated to the servicing right based on relative fair value. Fair value is based on market prices for comparable mortgage servicing contracts, when available, or alternatively, is based on a valuation model that calculates the present value of estimated future net servicing income. The valuation model incorporates assumptions that market participants would use in estimating future net servicing income, such as the cost to service, the discount rate, the custodial earnings rate, an inflation rate, ancillary income, prepayment speeds and default rates and losses. Servicing assets are evaluated for impairment based upon the fair value of the rights as compared to amortized cost. Impairment is determined by stratifying rights into tranches based on predominant risk characteristics, such as interest rate, loan type, and investor type. Impairment is recognized through a valuation allowance for an individual tranche, to the extent that fair value is less than the capitalized amount for the tranche. If we later determine that all or a portion of the impairment no longer exists for a particular tranche, a reduction of the valuation allowance may be recorded as an increase to income. Capitalized servicing rights are reported in other assets and are amortized into noninterest income in proportion to, and over the period of, the estimated future net servicing income of the underlying financial assets. The unpaid principal balance of mortgages serviced for others was \$266,789 and \$272,882 with capitalized servicing rights of \$2,409 and \$2,306 at December 31, 2017 and 2016, respectively.

Servicing fee income is recorded for fees earned for servicing loans for others. The fees are based on a contractual percentage of the outstanding principal or a fixed amount per loan and are recorded as income when earned. We recorded servicing fee revenue of \$671, \$696, and \$712 related to residential mortgage loans serviced for others during 2017, 2016, and 2015, respectively, which is included in other noninterest income.

FORECLOSED ASSETS: Assets acquired through, or in lieu of, loan foreclosure are held for sale and are initially recorded at the lower of our carrying amount or fair value less estimated selling costs at the date of transfer, establishing a new cost basis. Any write-downs based on the asset's fair value at the date of acquisition are charged to the ALLL. After foreclosure, property held for sale is carried at the lower of the new cost basis or fair value less costs to sell. Impairment losses on property to be held and used are measured at the amount by which the carrying amount of property exceeds its fair value. Costs relating to holding these assets are expensed as incurred. We periodically perform valuations and any subsequent write-downs are recorded as a charge to operations, if necessary, to reduce the carrying value of a property to the lower of our carrying amount or fair value less costs to sell. Foreclosed assets of \$291 and \$231 as of December 31, 2017 and 2016, respectively, are included in other assets.

PREMISES AND EQUIPMENT: Land is carried at cost. Buildings and equipment are carried at cost, less accumulated depreciation which is computed principally by the straight-line method based upon the estimated useful lives of the related assets, which range from 3 to 40 years. Major improvements are capitalized and appropriately amortized based upon the useful lives of the related assets or the expected terms of the leases, if shorter, using the straight-line method. Maintenance, repairs and minor alterations are charged to current operations as expenditures occur. We annually review these assets to determine whether carrying values have been impaired.

EQUITY SECURITIES WITHOUT READILY DETERMINABLE FAIR VALUES: Included in equity securities without readily determinable fair values are our holdings in FHLB stock and FRB stock as well as our ownership interest in Corporate Settlement Solutions, LLC. Our investment in Corporate Settlement Solutions, LLC, a title insurance company, was made in the 1st quarter of 2008. We are not the managing entity of Corporate Settlement Solutions, LLC, and account for our investment in that entity under the equity method of accounting. Equity securities without readily determinable fair values consist of the following as of December 31:

	2017	2016
FHLB Stock	\$13,700	\$11,900
Corporate Settlement Solutions, LLC	7,421	7,461
FRB Stock	1,999	1,999
Other	334	334
Total	\$23,454	\$21,694

EQUITY COMPENSATION PLAN: At December 31, 2017, the Directors Plan had 226,909 shares eligible to be issued to participants, for which the Rabbi Trust held 31,769 shares. We had 213,470 shares to be issued in 2016, with 26,042 shares held in the Rabbi Trust. Compensation costs relating to share based payment transactions are recognized as the services are rendered, with the cost measured based on the fair value of the equity or liability

instruments issued (see "Note 17 - Benefit Plans").

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CORPORATE OWNED LIFE INSURANCE: We have purchased life insurance policies on key members of management, partially for the purpose of funding certain post-retirement benefits. In the event of death of one of these individuals, we would receive a specified cash payment equal to the face value of the policy. Such policies are recorded at their cash surrender value, or the amount that can be realized on the balance sheet. Increases in cash surrender value in excess of single premiums paid are reported as other noninterest income.

As of December 31, 2017 and 2016, the present value of the post retirement benefits payable by us to the covered employees was estimated to be \$2,891 and \$2,174, respectively, and is included in accrued interest payable and other liabilities. The periodic policy maintenance costs were \$31, \$(8), and \$71 for 2017, 2016, and 2015, respectively, and are included in other noninterest expenses.

ACQUISITION INTANGIBLES AND GOODWILL: We previously acquired branch facilities and related deposits in business combinations accounted for as a purchase. The acquisitions included amounts related to the valuation of customer deposit relationships (core deposit intangibles). Core deposit intangibles arising from acquisitions are included in goodwill and other intangible assets are being amortized over their estimated lives and evaluated for potential impairment on at least an annual basis. Goodwill, which represents the excess of the purchase price over identifiable assets, is not amortized but is evaluated for impairment on at least an annual basis. Acquisition intangibles and goodwill are typically qualitatively evaluated to determine if it is more likely than not that the carrying balance is impaired. If it is determined that the carrying balance is more likely than not to be impaired, we perform a cash flow valuation to determine the extent of the potential impairment. This valuation method requires a significant degree of our judgment. In the event the projected undiscounted net operating cash flows for these intangible assets are less than the carrying value, the asset is recorded at fair value as determined by the valuation model.

OFF BALANCE SHEET CREDIT RELATED FINANCIAL INSTRUMENTS: In the ordinary course of business, we have entered into commitments to extend credit, including commitments under credit card arrangements, home equity lines of credit, commercial letters of credit, and standby letters of credit. Such financial instruments are recorded only when funded.

FEDERAL INCOME TAXES: Deferred income tax assets and liabilities are determined using the liability (or balance sheet) method. Under this method, the net deferred tax assets or liability is determined based on the tax effects of the temporary differences between the book and tax basis on the various balance sheet assets and liabilities and gives current recognition to changes in tax rates and laws. Valuation allowances are established, where necessary, to reduce deferred tax assets to the amount expected to be realized. Income tax expense is the tax payable or refundable for the year plus or minus the change during the year in deferred tax assets and liabilities.

On December 22, 2017, the Tax Cuts and Jobs Act was enacted. The new law establishes a flat corporate federal statutory income tax rate of 21%. In accordance with ASC 740, Income Taxes, the effect of income tax law changes on deferred taxes should be recognized as a component of income tax expense related to continuing operations in the period in which the law is enacted. As such, federal income tax expense for the year ended December 31, 2017 reflects the effect of the tax rate change on net deferred tax assets and liabilities.

We analyze our filing positions in the jurisdictions where we are required to file income tax returns, as well as all open tax years in these jurisdictions. We also treat interest and penalties attributable to income taxes, to the extent they arise, as a component of our noninterest expenses.

DEFINED BENEFIT PENSION PLAN: We maintain a noncontributory defined benefit pension plan, which was curtailed effective March 1, 2007. The service cost component of the defined benefit pension plan is included in "compensation and benefits" on the consolidated statements of income and are funded consistent with the requirements of federal laws and regulations. All other costs related to the defined benefit pension plan are included in "other" noninterest expenses on the consolidated statements of income. The current benefit obligation is included in "accrued interest payable and other liabilities" on the consolidated balance sheets. Inherent in the determination of defined benefit pension costs are assumptions concerning future events that will affect the amount and timing of required benefit payments under the plan. These assumptions include demographic assumptions such as mortality, a discount rate used to determine the current benefit obligation and a long-term expected rate of return on plan assets. Net periodic benefit cost includes interest cost based on the assumed discount rate, an expected return on plan assets based on an actuarially derived market-related value of assets, and amortization of unrecognized net actuarial gains or losses.

Actuarial gains and losses result from experience different from that assumed and from changes in assumptions (excluding asset gains and losses not yet reflected in market-related value). Amortization of actuarial gains and losses is included as a component of net periodic defined benefit pension cost.

For additional information, see "Note 17 – Benefit Plans."

MARKETING COSTS: Marketing costs are expensed as incurred (see "Note 11 – Other Noninterest Expenses").

RECLASSIFICATIONS: Certain amounts reported in the 2016 and 2015 consolidated financial statements have been reclassified to conform with the 2017 presentation.

Note 2 - Computation of Earnings Per Common Share

Basic earnings per common share represents income available to common shareholders divided by the weighted average number of common shares outstanding during the period. Diluted earnings per common share reflects additional common shares that would have been outstanding if dilutive potential common shares had been issued. Potential common shares that may be issued relate solely to outstanding shares in the Directors Plan, see "Note 17 – Benefit Plans."

Earnings per common share have been computed based on the following:

	2017	2016	2015
Average number of common shares outstanding for basic calculation	7,841,451	7,813,739	7,775,988
Average potential effect of common shares in the Directors Plan (1)	192,286	185,611	177,988
Average number of common shares outstanding used to calculate diluted earnings per common share	8,033,737	7,999,350	7,953,976
Net income	\$ 13,237	\$ 13,799	\$15,130
Earnings per common share			
Basic	\$ 1.69	\$ 1.77	\$ 1.95
Diluted	\$ 1.65	\$ 1.73	\$ 1.90
(1) Exclusive of shares held in the Rabbi Trust			

⁽¹⁾ Exclusive of shares held in the Rabbi Trust

Note 3 – Accounting Standards Updates

Recently Adopted Accounting Standards Updates

ASU No. 2017-07: "Compensation - Retirement Benefits (Topic 715): Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Benefit Cost"

In March 2017, ASU 2017-07 was issued and sets forth requirements related to the disclosure of costs related to defined benefit pension plans, other postretirement benefit plans, or other types of benefits accounted for under Topic 715. Specifically, the amendments require that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. The other components of net benefit cost are required to be presented in the income statement separately from the service cost component. If a separate line item or items are used to present the other components of net benefit cost, that line item or items must be appropriately described. If a separate line item or items are not used, the line item or items used in the income statement to present the other components of net benefit cost.

The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2017 with early adoption permitted. We elected to early adopt the new authoritative guidance and have disclosed costs related to our plans in accordance with the new authoritative guidance. As a result, interest and fees related to our retirement plans are now disclosed separately from service costs which are included in total compensation and benefits. Interest and fees related to retirement plans in 2017, 2016 and 2015 were \$515, \$312, and \$638, respectively, and are included in other noninterest expenses on the consolidated statements of income.

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

In February 2018, ASU 2018-02 was issued which provided guidance related to "stranded" deferred tax amounts in accumulated other comprehensive income resulting from the tax effects of the recently enacted Tax Cuts and Jobs Act. For the stranded tax effects, this update allows for a reclassification from accumulated other comprehensive income to retained earnings to eliminate the stranded tax effects.

The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2018 with early adoption permitted. We elected to early adopt the new authoritative guidance to eliminate the stranded tax effects on each AOCI component. As a result of this guidance, we reclassified \$367 from AOCI to retained earnings as of December 31, 2017. For additional information, see "Note 18 – Accumulated Other Comprehensive Income (Loss)."

Pending Accounting Standards Updates

ASU No. 2014-09: "Revenue from Contracts with Customers"

In May 2014, ASU No. 2014-09 created new Topic 606 to provide a common revenue standard to achieve consistency and clarification to the revenue recognition principles. The guidance outlines steps to achieve the core principle which states that an entity should recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. These steps consist of: (1) identify the contract(s) with a customer, (2) identify the performance obligations in the contract, (3) determine the transaction price, (4) allocate the transaction price to the performance obligations in the contract, and (5) recognize revenue when (or as) the entity satisfies a performance obligation.

The new authoritative guidance, as amended, is effective on January 1, 2018. The majority of our income, as well as that of the vast majority of financial institutions, is excluded from this guidance. We reviewed our contracts related to trust and investment services and those related to other noninterest income to determine if changes in income recognition were required as a result of this guidance. Implementation of this guidance is not expected to have a significant impact on our operating results.

ASU No. 2016-01: "Financial Instruments - Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Liabilities"

In January 2016, ASU No. 2016-01 sets forth the following: 1) requires equity investments, with certain exceptions, to be measured at fair value with changes in fair value recognized in net income; 2) simplifies the impairment assessment of equity investments without readily determinable fair values by requiring a qualitative assessment to identify impairment and requiring measurement of the investment at fair value when an impairment exists; 3) for public entities, eliminates the requirement to disclose the method(s) and significant assumptions used to estimate the fair value that is required to be disclosed for financial instruments measured at amortized cost on the balance sheet; 4) for public entities, requires the use of exit price notion when measuring the fair value of financial instruments for disclosure purposes; 5) requires an entity to present separately in other comprehensive income, the portion of the total change in the fair value of a liability resulting from a change in the instrument-specific credit risk when the entity has elected to measure the liability at fair value in accordance with the fair value option for financial instruments; 6) requires separate presentation of financial assets and financial liabilities by measurement category and form of financial asset on the balance sheet or the accompanying notes to the financial statements; and 7) clarifies that an entity should evaluate the need for a valuation allowance on a deferred tax asset related to available-for-sale securities in combination with the entity's other deferred tax assets.

The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2017. As a result of this guidance, the change in the fair value of equity investments will be required to be recorded in net income beginning on January 1, 2018. The impact on our operations or financial statement disclosures will depend on the fair value of these investments at their next measurement date.

In February 2018, ASU No. 2018-03: "Technical Corrections and Improvements to Financial Instruments - Overall (Subtopic 825-10: Recognition and Measurement of Financial Assets and Financial Liabilities" was issued. This update sets forth correction or improvement amendments for specific issues that may arise within the scope of ASU 2016-01. These amendments follow ASU 2016-01 in regards to effective dates and are not believed to have a significant impact on our initial assessment of ASU 2016-01 as it relates to the impact on our operations or financial statement disclosures.

ASU No. 2016-02: "Leases (Topic 842)"

In February 2016, ASU No. 2016-02 was issued to create Topic 842 - Leases which will require recognition of lease assets and lease liabilities on the balance sheet for leases previously classified as operating leases. Accounting guidance is set forth for both lessee and lessor accounting. Under lessee accounting, a lessee should recognize in the statement of financial position a liability to make lease payments (the lease liability) and a right-of-use asset representing its right to use the underlying asset for the lease term.

For finance leases, a lessee is required to do the following: 1) recognize a right-of-use asset and a lease liability, initially measured at the present value of the lease payments, in the statement of financial position; 2) recognize interest on the lease liability separately from amortization of the right-of-use asset in the statement of comprehensive

income; and 3) classify repayments of the principal portion of the lease liability within financing activities and payments of interest on the lease liability and variable lease payments within operating activities in the statement of cash flows. For operating leases, a lessee is required to do the following: 1) recognize a right-of-use asset and a lease liability, initially measured at the present value of the lease payments, in the statement of financial position; 2) recognize a single lease cost, calculated so that the cost of the lease is

allocated over the lease term on a generally straight-line basis; and 3) classify all cash payments within operating activities in the statement of cash flows.

