UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-Q

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

	For the quarterly period ended I	March 31, 2019	
	OR		
☐ TRANSITION REPORT PURSUA	ANT TO SECTION 13 OR 15(d)	OF THE SECURITIES EXCHANGE	ACT OF 1934
F	For the transition period from	to	
	Commission file number: <u>Commission</u>	000-25927	
	WA BANK (Exact name of registrant as speci	CORPORATIO fied in its charter)	N
Michigan (State or other jurisdiction of incorporation or org	anization)	38-3391 (I.R.S. Employer Ide	
(State of other jurisdiction of incorporation of org	amzanom	(i.k.s. Employer tu	entification No.)
	753 Macatawa Drive, Holland Address of principal executive of		
Registran	t's telephone number, including a	area code: (616) 820-1444	
Indicate by checkmark whether the registrant: (1) has filed all 12 months (or for such shorter period that the registrant was recovery \times No \square			
Indicate by check mark whether the registrant has submitted e and posted pursuant to Rule 405 of Regulation S-T (§232.405 submit and post such files). Yes \boxtimes No \square			
Indicate by check mark whether the registrant is a large acceleration company. See the definitions of "large accelerated filer," "accelerated (Check one):			
Large accelerated filer \square Accelerated filer \boxtimes	Non-accelerated filer □	Smaller reporting company ⊠	Emerging Growth Company
If an emerging growth company, indicate by check mark if the accounting standards provided pursuant to Section 13(a) of the		the extended transition period for comp	lying with any new or revised financial
Indicate by check mark whether the registrant is a shell compar	ny (as defined in Rule 12b-2 of th	ne Exchange Act). Yes□ No ⊠	
The number of shares outstanding of each of the issuer's class-	es of common stock, as of the la	test practicable date: 34,043,697 shares	s of the Company's Common Stock (no

par value) were outstanding as of April 25, 2019.

Forward-Looking Statements

This report contains forward-looking statements that are based on management's beliefs, assumptions, current expectations, estimates and projections about the financial services industry, the economy, and Macatawa Bank Corporation. Forward-looking statements are identifiable by words or phrases such as "outlook", "plan" or "strategy"; that an event or trend "could", "may", "should", "will", "is likely", or is "possible" or "probable" to occur or "continue", has "begun" or "is scheduled" or "on track" or that the Company or its management "anticipates", "believes", "estimates", "plans", "forecasts", "intends", "projects", or "expects" a particular result, or is "committed", "confident", "optimistic" or has an "opinion" that an event will occur, or other words or phrases such as "ongoing", "future", "signs", "efforts", "tend", "exploring", "appearing", "until", "near term", "concern", "going forward", "focus", "starting", "initiative," "trend" and variations of such words and similar expressions. Such statements are based upon current beliefs and expectations and involve substantial risks and uncertainties which could cause actual results to differ materially from those expressed or implied by such forward-looking statements. These statements include, among others, those related to future levels of earning assets, future composition of our loan portfolio, trends in credit quality metrics, future capital levels and capital needs, including the impact of Basel III, real estate valuation, future levels of repossessed and foreclosed properties and nonperforming assets, future levels of losses and costs associated with the administration and disposition of repossessed and foreclosed properties and nonperforming assets, future levels of loan charge-offs, future levels of other real estate owned, future levels of provisions for loan losses and reserve recoveries, the rate of asset dispositions, future dividends, future growth and funding sources, future cost of funds, future liquidity levels, future profitability levels, future interest rate levels, future net interest margin levels, the effects on earnings of changes in interest rates, future economic conditions, future effects of new or changed accounting standards, future loss recoveries, loan demand and loan growth and the future level of other revenue sources. Management's determination of the provision and allowance for loan losses, the appropriate carrying value of intangible assets (including deferred tax assets) and other real estate owned, and the fair value of investment securities (including whether any impairment on any investment security is temporary or other-than-temporary and the amount of any impairment) involves judgments that are inherently forward-looking. All statements with references to future time periods are forward-looking. All of the information concerning interest rate sensitivity is forward-looking. Our ability to sell other real estate owned at its carrying value or at all, successfully implement new programs and initiatives, increase efficiencies, maintain our current levels of deposits and other sources of funding, maintain liquidity, respond to declines in collateral values and credit quality, increase loan volume, originate high quality loans, maintain or improve mortgage banking income, realize the benefit of our deferred tax assets, continue payment of dividends and improve profitability is not entirely within our control and is not assured. The future effect of changes in the real estate, financial and credit markets and the national and regional economy on the banking industry, generally, and Macatawa Bank Corporation, specifically, are also inherently uncertain. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions ("risk factors") that are difficult to predict with regard to timing, extent, likelihood and degree of occurrence. Therefore, actual results and outcomes may materially differ from what may be expressed or forecasted in such forward-looking statements. Macatawa Bank Corporation does not undertake to update forward-looking statements to reflect the impact of circumstances or events that may arise after the date of the forward-looking statements.

Risk factors include, but are not limited to, the risk factors described in "Item 1A - Risk Factors" of our Annual Report on Form 10-K for the year ended December 31, 2018. These and other factors are representative of the risk factors that may emerge and could cause a difference between an ultimate actual outcome and a preceding forward-looking statement.

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Financial Information Part I Item 1.

MACATAWA BANK CORPORATION CONSOLIDATED BALANCE SHEETS As of March 31, 2019 (unaudited) and December 31, 2018 (Dollars in thousands, except per share data)

ASSETS	 March 31, 2019	De	ecember 31, 2018
Cash and due from banks	\$ 28,143	\$	40,526
Federal funds sold and other short-term investments	115,843		130,758
Cash and cash equivalents	143,986		171,284
Debt securities available for sale, at fair value	224,645		226,986
Debt securities held to maturity (fair value 2019 - \$72,733 and 2018 - \$71,505)	70,336		70,334
Federal Home Loan Bank (FHLB) stock	11,558		11,558
Loans held for sale, at fair value	512		415
Total loans	1,384,567		1,405,658
Allowance for loan losses	 (16,892)		(16,876)
Net loans	1,367,675		1,388,782
Premises and equipment – net	44,805		44,862
Accrued interest receivable	5,994		5,279
Bank-owned life insurance	41,433		41,185
Other real estate owned - net	3,261		3,380
Net deferred tax asset	2,660		3,380
Other assets	 9,015		7,679
Total assets	\$ 1,925,880	\$	1,975,124
LIABILITIES AND SHAREHOLDERS' EQUITY			
Deposits			
Noninterest-bearing	\$ 466,631	\$	485,530
Interest-bearing	1,151,233		1,191,209
Total deposits	1,617,864		1,676,739
Other borrowed funds	60,000		60,000
Long-term debt	41,238		41,238
Accrued expenses and other liabilities	8,812		6,294
Total liabilities	1,727,914		1,784,271
Commitments and contingent liabilities	_		_
Shareholders' equity			
Common stock, no par value, 200,000,000 shares authorized; 34,043,697 and 34,045,411 shares issued and outstanding at March 31, 2019 and December 31, 2018	217,842		217,783
Retained deficit	(19,384)		(24,652)
Accumulated other comprehensive income (loss)	(492)		(2,278)
Total shareholders' equity	197,966		190,853
Total liabilities and shareholders' equity	\$ 1,925,880	\$	1,975,124

MACATAWA BANK CORPORATION CONSOLIDATED STATEMENTS OF INCOME Three month periods ended March 31, 2019 and 2018 (unaudited) (Dollars in thousands, except per share data)

	Three Months Ended March 31, 2019	Three Months Ended March 31, 2018
Interest income	46.450	
Loans, including fees	\$ 16,450	\$ 13,710
Securities	205	0.50
Taxable	996	868
Tax-exempt	839	876
FHLB Stock	160	197
Federal funds sold and other short-term investments	744	368
Total interest income	19,189	16,019
Interest expense		
Deposits	2,256	994
Other borrowings	327	369
Long-term debt	586	474
Total interest expense	3,169	1,837
Net interest income	16,020	14,182
Provision for loan losses	(250)	(100)
Net interest income after provision for loan losses	16,270	14,282
Noninterest income	10,270	1 1,202
Service charges and fees	1,050	1,049
Net gains on mortgage loans	211	141
Trust fees	890	925
ATM and debit card fees	1,326	1,278
Gain on sales of securities	-	
Bank owned life insurance ("BOLI") income	236	238
Other	615	501
Total noninterest income	4,328	4,132
Noninterest expense	7,320	7,132
Salaries and benefits	6,244	6,194
Occupancy of premises	1,093	1,072
Furniture and equipment	844	805
Legal and professional	230	202
Marketing and promotion	228	229
Data processing	730	695
FDIC assessment	120	132
Interchange and other card expense	345	332
Bond and D&O Insurance	104	110
Net (gains) losses on repossessed and foreclosed properties	(35)	406
Administration and disposition of problem assets	88	55
Other	1,247	1,202
Total noninterest expenses	11,238	11,434
Income before income tax	9,360	6,980
	9,360 1,714	
Income tax expense		1,225
Net income	\$ 7,646	\$ 5,755
Basic earnings per common share	\$ 0.22	\$ 0.17
Diluted earnings per common share	\$ 0.22	\$ 0.17
Cash dividends per common share	\$ 0.07	\$ 0.06
Cash arraginal per common share	Ψ 0.07	

MACATAWA BANK CORPORATION
CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
Three month periods ended March 31, 2019 and 2018
(unaudited)
(Dollars in thousands)

	 ee Months Ended Jarch 31, 2019	ee Months Ended farch 31, 2018
Net income	\$ 7,646	\$ 5,755
Other comprehensive income:		
Unrealized gains (losses):		
Net change in unrealized gains (losses) on debt securities available for sale	2,261	(2,299)
Tax effect	 (475)	 483
Net change in unrealized gains (losses) on debt securities available for sale, net of tax	1,786	(1,816)
Less: reclassification adjustments:		
Reclassification for gains included in net income	_	_
Tax effect	 <u> </u>	 <u> </u>
Reclassification for gains included in net income, net of tax	_	
Other comprehensive income (loss), net of tax	1,786	(1,816)
Comprehensive income	\$ 9,432	\$ 3,939