The accounting applied by a lessor is largely unchanged from that applied under previous GAAP. The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2018. We have and will continue to review our lease agreements to determine the appropriate treatment under this guidance. We do not expect these changes to have a significant impact on our operating results or financial statement disclosures. ASU No. 2016-13: "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments"

In June 2016, ASU No. 2016-13 updated the measurement for credit losses for AFS debt securities and assets measured at amortized cost which include loans, trade receivables, and any other financial assets with the contractual right to receive cash. Current GAAP requires an "incurred loss" methodology for recognizing credit losses that delays recognition until it is probable a loss has been incurred. Under the incurred loss approach, entities are limited to a probable initial recognition threshold when credit losses are measured under GAAP; an entity generally only considers past events and current conditions in measuring the incurred loss.

Under the new guidance, the incurred loss impairment methodology in current GAAP is replaced with a methodology that reflects current expected credit losses (CECL). This methodology requires consideration of a broader range of reasonable and supportable information to calculate credit loss estimates. The measurement of expected credit losses is based on relevant information about past events, including historical experience, current conditions, and reasonable and supportable forecasts that affect the collectability of the reported amount. An entity must use judgment in determining the relevant information and estimation methods that are appropriate in its circumstances which applies to assets measured either collectively or individually.

The update allows an entity to revert to historical loss information that is reflective of the contractual term (considering the effect of prepayments) for periods that are beyond the time frame for which the entity is able to develop reasonable and supportable forecasts. In addition, the disclosures of credit quality indicators in relation to the amortized cost of financing receivables, a current disclosure requirement, are further disaggregated by year of origination (or vintage). The vintage information will be useful for financial statement users to better assess changes in underwriting standards and credit quality trends in asset portfolios over time and the effect of those changes on credit losses.

Overall, the update will allow entities the ability to measure expected credit losses without the restriction of incurred or probable losses that exist under current GAAP. For users of the financial statements, the update provides decision-useful information about the expected credit losses on financial instruments and other commitments to extend credit held by a reporting entity at each reporting date. The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2019 and is expected to have a significant impact on our operations and financial statement disclosures as well as that of the banking industry as a whole.

We have invested a considerable amount of effort toward this guidance and will continue to invest considerable effort until its effective date. A committee was formed to develop a road map to implementation. This committee will monitor progress to ensure timely and accurate adoption of the guidance. We began work around the identification and collection of required borrower and loan level data. We recognize that quality data is key to properly identify loan segments and then apply the most appropriate methodology to each segment. We anticipate a significant amount of progress during 2018 to position ourselves to be able to run parallel models during 2019. This will allow us to solidify our methodology for implementation in 2020.

ASU No. 2017-09: "Compensation - Stock Compensation (Topic 718): Scope of Modification Accounting" In May 2017, ASU No. 2017-09 provided guidance about which changes to the terms or conditions of a share-based payment award require an entity to apply modification accounting under Topic 718. The current disclosure requirements in Topic 718 apply regardless of whether an entity is required to apply modification accounting under the amendments in this update. An entity should account for the effects of a modification unless all of the following are met:

1. The fair value (or calculated value or intrinsic value, if such an alternative measurement method is used) of the modified award is the same as the fair value (or calculated value or intrinsic value, if such an alternative measurement

method is used) of the original award immediately before the original award is modified. If the modification does not affect any of the inputs to the valuation technique that the entity uses to value the award, the entity is not required to estimate the value immediately before and after the modification.

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2. The vesting conditions of the modified award are the same as the vesting conditions of the original award immediately before the original award is modified.

3. The classification of the modified award as an equity instrument or a liability instrument is the same as the classification of the original award immediately before the original award is modified.

The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2017 and is not expected to have a significant impact on our operating results or financial statement disclosures.

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

In August 2017, ASU No. 2017-12 was issued to improve financial reporting of hedging activities to better portray the economic results of an entity's risk management activities. The update provides changes to both the designation and measurement guidance for qualifying hedging relationships and the presentation of hedge results.

The update addresses current GAAP designation limitations by permitting three hedge accounting options for risk components in hedging relationships involving nonfinancial risk and interest rate risk. The amendments in this update provide further revisions to the current limitations on designation in a fair value hedge of interest rate risk.

Specifically, the update changes the guidance for designating fair value hedges of interest rate risk and for measuring the change in fair value of the hedged item in fair value hedges of interest rate risk by providing four permissible accounting treatments.

In addition to the amendments to the designation and measurement guidance for qualifying hedging relationships, the amendments in this update also align the recognition and presentation of the effects of the hedging instrument and the hedged item in the financial statements. The update provides requirements for the recognition and presentation for qualifying hedges.

Lastly, the guidance within this update provides exclusions from the hedge effectiveness assessment and five other targeted improvements to current guidance also related to the assessment of hedge effectiveness. Excluding option premiums and forward points will still be permissible under the new guidance. The new authoritative guidance is effective for interim and annual periods beginning after December 15, 2018 and is not expected to have a significant impact on our operating results or financial statement disclosures.

Note 4 – AFS Securities

The amortized cost and fair value of AFS securities, with gross unrealized gains and losses, are as follows as of December 31:

	2017			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Government sponsored enterprises	\$217	\$ —	\$ 1	\$216
States and political subdivisions	204,131	4,486	143	208,474
Auction rate money market preferred	3,200	—	151	3,049
Preferred stocks	3,800		223	3,577
Mortgage-backed securities	210,757	390	2,350	208,797
Collateralized mortgage obligations	129,607	160	1,573	128,194
Total	\$551,712	\$ 5,036	\$ 4,441	\$552,307
	2016			
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value
Government sponsored enterprises	\$10,258	\$ 3	\$ 2	\$10,259
States and political subdivisions	208,977	4,262	320	212,919
Auction rate money market preferred	3,200		406	2,794
Preferred stocks	3,800		375	3,425
Mortgage-backed securities	229,593	581	2,918	227,256

Explanation of Responses:

Collateralized mortgage obligations 10	01,820 600	977	101,443
Total \$5	557,648 \$ 5,446	\$ 4,998	\$558,096

The amortized cost and fair value of AFS securities by contractual maturity at December 31, 2017 are as follows: Maturing

	Maturing	5				
	Due in One Year or Less	After One Year But Within Five Years	After Five Years But Within Ten Years	After Ten Years	Securities with Variable Monthly Payments or Noncontractual Maturities	Total
Government sponsored enterprises	\$—	\$ 217	\$—	\$—	\$ —	\$217
States and political subdivisions	25,655	73,498	71,611	33,367	—	204,131
Auction rate money market preferred				_	3,200	3,200
Preferred stocks				_	3,800	3,800
Mortgage-backed securities				_	210,757	210,757
Collateralized mortgage obligations		_	—	—	129,607	129,607
Total amortized cost	\$25,655	\$ 73,715	\$71,611	\$ 33,367	\$ 347,364	\$551,712
Fair value	\$25,709	\$ 74,974	\$73,649	\$ 34,358	\$ 343,617	\$552,307

Expected maturities for government sponsored enterprises and states and political subdivisions may differ from contractual maturities because issuers may have the right to call or prepay obligations.

As the auction rate money market preferred and preferred stocks have continual call dates, they are not reported by a specific maturity group. Because of their variable monthly payments, mortgage-backed securities and collateralized mortgage obligations are not reported by a specific maturity group.

A summary of the sales activity of AFS securities was as follows during the years ended December 31:

	2017	2016	2015
Proceeds from sales of AFS securities	\$12,827	\$35,664	\$1,319
Gross realized gains (losses)	\$142	\$245	\$163
Applicable income tax expense (benefit)	\$48	\$83	\$55

The following information pertains to AFS securities with gross unrealized losses at December 31 aggregated by investment category and length of time that individual securities have been in a continuous loss position.

2017				
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	Less Than Twelve Moetines Mon			onths or More		
	Gross	Fair	Gross	Fair	Total	
	Unreali	Fair zed Value	Unrealized	¹ Value	Unrealized	
	Losses	value	Losses	value	Losses	
Government sponsored enterprises	\$1	\$216	\$ —	\$ —	\$ 1	
States and political subdivisions	142	16,139	1	188	143	
Auction rate money market preferred			151	3,049	151	
Preferred stocks			223	3,577	223	
Mortgage-backed securities	454	72,007	1,896	76,065	2,350	
Collateralized mortgage obligations	701	76,435	872	25,308	1,573	
Total	\$1,298	\$164,797	\$ 3,143	\$ 108,187	\$ 4,441	
Number of securities in an unrealized loss position:		81		26	107	

	2016					
	Less Th	Less Than Twelve Totoeths Months or More				
	Gross	Fair	Gross	Fair	Total	
	Unreali	zed.	Unrealized	Value	Unrealized	
	Losses	Value	Losses	value	Losses	
Government sponsored enterprises	\$2	\$9,936	\$ —	\$ —	\$ 2	
States and political subdivisions	311	21,800	9	355	320	
Auction rate money market preferred			406	2,794	406	
Preferred stocks			375	3,425	375	
Mortgage-backed securities	2,918	175,212			2,918	
Collateralized mortgage obligations	628	51,466	349	11,381	977	
Total	\$3,859	\$258,414	\$ 1,139	\$ 17,955	\$ 4,998	
Number of securities in an unrealized loss position:		104		9	113	

As of December 31, 2017 and 2016, we conducted an analysis to determine whether any securities currently in an unrealized loss position, should be other-than-temporarily impaired. Such analyses considered, among other factors, the following criteria:

Has the value of the investment declined more than what is deemed to be reasonable based on a risk and maturity adjusted discount rate?

Is the investment credit rating below investment grade?

Is it probable the issuer will be unable to pay the amount when due?

Is it more likely than not that we will have to sell the security before recovery of its cost basis?

Has the duration of the investment been extended?

During the fourth quarter of 2016, we identified one municipal bond as other-than-temporarily impaired. While management estimated the OTTI to be realized, we also engaged the services of an independent investment valuation firm to estimate the amount of impairment as of December 31, 2016. The valuation calculated the estimated market value utilizing two different approaches:

1) Market - Appraisal and Comparable Investments

2) Income - Discounted Cash Flow Method

The two methods were then weighted, with a higher weighting applied to the Market approach, to determine the estimated impairment. As a result of this analysis, we recognized an OTTI of \$770 in earnings for the year ended December 31, 2016. Based on analysis of the bond, there was no additional OTTI recognized as of December 31, 2017. The following table provides a roll-forward of credit related impairment recorded in earnings for the years ended December 31:

	2017	2016	2015
Balance at beginning of year	\$770	\$—	\$282
Additions to credit losses for which no previous OTTI was recognized		770	
Reductions for credit losses realized on securities sold during the year		—	(282)
Balance at end of year	\$770	\$770	\$—

Based on our analysis which included the criteria outlined above, the fact that we have asserted that we do not have the intent to sell AFS securities in an unrealized loss position, and considering it is unlikely that we will have to sell any AFS securities in an unrealized loss position before recovery of their cost basis, we do not believe that the values of any other AFS securities are other-than-temporarily impaired as of December 31, 2017 and 2016, with the exception of the one municipal bond discussed above.

Note 5 – Loans and ALLL

We grant commercial, agricultural, residential real estate, and consumer loans to customers situated primarily in Clare, Gratiot, Isabella, Mecosta, Midland, Montcalm, and Saginaw counties in Michigan. The ability of the borrowers to honor their repayment obligations is often dependent upon the real estate, agricultural, manufacturing, retail, gaming, tourism, higher education, and general economic conditions of this region. Substantially all of our consumer and residential real estate loans are secured by various items of property, while commercial loans are secured primarily by real estate, business assets, and personal guarantees. A portion of loans are unsecured.

Loans that we have the intent and ability to hold in our portfolio are reported at their outstanding principal balance adjusted for any charge-offs, the ALLL, and any deferred fees or costs. Interest income is accrued over the term of the loan based on the principal amount outstanding. Loan origination fees and certain direct loan origination costs are capitalized and recognized as a component of interest income over the term of the loan using the appropriate yield methods.

The accrual of interest on commercial, agricultural, and residential real estate loans is discontinued at the time the loan is 90 days or more past due unless the credit is well-secured and in the process of collection. Upon transferring the loans to nonaccrual status, we perform an evaluation to determine the net realizable value of the underlying collateral. This evaluation is used to help determine if any charge-offs are necessary. Consumer loans are typically charged-off no later than 180 days past due. Past due status is based on contractual terms of the loan. In all cases, loans are placed on nonaccrual status or charged-off at an earlier date if collection of principal or interest is considered doubtful. For loans that are placed on nonaccrual status or charged-off, all interest accrued in the current calendar year, but not collected, is reversed against interest income while interest accrued in prior calendar years, but not collected, is charged against the ALLL. Loans may be returned to accrual status after six months of continuous performance and achievement of current payment status.

Commercial and agricultural loans include loans for commercial real estate, commercial operating loans, advances to mortgage brokers, farmland and agricultural production, and states and political subdivisions. Repayment of these loans is dependent upon the successful operation and management of a business. We minimize our risk by limiting the amount of direct credit exposure to any one borrower to \$15,000. Borrowers with direct credit needs of more than \$15,000 are serviced through the use of loan participations with other commercial banks. Commercial and agricultural real estate loans commonly require loan-to-value limits of 80% or less. Depending upon the type of loan, past credit history, and current operating results, we may require the borrower to pledge accounts receivable, inventory, and property and equipment. Personal guarantees are generally required from the owners of closely held corporations, partnerships, and sole proprietorships. In addition, we require annual financial statements, prepare cash flow analyses, and review credit reports.

We entered into a mortgage purchase program in 2016 with a financial institution where we participate in advances to mortgage brokers ("advances"). The mortgage brokers originate residential mortgage loans with the intent to sell them on the secondary market. We participate in the advance to the mortgage broker, which is secured by the underlying mortgage loan, until it is ultimately sold on the secondary market. As such, the average life of each participated advance is approximately 20-30 days. Funds from the sale of the loan are used to payoff our participation in the advance to the mortgage broker. We classify these advances as commercial loans and include the outstanding balance in commercial loans on our balance sheet. Under the participation agreement, we committed to a maximum outstanding aggregate amount of \$30,000. The difference between our outstanding balances and the maximum outstanding aggregate amount is classified as "Unfunded commitments under lines of credit" in the "Contractual Obligations and Loan Commitments" section of the Management's Discussion and Analysis of Financial Condition and Results of Operations of this report.

We offer adjustable rate mortgages, construction loans, and fixed rate residential real estate loans which have amortization periods up to a maximum of 30 years. We consider the anticipated direction of interest rates, balance sheet duration, the sensitivity of our balance sheet to changes in interest rates, and overall loan demand to determine whether or not to sell fixed rate loans to Freddie Mac.

Our lending policies generally limit the maximum loan-to-value ratio on residential real estate loans to 100% of the lower of the appraised value of the property or the purchase price. Private mortgage insurance is typically required on

loans with loan-to-value ratios in excess of 80% unless the loan qualifies for government guarantees. Underwriting criteria for residential real estate loans generally include: Evaluation of the borrower's ability to make monthly payments. Evaluation of the value of the property securing the loan.

Ensuring the payment of principal, interest, taxes, and hazard insurance does not exceed 28% of a borrower's gross income.

Ensuring all debt servicing does not exceed 40% of income.

Verification of acceptable credit reports.

Verification of employment, income, and financial information.

Appraisals are performed by independent appraisers and reviewed for appropriateness. All mortgage loan requests are reviewed by our mortgage loan committee or through a secondary market underwriting system; loans in excess of \$500 require the approval of our Internal Loan Committee, the Executive Loan Committee, the Board of Directors' Loan Committee, or the Board of Directors.