MACATAWA BANK CORPORATION CONSOLIDATED STATEMENTS OF CHANGES IN SHAREHOLDERS' EQUITY Three month periods ended March 31, 2019 and 2018

(unaudited)

(Dollars in thousands, except per share data)

	Common Retained			Accumulated Other Comprehensive	S	Total Shareholders'	
	Stock			Deficit	Income (Loss)		Equity
Balance, January 1, 2018, as reported	\$	217,081	\$	(42,804)	\$ (1,291)	\$	172,986
Cumulative effect adjustment upon adoption of ASU 2018-02				278	(278)		
Balance, January 1, 2018, adjusted	\$	217,081	\$	(42,526)	\$ (1,569)	\$	172,986
Reclassification for equity securities upon adoption of ASU 2016-01		_		(24)	24		_
Net income for the three months ended March 31, 2018		_		5,755	_		5,755
Cash dividends at \$.06 per share		_		(2,041)	_		(2,041)
Repurchase of 452 shares for taxes withheld on vested restricted stock		(5)		_	_		(5)
Issuance of 45,000 shares for stock option exercise		386		_	_		386
Net change in unrealized loss on debt securities available for sale, net of tax		_		_	(1,816)		(1,816)
Stock compensation expense		111					111
Balance, March 31, 2018	\$	217,573	\$	(38,836)	\$ (3,361)	\$	175,376

				cumulated Other		Total
	Common	Retained	Com	prehensive	5	Shareholders'
	 Stock	 Deficit	Inco	ome (Loss)		Equity
Balance, January 1, 2019	\$ 217,783	\$ (24,652)	\$	(2,278)	\$	190,853
Net income for the three months ended March 31, 2019	_	7,646		_		7,646
Cash dividends at \$.07 per share	_	(2,378)		_		(2,378)
Net change in unrealized loss on debt securities available for sale, net of tax	_	_		1,786		1,786
Stock compensation expense	 59	_				59
Balance, March 31, 2019	\$ 217,842	\$ (19,384)	\$	(492)	\$	197,966

MACATAWA BANK CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS Three month periods ended March 31, 2019 and 2018 (unaudited) (Dollars in thousands)

	Three Months Ended March 31, 2019	Three Months Ended March 31, 2018
Cash flows from operating activities		
Net income	\$ 7,646	\$ 5,755
Adjustments to reconcile net income to net cash from operating activities:		
Depreciation and amortization	632	534
Stock compensation expense	59	111
Provision for loan losses	(250)	(100)
Origination of loans for sale	(6,881)	(5,140)
Proceeds from sales of loans originated for sale	6,995	6,489
Net gains on mortgage loans	(211)	(141)
Gain on sales of securities	_	_
Write-down of other real estate	10	280
Net gain (loss) on sales of other real estate	(45)	126
Deferred income tax expense	245	285
Change in accrued interest receivable and other assets	(2,063)	(1,120)
Earnings in bank-owned life insurance	(236)	(238)
Change in accrued expenses and other liabilities	2,771	747
Net cash from operating activities	8,672	7,588
Cash flows from investing activities		
Loan originations and payments, net	21,357	(5,354)
Purchases of securities available for sale	(5,297)	(8,502)
Purchases of securities held to maturity	(498)	(5,305)
Proceeds from:	` ,	` ,
Maturities and calls of securities	8,300	10,158
Sales of securities available for sale	<u> </u>	_
Principal paydowns on securities	1,835	1,760
Sales of other real estate	154	431
Additions to premises and equipment	(568)	(142)
Net cash from investing activities	25.283	(6,954)
Cash flows from financing activities	20,200	(0,501)
Change in deposits	(58,875)	(18,138)
Repayments and maturities of other borrowed funds	(10,000)	(11,451)
Proceeds from other borrowed funds	10,000	(11,101)
Proceeds from exercise of stock options		386
Repurchase of shares for taxes withheld on vested restricted stock	_	(5)
Cash dividends paid	(2,378)	(2,041)
Net cash from financing activities	(61,253)	(31,249)
Net change in cash and cash equivalents	$\frac{(01,233)}{(27,298)}$	(30,615)
Cash and cash equivalents at beginning of period	171,284	161,467
Cash and cash equivalents at end of period	\$ 143,986	\$ 130,852

MACATAWA BANK CORPORATION
CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued)
Three month periods ended March 31, 2019 and 2018
(unaudited)
(Dollars in thousands)

	_	Three Months Ended March 31, 2019		hree Months Ended March 31, 2018
Supplemental cash flow information				
Interest paid	\$	2,788	\$	1,828
Income taxes paid		_		_
Supplemental noncash disclosures:				
Transfers from loans to other real estate		_		293
Security settlement		(253)		_

NOTE 1 – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

<u>Principles of Consolidation</u>: The accompanying consolidated financial statements include the accounts of Macatawa Bank Corporation ("the Company", "our", "we") and its wholly-owned subsidiary, Macatawa Bank ("the Bank"). All significant intercompany accounts and transactions have been eliminated in consolidation.

Macatawa Bank is a Michigan chartered bank with depository accounts insured by the Federal Deposit Insurance Corporation. The Bank operates 26 full service branch offices providing a full range of commercial and consumer banking and trust services in Kent County, Ottawa County, and northern Allegan County, Michigan.

The Company owns all of the common stock of Macatawa Statutory Trust I and Macatawa Statutory Trust II. These are grantor trusts that issued trust preferred securities and are not consolidated with the Company under accounting principles generally accepted in the United States of America.

Basis of Presentation: The accompanying unaudited consolidated financial statements have been prepared in accordance with accounting principles generally accepted in the United States of America for interim financial information and with the instructions to Form 10-Q and Article 10 of Regulation S-X. Accordingly, they do not include all of the information and footnotes required by accounting principles generally accepted in the United States of America for complete financial statements. In the opinion of management, all adjustments (consisting only of normal recurring accruals) believed necessary for a fair presentation have been included.

Operating results for the three month period ended March 31, 2019 are not necessarily indicative of the results that may be expected for the year ending December 31, 2019. For further information, refer to the consolidated financial statements and related notes included in the Company's Annual Report on Form 10-K for the year ended December 31, 2018.

<u>Use of Estimates</u>: To prepare financial statements in conformity with accounting principles generally accepted in the United States of America, management makes estimates and assumptions based on available information. These estimates and assumptions affect the amounts reported in the financial statements and the disclosures provided, and future results could differ. The allowance for loan losses, valuation of deferred tax assets, loss contingencies, fair value of other real estate owned and fair values of financial instruments are particularly subject to change.

Allowance for Loan Losses: The allowance for loan losses (allowance) is a valuation allowance for probable incurred credit losses inherent in our loan portfolio, increased by the provision for loan losses and recoveries, and decreased by charge-offs of loans. Management believes the allowance for loan losses balance to be adequate based on known and inherent risks in the portfolio, past loan loss experience, information about specific borrower situations and estimated collateral values, economic conditions and other relevant factors. Allocations of the allowance may be made for specific loans, but the entire allowance is available for any loan that, in management's judgment, should be charged-off. Loan losses are charged against the allowance when management believes the uncollectibility of a loan balance is confirmed. Management continues its collection efforts on previously charged-off balances and applies recoveries as additions to the allowance for loan losses.

The allowance consists of specific and general components. The specific component relates to loans that are individually classified as impaired. The general component covers non-classified loans and is based on historical loss experience adjusted for current qualitative factors. The Company maintains a loss migration analysis that tracks loan losses and recoveries based on loan class and the loan risk grade assignment for commercial loans. At March 31, 2019, an 18 month annualized historical loss experience was used for commercial loans and a 12 month historical loss experience period was applied to residential mortgage loans and consumer loans. These historical loss percentages are adjusted (both upwards and downwards) for certain qualitative factors, including economic trends, credit quality trends, valuation trends, concentration risk, quality of loan review, changes in personnel, external factors and other considerations.

A loan is impaired when, based on current information and events, it is believed to be probable that the Company will be unable to collect all amounts due according to the contractual terms of the loan agreement. Loans for which the terms have been modified and a concession has been made, and for which the borrower is experiencing financial difficulties, are considered troubled debt restructurings and classified as impaired.

Commercial and commercial real estate loans with relationship balances exceeding \$500,000 and an internal risk grading of 6 or worse are evaluated for impairment. If a loan is impaired, a portion of the allowance is allocated and the loan is reported at the present value of estimated future cash flows using the loan's existing interest rate or at the fair value of collateral, less estimated costs to sell, if repayment is expected solely from the collateral. Large groups of smaller balance homogeneous loans, such as consumer and residential real estate loans, are collectively evaluated for impairment and they are not separately identified for impairment disclosures.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

Troubled debt restructurings are also considered impaired with impairment generally measured at the present value of estimated future cash flows using the loan's effective rate at inception or using the fair value of collateral, less estimated costs to sell, if repayment is expected solely from the collateral.

<u>Foreclosed Assets</u>: Assets acquired through or instead of loan foreclosure, primarily other real estate owned, are initially recorded at fair value less estimated costs to sell when acquired, establishing a new cost basis. If fair value declines, a valuation allowance is recorded through expense. Costs after acquisition are expensed unless they add value to the property.

Income Taxes: Income tax expense is the sum of the current year income tax due or refundable and the change in deferred tax assets and liabilities. Deferred tax assets and liabilities are the expected future tax consequences of temporary differences between the carrying amounts and tax bases of assets and liabilities, computed using enacted tax rates. A valuation allowance, if needed, reduces deferred tax assets to the amount expected to be realized.

The Company recognizes a tax position as a benefit only if it is "more likely than not" that the tax position would be sustained in a tax examination, with a tax examination being presumed to occur. The amount recognized is the largest amount of tax benefit that is greater than 50% likely of being realized on examination. For tax positions not meeting the "more likely than not" test, no tax benefit is recorded. The Company recognizes interest and penalties related to income tax matters in income tax expense.

During the first quarter of 2018, the Company adopted ASU 2018-02, allowing for the reclassification of the income tax effects of the revaluation the deferred tax impact on accumulated other comprehensive income (AOCI) due to the enactment of tax reform at the end of 2017. The Company's only component of accumulated other comprehensive income is the fair value adjustment for securities available for sale. Upon adoption of this ASU, a transfer was made from AOCI to retained earnings in the amount of \$278,000.

Revenue Recognition: The Company recognizes revenues as they are earned based on contractual terms, as transactions occur, or as services are provided and collectability is reasonably assured. The Company's primary source of revenue is interest income from the Bank's loans and investment securities. The Company also earns noninterest revenue from various banking services offered by the Bank.

Interest Income: The Company's largest source of revenue is interest income which is primarily recognized on an accrual basis based on contractual terms written into loans and investment contracts.

Noninterest Revenue: The Company derives the majority of its noninterest revenue from: (1) service charges for deposit related services, (2) gains related to mortgage loan sales, (3) trust fees and (4) debit and credit card interchange income. Most of these services are transaction based and revenue is recognized as the related service is provided.

<u>Derivatives</u>: Certain of the Bank's commercial loan customers have entered into interest rate swap agreements directly with the Bank. At the same time the Bank enters into a swap agreement with its customer, the Bank enters into a corresponding interest rate swap agreement with a correspondent bank at terms mirroring the Bank's interest rate swap with its commercial loan customer. This is known as a back-to-back swap agreement. Under this arrangement the Bank has five freestanding interest rate swaps, each of which are carried at fair value. As the terms mirror each other, there is no income statement impact to the Bank. At March 31, 2019 and December 31, 2018, the total notional amount of such agreements was \$65.7 million and \$66.0 million, respectively, and resulted in a derivative asset with a fair value of \$1,055,000 and \$700,000, respectively, which were included in other liabilities.

Reclassifications: Some items in the prior period financial statements were reclassified to conform to the current presentation.

Adoption of New Accounting Standards: FASB issued ASU 2016-02, Leases. The new standard establishes a right-of-use (ROU) model that requires a lessee to record a ROU asset and a lease liability on the balance sheet for all leases with terms longer than 12 months. Leases will be classified as either finance or operating, with classification affecting the pattern of expense recognition in the income statement. The new standard is effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. A modified retrospective transition approach is required for lessees for capital and operating leases existing at, or entered into after, the beginning of the earliest comparative period presented in the financial statements, with certain practical expedients available. As the Company owns most of its branch locations, this ASU applies primarily to operating leases and the impact of adoption of this ASU by the Company had a nominal income impact and resulted in a right-of-use asset of \$800,000 and a corresponding lease obligation liability of \$800,000 being established as of January 1, 2019. The right-of-use asset is included in other assets and the lease obligation liability is included in other liabilities in the March 31, 2019 consolidated balance sheet.

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

FASB issued ASU 2017-12, Targeted Improvements to Accounting for Hedging Activities. This ASU simplifies and expands the eligible hedging strategies for financial and nonfinancial risks by more closely aligning hedge accounting with a company's risk management activities, and also simplifies the application of Topic 815, Derivatives and Hedging, through targeted improvements in key practice areas. This includes expanding the list of items eligible to be hedged and amending the methods used to measure the effectiveness of hedging relationships. In addition, the ASU prescribes how hedging results should be presented and requires incremental disclosures. These changes are intended to allow preparers more flexibility and to enhance the transparency of how hedging results are presented and disclosed. Further, the ASU provides partial relief on the timing of certain aspects of hedge documentation and eliminates the requirement to recognize hedge ineffectiveness separately in earnings in the current period. The ASU was effective for years beginning after December 15, 2018, and interim periods within those years. The impact of adoption of this ASU was not material.

Newly Issued Not Yet Effective Standards: FASB issued ASU No. 2016-13, Financial Instruments—Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments. This ASU provides financial statement users with more decision-useful information about the expected credit losses on financial instruments and other commitments to extend credit held by a reporting entity at each reporting date by replacing the incurred loss impairment methodology in current GAAP with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. The new guidance eliminates the probable initial recognition threshold and, instead, reflects an entity's current estimate of all expected credit losses. The new guidance broadens the information that an entity must consider in developing its expected credit loss estimate for assets measured either collectively or individually to include forecasted information, as well as past events and current conditions. There is no specified method for measuring expected credit losses, and an entity is allowed to apply methods that reasonably reflect its expectations of the credit loss estimate. Although an entity may still use its current systems and methods for recording the allowance for credit losses, under the new rules, the inputs used to record the allowance for credit losses generally will need to change to appropriately reflect an estimate of all expected credit losses and the use of reasonable and supportable forecasts. Additionally, credit losses on available-for-sale debt securities will now have to be presented as an allowance rather than as a write-down. This ASU is effective for fiscal years beginning after December 15, 2019, and for interim periods within those years. The Company selected a software vendor for applying this new ASU, began implementation of the software in the second quarter of 2018, completed integration during the third quarter of 2018 and ran parallel computations with both systems using the current GAAP incurred loss model in the fourth quarter of 2018. The Company went live with this software beginning in January 2019 for its monthly incurred loss computations and began modeling the new current expected credit loss model assumptions to the allowance for loan losses computation in the first quarter of 2019 and will continue throughout 2019. The Company anticipates running parallel computations in the latter part of 2019 and continues to evaluate the impact of adoption of the new standard.

NOTE 2 – SECURITIES

The amortized cost and fair value of securities at period-end were as follows (dollars in thousands):

	Amortized Cost		Gross Unrealized Gains		Gross Unrealized Losses			Fair Value
March 31, 2019								
Available for Sale	Ф	02.056	Φ.		Ф	(0.53)	Φ.	00.005
U.S. Treasury and federal agency securities	\$	93,056	\$	2	\$	(973)	\$	92,085
U.S. Agency MBS and CMOs		33,948		234		(270)		33,912
Tax-exempt state and municipal bonds		46,212		688		(54)		46,846
Taxable state and municipal bonds		45,052		114		(361)		44,805
Corporate bonds and other debt securities		6,999		27		(29)		6,997
	\$	225,267	\$	1,065	\$	(1,687)	\$	224,645
Held to Maturity								
Tax-exempt state and municipal bonds	\$	70,336	\$	2,472	\$	(75)	\$	72,733
	A	mortized Cost	U	Gross nrealized Gains	1	Gross Unrealized Losses		Fair Value
December 31, 2018	A		U	nrealized		Unrealized		
December 31, 2018 Available for Sale	A		U	nrealized	_	Unrealized		
	A \$		\$	nrealized Gains	\$	Unrealized	\$	
Available for Sale		Cost	_	nrealized Gains	_	Unrealized Losses	\$	Value
Available for Sale U.S. Treasury and federal agency securities		97,102	_	nrealized Gains	_	Unrealized Losses (1,710)	\$	Value 95,398
Available for Sale U.S. Treasury and federal agency securities U.S. Agency MBS and CMOs		97,102 33,287	_	Gains 6 97	_	Unrealized Losses (1,710) (494)	\$	95,398 32,890
Available for Sale U.S. Treasury and federal agency securities U.S. Agency MBS and CMOs Tax-exempt state and municipal bonds		97,102 33,287 45,212	_	nrealized Gains 6 97 246	_	Unrealized Losses (1,710) (494) (331)	\$	95,398 32,890 45,127
Available for Sale U.S. Treasury and federal agency securities U.S. Agency MBS and CMOs Tax-exempt state and municipal bonds Taxable state and municipal bonds		97,102 33,287 45,212 46,565	_	6 97 246 59	_	Unrealized Losses (1,710) (494) (331) (690)	\$	95,398 32,890 45,127 45,934
Available for Sale U.S. Treasury and federal agency securities U.S. Agency MBS and CMOs Tax-exempt state and municipal bonds Taxable state and municipal bonds		97,102 33,287 45,212 46,565 7,703	_	6 97 246 59 2	_	Unrealized Losses (1,710) (494) (331) (690) (68)		95,398 32,890 45,127 45,934 7,637

There were no sales of securities in the three month periods ended March 31, 2019 and 2018.