Consumer loans include secured and unsecured personal loans. Loans are amortized for a period of up to 15 years based on the age and value of the underlying collateral. The underwriting emphasis is on a borrower's perceived intent and ability to pay rather than collateral value. No consumer loans are sold to the secondary market.

The ALLL is established as losses are estimated to have occurred through a provision for loan losses charged to earnings. Loan losses are charged against the ALLL when we believe the uncollectability of the loan balance is confirmed. Subsequent recoveries, if any, are credited to the ALLL.

The appropriateness of the ALLL is evaluated on a quarterly basis and is based upon a periodic review of the collectability of the loans in light of historical experience, the nature and volume of the loan portfolio, adverse situations that may affect the borrower's ability to repay, estimated value of any underlying collateral, and prevailing economic conditions. This evaluation is inherently subjective as it requires estimates that are susceptible to significant revision as more information becomes available.

The primary factors behind the determination of the level of the ALLL are specific allocations for impaired loans, historical loss percentages, as well as unallocated components. Specific allocations for impaired loans are primarily determined based on the difference between the loan's outstanding balance and 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, less cost to sell. Historical loss allocations are calculated at the loan class and segment levels based on a migration analysis of the loan portfolio, with the exception of advances to mortgage brokers, over the preceding five years. With no historical losses on advances to mortgage brokers, there is no allocation in the commercial segment displayed in the following tables based on historical loss factors. The unallocated component of the allowance reflects the margin of imprecision inherent in the underlying assumptions used in the methodologies for estimating specific and general losses in the portfolio.

A summary of changes in the ALLL and the recorded investment in loans by segments follows:

	Allowance for Loan Losses								
	Year En	Year Ended December 31, 2017							
	Comme	•cAndricultural	Residential Real Estate	Consumer	Unallocated	Total			
January 1, 2017	\$1,814	\$ 884	\$ 2,664	\$ 624	\$ 1,414	\$7,400			
Charge-offs	(265)		(200)	(306)		(771)			
Recoveries	453		206	159		818			
Provision for loan losses	(296)	(273)	(107)	423	506	253			
December 31, 2017	\$1,706	\$ 611	\$ 2,563	\$ 900	\$ 1,920	\$7,700			
	Allowan	ce for Loan L	Losses						
	Year Ended December 31, 2016								
	Commerc Agricultural Residential Real Estate			Consumer	Unallocated	Total			
January 1, 2016	\$2,171	\$ 329	\$ 3,330	\$ 522	\$ 1,048	\$7,400			
Charge-offs	(57)		(574)	(285)		(916)			
Recoveries	448	92	287	224	_	1,051			
Provision for loan losses	(748)	463	(379)	163	366	(135)			
December 31, 2016	\$1,814	\$ 884	\$ 2,664	\$ 624	\$ 1,414	\$7,400			

Explanation of Responses:

	Allowance for Loan Losses and Recorded Investment in Loans As of December 31, 2017					
	Commerce	i A gricultural	Residential Real Estate	Consumer	Unallocated	Total
ALLL						
Individually evaluated for impairment		\$—	\$ 1,480	\$ —	\$ —	\$2,130
Collectively evaluated for impairment	1,056	611	1,083	900	1,920	5,570
Total	\$1,706	\$ 611	\$ 2,563	\$ 900	\$ 1,920	\$7,700
Loans						
Individually evaluated for impairment	\$8,099	\$ 10,598	\$ 7,939	\$17		\$26,653
Collectively evaluated for impairment	626,660	117,671	264,429	56,106		1,064,866
Total	\$634,759	\$ 128,269	\$ 272,368	\$ 56,123		\$1,091,519
	Allowance for Loan Losses and Recorded Investment in Loans					
	As of Dec	ember 31, 20	16			
	Commercialgricultural Residential Real Estate			Consumer	Unallocated	Total
ALLL						
Individually evaluated for impairment	\$741	\$ 1	\$ 1,629	\$ —	\$ —	\$2,371
Collectively evaluated for impairment	1,073	883	1,035	624	1,414	5,029
Total	\$1,814	\$ 884	\$ 2,664	\$ 624	\$ 1,414	\$7,400
Loans						
Individually evaluated for impairment	\$7,859	\$ 5,545	\$ 8,638	\$ 26		\$22,068
Collectively evaluated for impairment	565 005	100.047	057 410	40.000		000 517
Conectively evaluated for impairment	567,805	120,947	257,412	42,383		988,547
	567 805					

The following table displays the credit quality indicators for commercial and agricultural credit exposures based on internally assigned credit risk ratings as of December 31: 2017

	2017							
	Commerc	ial			Agricult	ıral		
	Real Estat	other	Advances to Mortgage Brokers	Total	Real Esta	a O ther	Total	Total
Rating								
1 - Excellent	\$24	\$316	\$ —	\$340	\$—	\$34	\$34	\$374
2 - High quality	8,402	12,262		20,664	2,909	1,024	3,933	24,597
3 - High satisfactory	131,826	46,668	12,081	190,575	21,072	8,867	29,939	220,514
4 - Low satisfactory	326,166	75,591		401,757	47,835	18,467	66,302	468,059
5 - Special mention	8,986	3,889		12,875	10,493	8,546	19,039	31,914
6 - Substandard	5,521	2,298		7,819	5,377	2,747	8,124	15,943
7 - Vulnerable	729			729	479	419	898	1,627
8 - Doubtful					_	_		_
Total	\$481,654	\$141,024	\$ 12,081	\$634,759	\$88,165	\$40,104	\$128,269	\$763,028
59								

	2016 Commerc	ial			Agricult	ural			
	Real Esta	teOther	Advances to Mortgage Brokers	Total	Real Est	a@ther	Total	Total	
Rating									
1 - Excellent	\$28	\$438	\$ —	\$466	\$—	\$—	\$—	\$466	
2 - High quality	11,821	12,091	19,688	43,600	3,566	1,426	4,992	48,592	
3 - High satisfactory	103,529	41,982	—	145,511	21,657	11,388	33,045	178,556	
4 - Low satisfactory	299,317	74,432	_	373,749	48,955	22,715	71,670	445,419	
5 - Special mention	3,781	1,178	_	4,959	6,009	3,085	9,094	14,053	
6 - Substandard	5,901	1,474	_	7,375	3,650	3,508	7,158	14,533	
7 - Vulnerable	4		_	4		533	533	537	
8 - Doubtful		_	_	_	_	_			

\$424,381 \$131,595 \$19,688 \$575,664 \$83,837 \$42,655 \$126,492 \$702,156

Internally assigned credit risk ratings are reviewed, at a minimum, when loans are renewed or when management has knowledge of improvements or deterioration of the credit quality of individual credits. Descriptions of the internally assigned credit risk ratings for commercial and agricultural loans are as follows:

1. EXCELLENT – Substantially Risk Free

Credit has strong financial condition and solid earnings history, characterized by:

- High liquidity, strong cash flow, low
- leverage.

Total

- Unquestioned ability to meet all obligations
- when due.

Experienced management, with management succession in place.

Secured by cash.

2. HIGH QUALITY – Limited Risk

Credit with sound financial condition and a positive trend in earnings supplemented by:

Favorable liquidity and leverage ratios.

Ability to meet all obligations when due.

Management with successful track record.

Steady and satisfactory earnings history.

If loan is secured, collateral is of high quality and readily marketable.

Access to alternative financing.

Well defined primary and secondary source of repayment.

If supported by guaranty, the financial strength and liquidity of the guarantor(s) are clearly evident.

3. HIGH SATISFACTORY – Reasonable Risk

Credit with satisfactory financial condition and further characterized by:

Working capital adequate to support operations.

Cash flow sufficient to pay debts as scheduled.

Management experience and depth appear favorable.

Loan performing according to terms.

If loan is secured, collateral is acceptable and loan is fully protected.

4. LOW SATISFACTORY – Acceptable Risk

Credit with bankable risks, although some signs of weaknesses are shown:

Would include most start-up businesses.

Occasional instances of trade slowness or repayment delinquency – may have been 10-30 days slow within the past year.

Management's abilities are apparent, yet unproven.

Weakness in primary source of repayment with adequate secondary source of repayment.

- Loan structure generally in accordance with
- policy.

If secured, loan collateral coverage is marginal.

Adequate cash flow to service debt, but coverage is low.

To be classified as less than satisfactory, only one of the following criteria must be met.

5. SPECIAL MENTION – Criticized

Credit constitutes 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 constitute an unwarranted risk in light of the circumstances surrounding a specific loan:

Downward trend in sales, profit levels, and margins.

Impaired working capital position.

Cash flow is strained in order to meet debt repayment.

Loan delinquency (30-60 days) and overdrafts may occur.

Shrinking equity

cushion.

Diminishing primary source of repayment and questionable secondary source.

Management abilities are questionable.

Weak industry conditions.

Litigation pending against the borrower.

Collateral or guaranty offers limited protection.

Negative debt service coverage, however the credit is well collateralized and payments are current.

6. SUBSTANDARD - Classified

Credit where the borrower's current net worth, paying capacity, and value of the collateral pledged is inadequate. There is a distinct possibility that we will implement collection procedures if the loan deficiencies are not corrected. In addition, the following characteristics may apply:

Sustained losses have severely eroded the equity and cash flow.

Deteriorating liquidity.

Serious management problems or internal fraud.

Original repayment terms liberalized.

Likelihood of bankruptcy.

Inability to access other funding sources.

Reliance on secondary source of repayment.

Litigation filed against borrower.

Collateral provides little or no value.

Requires excessive attention of the loan officer.

Borrower is uncooperative with loan officer.

7. VULNERABLE – Classified

Credit is considered "Substandard" and warrants placing on nonaccrual status. Risk of loss is being evaluated and exit strategy options are under review. Other characteristics that may apply:

Insufficient cash flow to service debt.

Minimal or no payments being received.

Limited options available to avoid the collection process.

Transition status, expect action will take place to collect loan without immediate progress being made.

8. DOUBTFUL - Workout

Credit has all the weaknesses inherent in a "Substandard" loan with the added characteristic that collection and/or liquidation is pending. The possibility of a loss is extremely high, but its classification as a loss is deferred until liquidation procedures are completed, or reasonably estimable. Other characteristics that may apply:

Normal operations are severely diminished or have ceased.

Seriously impaired cash flow.

Original repayment terms materially altered.

Secondary source of repayment is inadequate.

Survivability as a "going concern" is impossible.

Collection process has begun.

Bankruptcy petition has been filed.

Judgments have been filed.

Portion of the loan balance has been charged-off.

Our primary credit quality indicator for residential real estate and consumer loans is the individual loan's past due aging. The following tables summarize the past due and current loans as of December 31:

2017								
Accruit	ng Inter	rest		Total Past Due				
and Pas	st Due:							
30-59	60-89	90 Days	NT 1	and	ind			
Days	Days	or More	Nonaccruai	Nonaccrual	Current	Total		
·	•							
\$295	\$325	\$ 54	\$ 729	\$ 1,403	\$480,251	\$481,654		
1,069	28	18		1,115	139,909	141,024		
s —				—	12,081	12,081		
1,364	353	72	729	2,518	632,241	634,759		
84	190		1,531	1,805	86,360	88,165		
39		104	419	562	39,542	40,104		
123	190	104	1,950	2,367	125,902	128,269		
3,718	234	132	325	4,409	225,007	229,416		
69	10		23	102	6,812	6,914		
293		77		370	35,668	36,038		
4,080	244	209	348	4,881	267,487	272,368		
37	10	10		57	52,005	52,062		
13				13	4,048	4,061		
50	10	10	—	70	56,053	56,123		
\$5,617	\$797	\$ 395	\$ 3,027	\$ 9,836	\$1,081,683	\$1,091,519		
	Accruin and Pas 30-59 Days \$295 1,069 \$ 1,364 84 39 123 3,718 69 293 4,080 37 13 50	Accruing Inter and Past Due: 30-59 60-89 Days Days \$295 \$325 1,069 28 * 1,364 353 84 190 39 123 190 3,718 234 69 10 293 4,080 244 37 10 13 50 10	Accruing Interest and Past Due: 30-59 60-89 90 Days Days $30-59 60-89 90 \text{ Days}$ Days Days Days $30-59 60-89 90 \text{ Days}$ Days $30-59 60-89 90 \text{ Days}$ Days $325 54 $1,069 28 18$ $5 - - - - - - - - - $	Accruing Interest and Past Due: 30-59 60-89 90 Days Days Nonaccrual $3255 $325 $54 729 1,069 28 18 729 $1,069 28 18 $ $$ $1,364 353 72 729$ $84 190 $ $1,531$ $39 $ $104 419$ $1,950$ $3,718 234 132 325$ $69 10 $ 23 $293 $ $77 $ $4,080 244 209 348$ $37 10 10 $ $$ $$ $50 10 10 $ $$ $$	Accruing Interest and Past Due: $30-59$ DaysFormation MoreTotal Past Due and Nonaccrual $30-59$ Days $60-89$ Days 90 Days or MoreNonaccrual $$295$ $$325$ $$325$ $$1,069$ 28 $$54$ 18 $$729$ $-$ $-$ $1,115$ $$\frac{$295}{-}$ $1,364$ $$353$ 72 $$729$ 729 $$1,403$ $-$ $2,518$ $$84$ 39 123 190 $ -$ $1,531$ $1,950$ $$1,805$ 562 $2,367$ $$3,718$ 293 $-$ $4,080$ 234 244 132 209 325 348 $4,409$ $4,881$ $$37$ 13 50 10 10 $-$ $ 57$ 13 $ -$ $-$ $-$	Accruing Interest and Past Due: $30-59$ $60-89$ $0ays$ 90 Days 		

	2016									
	Accruir	Accruing Interest				Total				
	and Pas	t Due:			Past Due					
	30-59	60-89	90 Days	Nonaccrual	and	Cummont	Total			
	Days	Days	or More	Nonaccruar	Nonaccrual	Current	Total			
Commercial										
Commercial real estate	\$1,580	\$—	\$ 35	\$ 4	\$ 1,619	\$422,762	\$424,381			
Commercial other	1,693	35			1,728	129,867	131,595			
Advances to mortgage brokers						19,688	19,688			
Total commercial	3,273	35	35	4	3,347	572,317	575,664			
Agricultural										
Agricultural real estate	191		508		699	83,138	83,837			
Agricultural other	19			533	552	42,103	42,655			
Total agricultural	210		508	533	1,251	125,241	126,492			
Residential real estate										
Senior liens	1,638	174	22	498	2,332	216,681	219,013			
Junior liens	15			25	40	8,317	8,357			
Home equity lines of credit	270	6	68		344	38,336	38,680			
Total residential real estate	1,923	180	90	523	2,716	263,334	266,050			
Consumer										
Secured	110				110	38,582	38,692			
Unsecured	5	—	—		5	3,712	3,717			
Total consumer	115	—			115	42,294	42,409			
Total	\$5,521	\$215	\$ 633	\$ 1,060	\$ 7,429	\$1,003,186	\$1,010,615			
Immediated Learne										

Impaired Loans

Loans may be classified as impaired if they meet one or more of the following criteria:

1. There has been a charge-off of its principal balance (in whole or in part);

2. The loan has been classified as a TDR; or

3. The loan is in nonaccrual status.

Impairment is measured on a loan-by-loan basis for commercial and agricultural loans by comparing the loan's outstanding balance to 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, less cost to sell, if the loan is collateral dependent. Large groups of smaller balance homogeneous loans are collectively evaluated for impairment. Impairment is measured on a loan-by-loan basis for residential real estate and consumer loans by comparing the loan's unpaid principal balance to the present value of expected future cash flows discounted at the loan's effective interest rate.

We do not recognize interest income on impaired loans in nonaccrual status. For impaired loans not classified as nonaccrual, interest income is recognized daily, as earned, according to the terms of the loan agreement and the principal amount outstanding. The following summarizes information pertaining to impaired loans as of, and for the years ended, December 31:

	2017				
	Recorded Balance	Unpaid Principal Balance	Valuation Allowance	Average Recorded Balance	Interest Income Recognized
Impaired loans with a valuation allowance					
Commercial real estate	\$4,089	\$4,378	\$ 626	\$ 4,608	\$ 277
Commercial other	995	995	24	1,427	93
Agricultural real estate	—	—	—	—	—
Agricultural other	—		—	17	—
Residential real estate senior liens	7,816	8,459	1,473	8,296	323
Residential real estate junior liens	44	44	7	71	2
Home equity lines of credit	—		—	23	—
Consumer secured	—		—	—	
Total impaired loans with a valuation allowance	12,944	13,876	2,130	14,442	695
Impaired loans without a valuation allowance					
Commercial real estate	1,791	1,865		1,585	111
Commercial other	1,224	1,224		246	23
Agricultural real estate	7,913	7,913		6,421	307
Agricultural other	2,685	2,685		2,494	126
Home equity lines of credit	79	379		106	19
Consumer secured	17	17		21	
Total impaired loans without a valuation allowance	13,709	14,083		10,873	586
Impaired loans					
Commercial	8,099	8,462	650	7,866	504
Agricultural	10,598	10,598	_	8,932	433
Residential real estate	7,939	8,882	1,480	8,496	344
Consumer	17	17	_	21	
Total impaired loans	\$26,653	\$27,959	\$ 2,130	\$ 25,315	\$ 1,281
64					

	2016 Recorded Balance	Princinal	Valuation Allowance	Average Recorded Balance	Interest Income Recognized
Impaired loans with a valuation allowance					
Commercial real estate	\$5,811	\$ 5,992	\$ 716	\$ 5,746	\$ 343
Commercial other	1,358	1,358	25	568	27
Agricultural real estate		—		91	6
Agricultural other	134	134	1	92	2
Residential real estate senior liens	8,464	9,049	1,615	9,214	362
Residential real estate junior liens	72	82	14	113	3
Home equity lines of credit	—	—	—		
Consumer secured	—	—	—		
Total impaired loans with a valuation allowance	15,839	16,615	2,371	15,824	743
Impaired loans without a valuation allowance					
Commercial real estate	604	617		895	69
Commercial other	86	97		87	8
Agricultural real estate	4,037	4,037		3,515	182
Agricultural other	1,374	1,374		708	42
Home equity lines of credit	102	402		115	16
Consumer secured	26	26		32	3
Total impaired loans without a valuation allowance	6,229	6,553		5,352	320
Impaired loans					
Commercial	7,859	8,064	741	7,296	447
Agricultural	5,545	5,545	1	4,406	232
Residential real estate	8,638	9,533	1,629	9,442	381
Consumer	26	26	_	32	3
Total impaired loans	\$22,068	\$23,168	\$ 2,371	\$21,176	\$ 1,063
		•.1 • •	11 1		

We had committed to advance \$472 and \$117 in connection with impaired loans, which includes TDRs, as of December 31, 2017 and 2016, respectively.

Troubled Debt Restructurings

Loan modifications are considered to be TDRs when the modification includes terms outside of normal lending practices to a borrower who is experiencing financial difficulties.

Typical concessions granted include, but are not limited to:

1. Agreeing to interest rates below prevailing market rates for debt with similar risk characteristics.

2. Extending the amortization period beyond typical lending guidelines for loans with similar risk characteristics.

3. Agreeing to an interest only payment structure and delaying principal payments.

4. Forgiving principal.

5. Forgiving accrued interest.

To determine if a borrower is experiencing financial difficulties, factors we consider include:

1. The borrower is currently in default on any of their debt.

2. The borrower would likely default on any of their debt if the concession was not granted.

3. The borrower's cash flow was insufficient to service all of their debt if the concession was not granted.

4. The borrower has declared, or is in the process of declaring, bankruptcy.

5. The borrower is unlikely to continue as a going concern (if the entity is a business).

The following is a summary of information pertaining to TDRs granted in the years ended December 31:

	2017		2016	
	Nur Pibe rModif	fication Post-Modificatio	n Nur Aber Modification	on Post-Modification
	of Recorded	Recorded	of Recorded	Recorded
	Loalmsvestmen	nt Investment	Loalmsvestment	Investment
Commercial other	6 \$ 1,702	\$ 1,702	6 \$ 2,066	\$ 2,066
Agricultural other	15 6,092	6,092	7 1,610	1,610
Residential real estate				
Senior liens	6 464	464	4 143	143
Junior liens	1 8	8	— —	—
Total residential real estate	e 7 472	472	4 143	143
Consumer unsecured	<u> </u>	—	1 2	2
Total	28 \$ 8,266	\$ 8,266	18 \$ 3,821	\$ 3,821

The following tables summarize concessions we granted to borrowers in financial difficulty in the years ended December 31:

	2017		2016	
		Below Market		Below Market
	Below Market	Interest Rate and	Below Market	Interest Rate and
	Interest Rate	Extension of	Interest Rate	Extension of
		Amortization Period		Amortization Period
	Nur Rhen Modification	Num Ber-Modification	Null Model in Null Model Null Model Null Model Null Model Null Null Null Null Null Null Null Nu	Num Beer-Modification
	of Recorded	of Recorded	ofRecorded	of Recorded
	Loamsvestment	Loanknvestment	Lolansestment	LoanInvestment
Commercial other	— \$ —	6 \$ 1,702	_\$ _	6 \$ 2,066
Agricultural other	11 1,972	4 4,120	2 419	5 1,191
Residential real estate				
Senior liens	<u> </u>	6 464	2 27	2 116
Junior liens	1 8	<u> </u>	<u> </u>	<u> </u>
Total residential real estate	1 8	6 464	2 27	2 116
Consumer unsecured	<u> </u>	<u> </u>	<u> </u>	1 2
Total	12 \$ 1,980	16 \$ 6,286	4 \$ 446	14 \$ 3,375

We did not restructure any loans by forgiving principal or accrued interest during 2017 or 2016.

Based on our historical loss experience, losses associated with TDRs are not significantly different than other impaired loans within the same loan segment. As such, TDRs, including TDRs that have been modified in the past 12 months that subsequently defaulted, are analyzed in the same manner as other impaired loans within their respective loan segment.

We had no loans that defaulted in the years ended December 31, 2017 and 2016, which were modified within 12 months prior to the default date.

The following is a summary of TDR loan balances as of December 31:

2017 2016 TDRs\$26,197 \$21,382

Note 6 – Premises and Equipm				
A summary of premises and eq	uipment a	t Decemb	per 31 follows:	
	2017	2016		
Land	\$6,336	\$6,336		
Buildings and improvements	29,661	28,941		
Furniture and equipment	33,466	33,125		
Total	69,463	68,402		
Less: accumulated depreciation	41,013	39,088		
Premises and equipment, net	\$28,450	\$29,314		
Depreciation expense amounted	d to \$2,90	2, \$2,821	, and \$2,677 in 2017, 2	2016, and 2015, respectively.
Note 7 – Goodwill and Other In	ntangible	Assets		
The carrying amount of goodw	ill was \$4	8,282 at I	December 31, 2017 and	1 2016.
Identifiable intangible assets w	ere as foll	ows as of	December 31:	
			2017	
			Gross	Net
			Intangible	Intangible
			Assets	Assets
Core deposit premium resulting	g from acc	quisitions	\$5,579 \$ 5,314	\$ 265
		-	2016	
			Gross	Net
			Intangible	Intangible
			Assets	Assets

Core deposit premium resulting from acquisitions \$5,579 \$ 5,195 \$ 384 Amortization expense associated with identifiable intangible assets was \$119, \$162, and \$169 in 2017, 2016, and 2015, respectively.

Estimated amortization expense associated with identifiable intangibles for each of the next five years succeeding December 31, 2017, and thereafter is as follows:

Note 8 - Foreclosed Assets

Foreclosed assets are included in other assets in the consolidated balance sheets and consist of other real estate owned and repossessed assets. The following is a summary of foreclosed assets as of December 31:

				2017	2016
Consumer mortgage loans collateralized by residential real estate foreclosed a	as a result of	obtainii	ng	\$103	\$18
physical possession					
All other foreclosed assets				188	213
Total					\$231
There were \$0 and \$18 consumer mortgage loans collateralized by residential	real estate 11	n the pro	ocess of to	oreclo	sure
as of December 31, 2017 and 2016.	1 01				
Below is a summary of changes in foreclosed assets during the years ended D	ecember 31:				
2017 2016					
Balance, January 1 \$231 \$421					
Properties transferred 331 306					
Impairments (2) (10) Presente formation (200)					
Proceeds from sale (269) (486)					
Balance, December 31 \$291 \$231					
Note 9 – Deposits					
Scheduled maturities of time deposits for the next five years, and thereafter, a Scheduled	re as follows				
Maturities					
of Time					
Deposits					
2018 \$ 191,012					
2019 113,153					
2019 113,133					
2021 50,814					
2022 38,843					
Thereafter 21,840					
Total \$453,266					
Interest expense on time deposits greater than \$250 was \$825 in 2017, \$678 in	n 2016 and \$	592 in (2015		
Note $10 - Borrowed$ Funds	1 2010 und ¢	572 m 2	2012.		
Borrowed funds consist of the following obligations at December 31:					
Donowed runes consist of the following congutons at December 91.	2017	,	2016		
	Amount I		Amount	Rate	
FHLB advances	\$290,000				
Securities sold under agreements to repurchase without stated maturity dates).12%		0.13	
Federal funds purchased	· · ·	— % (1.00	
Total	\$344,878				
FHLB advances are collateralized by a blanket lien on all qualified 1-4 family					

FHLB advances are collateralized by a blanket lien on all qualified 1-4 family residential real estate loans, specific AFS securities, and FHLB stock.

The following table lists the maturities and weighted average interest rates of FHLB advances as of December 31:

	2017		2016	
	Amount	Rate	Amount	Rate
Fixed rate due 2017		— %	70,000	1.39%
Fixed rate due 2018	70,000	1.96%	50,000	2.16%
Fixed rate due 2019	85,000	1.87%	60,000	1.99%
Fixed rate due 2020	35,000	1.80%	10,000	1.98%
Fixed rate due 2021	50,000	1.91%	50,000	1.91%
Variable rate due 2021 ¹	10,000	1.72%	10,000	1.21%
Fixed rate due 2022	20,000	1.97%		— %
Fixed rate due 2023	10,000	3.90%	10,000	3.90%
Fixed rate due 2026	10,000	1.17%	10,000	1.17%
Total	\$290,000	1.94%	\$270,000	1.82%

⁽¹⁾ Hedged advance (see "Derivative Instruments" section below)

Securities sold under agreements to repurchase are classified as secured borrowings and are reflected at the amount of cash received in connection with the transaction. The securities underlying the agreements have a carrying value and a fair value of \$54,898 and \$60,918 at December 31, 2017 and 2016, respectively. Such securities remain under our control. We may be required to provide additional collateral based on the fair value of underlying securities. Securities sold under repurchase agreements without stated maturity dates, federal funds purchased, and FRB Discount Window advances generally mature within one to four days from the transaction date. The following table provides a summary of securities sold under repurchase agreements without stated maturity dates, federal funds purchased, federal funds purchased, and FRB Discount.

-		December 31, 2017				Decembe	er 31, 201	6	
		End Balance	Average Balance	Weight Average Interest During Period	e Rate	Maximu Month End Balance	m Average Balance	Weight Averag Interest During Period	e Rate
Securities sold under agreement stated maturity dates	ts to repurchase without	^t \$58,464	\$55,206	0.13	%	\$61,783	\$57,702	0.09	%
Federal funds purchased		5,965	2,726	1.15	%	27,300	8,546	0.60	%
FRB Discount Window			43	1.54	%	_	_	_	%
We had pledged AFS securities	and 1-4 family resident	tial real e	state loans	s in the f	follov	ving amo	unts at De	cember	31:
					2017	7 20	16		
Pledged to secure borrowed fun	nds				\$41	0,988 \$3	63,427		
Pledged to secure repurchase ag	greements				54,8	98 60,	,918		
Pledged for public deposits and	for other purposes nece	essary or	required b	y law	27,9	76 33,	,916		
Total					\$493	3,862 \$4	58,261		
AFS securities pledged to repur	rchase agreements with	out stated	maturity	dates co	nsiste	ed of the f	following	at Decer	mber
31:									

	2017	2016
States and political subdivisions	\$7,332	\$5,676
Mortgage-backed securities	13,199	11,383
Collateralized mortgage obligations	34,367	43,859
Total	\$54,898	\$60,918

AFS securities pledged to repurchase agreements are monitored to ensure the appropriate level is collateralized. In the event of maturities, calls, significant principal repayments, or significant decline in market values, we have adequate levels of AFS securities available to pledge to satisfy required collateral.

As of December 31, 2017, we had the ability to borrow up to an additional \$139,381, based on assets pledged as collateral. We had no investment securities that are restricted to be pledged for specific purposes. Derivative Instruments

We enter into interest rate swaps to manage exposure to interest rate risk and variability in cash flows. The interest rate swaps, associated with our variable rate borrowings, are designated upon inception as cash flow hedges of forecasted interest payments. We enter into LIBOR-based interest rate swaps that involve the receipt of variable amounts in exchange for fixed rate payments, in effect converting variable rate debt to fixed rate debt. Cash flow hedges are assessed for effectiveness using regression analysis. The effective portion of changes in fair value are recorded in OCI and subsequently reclassified into interest expense in the same period in which the related interest on the variable rate borrowings affects earnings. In the event that a portion of the changes in fair value were determined to be ineffective, the ineffective amount would be recorded in earnings.

The following tables provide information on derivatives related to variable rate borrowings as of:

	Decem	ber 31, 2017				
	Pay Rate	Receive Rate	Remaining Life (Years)		Balance Sheet Location	Fair Value
Derivatives designated as hedging instruments						
Cash Flow Hedges:						
Interest rate swaps	1.56%	3-Month LIBOR	3.3	\$10,000	Other Assets	\$ 291
	Decem	ber 31, 2016				
	Pay Rate	Receive Rate	Remaining Life (Years)		Balance Sheet Location	Fair Value
Derivatives designated as hedging instruments						
Cash Flow Hedges:						
Interest rate swaps	1.56%	3-Month LIBOR	4.3	\$10,000	Other Assets	\$ 248
Derivatives contain an element of c			· ·			

counterparty failing to meet its contractual obligations. Credit risk is minimized through counterparty collateral, transaction limits and monitoring procedures. We also manage dealer credit risk by entering into interest rate derivatives only with primary and highly rated counterparties, the use of ISDA master agreements and counterparties limits. We do not anticipate any losses from failure of interest rate derivative counterparties to honor their obligations.