Contractual maturities of debt securities at March 31, 2019 were as follows (dollars in thousands):

	H	leld-to-Matu	rity Sec	urities		Available-for-	Sale S	ecurities		
	Amortized		Fair		A	Amortized		Fair		
	(Cost	ost		Value		Cost			Value
Due in one year or less	\$	8,022	\$	8,054	\$	24,104	\$	24,016		
Due from one to five years		28,932		29,617		129,015		128,063		
Due from five to ten years		13,742	13,742 14,220		38,771		39,237			
Due after ten years	19,640		19,640		2 33,377		33,329			
	\$	\$ 70,336		72,733	\$	225,267	\$	224,645		

NOTE 2 - SECURITIES (Continued)

Securities with unrealized losses at March 31, 2019 and December 31, 2018, aggregated by investment category and length of time that individual securities have been in a continuous unrealized loss position, were as follows (dollars in thousands):

		Less than	12 Mc	onths	 12 Month	s or N	/lore		To		
		Fair	J	Inrealized	Fair	Ţ	Unrealized		Fair		Unrealized
March 31, 2019		Value		Loss	Value		Loss		Value		Loss
Available for Sale							_				_
U.S. Treasury and federal agency securities	\$	_	\$	_	\$ 82,527	\$	(941)	\$	82,527	\$	(941)
U.S. Agency MBS and CMOs		984		(7)	18,194		(263)		19,178		(270)
Tax-exempt state and municipal bonds		268		(1)	6,667		(58)		6,935		(59)
Taxable state and municipal bonds		255		_	36,517		(356)		36,772		(356)
Corporate bonds and other debt securities					8,519		(61)		8,519	_	(61)
Total	\$	1,507	\$	(8)	\$ 152,424	\$	(1,679)	\$	153,931	\$	(1,687)
Held to Maturity											
Tax-exempt state and municipal bonds	\$	_	\$	_	\$ 4,681	\$	(75)	\$	4,681	\$	(75)
	_					_		_		_	
		Less than	12 M	onths	12 Month	s or N	1ore		To	otal	
		Fair		Unrealized	Fair	Ţ	Unrealized		Fair		Unrealized
December 31, 2018		Value		Loss	Value		Loss		Value		Loss
Available for Sale											
U.S. Treasury and federal agency securities	\$	1,974	\$	(26)	\$ 82,895	\$	(1,622)	\$	84,869	\$	(1,648)
U.S. Agency MBS and CMOs		1,728		(13)	18,712		(481)		20,440		(494)
Tax-exempt state and municipal bonds		8,987		(69)	10,785		(262)		19,772		(331)
Taxable state and municipal bonds		4,035		(19)	37,021		(671)		41,056		(690)
Corporate bonds and other debt securities		2 600		(12)	8,170		(118)		10,868		(130)
Corporate bonds and other debt securities		2,698									
Total temporarily impaired	\$	19,422	\$	(139)	\$ 157,583	\$	(3,154)	\$	177,005	\$	(3,293)
*	\$		\$		\$ 	\$	(3,154)	\$	177,005	\$	(3,293)
*	\$		\$		\$ 	\$	(3,154)	\$	177,005	\$	(3,293)

Other-Than-Temporary-Impairment

Tax-exempt state and municipal bonds

Management evaluates securities for other-than-temporary impairment ("OTTI") at least on a quarterly basis, and more frequently when economic or market conditions warrant such an evaluation. At March 31, 2019, 190 securities available for sale with fair values totaling \$153.9 million had unrealized losses totaling \$1.7 million. At March 31, 2019, 6 securities held to maturity with fair values totaling \$4.7 million had unrealized losses totaling \$75,000. Management has the intent and ability to hold the securities classified as held to maturity until they mature, at which time the Company will receive full value for the securities. In addition, management believes it is more likely than not that the Company will not be required to sell any if its investment securities before a recovery of cost. Management determined that the unrealized losses for the three month periods ended March 31, 2019 and 2018 were attributable to changes in interest rates and not due to credit quality. As such, no OTTI charges were necessary during each period.

(76)

4,683

(241)

13,216

(317)

8,533

Securities with a carrying value of approximately \$1.0 million were pledged as security for public deposits, letters of credit and for other purposes required or permitted by law at March 31, 2019 and December 31, 2018.

NOTE 3 – LOANS

Portfolio loans were as follows (dollars in thousands):

	<u> </u>	March 31, 2019		2018
Commercial and industrial	\$	493,891	\$	513,345
Commercial real estate:				
Residential developed		14,723		14,825
Unsecured to residential developers		_		_
Vacant and unimproved		45,423		44,169
Commercial development		701		712
Residential improved		100,801		98,500
Commercial improved		291,612		295,618
Manufacturing and industrial		119,540		114,887
Total commercial real estate		572,800		568,711
Consumer				
Residential mortgage		237,207		238,174
Unsecured		367		130
Home equity		73,631		78,503
Other secured		6,671		6,795
Total consumer		317,876		323,602
Total loans		1,384,567		1,405,658
Allowance for loan losses		(16,892)		(16,876)
	\$	1,367,675	\$	1,388,782

Activity in the allowance for loan losses by portfolio segment was as follows (dollars in thousands):

	C	ommercial and	Com	mercial			
Three months ended March 31, 2019	I	ndustrial	Rea	Estate	Consumer	Unallocated	 Total
Beginning balance	\$	6,856	\$	6,544	\$ 3,449	\$ 27	\$ 16,876
Charge-offs		_		(132)	(25)	_	(157)
Recoveries		136		224	63	_	423
Provision for loan losses		(3)		(189)	 (61)	3	(250)
Ending Balance	\$	6,989	\$	6,447	\$ 3,426	\$ 30	\$ 16,892
	C	ommercial and	Com				
Three months ended March 31, 2018	I	ndustrial		mercial Estate	Consumer	Unallocated	Total
Three months ended March 31, 2018 Beginning balance	<u>I</u>				\$ Consumer 3,494	\$ Unallocated 38	\$ Total 16,600
		6,478 (66)	Rea	6,590	\$ 3,494 (31)	\$	\$
Beginning balance Charge-offs Recoveries		ndustrial 6,478	Rea	Estate	\$ 3,494	\$ 38	\$ 16,600
Beginning balance Charge-offs		6,478 (66)	Rea	6,590	\$ 3,494 (31)	\$ 38	\$ 16,600 (97)
Beginning balance Charge-offs Recoveries		6,478 (66) 34	Rea	6,590 — 203	\$ 3,494 (31) 35	\$ 38 	\$ 16,600 (97) 272

NOTE 3 – LOANS (Continued)

The following table presents the balance in the allowance for loan losses and the recorded investment in loans by portfolio segment and based on impairment method (dollars in thousands):

March 31, 2019 Allowance for loan losses: Ending allowance attributable to loans:		mmercial and ndustrial		mmercial al Estate		Consumer	<u> </u>	Jnallocated	_	Total
Individually reviewed for impairment	\$	438	\$	41	\$	448	\$	_	\$	927
Collectively evaluated for impairment	Ψ	6,551	Ψ	6,406	Ψ	2,978	Ψ	30	Ψ	15,965
Total ending allowance balance	\$	6,989	\$	6,447	\$	3,426	\$	30	\$	16,892
Loans:			_		_				_	
Individually reviewed for impairment	\$	6,624	\$	3,204	\$	6,073	\$	_	\$	15,901
Collectively evaluated for impairment		487,267		569,596		311,803		_		1,368,666
Total ending loans balance	\$	493,891	\$	572,800	\$	317,876	\$	_	\$	1,384,567
	Co	mmercial		. ,						
December 31, 2018 Allowance for loan losses: Ending allowance attributable to loans:	<u>Ir</u>	and ndustrial		mmercial al Estate		Consumer		Jnallocated		Total
Allowance for loan losses:	Ir				\$	Consumer 468	<u> </u>	Jnallocated	\$	Total
Allowance for loan losses: Ending allowance attributable to loans:		ndustrial	Re	al Estate				Unallocated	\$	
Allowance for loan losses: Ending allowance attributable to loans: Individually reviewed for impairment		ndustrial 449	Re	al Estate		468		_	\$	1,098
Allowance for loan losses: Ending allowance attributable to loans: Individually reviewed for impairment Collectively evaluated for impairment		449 6,407	Re \$	181 6,363	\$	468 2,981			\$	1,098 15,778
Allowance for loan losses: Ending allowance attributable to loans: Individually reviewed for impairment Collectively evaluated for impairment Total ending allowance balance Loans: Individually reviewed for impairment		449 6,407	Re \$	181 6,363 6,544 3,499	\$	468 2,981			\$ \$ \$	1,098 15,778
Allowance for loan losses: Ending allowance attributable to loans: Individually reviewed for impairment Collectively evaluated for impairment Total ending allowance balance Loans:	\$ \$	449 6,407 6,856	\$ \$	181 6,363 6,544	\$	468 2,981 3,449	\$		\$	1,098 15,778 16,876
Allowance for loan losses: Ending allowance attributable to loans: Individually reviewed for impairment Collectively evaluated for impairment Total ending allowance balance Loans: Individually reviewed for impairment	\$ \$	449 6,407 6,856 7,375	\$ \$	181 6,363 6,544 3,499	\$	468 2,981 3,449 6,347	\$		\$	1,098 15,778 16,876

NOTE 3 – LOANS (Continued)

The following table presents loans individually evaluated for impairment by class of loans as of March 31, 2019 (dollars in thousands):

	Unpaid Principal Balance			corded	Allowance	
March 31, 2019	Ba	lance	Inve	stment	A	llocated
With no related allowance recorded:						
Commercial and industrial	\$	1,396	\$	1,396	\$	
Commercial real estate:						
Residential developed		_		_		_
Unsecured to residential developers		_		_		_
Vacant and unimproved		134		134		_
Commercial development		_		_		_
Residential improved		136		136		_
Commercial improved		1,646		1,646		_
Manufacturing and industrial				<u> </u>		_
		1,916		1,916		_
Consumer:						
Residential mortgage		_		_		_
Unsecured		_		_		_
Home equity		_		_		_
Other secured		_		_		_
Total with no related allowance recorded	\$	3,312	\$	3,312	\$	_
With an allowance recorded:	· ·	- ,-	<u>-</u>	- ,-		
Commercial and industrial	\$	5,228	\$	5,228	\$	438
Commercial real estate:	Ψ	3,220	Ψ	3,220	Ψ	150
Residential developed		171		171		3
Unsecured to residential developers		1/1		1/1		3
Vacant and unimproved						_
Commercial development						
Residential improved		147		147		11
Commercial improved		595		595		17
Manufacturing and industrial		375		375		10
Manufacturing and industrial		1,288	_	1,288		41
Communication		1,200		1,200	_	41
Consumer:		4.926		4.926		356
Residential mortgage Unsecured		4,826 254		4,826 254		
		254 960		254 960		19
Home equity						71
Other secured		33	_	33		2
		6,073		6,073		448
Total with an allowance recorded	\$	12,589	\$	12,589	\$	927
Total	\$	15,901	\$	15,901	\$	927
						<u>=</u>