Note 11 - Other Noninterest Expenses

A summary of expenses included in other noninterest expenses is as follows for the years ended December 31:

	2017	2016	2015
ATM and debit card fees	\$1,181	\$887	\$742
Audit and related fees	1,008	944	889
Consulting fees	790	800	487
Director fees	856	851	827
Donations and community relations	657	582	841
FDIC insurance premiums	642	719	813
Marketing costs	568	586	497
Loan underwriting fees	556	535	347
Interest and fees on retirement plans	515	312	638
Education and travel	471	536	343
Printing and supplies	415	391	461
Postage and freight	509	396	381
Legal fees	245	208	295
Amortization of deposit premium	119	162	169
Other losses	71	241	150
OTTI on AFS securities	_	770	
All other	1,441	1,305	1,559
Total other	\$10,044	\$10,225	\$9,439
Note 12 – Federal Income Taxes			

Note 12 – Federal Income Taxes

Components of the consolidated provision for federal income taxes are as follows for the years ended December 31:

	2017	2016	2015
Currently payable	\$180	\$2,630	\$1,596
Deferred expense (benefit)	2,836	(282)	1,692
Income tax expense	\$3,016	\$2,348	\$3,288

In 2017 we implemented tax strategies which resulted in changes to our federal income tax components, as illustrated above. These strategies, which were primarily related to premises and equipment, significantly decreased our taxes currently payable and led to an increase in our level of alternative minimum tax. Changes in these deferred tax components are displayed in the deferred tax assets and liabilities table on the following page.

On December 22, 2017, the Tax Cuts and Jobs Act was enacted. The new law establishes a flat corporate federal statutory income tax rate of 21% and eliminates the corporate alternative minimum tax which will be carried forward and used to reduce future income tax. The new tax law provides for a wide array of changes, only some of which will have a direct impact on our future federal income tax expense. Some of these changes include, but are not limited to, the following items: limits to the deduction for net interest expense; immediate expense (for tax purposes) for certain qualified depreciable assets; elimination or reduction of certain deductions related to meals and entertainment expenses; and limits to the deductibility of deposit insurance premiums.

In accordance with ASC 740, Income Taxes, the effect of income tax law changes on deferred taxes are recognized as a component of income tax expense related to continuing operations in the period in which the law is enacted. As such, federal income tax expense for the year ended December 31, 2017 reflects the effect of the tax rate change on net deferred tax assets and liabilities. This requirement also applies to items initially recognized in other comprehensive income. In January 2018, FASB issued ASU 2018-02 which allowed for the "stranded" tax effects in AOCI to be reclassified to retained earnings rather than income tax expense. We early adopted this guidance and applied this accounting alternative in our consolidated statements of changes in shareholders equity as of December 31, 2017.

The reconciliation of the provision for federal income taxes and the amount computed at the federal statutory tax rate of 34% of income before federal income tax expense is as follows for the year ended December 31:

	2017	2016	2015	
Income taxes at 34% statutory rate	\$5,526	\$5,490	\$6,262	
Effect of nontaxable income				
Interest income on tax exempt municipal securities	(1,889)	(1,938)	(2,026)	
Earnings on corporate owned life insurance policies	(247)	(419)	(262)	
Deferred tax adjustment resulting from the statutory rate reduction pursuant to the Tax Act	319	—	—	
Other	34	(154)	(88)	
Total effect of nontaxable income	(1,783)	(2,511)	(2,376)	
Effect of nondeductible expenses	149	143	157	
Effect of tax credits	(876)	(774)	(755)	
Federal income tax expense	\$3,016	\$2,348	\$3,288	
Deferred income taxes reflect the net tax effects of temporary differences between the carry	ving amoi	ints of as	sets and	

Deferred income taxes reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for federal income tax purposes. Significant components of our deferred tax assets and liabilities, included in other assets in the accompanying consolidated balance sheets, are as follows as of December 31:

	2017	2016
Deferred tax assets		
Allowance for loan losses	\$1,076	\$1,576
Deferred directors' fees	1,758	2,758
Employee benefit plans	70	115
Core deposit premium and acquisition expenses	733	1,157
Net unrecognized actuarial losses on pension plan	857	1,531
Life insurance death benefit payable	497	804
Alternative minimum tax	1,463	717
Other	607	618
Total deferred tax assets	7,061	9,276
Deferred tax liabilities		
Prepaid pension cost	455	809
Premises and equipment	1,728	115
Accretion on securities	40	58
Core deposit premium and acquisition expenses	909	1,403
Net unrealized gains on available-for-sale securities	204	418
Net unrealized gains on derivative instruments	61	84
Other	1,684	1,502
Total deferred tax liabilities	5,081	4,389
Net deferred tax assets	\$1,980	\$4,887
		1

We are subject to U.S. federal income tax; however, we are no longer subject to examination by taxing authorities for years before 2014. There are no material uncertain tax positions requiring recognition in our consolidated financial statements. We do not expect the total amount of unrecognized tax benefits to significantly increase in the next twelve months.

We recognize interest and/or penalties related to income tax matters in income tax expense. We do not have any amounts accrued for interest and penalties at December 31, 2017 and 2016 and we are not aware of any claims for such amounts by federal income tax authorities.

Note 13 - Off-Balance-Sheet Activities

Credit-Related Financial Instruments

We are party to credit related financial instruments with off-balance-sheet risk. These financial instruments are entered into during the normal course of business to meet the financing needs of our customers. These financial instruments, which include commitments to extend credit and standby letters of credit, involve, to varying degrees, elements of credit and IRR in excess of the amounts recognized in the consolidated balance sheets. The contract or notional amounts of these instruments reflect the extent of involvement we have in a particular class of financial instrument. The following table summarizes our credit related financial instruments with off-balance-sheet risk as of:

December 3120172016Unfunded commitments under lines of credit\$184,317\$168,8401,6221,223Commitments to grant loans24,78229,339

Unfunded commitments under lines of credit are commitments for possible future extensions of credit to existing customers. These commitments may expire without being drawn upon and do not necessarily represent future cash requirements. Advances to mortgage brokers are also included in unfunded commitments under lines of credit. The unfunded commitment is the difference between our outstanding balances and maximum outstanding aggregate amount.

Commitments to grant loans are agreements to lend to a customer as long as there is no violation of any condition established in the contract. Commitments generally have fixed expiration dates or other termination clauses and may require payment of a fee. The amount of collateral obtained, if we deem necessary, is based on management's credit evaluation of the customer. Commitments to grant loans include residential mortgage loans with the majority being loans committed to be sold to the secondary market.

Commercial and standby letters of credit are conditional commitments we issued to guarantee the performance of a customer to a third party. Those guarantees are primarily issued to support private borrowing arrangements, including commercial paper, bond financing, and similar transactions. These commitments to extend credit and letters of credit generally mature within one year. The credit risk involved in these transactions is essentially the same as that involved in extending loans to customers. We evaluate each customer's credit worthiness on a case-by-case basis. The amount of collateral obtained, if we deem necessary upon the extension of credit, is based on our credit evaluation of the borrower. While we consider standby letters of credit to be guarantees, the amount of the liability related to such guarantees on the commitment date is not significant and a liability related to such guarantees is not recorded on the consolidated balance sheets.

Our exposure to credit-related loss in the event of nonperformance by the counter parties to the financial instruments for commitments to extend credit and standby letters of credit could be up to the contractual notional amount of those instruments. We use the same credit policies in deciding to make these commitments as we do for extending loans to customers. No significant losses are anticipated as a result of these commitments.

Note 14 - On-Balance Sheet Activities

Derivative Loan Commitments

Mortgage loan commitments are referred to as derivative loan commitments if the loan that will result from exercise of the commitment will be held for sale upon funding. We enter into commitments to fund residential mortgage loans at specific times in the future, with the intention that these loans will subsequently be sold in the secondary market. A mortgage loan commitment binds us to lend funds to a potential borrower at a specified interest rate within a specified period of time, generally up to 60 days after inception of the rate lock.

Outstanding derivative loan commitments expose us to the risk that the price of the loans arising from the exercise of the loan commitment might decline from the inception of the rate lock to funding of the loan due to increases in mortgage interest rates. If interest rates increase, the value of these loan commitments decreases. Conversely, if interest rates decrease, the value of these loan commitments increase. The notional amount of undesignated interest rate lock commitments was \$805 and \$750 at December 31, 2017 and 2016, respectively.

Forward Loan Sale Commitments

To protect against the price risk inherent in derivative loan commitments, we utilize both "mandatory delivery" and "best efforts" forward loan sale commitments to mitigate the risk of potential decreases in the values of loan that would result from the exercise of the derivative loan commitments.

With a "mandatory delivery" contract, we commit to deliver a certain principal amount of mortgage loans to an investor at a specified price on or before a specified date. If we fail to deliver the amount of mortgages necessary to fulfill the commitment by the specified date, we are obligated to pay a "pair-off" fee, based on then current market prices, to the investor to compensate the investor for the shortfall.

With a "best efforts" contract, we commit to deliver an individual mortgage loan of a specified principal amount and quality to an investor if the loan to the underlying borrower closes. Generally, the price the investor will pay the seller for an individual loan is specified prior to the loan being funded (e.g. on the same day the lender commits to lend funds to a potential borrower).

We expect that these forward loan sale commitments will experience changes in fair value opposite to the change in fair value of derivative loan commitments. The notional amount of undesignated forward loan sale commitments was \$1,843 and \$1,877 at December 31, 2017 and 2016, respectively.

The fair values of the rate lock loan commitments related to the origination of mortgage loans that will be held for sale and the forward loan sale commitments are deemed insignificant by management and, accordingly, are not recorded in our consolidated financial statements.

Note 15 - Commitments and Other Matters

Banking regulations require us to maintain cash reserve balances in currency or as deposits with the FRB. At December 31, 2017 and 2016, the reserve balances amounted to \$1,458 and \$1,273, respectively.

Banking regulations limit the transfer of assets in the form of dividends, loans, or advances from the Bank to the Corporation. At December 31, 2017, substantially all of the Bank's assets were restricted from transfer to the Corporation in the form of loans or advances. Consequently, Bank dividends are the principal source of funds for the Corporation. Payment of dividends without regulatory approval is limited to the current year's retained net income plus retained net income for the preceding two years, less any required transfers to common stock. At January 1, 2018, the amount available to the Corporation for dividends from the Bank, without regulatory approval, was approximately \$24,200.

Note 16 - Minimum Regulatory Capital Requirements

The Corporation (on a consolidated basis) and the Bank are subject to various regulatory capital requirements administered by the FRB and the FDIC. Failure to meet minimum capital requirements can initiate mandatory and possibly additional discretionary actions by the FRB and the FDIC that if undertaken, could have a material effect on our financial statements. Under regulatory capital adequacy guidelines and the regulatory framework for prompt corrective action, we must meet specific capital guidelines that include quantitative measures of assets, liabilities, capital, and certain off-balance-sheet items, as calculated under regulatory accounting standards. Our capital amounts and classifications are also subject to qualitative judgments by the FRB and the FDIC about components, risk weightings, and other factors. Prompt corrective action provisions are not applicable to bank holding companies. Quantitative measures established by regulation to ensure capital adequacy require us to maintain minimum amounts and ratios (set forth in the following table) of total, tier 1 capital, and common equity tier 1 capital (as defined in the regulations) to risk-weighted assets (as defined) and tier 1 capital to average assets (as defined). We believe, as of December 31, 2017 and 2016, that we met all capital adequacy requirements.

The FRB has established minimum risk based capital guidelines. Pursuant to these guidelines, a framework has been established that assigns risk weights to each category of on and off-balance-sheet items to arrive at risk adjusted total assets. Regulatory capital is divided by the risk adjusted assets with the resulting ratio compared to the minimum standard to determine whether a corporation has adequate capital. On July 2, 2013, the FRB published revised BASEL III Capital standards for banks. The final rules redefine what is included or deducted from equity capital, changes risk weighting for certain on and off-balance sheet assets, increases the minimum required equity capital to be considered well capitalized, and introduces a capital cushion buffer. The rules, which are being gradually phased in between 2015 and 2019, are not expected to have a material impact on the Corporation but will require us to hold more capital than

we have historically.

Effective January 1, 2015, the minimum standard for primary, or tier 1, capital increased from 4.00% to 6.00%. The minimum standard for total capital remained at 8.00%. Also effective January 1, 2015 was the new common equity tier 1 capital ratio

which had a minimum requirement of 4.50%. Beginning on January 1, 2016 the capital conservation buffer went into effect which will further increase the required levels each year through 2019.

As of December 31, 2017 and 2016, the most recent notifications from the FRB and the FDIC categorized us as well capitalized under the regulatory framework for prompt corrective action. To be categorized as well capitalized, an institution must maintain total risk-based, Tier 1 risk-based, Common Equity Tier 1, and Tier 1 leverage ratios as set forth in the following tables. There are no conditions or events since the notifications that we believe have changed our categories. Our actual capital amounts and ratios are also presented in the table.

our categories. Our actuar capitar amounts and ratios a					Minimur	n To Be	
	Actual		Minimur Capital Requirer		Well Capitaliz Under Pr Correctiv Action Provision	rompt ve	
	Amount	Ratio	Amount	Ratio	Amount		
December 31, 2017 Common equity Tier 1 capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to risk weighted assets	\$139,897 149,013		\$48,404 48,744			6.50 % N/A	2
Isabella Bank	139,897	11.56%	48,404	7.250%	72.605	8.00 %	7
Consolidated	149,013	12.23%		7.250%		N/A	
Total capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to average assets	147,597 156,713	12.20% 12.86%		9.250% 9.250%	121,009 N/A	10.00 % N/A)
Isabella Bank	139,897	8.07 %	69,373	4.00 %	86,717	5.00 %	,
Consolidated	149,013	8.54 %	69,827	4.00 %	N/A Minimur	N/A n To Be	
	Actual		Minimur Capital Requirer		Well Capitaliz Under Pr Correctiv Action	ed compt ve	
		Ratio	Capital Requirer	nent	Well Capitaliz Under Pr Correctiv Action Provision	eed compt ve ns	
December 31, 2016	Actual Amount	Ratio	Capital	nent	Well Capitaliz Under Pr Correctiv Action	eed compt ve ns	
Common equity Tier 1 capital to risk weighted assets	Amount		Capital Requirer Amount	nent Ratio	Well Capitaliz Under Pr Correctiv Action Provision Amount	eed compt ve ns Ratio	
Common equity Tier 1 capital to risk weighted assets Isabella Bank	Amount \$132,900	11.69%	Capital Requirer Amount \$45,462	nent Ratio 5.125%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193	eed compt ve ns Ratio 6.50 %	
Common equity Tier 1 capital to risk weighted assets Isabella Bank Consolidated	Amount	11.69%	Capital Requirer Amount	nent Ratio 5.125%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193	eed compt ve ns Ratio	
Common equity Tier 1 capital to risk weighted assets Isabella Bank	Amount \$132,900	11.69%	Capital Requirer Amount \$45,462 45,881	nent Ratio 5.125%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193 N/A	eed compt ve ns Ratio 6.50 %	2
Common equity Tier 1 capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to risk weighted assets Isabella Bank Consolidated	Amount \$132,900 142,165	11.69% 12.39%	Capital Requirer Amount \$45,462 45,881 45,462	nent Ratio 5.125% 5.125%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193 N/A 68,193	eed rompt ve ns Ratio 6.50 % N/A	2
Common equity Tier 1 capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to risk weighted assets Isabella Bank Consolidated Total capital to risk weighted assets Isabella Bank Consolidated	Amount \$132,900 142,165 132,900	11.69% 12.39% 11.69%	Capital Requirer Amount \$45,462 45,881 \$45,462 45,881 \$90,923	nent Ratio 5.125% 5.125% 6.625% 6.625%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193 N/A 68,193 N/A 113,654	eed rompt ve ns Ratio 6.50 % N/A 8.00 % N/A	2
Common equity Tier 1 capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to risk weighted assets Isabella Bank Consolidated Total capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to average assets Isabella Bank	Amount \$132,900 142,165 132,900 142,165 140,300 149,565 132,900	11.69% 12.39% 11.69% 12.39% 12.34% 13.04% 8.06%	Capital Requirer Amount \$45,462 45,881 45,462 45,881 90,923 91,761 65,972	nent Ratio 5.125% 5.125% 6.625% 8.625% 8.625% 8.625% 4.000%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193 N/A 68,193 N/A 113,654 N/A 82,465	eed rompt ve ns Ratio 6.50 % N/A 8.00 % N/A 10.00% N/A 5.00 %	2
Common equity Tier 1 capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to risk weighted assets Isabella Bank Consolidated Total capital to risk weighted assets Isabella Bank Consolidated Tier 1 capital to average assets	Amount \$132,900 142,165 132,900 142,165 140,300 149,565	11.69% 12.39% 11.69% 12.39% 12.34% 13.04%	Capital Requirer Amount \$45,462 45,881 45,462 45,881 90,923 91,761 65,972	nent Ratio 5.125% 5.125% 6.625% 6.625% 8.625% 8.625%	Well Capitaliz Under Pr Correctiv Action Provision Amount \$68,193 N/A 68,193 N/A 113,654 N/A 82,465	eed rompt ve ns Ratio 6.50 % N/A 8.00 % N/A 10.00% N/A	2

Explanation of Responses:

Note 17 – Benefit Plans

401(k) Plan

We have a 401(k) plan in which substantially all employees are eligible to participate. Employees may contribute up to 100% of their compensation subject to certain limits based on federal tax laws. The plan was amended in 2013 to provide a matching safe harbor contribution for all eligible employees equal to 100% of the first 5.0% of an employee's compensation contributed to the Plan during the year. Employees are 100% vested in the safe harbor matching contributions.