NOTE 3 – LOANS (Continued)

The following table presents loans individually evaluated for impairment by class of loans as of December 31, 2018 (dollars in thousands):

December 31, 2018	Unpaid Principal Balance			Recorded Investment		Allowance Allocated	
With no related allowance recorded:		-					
Commercial and industrial	\$	2,515	\$	1,375	\$	_	
Commercial real estate:							
Residential developed		_		_		_	
Unsecured to residential developers		_		_		_	
Vacant and unimproved		143		143		_	
Commercial development		_		_		_	
Residential improved		140		140		_	
Commercial improved		1,675		1,675		_	
Manufacturing and industrial		_		_		_	
		1,958		1,958			
Consumer:							
Residential mortgage		_		_		_	
Unsecured		_		_		_	
Home equity		_		_		_	
Other secured		_		_		_	
Total with no related allowance recorded	\$	4,473	\$	3,333	\$	_	
With an allowance recorded:				,			
Commercial and industrial	\$	6,000	\$	6,000	\$	449	
Commercial real estate:							
Residential developed		172		172		2	
Unsecured to residential developers		_		_		_	
Vacant and unimproved		_		_		_	
Commercial development		_		_		_	
Residential improved		193		193		13	
Commercial improved		794		794		155	
Manufacturing and industrial		382		382		11	
		1,541		1,541		181	
Consumer:							
Residential mortgage		5,029		5,029		371	
Unsecured		· -		_		_	
Home equity		1,318		1,318		97	
Other secured		_		_		_	
		6,347		6,347		468	
Total with an allowance recorded	\$	13,888	\$	13,888	\$	1,098	
Total	S	18,361	\$	17,221	\$	1,098	
	*	10,001	¥	17,221	*	1,000	

NOTE 3 – LOANS (Continued)

The following table presents information regarding average balances of impaired loans and interest recognized on impaired loans for the three month periods ended March 31, 2019 and 2018 (dollars in thousands):

A verse of invariant leave during the paried.	Mor End Marc	Three Months Ended March 31, 2019		Three Months Ended Jarch 31, 2018
Average of impaired loans during the period: Commercial and industrial	\$	6,825	\$	6,847
Commercial real estate:	Ψ	0,025	Ψ	0,017
Residential developed		172		178
Unsecured to residential developers		_		_
Vacant and unimproved		138		168
Commercial development		_		126
Residential improved		308		1,455
Commercial improved		2,340		3,731
Manufacturing and industrial		379		253
Consumer		6,197		8,067
Interest income recognized during impairment:				
Commercial and industrial		288		302
Commercial real estate		44		74
Consumer		75		85
Cash-basis interest income recognized				
Commercial and industrial		282		294
Commercial real estate		49		80
Consumer		76		87

Nonaccrual loans include both smaller balance homogeneous loans that are collectively evaluated for impairment and individually classified impaired loans. The following tables present the recorded investment in nonaccrual and loans past due over 90 days still on accrual by class of loans as of March 31, 2019 and December 31, 2018:

		Over 90 days		
March 31, 2019	Nonaccrual	Accruing		
Commercial and industrial	\$	\$		
Commercial real estate:				
Residential developed	_	_		
Unsecured to residential developers	_	_		
Vacant and unimproved	_	_		
Commercial development	_	_		
Residential improved	102	_		
Commercial improved	111	_		
Manufacturing and industrial				
	213			
Consumer:				
Residential mortgage	195	_		
Unsecured	_	_		
Home equity	_	1		
Other secured				
	195	1		
Total	\$ 408	\$ 1		

NOTE 3 – LOANS (Continued)

December 31, 2018		accrual		r 90 days ccruing
Commercial and industrial	\$	874	\$	
Commercial real estate:	•		•	
Residential developed		_		_
Unsecured to residential developers		_		_
Vacant and unimproved		_		_
Commercial development		_		_
Residential improved		15		_
Commercial improved		303		_
Manufacturing and industrial		_		_
		318		
Consumer:				
Residential mortgage		111		_
Unsecured		_		_
Home equity		_		1
Other secured				<u> </u>
		111	·	1
Total	\$	1,303	\$	1

The following table presents the aging of the recorded investment in past due loans as of March 31, 2019 and December 31, 2018 by class of loans (dollars in thousands):

March 31, 2019	30-90 Days	Greater Than Total 90 Days Past Due			Loans Not Past Due		Total	
Commercial and industrial	\$ 69	\$	_	\$ 69	\$	493,822	\$	493,891
Commercial real estate:								
Residential developed	_		_	_	-	14,723		14,723
Unsecured to residential developers	_		_	_	-	_		_
Vacant and unimproved	_		_	_	-	45,423		45,423
Commercial development	_		_	_	-	701		701
Residential improved	59		102	161		100,640		100,801
Commercial improved	_		111	111		291,501		291,612
Manufacturing and industrial	_		_	_	-	119,540		119,540
	59		213	272	2	572,528		572,800
Consumer:								
Residential mortgage	_		194	194	ļ	237,013		237,207
Unsecured	6		_	ϵ	,	361		367
Home equity	3		1	4	ļ	73,627		73,631
Other secured	 129			129		6,542		6,671
	138		195	333	_	317,543		317,876
Total	\$ 266	\$	408	\$ 674	\$	1,383,893	\$	1,384,567

NOTE 3 - LOANS (Continued)

	30-90 Greater Than		Total	Loans Not	
<u>December 31, 2018</u>	Days	90 Days	Past Due	Past Due	Total
Commercial and industrial	<u> </u>	\$	\$	\$ 513,345	\$ 513,345
Commercial real estate:					
Residential developed	_	_	_	14,825	14,825
Unsecured to residential developers	_	_	_	_	_
Vacant and unimproved	57	_	57	44,112	44,169
Commercial development	_	_	_	712	712
Residential improved	86	16	102	98,398	98,500
Commercial improved	100	303	403	295,215	295,618
Manufacturing and industrial				114,887	114,887
	243	319	562	568,149	568,711
Consumer:					
Residential mortgage	_	110	110	238,064	238,174
Unsecured	7	_	7	123	130
Home equity	67	1	68	78,435	78,503
Other secured	130		130	6,665	6,795
	204	111	315	323,287	323,602
Total	\$ 447	\$ 430	\$ 877	\$ 1,404,781	\$ 1,405,658

The Company had allocated \$927,000 and \$1,098,000 of specific reserves to customers whose loan terms have been modified in troubled debt restructurings ("TDRs") as of March 31, 2019 and December 31, 2018, respectively. These loans may have involved the restructuring of terms to allow customers to mitigate the risk of foreclosure by meeting a lower loan payment requirement based upon their current cash flow. These may also include loans that renewed at existing contractual rates, but below market rates for comparable credit. The Company has been active at utilizing these programs and working with its customers to reduce the risk of foreclosure. For commercial loans, these modifications typically include an interest only period and, in some cases, a lowering of the interest rate on the loan. In some cases, the modification will include separating the note into two notes with the first note structured to be supported by current cash flows and collateral, and the second note made for the remaining unsecured debt. The second note is charged off immediately and collected only after the first note is paid in full. This modification type is commonly referred to as an A-B note structure. For consumer mortgage loans, the restructuring typically includes a lowering of the interest rate to provide payment and cash flow relief. For each restructuring, a comprehensive credit underwriting analysis of the borrower's financial condition and prospects of repayment under the revised terms is performed to assess whether the structure can be successful and that cash flows will be sufficient to support the restructured debt. An analysis is also performed to determine whether the restructured loan should be on accrual status. Generally, if the loan is on accrual at the time of restructure, it will remain on accrual after the restructuring. In some cases, a nonaccrual loan may be placed on accrual at restructuring if the loan's actual payment history demonstrates it would have cash flowed under the restructured terms. After six consec

In situations where there is a subsequent modification or renewal and the loan is brought to market terms, including a contractual interest rate not less than a market interest rate for new debt with similar credit risk characteristics, the TDR and impaired loan designations may be removed. In addition, the TDR designation may also be removed from loans modified under an A-B note structure. If the remaining "A" note is at a market rate at the time of restructuring (taking into account the borrower's credit risk and prevailing market conditions), the loan can be removed from TDR designation in a subsequent calendar year after six months of performance in accordance with the new terms. The market rate relative to the borrower's credit risk is determined through analysis of market pricing information gathered from peers and use of a loan pricing model. The general objective of the model is to achieve a consistent return on equity from one credit to the next, taking into consideration differences in credit risk. In the model, credits with higher risk receive a higher potential loss allocation, and therefore require a higher interest rate to achieve the target return on equity.

As with other impaired loans, an allowance for loan loss is estimated for each TDR based on the most likely source of repayment for each loan. For impaired commercial real estate loans that are collateral dependent, the allowance is computed based on the fair value of the underlying collateral, less estimated costs to sell. For impaired commercial loans where repayment is expected from cash flows from business operations, the allowance is computed based on a discounted cash flow computation. Certain groups of TDRs, such as residential mortgages, have common characteristics and for them the allowance is computed based on a discounted cash flow computation on the change in weighted rate for the pool. The allowance allocations for commercial TDRs where we have reduced the contractual interest rate are computed by measuring cash flows using the new payment terms discounted at the original contractual rate.

NOTE 3 - LOANS (Continued)

The following table presents information regarding troubled debt restructurings as of March 31, 2019 and December 31, 2018 (dollars in thousands):

	March 3	019	Decembe	r 31	31, 2018		
	Number of		Outstanding Recorded	Number of		Outstanding Recorded	
	Loans		Balance	Loans	Balance		
Commercial and industrial	12	\$	6,624	18	\$	6,502	
Commercial real estate	20		3,204	22		3,305	
Consumer	79		6,073	83		6,346	
	111	\$	15,901	123	\$	16,153	

The following table presents information related to accruing troubled debt restructurings as of March 31, 2019 and December 31, 2018. The table presents the amount of accruing troubled debt restructurings that were on nonaccrual status prior to the restructuring, accruing at the time of restructuring and those that were upgraded to accruing status after receiving six consecutive monthly payments in accordance with the restructured terms as of each period reported (dollars in thousands):

Ma	March 31,		ember 31,
	2019		2018
\$	_	\$	_
	9,844		10,336
	5,844		5,693
\$	15,688	\$	16,029
		2019 \$ — 9,844 5,844	\$ \$ 9,844 5,844

The following tables present information regarding troubled debt restructurings executed during the three month periods ended March 31, 2019 and 2018 (dollars in thousands):

	Three Months Ended March 31, 2019					 Three Months Ended March 31, 2018					
				7	Writedown					Writedown	
	# of	Pro	e-TDR		Upon	# of		Pre-TDR		Upon	
	Loans	Ba	alance		TDR	 Loans		Balance		TDR	
Commercial and industrial		\$		\$			\$		\$		
Commercial real estate	_		_		_	3		492			_
Consumer					_	2		68			_
		\$		\$		5	\$	560	\$		

According to the accounting standards, not all loan modifications are TDRs. TDRs are modifications or renewals where the Company has granted a concession to a borrower in financial distress. The Company reviews all modifications and renewals for determination of TDR status. In some situations a borrower may be experiencing financial distress, but the Company does not provide a concession. These modifications are not considered TDRs. In other cases, the Company might provide a concession, such as a reduction in interest rate, but the borrower is not experiencing financial distress. This could be the case if the Company is matching a competitor's interest rate. These modifications would also not be considered TDRs. Finally, any renewals at existing terms for borrowers not experiencing financial distress would not be considered TDRs. As with other loans not considered TDR or impaired, allowance allocations are based on the historical based allocation for the applicable loan grade and loan class.

Payment defaults on TDRs have been minimal and during the three month periods ended March 31, 2019 and 2018, the balance of loans that became delinquent by more than 90 days past due or that were transferred to nonaccrual within 12 months of restructuring were not material.

NOTE 3 - LOANS (Continued)

Credit Quality Indicators: The Company categorizes loans into risk categories based on relevant information about the ability of the borrowers to service their debt such as: current financial information, historical payment experience, credit documentation, public information and current economic trends, among other factors. The Company analyzes commercial loans individually and classifies these relationships by credit risk grading. The Company uses an eight point grading system, with grades 5 through 8 being considered classified, or watch, credits. All commercial loans are assigned a grade at origination, at each renewal or any amendment. When a credit is first downgraded to a watch credit (either through renewal, amendment, loan officer identification or the loan review process), an Administrative Loan Review ("ALR") is generated by the credit department and the loan officer. All watch credits have an ALR completed quarterly which analyzes the collateral position and cash flow of the borrower and its guarantors. Management meets quarterly with loan officers to discuss each of these credits in detail and to help formulate solutions where progress has stalled. When necessary, the loan officer proposes changes to the assigned loan grade as part of the ALR. Additionally, Loan Review reviews all loan grades upon origination, renewal or amendment and again as loans are selected though the loan review process. The credit will stay on the ALR until either its grade has improved to a 4 or the credit relationship is at a zero balance. The Company uses the following definitions for the risk grades:

- 1. Excellent Loans supported by extremely strong financial condition or secured by the Bank's own deposits. Minimal risk to the Bank and the probability of serious rapid financial deterioration is extremely small.
- 2. Above Average Loans supported by sound financial statements that indicate the ability to repay or borrowings secured (and margined properly) with marketable securities. Nominal risk to the Bank and probability of serious financial deterioration is highly unlikely. The overall quality of these credits is very high.
- 3. Good Quality Loans supported by satisfactory asset quality and liquidity, good debt capacity coverage, and good management in all critical positions. Loans are secured by acceptable collateral with adequate margins. There is a slight risk of deterioration if adverse market conditions prevail.
- 4. Acceptable Risk Loans carrying an acceptable risk to the Bank, which may be slightly below average quality. The borrower has limited financial strength with considerable leverage. There is some probability of deterioration if adverse market conditions prevail. These credits should be monitored closely by the Relationship Manager.
- 5. Marginally Acceptable Loans are of marginal quality with above normal risk to the Bank. The borrower shows acceptable asset quality but very little liquidity with high leverage. There is inconsistent earning performance without the ability to sustain adverse market conditions. The primary source of repayment is questionable, but the secondary source of repayment still remains an option. Very close attention by the Relationship Manager and management is needed.
- 6. Substandard Loans are inadequately protected by the net worth and paying capacity of the borrower or the collateral pledged. The primary and secondary sources of repayment are questionable. Heavy debt condition may be evident and volume and earnings deterioration may be underway. It is possible that the Bank will sustain some loss if the deficiencies are not immediately addressed and corrected.
- 7. Doubtful Loans supported by weak or no financial statements, as well as the ability to repay the entire loan, are questionable. Loans in this category are normally characterized less than adequate collateral, insolvent, or extremely weak financial condition. A loan classified doubtful has all the weaknesses inherent in one classified substandard with the added characteristic that the weaknesses makes collection or liquidation in full highly questionable. The possibility of loss is extremely high, however, activity may be underway to minimize the loss or maximize the recovery.
- 8. Loss Loans are considered uncollectible and of little or no value as a bank asset.

NOTE 3 - LOANS (Continued)

As of March 31, 2019 and December 31, 2018, the risk grade category of commercial loans by class of loans were as follows (dollars in thousands):

March 31, 2019	 1	2		3	4	5	6	 7	8	Total
Commercial and industrial	\$ 15,000	\$ 16,222	\$	149,782	\$ 296,388	\$ 10,307	\$ 6,192	\$ _	\$ _	\$ 493,891
Commercial real estate:										
Residential developed	_	_		_	14,295	428	_	_	_	14,723
Unsecured to residential										
developers	_	_		_	_	_	_	_	_	_
Vacant and unimproved	_	9,618		2,826	30,819	2,160	_	_	_	45,423
Commercial development	_	_		85	616	_	_	_	_	701
Residential improved	_	_		19,658	80,677	263	101	102	_	100,801
Commercial improved	_	4,729		62,895	218,562	4,953	362	111	_	291,612
Manufacturing & industrial	 	 3,332		24,923	 86,663	4,622	 	 	 	119,540
	\$ 15,000	\$ 33,901	\$	260,169	\$ 728,020	\$ 22,733	\$ 6,655	\$ 213	\$ 	\$ 1,066,691
			_							
December 31, 2018	1	 2		3	4	5	 6	 7	 8	Total
December 31, 2018 Commercial and industrial	\$ 15,000	\$ 2 15,708	\$	3 164,901	\$ 4 299,622	\$ 5 11,186	\$ 6,054	\$ 7 874	\$ 8	Total \$ 513,345
	\$ 1 15,000	\$ 	\$		\$ 	\$	\$ 	\$ 7 874	\$ <u>8</u>	
Commercial and industrial	\$ 1 15,000	\$ 	\$		\$ 	\$	\$ 	\$ 7 874 —	\$ <u>8</u> 	
Commercial and industrial Commercial real estate:	\$ 1 15,000 —	\$ 	\$		\$ 299,622	\$ 11,186	\$ 	\$ 7 874 —	\$ <u>8</u> — — —	\$ 513,345
Commercial and industrial Commercial real estate: Residential developed	\$ 1 15,000 —	\$ 	\$		\$ 299,622	\$ 11,186	\$ 	\$ 874 —	\$ <u>8</u> — — — — —	\$ 513,345
Commercial and industrial Commercial real estate: Residential developed Unsecured to residential	\$ 1 15,000 — — —	\$ 	\$		\$ 299,622	\$ 11,186	\$ 	\$ 7 874 — — —	\$ 8 - - - -	\$ 513,345
Commercial and industrial Commercial real estate: Residential developed Unsecured to residential developers	\$ _ 	\$ 15,708 —	\$	164,901 — —	\$ 299,622 14,220	\$ 11,186 605	\$ 	\$ 7 874 — — — —	\$ 8 — — — —	\$ 513,345 14,825
Commercial and industrial Commercial real estate: Residential developed Unsecured to residential developers Vacant and unimproved	\$ _ 	\$ 15,708 —	\$	164,901 — — — 3,543	\$ 299,622 14,220 — 30,688	\$ 11,186 605	\$ 	\$ 7 874 — — — — — 15	\$ 8 — — — — —	\$ 513,345 14,825 — 44,169
Commercial and industrial Commercial real estate: Residential developed Unsecured to residential developers Vacant and unimproved Commercial development Residential improved Commercial improved	\$ 	\$ 15,708 — 7,635 — 5,292	\$	164,901 ————————————————————————————————————	\$ 299,622 14,220 — 30,688 626	\$ 11,186 605 — 2,303 —	\$ 6,054 — — — —	\$ _ 	\$ 	\$ 513,345 14,825 ————————————————————————————————————
Commercial and industrial Commercial real estate: Residential developed Unsecured to residential developers Vacant and unimproved Commercial development Residential improved	\$ 	\$ 15,708 ————————————————————————————————————	\$	164,901 ————————————————————————————————————	\$ 299,622 14,220 30,688 626 78,337	\$ 11,186 605 — 2,303 — 311	\$ 6,054 ————————————————————————————————————	\$ 	\$ 	\$ 513,345 14,825

Commercial loans rated a 6 or worse per the Company's internal risk rating system are considered substandard, doubtful or loss. Commercial loans classified as substandard or worse were as follows at period-end (dollars in thousands):

	arch 31,	Dec	cember 31,
	 2019		2018
Not classified as impaired	\$ _	\$	_
Classified as impaired	 6,868		7,802
Total commercial loans classified substandard or worse	\$ 6,868	\$	7,802