For 2017, 2016 and 2015, expenses attributable to the Plan were \$713, \$686, and \$664, respectively.

Defined Benefit Pension Plan

We maintain a noncontributory defined benefit pension plan, which was curtailed effective March 1, 2007. As a result of the curtailment, future salary increases are no longer considered (the projected benefit obligation is equal to the accumulated benefit obligation), and plan benefits are based on years of service and the individual employee's five highest consecutive years of compensation out of the last ten years of service through March 1, 2007.

Changes in the projected benefit obligation and plan assets during each year, the funded status of the plan, and the net amount recognized in our consolidated balance sheets using an actuarial measurement date of December 31, are summarized as follows during the years ended December 31:

			2017	2016
Change in benefit obligation				
Benefit obligation, January 1			\$11,448	\$11,977
Interest cost			444	485
Actuarial (gain) loss			578	(328)
Benefits paid, including plan expenses			(1,089)	(686)
Benefit obligation, December 31			11,381	11,448
Change in plan assets				
Fair value of plan assets, January 1			9,325	9,572
Investment return			1,033	439
Contributions			200	
Benefits paid, including plan expenses			(1,089)	(686)
Fair value of plan assets, December 31			9,469	9,325
Deficiency in funded status at December 31, included on the con	solidated bala	ance sheets in	\$(1.012)	\$(2,123)
accrued interest payable and other liabilities			\$(1,912)	$\phi(2,125)$
	2017 20)16		
Change in accrued pension benefit costs				
Accrued benefit cost at January 1	\$(2,123) \$((2,405)		
Contributions	200 —	-		
Net periodic benefit cost	(412) (2.	.38)		
Net change in unrecognized actuarial loss and prior service cost	423 52	20		
Accrued pension benefit cost at December 31	\$(1,912) \$((2,123)		

We have recorded the funded status of the plan in our consolidated balance sheets. We adjust the underfunded status in a liability account to reflect the current funded status of the plan. Any gains or losses that arise during the year but are not recognized as components of net periodic benefit cost are recognized as a component of other comprehensive income (loss).

The components of net periodic benefit cost are as follows for the years ended December 31:

	2017	2016	2015
Interest cost on benefit obligation	\$444	\$485	\$494
Expected return on plan assets	(546)	(560)	(607)
Amortization of unrecognized actuarial net loss	279	313	355
Settlement loss	235		250
Net periodic benefit cost	\$412	\$238	\$492

During 2017, 2016 and 2015, additional settlement losses of \$235, \$0 and \$250 were recognized in connection with lump-sum benefit distributions. Many plan participants elect to receive their retirement benefit payments in the form of lump-sum settlements. Pro rata settlement losses, which can occasionally occur as a result of these lump sum distributions, are recognized only in years when the total of such distributions exceed the sum of the service and interest expense components of net periodic benefit cost.

Accumulated other comprehensive income at December 31, 2017 includes net unrecognized pension costs before income taxes of \$4,080, of which \$76 is expected to be amortized into benefit cost during 2018.

The actuarial assumptions used in determining the benefit obligation are as follows for the years ended December 31: $2017 \quad 2016 \quad 2015$

Discount rate	3.48%	3.96%	4.13%
Expected long-term rate of return on plan assets	6.00%	6.00%	6.00%

The actuarial weighted average assumptions used in determining the net periodic pension costs are as follows for the years ended December 31:

	2017	2016	2015
Discount rate	3.96%	4.13%	3.80%
	(000	(000	(000

Expected long-term rate of return on plan assets 6.00% 6.00% 6.00%

As a result of the curtailment of the Plan, there is no rate of compensation increase considered in the above assumptions.

The expected long term rate of return is an estimate of anticipated future long term rates of return on plan assets as measured on a market value basis. Factors considered in arriving at this assumption include:

Historical long term rates of return for broad asset classes.

Actual past rates of return achieved by the plan.

The general mix of assets held by the plan.

The stated investment policy for the plan.

The selected rate of return is net of anticipated investment related expenses.

Plan Assets

Our overall investment strategy is to moderately grow the portfolio by investing 50% of the portfolio in equity securities and 50% in fixed income securities. This strategy is designed to generate a long term rate of return of 6.00%. Equity securities primarily consist of the S&P 500 Index with a smaller allocation to the Small Cap and International Index. Fixed income securities are invested in the Bond Market Index. The Plan has appropriate assets invested in short term investments to meet near-term benefit payments.

The asset mix and the sector weighting of the investments are determined by our pension committee, which is comprised of members of our management. To manage the Plan, we retain a third party investment advisor to conduct consultations. We review the performance of the advisor at least annually.

The fair values of our pension plan assets by asset category were as follows as of December 31:

	2017		2016	
	Total	(Level 2)	Total	(Level 2)
Short-term investments	\$300	\$ 300	\$130	\$ 130
Common collective trusts				
Fixed income	3,815	3,815	4,579	4,579
Equity investments	5,354	5,354	4,616	4,616
Total	\$9,469	\$ 9,469	\$9,325	\$ 9,325

The following is a description of the valuation methodologies used for assets measured at fair value. There have been no changes in the methodologies used at December 31, 2017 and 2016:

Short-term investments: Shares of a money market portfolio, which is valued using amortized cost, which approximates fair value.

Common collective trusts: These investments are public investment securities valued using the NAV provided by a third party investment advisor. The NAV is quoted on a private market that is not active; however, the unit price is based on underlying investments which are traded on an active market.

We anticipate contributions to the Plan in 2018 to approximate net contribution costs.

The components of projected net periodic benefit cost are as follows for the year ending:

	December
	31, 2018
Interest cost on projected benefit obligation	\$ 388
Expected return on plan assets	(554)
Amortization of unrecognized actuarial net loss	242
Net periodic benefit cost	\$ 76
Estimated future benefit payments are as follow	s for the next ten years:
Estimated	
Benefit	
Payments	

	Payme
2018	\$ 474
2019	489
2020	523
2021	524
2022	524
2023 - 2027	2,833

Equity Compensation Plan

Pursuant to the terms of the Directors Plan, our directors are required to invest at least 25% of their board fees in our common stock. These stock investments can be made either through deferred fees or through the purchase of shares through the Dividend Reinvestment Plan. Deferred fees, under the Directors Plan, are converted on a quarterly basis into shares of our common stock based on the fair value of a share of common stock as of the relevant valuation date. Stock credited to a participant's account is eligible for stock and cash dividends as declared. Dividend Reinvestment Plan shares are purchased on a monthly basis pursuant to the Dividend Reinvestment Plan.

Distribution of deferred fees from the Directors Plan occurs when the participant retires from the Board or upon the occurrence of certain other events. The participant is eligible to receive a lump-sum, in-kind, distribution of all of the stock that is then in his or her account, and any unconverted cash will be converted to and rounded up to whole shares of stock and distributed, as well. The Directors Plan does not allow for cash settlement, and therefore, such share-based payment awards qualify for classification as equity. We may use authorized but unissued shares or purchase shares of common stock on the open market to meet our obligations under the Directors Plan.

We maintain the Rabbi Trust to fund the Directors Plan. The Rabbi Trust is an irrevocable grantor trust to which we may contribute assets for the limited purpose of funding a nonqualified deferred compensation plan. Although we may not reach the

assets of the Rabbi Trust for any purpose other than meeting our obligations under the Directors Plan, the assets of the Rabbi Trust remain subject to the claims of our creditors and are included in the consolidated financial statements. We may contribute cash or common stock to the Rabbi Trust from time-to-time for the sole purpose of funding the Directors Plan. The Rabbi Trust will use any cash that we contributed to purchase shares of our common stock on the open market through our brokerage services department. Shares held in the Rabbi Trust are included in the calculation of earnings per share.

The components of shares eligible to be issued under the Directors Plan were as follows as of December 31:

	2017		2016		
	Eligible	Market	Eligible	Market	
	Shares	Value	Shares	Value	
Unissued	195,140	\$5,513	187,428	\$5,220	
Shares held in Rabbi Trust	31,769	897	26,042	725	
Total	226,909	\$6,410	213,470	\$5,945	

Other Employee Benefit Plans

We maintain three nonqualified defined contribution retirement plans to provide supplemental retirement benefits to specified participants. Expenses related to these programs for 2017, 2016 and 2015 were \$392, \$430, and \$379, respectively, and are being recognized over the participants' expected years of service.

We maintain a non-leveraged ESOP which was frozen to new participants on December 31, 2006. Contributions to the plan are discretionary and are approved by the Board of Directors and recorded as compensation expense. We made no contributions to the ESOP in 2017, 2016 and 2015. Compensation cost related to the plan for 2017, 2016 and 2015 was \$23, \$33, and \$32, respectively. Total allocated shares outstanding related to the ESOP at December 31, 2017, 2016, and 2015 were 166,833, 204,669, and 217,064, respectively. Such shares are included in the computation of dividends and earnings per share in each of the respective years. On December 21, 2016, the Board approved the termination of the ESOP effective December 31, 2016. Actual dissolution of the ESOP is anticipated to occur in mid-2018.

We maintain a self-funded medical plan under which we are responsible for the first \$75 per year of claims made by a covered family. Expenses are accrued based on estimates of the aggregate liability for claims incurred and our experience. Expenses were \$2,324 in 2017, \$2,150 in 2016 and \$1,695 in 2015.

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Note 18 - Accumulated Other Comprehensive Income (Loss)

AOCI includes net income as well as unrealized gains and losses, net of tax, on AFS investment securities owned and changes in the funded status of our defined benefit pension plan, which are excluded from net income. Unrealized AFS securities gains and losses and changes in the funded status of the pension plan, net of tax, are excluded from net income, and are reflected as a direct charge or credit to shareholders' equity. Comprehensive income (loss) and the related components are disclosed in the consolidated statements of comprehensive income.

The following table summarizes the changes in AOCI by component for the years ended December 31 (net of tax):

Change in

	Unrealized Holding Gair (Losses) on AFS Securities	ns	Unrealized Gains (Losses) on Derivative Instruments	Change in Unrecogniz Pension Cos on Defined Benefit Pension Pla	st	Total	
Balance, January 1, 2015	\$ 3,302		\$ —	\$ (3,808)	\$(506)
OCI before reclassifications	310			255		565	
Amounts reclassified from AOCI	(163)		492		329	
Subtotal	147			747		894	
Tax effect	87			(254)	(167)
OCI, net of tax	234			493		727	
Balance, December 31, 2015	3,536			(3,315)	221	
OCI before reclassifications	(5,865)	248	282		(5,335)
Amounts reclassified from AOCI	525			238		763	
Subtotal	(5,340)	248	520		(4,572)
Tax effect	1,834		(84)	(177)	1,573	
OCI, net of tax	(3,506)	164	343		(2,999)
Balance, December 31, 2016	30		164	(2,972)	(2,778)
OCI before reclassifications	289		43	11		343	
Amounts reclassified from AOCI	(142)		412		270	
Subtotal	147		43	423		613	
Tax effect	89		(15)	(144)	(70)
OCI, net of tax	236		28	279		543	
One-time non-cash tax rate adjustment due to the Tax Act	125		38	(530)	(367)
Balance, December 31, 2017	\$ 391		\$ 230	\$ (3,223)	\$(2,602	2)
	10010					1.1	

Included in OCI for the years ended December 31, 2017 and 2016 are changes in unrealized holding gains and losses related to auction rate money market preferred and preferred stocks. For federal income tax purposes, these securities are considered equity investments. As such, no deferred federal income taxes related to unrealized holding gains or losses are expected or recorded.

In accordance with the Tax Act, the effect of income tax law changes on deferred taxes also applies to items recognized in other comprehensive income. In January 2018, FASB issued ASU 2018-02 which allowed for the "stranded" tax effects in AOCI to be reclassified to retained earnings rather than income tax expense. We early adopted this guidance and applied this accounting alternative in our consolidated statements of changes in shareholders equity as of December 31, 2017.

A summary of the components of unrealized holding gains on AFS securities included in OCI follows for the years ended December 31:

		ey et AFS rred Securiti rred		Total	Prefe	tion All Oth All Oth AFS erred Securit erred		Total	main	ey et AFS rred securition		Total
Unrealized gains (losses) arising during the period	\$407	\$ (118)	\$289	\$54	\$ (5,919	9)	\$(5,865)	\$406	\$ (96)	\$310
Reclassification adjustment for net realized (gains) losses included in net income		(142)	(142)	—	(245)	(245)	—	(163)	(163)
Reclassification adjustment for impairment loss included in net income	—	—		—	—	770		770		—		—
Net unrealized gains (losses)	407	(260)	147	54	(5,394)	(5,340)	406	(259)	147
Tax effect	<u> </u>	89		89		1,834		1,834		87		87
Unrealized gains (losses), net of tax								\$(3,506)				\$234
The following table details reclassification			d t	he relat	ed af	fected li	ne i	items in ou	ir cons	solidated		
statements of income for the years ended D	ecemb	er 31:							_			
				Amoun				ected Line	e Item	in the		
Details about AOCI components				Reclass	ified			nsolidated				
				AOCI	016		Sta	tements of	Incon	ne		
			4	2017 2	016	2015						
Unrealized holding gains (losses) on AFS s	ecuriti	es		t 1 10 f	245	¢1(2)	NT - 4	·	1 6	AEC		•••
			2	\$142 \$				gains on a ser noninte			cur	ities
			-	— (.	770)			ome befor		^	<u>م</u>	tav
			1	142 (3	525)	163		ense				lan
			2		179)			leral incon	ne tax	expense	(b	enefit)
			S	\$94 \$	(346)	\$108	Net	income				
Change in unrecognized pension cost on de pension plan	fined l	penefit										
			5	\$412 \$	238	\$492	Oth	er noninte	erest ex	xpenses		
			1	140 8	1	167	Fed	leral incon	ne tax	expense		
			5	\$272 \$	157	\$325	Net	income				
01												

Note 19 - Related Party Transactions

In the ordinary course of business, we grant loans to principal officers and directors and their affiliates (including their families and companies in which they have 10% or more ownership). Annual activity consisted of the following for the years ended December 31:

	2017	2016
Balance, January 1	\$3,946	\$4,021
New loans	3,895	1,097
Repayments	(3,506)	(1,172)
Balance, December 31	\$4,335	\$3,946

Total deposits of these principal officers and directors and their affiliates amounted to \$5,671 and \$5,770 at December 31, 2017 and 2016, respectively. In addition, the ESOP held deposits with the Bank aggregating \$266 and \$290, respectively, at December 31, 2017 and 2016.