The Company considers the performance of the loan portfolio and its impact on the allowance for loan losses. For consumer loan classes, the Company also evaluates credit quality based on the aging status of the loan, which was previously presented, and by payment activity. The following table presents the recorded investment in consumer loans based on payment activity (dollars in thousands):

March 31, 2019	esidential Aortgage	1	Consumer Unsecured	Home Equity	(Consumer Other
Performing	\$ 237,013	\$	367	\$ 73,630	\$	6,671
Nonperforming	 194			1		
Total	\$ 237,207	\$	367	\$ 73,631	\$	6,671
<u>December 31, 2018</u>	esidential Aortgage		Consumer Unsecured	Home Equity		Consumer Other
Performing	Aortgage 238,064			\$	\$	
	/lortgage		Unsecured	\$ Equity	\$	Other

NOTE 4 – OTHER REAL ESTATE OWNED

Other real estate owned was as follows (dollars in thousands):

	Three Months Ended March 31, 2019	Year Ended December 31, 2018	Three Months Ended March 31, 2018
Beginning balance	\$ 4,183	\$ 9,140	\$ 9,140
Additions, transfers from loans		293	293
Proceeds from sales of other real estate owned	(154)	(2,212)	(431)
Valuation allowance reversal upon sale	(77)	(2,893)	(1,787)
Gain / (loss) on sales of other real estate owned	45	(145)	(126)
	3,997	4,183	7,089
Less: valuation allowance	(736)	(803)	(1,866)
Ending balance	\$ 3,261	\$ 3,380	\$ 5,223

Activity in the valuation allowance was as follows (dollars in thousands):

		Three	7	Three
	Mor	nths Ended	Mon	ths Ended
	M	larch 31,	Ma	arch 31,
		2019		2018
Beginning balance	\$	803	\$	3,373
Additions charged to expense		10		280
Reversals upon sale		(77)		(1,787)
Ending balance	\$	736	\$	1,866

NOTE 5 - FAIR VALUE

ASC Topic 820, Fair Value Measurements and Disclosures, establishes a fair value hierarchy which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The three levels of inputs that may be used to measure fair value include:

- Level 1: Quoted prices (unadjusted) for identical assets or liabilities in active markets that the entity has the ability to access as of the measurement date.
- <u>Level 2</u>: Significant other observable inputs other than Level 1 prices such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.
- <u>Level 3</u>: Significant unobservable inputs that reflect a reporting entity's own assumptions about the assumptions that market participants would use in pricing an asset or liability.

<u>Investment Securities</u>: The fair values of investment securities are determined by matrix pricing, which is a mathematical technique widely used in the industry to value debt securities without relying exclusively on quoted prices for the specific securities but rather by relying on the securities' relationship to other benchmark quoted securities (Level 2 inputs). The fair values of certain securities held to maturity are determined by computing discounted cash flows using observable and unobservable market inputs (Level 3 inputs).

Loans Held for Sale: The fair value of loans held for sale is based upon binding quotes from third party investors (Level 2 inputs).

Impaired Loans: Loans identified as impaired are measured using one of three methods: the loan's observable market price, the fair value of collateral or the present value of expected future cash flows. For each period presented, no impaired loans were measured using the loan's observable market price. If an impaired loan has had a chargeoff or if the fair value of the collateral is less than the recorded investment in the loan, we establish a specific reserve and report the loan as nonrecurring Level 3. The fair value of collateral of impaired loans is generally based on recent real estate appraisals. These appraisals may utilize a single valuation approach or a combination of approaches including comparable sales and the income approach. Adjustments are routinely made in the appraisal process by the appraisers to adjust for differences between the comparable sales and income data available. Such adjustments are usually significant and typically result in a Level 3 classification of the inputs for determining fair value.

NOTE 5 – FAIR VALUE (Continued)

Other Real Estate Owned: Other real estate owned (OREO) properties are initially recorded at fair value, less estimated costs to sell when acquired, establishing a new cost basis. Adjustments to OREO are measured at fair value, less costs to sell. Fair values are generally based on third party appraisals or realtor evaluations of the property. These appraisals and evaluations may utilize a single valuation approach or a combination of approaches including comparable sales and the income approach. Adjustments are routinely made in the appraisal process by the appraisers to adjust for differences between the comparable sales and income data available. Such adjustments are usually significant and typically result in a Level 3 classification. In cases where the carrying amount exceeds the fair value, less estimated costs to sell, an impairment loss is recognized through a valuation allowance, and the property is reported as nonrecurring Level 3.

Interest Rate Swaps: For interest rate swap agreements, we measure fair value utilizing pricing provided by a third-party pricing source that that uses market observable inputs, such as forecasted yield curves, and other unobservable inputs and accordingly, interest rate swap agreements are classified as Level 3.

Assets measured at fair value on a recurring basis are summarized below (in thousands):

M. 1.21.2010	-	air alue		Quoted Prices in Active Markets for Identical Assets (Level 1)	Si	ignificant Other Observable Inputs (Level 2)		Significant Unobservable Inputs (Level 3)
March 31, 2019 U.S. Transpure and fordered approximation	\$	92,085	\$		₽.	92,085	\$	
U.S. Treasury and federal agency securities	\$		Э	_	\$		3	_
U.S. Agency MBS and CMOs		33,912				33,912		_
Tax-exempt state and municipal bonds		46,845		_		46,845		_
Taxable state and municipal bonds		44,806				44,806		_
Corporate bonds and other debt securities		6,997		_		6,997		_
Other equity securities		1,456		_		1,456		_
Loans held for sale		512		_		512		_
Interest rate swaps		1,055		_		_		1,055
Interest rate swaps		(1,055)		_		_		(1,055)
<u>December 31, 2018</u>								
U.S. Treasury and federal agency securities	\$	95,398	\$	_	\$	95,398	\$	_
U.S. Agency MBS and CMOs		32,890		_		32,890		_
Tax-exempt state and municipal bonds		45,127		_		45,127		_
Taxable state and municipal bonds		45,934		_		45,934		_
Corporate bonds and other debt securities		7,637		_		7,637		_
Other equity securities		1,438		_		1,438		_
Loans held for sale		415		_		415		_
Interest rate swaps		700		_		_		700
Interest rate swaps		(700)		_		_		(700)

Assets measured at fair value on a non-recurring basis are summarized below (in thousands):

	 Fair Value	Ā	uoted Prices in active Markets for Identical Assets (Level 1)	Si	ignificant Other Observable Inputs (Level 2)	Uı	Significant nobservable Inputs (Level 3)
March 31, 2019	 		<u>.</u>				
Impaired loans	\$ 2,205	\$	_	\$	_	\$	2,205
Other real estate owned	1,044		_		_		1,044
<u>December 31, 2018</u>							
Impaired loans	\$ 3,211	\$	_	\$	_	\$	3,211
Other real estate owned	1,205		_		_		1,205

NOTE 5 – FAIR VALUE (Continued)

Quantitative information about Level 3 fair value measurements measured on a non-recurring basis was as follows at period end (dollars in thousands):

	sset Fair Value	Valuation Technique	Unobservable Inputs	Range (%)
March 31, 2019		1		
			Adjustment for differences	
Impaired Loans	\$ 2,205	Sales comparison approach	between comparable sales	1.0 to 20.0
		Income approach	Capitalization rate	9.5 to 11.0
			Adjustment for differences	
Other real estate owned	1,044	Sales comparison approach	between comparable sales	3.0 to 20.0
		Income approach	Capitalization rate	9.5 to 11.0
December 31, 2018	sset Fair Value	Valuation Technique	Unobservable Inputs	Range (%)
			Adjustment for differences	
Impaired Loans	\$ 3,211	Sales comparison approach	between comparable sales	1.0 to 15.0
		Income approach	Capitalization rate	9.5 to 11.0
			Adjustment for differences	
Other real estate owned	1,205	Sales comparison approach	between comparable sales	3.0 to 20.0
		Income approach	Capitalization rate	9.5 to 11.0
		-27-		

NOTE 5 - FAIR VALUE (Continued)

The carrying amounts and estimated fair values of financial instruments, not previously presented, were as follows at March 31, 2019 and December 31, 2018 (dollars in thousands):

	Level in	Level in March 31, 2019			r 31, 2018
	Fair Value Hierarchy	Carrying Amount	Fair Value	Carrying Amount	Fair Value
Financial assets					
Cash and due from banks	Level 1	\$ 28,143	\$ 28,143	\$ 40,526	\$ 40,526
Cash equivalents	Level 2	115,843	115,843	130,758	130,758
Securities held to maturity	Level 3	70,336	72,733	70,334	71,505
FHLB stock		11,558	NA	11,558	NA
Loans, net	Level 2	1,365,470	1,377,058	1,385,571	1,403,005
Bank owned life insurance	Level 3	41,433	41,433	41,185	41,185
Accrued interest receivable	Level 2	5,994	5,994	5,279	5,279
Financial liabilities					
Deposits	Level 2	(1,617,864)	(1,619,043)	(1,676,739)	(1,677,634)
Other borrowed funds	Level 2	(60,000)	(59,811)	(60,000)	(59,092)
Long-term debt	Level 2	(41,238)	(37,095)	(41,238)	(37,046)
Accrued interest payable	Level 2	(883)	(883)	(503)	(503)
Off-balance sheet credit-related items					` ′
Loan commitments		_	_	_	_

The methods and assumptions used to estimate fair value are described as follows.

Carrying amount is the estimated fair value for cash and cash equivalents, bank owned life insurance, accrued interest receivable and payable, demand deposits, short-term borrowings and variable rate loans or deposits that reprice frequently and fully. Security fair values are determined by matrix pricing, which is a mathematical technique widely used in the industry to value debt securities as discussed above. For fixed rate loans, interest-bearing time deposits in other financial institutions, or deposits and for variable rate loans or deposits with infrequent repricing or repricing limits, fair value is based on discounted cash flows using current market rates applied to the estimated life and credit risk (including consideration of widening credit spreads). Fair value of debt is based on current rates for similar financing. It was not practicable to determine the fair value of FHLB stock due to restrictions placed on its transferability. The fair value of off-balance sheet credit-related items is not significant.