From time-to-time, we make charitable donations to The Isabella Bank Foundation (the "Foundation"), which is a non-controlled nonprofit organization formed for the purpose of distributing charitable donations to recipient organizations generally located in the communities we service. Our donations are expensed when committed to the Foundation. The assets and transactions of the Foundation are not included in our consolidated financial statements. Assets of the Foundation include cash and cash equivalents, certificates of deposit, and shares of Isabella Bank Corporation common stock. The Foundation owned 44,350 shares of our common stock as of December 31, 2017 and 2016. Such shares are included in the computation of dividends and earnings per share.

The following table displays total asset balances of, and our donations to, the Foundation as of, and for the years ended, December 31:

Note 20 – Fair Value

Following is a description of the valuation methodologies, key inputs, and an indication of the level of the fair value hierarchy in which the assets or liabilities are classified.

Cash and cash equivalents: The carrying amounts of cash and demand deposits due from banks and interest bearing balances due from banks approximate fair values. As such, we classify cash and cash equivalents as Level 1. AFS securities: AFS securities are recorded at fair value on a recurring basis. Level 1 fair value measurement is based upon quoted prices for identical instruments. Level 2 fair value measurement is based upon quoted prices for similar instruments. If quoted prices are not available, fair values are measured using independent pricing models or other model based valuation techniques such as the present value of future cash flows, adjusted for the security's credit rating, prepayment assumptions and other factors such as credit loss and liquidity assumptions. The values for Level 1 and Level 2 investment securities are generally obtained from an independent third party. On a quarterly basis, we compare the values provided to alternative pricing sources.

Mortgage loans AFS: Mortgage loans AFS are carried at the lower of cost or fair value. The fair value of mortgage loans AFS are based on the price secondary markets are currently offering for portfolios with similar characteristics. As such, we classify mortgage loans AFS subject to nonrecurring fair value adjustments as Level 2.

Loans: For variable rate loans with no significant change in credit risk, fair values are based on carrying values. Fair values for fixed rate loans are estimated using discounted cash flow analyses, using interest rates currently being offered for loans with similar terms to borrowers of similar credit quality. The resulting amounts are adjusted to estimate the effect of changes in the credit quality of borrowers since the loans were originated. As such, we classify loans as Level 3 assets.

We do not record loans at fair value on a recurring basis. However, from time-to-time, loans are classified as impaired and a specific allowance for loan losses may be established. Loans for which it is probable that payment of interest and principal will be significantly different than the contractual terms of the original loan agreement are considered impaired. Once a loan is

identified as impaired, we measure the estimated impairment. The fair value of impaired loans is estimated using one of several methods, including 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, less costs to sell, if the loan is collateral dependent. Those impaired loans not requiring an allowance represent loans for which the fair value of the expected repayments or collateral exceed the recorded investments in such loans.

We review the net realizable values of the underlying collateral for collateral dependent impaired loans on at least a quarterly basis for all loan types. To determine the collateral value, we utilize independent appraisals, broker price opinions, or internal evaluations. We review these valuations to determine whether an additional discount should be applied given the age of market information that may have been considered as well as other factors such as costs to sell an asset if it is determined that the collateral will be liquidated in connection with the ultimate settlement of the loan. We use these valuations to determine if any specific reserves or charge-offs are necessary. We may obtain new valuations in certain circumstances, including when there has been significant deterioration in the condition of the collateral, if the foreclosure process has begun, or if the existing valuation is deemed to be outdated.

The following tables list the quantitative fair value information about impaired loans as of December 31:

2017

Valuation Technique	e Fair Value	e Unobservable Input	Range
-			
		Real Estate	20% - 30%
		Equipment	20% - 35%
		Cash crop inventory	30% - 40%
Discounted value	\$15,956	Livestock	30%
		Other inventory	50% - 75%
		Accounts receivable	50%
		Liquor license	75%
		Furniture, fixtures & equipment	35% - 45%
	2016		
Valuation Technique	e Fair Value	e Unobservable Input	Range
		Discount applied to collateral:	
		Real Estate	20% - 30%
Discounted value	\$9,166	Equipment	20% - 45%
		Cash crop inventory	30% - 40%
		Liquor license	75%
		Furniture, fixtures & equipment	45%

Collateral discount rates may have ranges to accommodate differences in the age of the independent appraisal, broker price opinion, or internal evaluation.

Accrued interest receivable: The carrying amounts of accrued interest receivable approximate fair value. As such, we classify accrued interest receivable as Level 1.

Equity securities without readily determinable fair values: Included in equity securities without readily determinable fair values are FHLB stock and FRB stock as well as our minority ownership interest in Corporate Settlement Solutions, LLC. The investment in Corporate Settlement Solutions, LLC, a title insurance agency, was made in the first quarter 2008 and we account for our investment under the equity method of accounting.

The lack of an active market, or other independent sources to validate fair value estimates coupled with the impact of future capital calls and transfer restrictions, is an inherent limitation in the valuation process. As the fair values of these investments are not readily determinable, they are not disclosed under a specific fair value hierarchy; however, they are reviewed quarterly for impairment. If we were to record an impairment adjustment related to these securities, it would be classified as a nonrecurring Level 3 fair value adjustment. During 2017 and 2016, there were no impairments recorded on equity securities without readily determinable fair values.

Foreclosed assets: Upon transfer from the loan portfolio, foreclosed assets (which are included in other assets) are adjusted to and subsequently carried at the lower of carrying value or fair value less costs to sell. Net realizable value is based upon independent market prices, appraised values of the collateral, or management's estimation of the value of the collateral. Due to the inherent level of estimation in the valuation process, we classify foreclosed assets as nonrecurring Level 3.

The table below lists the quantitative fair value information related to foreclosed assets as of:

	Decei	mber 31, 2017	
Valuation Technique	Fair Value	Unobservable Input	Range
		Discount applied to collateral:	
Discounted value	\$291	Real Estate	20% - 30%
	Decei	mber 31, 2016	
Valuation Technique	Fair Value	Unobservable Input	Range
		Discount applied to collateral:	
Discounted value	\$231	Real Estate	20% - 30%

Collateral discount rates may have ranges to accommodate differences in the age of the independent appraisal, broker price opinion, or internal evaluations.

Goodwill and other intangible assets: Acquisition intangibles and goodwill are evaluated for potential impairment on at least an annual basis. Acquisition intangibles and goodwill are typically qualitatively evaluated to determine if it is more likely than not that the carrying balance is impaired. If it is determined that the carrying balance of acquisition intangibles or goodwill is more likely than not to be impaired, we perform a cash flow valuation to determine the extent of the potential impairment. If the testing resulted in impairment, we would classify goodwill and other acquisition intangibles subjected to nonrecurring fair value adjustments as Level 3. During 2017 and 2016, there were no impairments recorded on goodwill and other acquisition intangibles.

OMSR: OMSR (which are included in other assets) are subject to impairment testing. To test for impairment, we utilize a discounted cash flow analysis using interest rates and prepayment speed assumptions currently quoted for comparable instruments and discount rates. If the valuation model reflects a value less than the carrying value, OMSR are adjusted to fair value through a valuation allowance as determined by the model. As such, we classify OMSR subject to nonrecurring fair value adjustments as Level 2.

Deposits: The fair value of demand, savings, and money market deposits are equal to their carrying amounts and are classified as Level 1. Fair values for variable rate certificates of deposit approximate their carrying value. Fair values for fixed rate certificates of deposit are estimated using a discounted cash flow calculation that applies interest rates currently being offered on certificates to a schedule of aggregated expected monthly maturities on time deposits. As such, fixed rate certificates of deposit are classified as Level 2.

Borrowed funds: The carrying amounts of federal funds purchased, borrowings under overnight repurchase agreements, and other short-term borrowings maturing within ninety days approximate their fair values. The fair values of other borrowed funds are estimated using discounted cash flow analyses based on current incremental borrowing arrangements. As such, borrowed funds are classified as Level 2.

Accrued interest payable: The carrying amounts of accrued interest payable approximate fair value. As such, we classify accrued interest payable as Level 1.

Derivative instruments: Derivative instruments, consisting solely of interest rate swaps, are recorded at fair value on a recurring basis. Derivatives qualifying as cash flow hedges, when highly effective, are reported at fair value in other assets or other liabilities on our Consolidated Balance Sheets with changes in value recorded in OCI. Should the hedge no longer be considered effective, the ineffective portion of the change in fair value is recorded directly in earnings in the period in which the change occurs. The fair value of a derivative is determined by quoted market prices and model based valuation techniques. As such, we classify derivative instruments as Level 2.

Commitments to extend credit, standby letters of credit, and undisbursed loans: Our commitments to extend credit, standby letters of credit, and undisbursed funds have no carrying amount and are estimated to have no realizable fair

Explanation of Responses:

value.

Historically, a majority of the unused commitments to extend credit have not been drawn upon and, generally, we do not receive fees in connection with these commitments other than standby letter of credit fees, which are not significant.

The preceding methods described may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Although we believe our valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement.

Estimated Fair Values of Financial Instruments Not Recorded at Fair Value in their Entirety on a Recurring Basis Disclosure of the estimated fair values of financial instruments, which differ from carrying values, often requires the use of estimates. In cases where quoted market values in an active market are not available, we use present value techniques and other valuation methods to estimate the fair values of our financial instruments. These valuation methods require considerable judgment and the resulting estimates of fair value can be significantly affected by the assumptions made and methods used.

The carrying amount and estimated fair value of financial instruments not recorded at fair value in their entirety on a recurring basis were as follows as of December 31:

2017

	2017				
	Carrying Value	Estimated Fair Value	Level 1	Level 2	Level 3
ASSETS					
Cash and cash equivalents	\$30,848	\$ 30,848	\$30,848	\$ -	-\$
Mortgage loans AFS	1,560	1,587		1,587	
Gross loans	1,091,51	91,056,906			1,056,906
Less allowance for loan and lease losses	7,700	7,700			7,700
Net loans	1,083,81	91,049,206	—	—	1,049,206
Accrued interest receivable	7,063	7,063	7,063		
Equity securities without readily determinable fair values (1)	23,454	N/A			
OMSR	2,409	2,409		2,409	
LIABILITIES					
Deposits without stated maturities	811,992	811,992	811,992	—	—
Deposits with stated maturities	453,266	443,892	—	443,892	—
Borrowed funds	344,878	342,089	—	342,089	
Accrued interest payable	680	680	680	—	—

	2016				
	Carrying Value	Estimated Fair Value	Level 1	Level 2	Level 3
ASSETS					
Cash and cash equivalents	\$22,894	\$ 22,894	\$22,894	\$ -	-\$
Mortgage loans AFS	1,816	1,836	—	1,836	—
Gross loans	1,010,61	5991,009	—		991,009
Less allowance for loan and lease losses	7,400	7,400		—	7,400
Net loans	1,003,21	5983,609		—	983,609
Accrued interest receivable	6,580	6,580	6,580	—	
Equity securities without readily determinable fair values (1)	21,694	N/A			_
OMSR	2,306	2,306	_	2,306	_
LIABILITIES					
Deposits without stated maturities	761,626	761,626	761,626		_
Deposits with stated maturities	433,414	430,088		430,088	
Borrowed funds	337,694	336,975		336,975	_
Accrued interest payable	574	574	574	_	_

Due to the characteristics of equity securities without readily determinable fair values, they are not disclosed under ⁽¹⁾ a specific fair value hierarchy. If we were to record an impairment adjustment related to these securities, such amount would be classified as a nonrecurring Level 3 fair value adjustment.

Financial Instruments Recorded at Fair Value

The table below presents the recorded amount of assets and liabilities measured at fair value on December 31:

Ĩ	2017				2016			
	Total	Level 1	Level 2	Level 3	Total	Level 1	Level 2	Level 3
Recurring items								
AFS securities								
Government-sponsored enterprises	\$216	\$—	\$216	\$—	\$10,259	\$—	\$10,259	\$—
States and political subdivisions	208,474	—	208,474	_	212,919	—	212,919	—
Auction rate money market preferred	3,049	—	3,049	—	2,794	—	2,794	—
Preferred stocks	3,577	3,577	_	_	3,425	3,425	_	_
Mortgage-backed securities	208,797	—	208,797	—	227,256	—	227,256	—
Collateralized mortgage obligations	128,194	—	128,194	—	101,443	—	101,443	—
Total AFS securities	552,307	3,577	548,730		558,096	3,425	554,671	
Derivative instruments	291		291	—	248	—	248	—
Nonrecurring items								
Impaired loans (net of the ALLL)	15,956	—	—	15,956	9,166	—	—	9,166
Foreclosed assets	291			291	231		_	231
Total	\$568,845	\$3,577	\$549,021	\$16,247	\$567,741	\$3,425	\$554,919	\$9,397
Percent of assets and liabilities measured at fair value		0.63 %	96.52 %	2.85 %		0.60 %	97.74 %	1.66 %

The following table provides a summary of the changes in fair value of assets and liabilities recorded at fair value, for which gains or losses were recognized through earnings on a nonrecurring basis, in the years ended December 31: 2017 2016

Nonrecurring items

Foreclosed assets (2) (10)

We had no assets or liabilities recorded at fair value with changes in fair value recognized through earnings, on a recurring basis, as of December 31, 2017.

Note 21 - Parent Company Only Financial Information

Condensed Balance Sheets

	December	: 31
	2017	2016
ASSETS		
Cash on deposit at the Bank	\$185	\$1,297
AFS securities		251
Investments in subsidiary	145,962	138,549
Premises and equipment	1,950	1,991
Other assets	52,253	52,846
TOTAL ASSETS	\$200,350	\$194,934
LIABILITIES AND SHAREHOLDERS' EQUITY		
Other liabilities	\$5,445	\$7,035
Shareholders' equity	194,905	187,899
TOTAL LIABILITIES AND SHAREHOLDERS' EQUITY	\$200,350	\$194,934
Condensed Statements of Income		

	Year En	ded Decer	mber 31
	2017	2016	2015
Income			
Dividends from subsidiary	\$9,600	\$7,400	\$8,000
Interest income	2	14	78
Management fee and other	6,463	6,574	6,331
Total income	16,065	13,988	14,409
Expenses			
Compensation and benefits	5,196	4,898	5,110
Occupancy and equipment	1,779	1,696	1,634
Audit and related fees	527	536	452
Other	2,566	2,120	2,160
Total expenses	10,068	9,250	9,356
Income before income tax benefit and equity in undistributed earnings of subsidiary	5,997	4,738	5,053
Federal income tax benefit	91	1,058	991
Income before equity in undistributed earnings of subsidiary	6,088	5,796	6,044
Undistributed earnings of subsidiary	7,149	8,003	9,086
Net income	\$13,237	\$13,799	\$15,130

Condensed Statements of Cash Flows

	Year Ended December 31			
	2017	2016	2015	
Operating activities				
Net income	\$13,237	\$13,799	\$15,13	0
Adjustments to reconcile net income to cash provided by operations				
Undistributed earnings of subsidiary	(7,149) (8,003)) (9,086)
Undistributed earnings of equity securities without readily determinable fair values	40	791	(310)
Share-based payment awards under equity compensation plan	640	573	550	
Depreciation	154	156	154	
Deferred income tax expense (benefit)	792	147	131	
Changes in operating assets and liabilities which provided (used) cash				
Other assets	42	(44) 506	
Accrued interest and other liabilities	(1,590) (2,669)) 142	
Net cash provided by (used in) operating activities	6,166	4,750	7,217	
Investing activities				
Maturities, calls, principal payments, and sales of AFS securities	249		3,000	
Purchases of premises and equipment	(113) (133) (186)
Net (advances to) repayments from subsidiary			300	
Net cash provided by (used in) investing activities	136	(133	3,114	
Financing activities				
Net increase (decrease) in borrowed funds			(211)
Cash dividends paid on common stock	(7,990) (7,645)) (7,273)
Proceeds from the issuance of common stock	6,177	5,023	5,201	
Common stock repurchased	(5,181) (4,440)	(4,590)
Common stock purchased for deferred compensation obligations	(420) (383)) (368)
Net cash provided by (used in) financing activities	(7,414) (7,445)) (7,241)
Increase (decrease) in cash and cash equivalents	(1,112) (2,828)	3,090	
Cash and cash equivalents at beginning of period	1,297	4,125	1,035	
Cash and cash equivalents at end of period	\$185	\$1,297	\$4,125	
Note 22 – Operating Segments				
Our report the comments are based on level entities that account for at level $100^{\prime\prime}$ of a	act amonati		The	

Our reportable segments are based on legal entities that account for at least 10% of net operating results. The operations of the Bank as of December 31, 2017, 2016, and 2015 represent approximately 90% or more of our consolidated total assets and operating results. As such, no additional segment reporting is presented.

Item 9. Changes in and Disagreements With Accountants on Accounting and Financial Disclosure.

None.

Item 9A. Controls and Procedures.

DISCLOSURE CONTROLS AND PROCEDURES

We carried out an evaluation, under the supervision and with the participation of the Principal Executive Officer and Principal Financial Officer, of the effectiveness of the design and operation of our disclosure controls and procedures (as such term is defined in Rules 13a-15(e) and 15(d)-15(e) under the Exchange Act) as of December 31, 2017, pursuant to Exchange Act Rule 13a-15. Based upon that evaluation, the Principal Executive Officer and Principal Financial Officer concluded that our disclosure controls and procedures as of December 31, 2017, were effective to ensure that information required to be disclosed in reports that we file or submit under the Exchange Act are recorded, processed, summarized and reported within the time periods specified in SEC rules and forms.

CHANGES IN INTERNAL CONTROL OVER FINANCIAL REPORTING

We also conducted an evaluation of internal control over financial reporting to determine whether any changes occurred during the quarter ended December 31, 2017, that have materially affected, or are reasonably likely to materially affect, our internal control over financial reporting. Based on this evaluation, we have concluded that there have been no such changes during the quarter ended December 31, 2017.

Management's Report on Internal Control Over Financial Reporting

We are responsible for the preparation and integrity of our published consolidated financial statements. The consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America and, accordingly, include amounts based on judgments and estimates. We also prepared the other information included in the Annual Report on Form 10-K and are responsible for the accuracy and consistency with the consolidated financial statements.

We are responsible for establishing and maintaining a system of internal control over financial reporting, which is intended to provide reasonable assurance to our management and Board of Directors regarding the reliability of our consolidated financial statements. The system includes but is not limited to:

A documented organizational structure and division of responsibility;

Established policies and procedures, including a code of conduct to foster a strong ethical climate which is communicated throughout our Corporation;

Internal auditors that monitor the operation of the internal control system and report findings and recommendations to management and the Audit Committee;

Procedures for taking action in response to an internal audit finding or recommendation;

Regular reviews of our consolidated financial statements by qualified individuals; and

The careful selection, training and development of our people.

There are inherent limitations in the effectiveness of any system of internal control, including the possibility of human error and the circumvention or overriding of controls. Also, the effectiveness of an internal control system may change over time. We have implemented a system of internal control that was designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with generally accepted accounting principles.

We have assessed our internal control system in relation to criteria for effective internal control over financial reporting described in "Internal Control-Integrated Framework" issued by the Committee of Sponsoring Organizations (2013 framework) of the Treadway Commission.

Based upon these criteria, we believe that, as of December 31, 2017, our system of internal control over financial reporting was effective.

Our independent registered public accounting firm, Rehmann Robson LLC ("Rehmann"), has audited our 2017 consolidated financial statements and internal control over financial reporting as of December 31, 2017. Rehmann was given unrestricted access to all financial records and related data, including minutes of all meetings of stockholders, the Board of Directors and committees of the Board. Rehmann has issued an unqualified audit opinion on our 2017 consolidated financial statements as a result of the integrated audit and an unqualified opinion on the effectiveness of our internal controls as of December 31, 2017.

Isabella Bank Corporation By: /s/ Jae A. Evans Jae A. Evans President, Chief Executive Officer (Principal Executive Officer) March 15, 2018

/s/ Neil M. McDonnell Neil M. McDonnell Chief Financial Officer (Principal Financial Officer) March 15, 2018 Item 9B. Other Information. None.

PART III

Item 10. Directors, Executive Officers and Corporate Governance.

For information concerning our directors and certain executive officers, see "Election of Directors" and "Section 16(a) Beneficial Ownership Reporting Compliance" in our Proxy Statement for the Annual Meeting of Shareholders to be held May 8, 2018 ("Proxy Statement") which is incorporated herein by reference.

For Information concerning our Audit Committee financial experts, see "Committees of the Board of Directors and Meeting Attendance" in the Proxy Statement which is incorporated herein by reference.

We have adopted a Code of Business Conduct and Ethics that applies to our Chief Executive Officer and Chief Financial Officer. We shall provide to any person without charge upon request, a copy of our Code of Business Conduct and Ethics. Written requests should be sent to: Secretary, Isabella Bank Corporation, 401 North Main Street, Mount Pleasant, Michigan 48858.

Item 11. Executive Compensation.

For information concerning executive compensation, see "Executive Officers," "Compensation Committee Report," "Compensation Committee Interlocks and Insider Participation," "Compensation Discussion and Analysis," and "Remuneration of Directors" in the Proxy Statement which is incorporated herein by reference.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters. For information concerning the security ownership of certain owners and management, see "Security Ownership of Certain Beneficial Owners and Management" in the Proxy Statement which is incorporated herein by reference. Equity Compensation Plan Information

The following table provides information as of December 31, 2017, with respect to compensation plans under which our common shares are authorized for issuance to directors, officers or employees in exchange for consideration in the form of goods or services.

Plan Category	Upon Exercise of	of Outstanding	Number of Securities Remaining ^{ge} Available for Future Issuance Under Equity ts Compensation Plans (Excluding Securities Reflected in Column (A)) (C)
Equity compensation plans approved by shareholders: None Equity compensation plans not approved by shareholders (1) (2):	S	_	_
Deferred director compensation plan Total	195,140 195,140	(1)(2)	(1) (2)

Pursuant to the terms of the Directors Plan, our directors are required to invest at least 25% of their board fees in our common stock. These stock investments can be made either through deferred fees or through the purchase of shares through the Dividend Reinvestment Plan. Deferred fees, under the Directors Plan, are

(1) converted on a quarterly basis into stock units of our common stock based on the fair value of a share of common stock as of the relevant valuation date. Stock credited to a participant's account is eligible for stock and cash dividends as declared. Dividend Reinvestment Plan shares are purchased on a monthly basis pursuant to the Dividend Reinvestment Plan.

Distribution of deferred fees from the Directors Plan occurs when the participant retires from the board or upon the occurrence of certain other events. The participant is eligible to receive a lump-sum, in-kind, distribution of all of the stock that is then in his or her account, and any unconverted cash will be converted to and rounded up to whole shares of stock and distributed, as well. The Directors Plan does not allow for cash settlement, and therefore, such share

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based payment awards qualify for classification as equity. We may use authorized but unissued shares or purchase shares of common stock on the open market to meet our obligations under the Directors Plan. As of December 31, 2017, the Directors Plan had 226,909 shares eligible to be distributed under the Directors Plan.

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The Rabbi Trust holds 31,769 shares for the benefit of participants pursuant to the Directors Plan. Accordingly, (2) such shares are not included in the number of securities issuable in column (A) or the weighted average price

calculation in column (B), nor are potential future contributions included in column (C).

Item 13. Certain Relationships and Related Transactions, and Director Independence.

For information, see "Indebtedness of and Transactions with Management" and "Election of Directors" in the Proxy Statement, which is incorporated herein by reference.

Item 14. Principal Accountant Fees and Services.

For information concerning our principal accountant fees and services see "Fees for Professional Services Provided by Rehmann Robson LLC" and "Pre-approval Policies and Procedures" in our Proxy Statement which is incorporated herein by reference.

PART IV

- Item 15. Exhibits and Financial Statement Schedules.
- (a) (1) Financial Statements: The following documents are filed as part of Item 8 of this report:

Report of Independent Registered Public Accounting Firm Consolidated Balance Sheets Consolidated Statements of Changes in Shareholders' Equity Consolidated Statements of Income Consolidated Statements of Comprehensive Income (Loss) Consolidated Statements of Cash Flows Notes to Consolidated Financial Statements

- Financial Statement Schedules: All schedules are omitted because they are neither applicable nor
 (2) required, or because the required information is included in the consolidated financial statements or related notes.
- (3) See the exhibits listed below under Item 15(b):
- (b) The following exhibits required by Item 601 of Regulation S-K are filed as part of this report:
 - 3(a) Amended Articles of Incorporation (1)
 - 3(b) Amendment to the Articles of Incorporation (2)
 - 3(c) Amendment to the Articles of Incorporation (3)
 - 3(d) Amendment to the Articles of Incorporation (4)
 - 3(e) Amendment to the Articles of Incorporation (8)
 - 3(f) Amended Bylaws (6)
 - 3(g) Amendment to Bylaws (7)
 - 3(h) Amendment to Bylaws (10)
 - 3(i) Amendment to Bylaws (11)
 - 10(a) Isabella Bank Corporation and Related Companies Deferred Compensation Plan for Directors (9)*
 - 10(b) Amendment to Isabella Bank Corporation and Related Companies Deferred Compensation Plan for Directors (12)*
 - 10(c) Isabella Bank Corporation Split Dollar Plan (13)*
 - 10(d) Isabella Bank Corporation Retirement Bonus Plan (9)*
 - 10(e) Isabella Bank Corporation Supplemental Executive Retirement Plan (14)*
 - 10(f) Isabella Bank Corporation Stock Award Incentive Plan (15)*
 - 14 Code of Business Conduct and Ethics (5)
 - 21 <u>Subsidiaries of the Registrant</u>
 - 23 Consent of Rehmann Robson LLC, Independent Registered Public Accounting Firm
 - 31(a) <u>Certification pursuant to section 302 of the Sarbanes-Oxley Act of 2002 by the Chief Executive Officer</u>
 - 31(b) <u>Certification pursuant to section 302 of the Sarbanes-Oxley Act of 2002 by the Chief Financial Officer</u>
 - 32 Section 1350 Certification of Chief Executive Officer and Chief Financial Officer
 - 101.INS XBRL Interactive Data File**
 - 101.SCH XBRL Interactive Data File**
 - 101.CALXBRL Interactive Data File**
 - 101.LABXBRL Interactive Data File**
 - 101.PRE XBRL Interactive Data File**
 - 101.DEF XBRL Interactive Data File**

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- * Management Contract or Compensatory Plan or Arrangement.
- ** As provided by Rule 406T in Regulation S-T, this information is furnished and not filed for purposes of Sections 11 and 12 of the Securities Act of 1933 and Section 18 of the Exchange Act
- (1) Previously filed as an Exhibit to the Isabella Bank Corporation Form 10-K, filed March 12, 1991, and incorporated herein by reference
- (2) Previously filed as an Exhibit to the Isabella Bank Corporation Form 10-K, filed March 26, 1994, and incorporated herein by reference.
- (3) Previously filed as an Exhibit to Isabella Bank Corporation Form 10-K, filed March 22, 2000, and incorporated herein by reference.
- (4) Previously filed as an Exhibit to Isabella Bank Corporation Form 10-K, filed March 27, 2001, and incorporated herein by reference.
- (5) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed April 25, 2006, and incorporated herein by reference.
- (6) Previously filed as an Exhibit to Isabella Bank Corporation Form 10-K, filed March 16, 2005, and incorporated herein by reference.
- (7) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed November 22, 2006, and incorporated herein by reference.
- (8) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed May 16, 2008, and incorporated herein by reference.
- (9) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed December 19, 2008, and incorporated herein by reference.
- (10) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed August 28, 2009, and incorporated herein by reference.
- (11) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed December 23, 2009, and incorporated herein by reference.
- (12) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed August 30, 2013, and incorporated herein by reference.
- (13) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed March 31, 2015, and incorporated herein by reference.
- (14) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed April 27, 2015, and incorporated herein by reference.
- (15) Previously filed as an Exhibit to Isabella Bank Corporation Form 8-K, filed May 6, 2015, and incorporated herein by reference.

Item 16. Form 10-K Summary. Not applicable.

SIGNATURES

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

ISABELLA BANK CORPORATION

(Registrant)

Date: March 15, 2018

By: /s/ Jae A. Evans Jae A. Evans President, Chief Executive Officer (Principal Executive Officer)

Pursuant to the requirements of the Exchange Act, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Signatures	Capacity	Date
/s/ Dr. Jeffrey J. Barnes Dr. Jeffrey J. Barnes	Director	March 15, 2018
/s/ Richard J. Barz Richard J. Barz	Director	March 15, 2018
/s/ Jill Bourland Jill Bourland	Director	March 15, 2018
/s/ Jae A. Evans Jae A. Evans	President, Chief Executive Officer (Principal Executive Officer), and Director	March 15, 2018
/s/ G. Charles Hubscher G. Charles Hubscher	Director	March 15, 2018
/s/ Thomas L. Kleinhardt Thomas L. Kleinhardt	Director	March 15, 2018
/s/ Joseph LaFramboise Joseph LaFramboise	Director	March 15, 2018
/s/ David J. Maness David J. Maness	Director	March 15, 2018
/s/ W. Joseph Manifold W. Joseph Manifold	Director	March 15, 2018
/s/ Neil M. McDonnell Neil M. McDonnell	Chief Financial Officer (Principal Financial Officer)	March 15, 2018
/s/ W. Michael McGuire W. Michael McGuire	Director	March 15, 2018
/s/ Sarah R. Opperman Sarah R. Opperman	Director	March 15, 2018
/s/ Jerome Schwind Jerome Schwind	Isabella Bank President and Director	March 15, 2018
/s/ Rhonda S. Tudor Rhonda S. Tudor	Controller	March 15, 2018
/s/ Gregory V. Varner Gregory V. Varner	Director	March 15, 2018