The estimated fair values of financial instruments disclosed above as follow the guidance in ASU 2016-01 which prescribes an "exit price" approach in estimating and disclosing fair value of financial instruments incorporating discounts for credit, liquidity and marketability factors.

NOTE 6 - DEPOSITS

Deposits are summarized as follows (dollars in thousands):

	N	Aarch 31,	De	cember 31,
		2019		2018
Noninterest-bearing demand	\$	466,631	\$	485,530
Interest bearing demand		406,559		456,260
Savings and money market accounts		604,473		609,425
Certificates of deposit		140,201		125,524
	\$	1,617,864	\$	1,676,739

Time deposits that exceed the FDIC insurance limit of \$250,000 were approximately \$44.3 million at March 31, 2019 and \$39.6 million at December 31, 2018.

NOTE 7 - OTHER BORROWED FUNDS

Other borrowed funds include advances from the Federal Home Loan Bank and borrowings from the Federal Reserve Bank.

Federal Home Loan Bank Advances

At period-end, advances from the Federal Home Loan Bank were as follows (dollars in thousands):

	A	Advance		Weighted Average
Principal Terms		Amount	Range of Maturities	Interest Rate
March 31, 2019				
Single maturity fixed rate advances	\$	40,000	April 2021 to July 2024	2.50%
Putable advances		20,000	November 2024	1.81%
	\$	60,000		
	-	Advance	D	Weighted Average
Principal Terms		Amount	Range of Maturities	Interest Rate
December 31, 2018				
Single maturity fixed rate advances	\$		February 2019 to July 2024	2.27%
Putable advances		20,000	November 2024	1.81%
	\$	60,000		

NOTE 7 - OTHER BORROWED FUNDS (Continued)

Each advance is subject to a prepayment fee if paid prior to its maturity date. Fixed rate advances are payable at maturity. Amortizable mortgage advances are fixed rate advances with scheduled repayments based upon amortization to maturity. These advances were collateralized by residential and commercial real estate loans totaling \$516.2 million and \$476.4 million under a blanket lien arrangement at March 31, 2019 and December 31, 2018, respectively.

Scheduled repayments of FHLB advances as of March 31, 2019 were as follows (in thousands):

2019	\$ _
2020	_
2021	10,000
2022	_
2023	10,000
Thereafter	40,000
	\$ 60,000

Federal Reserve Bank borrowings

The Company has a financing arrangement with the Federal Reserve Bank. There were no borrowings outstanding at March 31, 2019 and December 31, 2018, and the Company had approximately \$15.1 million and \$16.9 million in unused borrowing capacity based on commercial and mortgage loans pledged to the Federal Reserve Bank totaling \$18.2 million and \$18.2 million at March 31, 2019 and December 31, 2018, respectively.

NOTE 8 - EARNINGS PER COMMON SHARE

A reconciliation of the numerators and denominators of basic and diluted earnings per common share for the three month periods ended March 31, 2019 and 2018 are as follows (dollars in thousands, except per share data):

	Three Months		T	hree Months
		Ended		Ended
	Ma	rch 31, 2019	M	arch 31, 2018
Net income available to common shares	\$	7,646	\$	5,755
Weighted average shares outstanding, including participating stock awards - Basic		34,040,380		34,010,396
Dilutive potential common shares:				
Stock options		_		1,196
Weighted average shares outstanding - Diluted		34,040,380		34,011,592
Basic earnings per common share	\$	0.22	\$	0.17
Diluted earnings per common share	\$	0.22	\$	0.17

There were no antidilutive shares of common stock in the three month periods ended March 31, 2019 and 2018.

NOTE 9 - FEDERAL INCOME TAXES

Income tax expense was as follows (dollars in thousands):

	Three	Three Months		Months
	Eı	Ended		ded
	March	31, 2019	March	31, 2018
Current	\$	1,469	\$	940
Deferred		245		285
	\$	1,714	\$	1,225

The difference between the financial statement tax expense and amount computed by applying the statutory federal tax rate to pretax income was reconciled as follows (dollars in thousands):

	Three	Three Months		Months
	E	Ended		ıded
	March	31, 2019	March	31, 2018
Statutory rate		21%		21%
Statutory rate applied to income before taxes	\$	1,966	\$	1,466
Deduct				
Tax-exempt interest income		(167)		(179)
Bank-owned life insurance		(50)		(50)
Other, net		(35)		(12)
	\$	1,714	\$	1,225

The realization of deferred tax assets (net of a recorded valuation allowance) is largely dependent upon future taxable income, future reversals of existing taxable temporary differences and the ability to carryback losses to available tax years. In assessing the need for a valuation allowance, we consider positive and negative evidence, including taxable income in carry-back years, scheduled reversals of deferred tax liabilities, expected future taxable income and tax planning strategies. At March 31, 2019 and December 31, 2018, a valuation allowance of \$92,000 was established for a capital loss carryforward related to the liquidation of assets of a partnership interest the Bank acquired through a loan settlement. Management believes it is more likely than not that all of the remaining deferred tax assets will be realized against deferred tax liabilities and projected future taxable income.

The net deferred tax asset recorded included the following amounts of deferred tax assets and liabilities (dollars in thousands):

	March 31, 2019	December 31, 2018
Deferred tax assets		
Allowance for loan losses	\$ 3,547	\$ 3,544
Nonaccrual loan interest	245	268
Valuation allowance on other real estate owned	218	218
Unrealized loss on securities available for sale	131	606
Other	225	302
Gross deferred tax assets	4,366	4,938
Valuation allowance	(92	(92)
Total net deferred tax assets	4,274	4,846
Deferred tax liabilities		
Depreciation	(1,150	(1,005)
Prepaid expenses	(200	(200)
Other	(264) (261)
Gross deferred tax liabilities	(1,614	(1,466)
Net deferred tax asset	\$ 2,660	\$ 3,380
		

There were no unrecognized tax benefits at March 31, 2019 or December 31, 2018 and the Company does not expect the total amount of unrecognized tax benefits to significantly increase or decrease in the next twelve months. The Company is no longer subject to examination by the Internal Revenue Service for years before 2015.

NOTE 10 - COMMITMENTS AND OFF BALANCE-SHEET RISK

Some financial instruments are used to meet customer financing needs and to reduce exposure to interest rate changes. These financial instruments include commitments to extend credit and standby letters of credit. These involve, to varying degrees, credit and interest rate risk in excess of the amount reported in the financial statements.

Commitments to extend credit are agreements to lend to a customer as long as there is no violation of any condition established in the commitment, and generally have fixed expiration dates. Collateral or other security is normally not obtained for these financial instruments prior to their use and many of the commitments are expected to expire without being used. Standby letters of credit are conditional commitments to guarantee a customer's performance to a third party. Exposure to credit loss if the other party does not perform is represented by the contractual amount for commitments to extend credit and standby letters of credit.

A summary of the contractual amounts of financial instruments with offbalance-sheet risk was as follows at period-end (dollars in thousands):

	March 31,	December 31,
	2019	2018
Commitments to make loans	\$ 100,618	\$ 77,391
Letters of credit	16,265	15,802
Unused lines of credit	471,991	486,203

The notional amount of commitments to fund mortgage loans to be sold into the secondary market was approximately \$12.2 million and \$4.1 million at March 31, 2019 and December 31, 2018, respectively.

At March 31, 2019, approximately 24.5% of the Bank's commitments to make loans were at fixed rates, offered at current market rates. The remainder of the commitments to make loans were at variable rates tied to prime or one month LIBOR and generally expire within 30 days. The majority of the unused lines of credit were at variable rates tied to prime.

NOTE 11 – CONTINGENCIES

The Company and its subsidiaries periodically become defendants in certain claims and legal actions arising in the ordinary course of business. As of March 31, 2019, there were no material pending legal proceedings to which the Company or any of its subsidiaries are a party or which any of its properties are the subject.

NOTE 12 - SHAREHOLDERS' EQUITY

Regulatory Capital

The Company and the Bank are subject to regulatory capital requirements administered by federal banking agencies. Capital adequacy guidelines and prompt corrective action regulations involve quantitative measures of assets, liabilities, and certain off-balance-sheet items calculated under regulatory accounting practices. Capital amounts and classifications are also subject to qualitative judgments by regulators about components, risk weightings, and other factors, and the regulators can lower classifications in certain cases. Failure to meet various capital requirements can initiate regulatory action that could have a direct material effect on the financial statements

The prompt corrective action regulations provide five categories, including well capitalized, adequately capitalized, undercapitalized, significantly undercapitalized, and critically undercapitalized, although these terms are not used to represent overall financial condition. If a bank is only adequately capitalized, regulatory approval is required to, among other things, accept, renew or roll-over brokered deposits. If a bank is undercapitalized, capital distributions and growth and expansion are limited, and plans for capital restoration are required.

In July 2013, the Board of Governors of the Federal Reserve Board and the FDIC approved the final rules implementing the Basel Committee on Banking Supervision's capital guidelines for U.S. banks (commonly known as Basel III). Under the final rules, minimum requirements increased for both the quantity and quality of capital held by the Company and the Bank. The rules include a new common equity Tier 1 capital to risk-weighted assets ratio (CET1 ratio) of 4.5% and a capital conservation buffer of 2.5% of risk-weighted assets, which effectively resulted in a minimum CET1 ratio of 7.0%. Basel III ratio of Tier 1 capital to risk-weighted assets from 4.0% (which, with the capital conservation buffer, effectively resulted in a minimum Tier 1 capital ratio of 8.5%), which effectively resulted in a minimum total capital to risk-weighted assets ratio of 10.5% (with the capital conservation buffer), and requires a minimum leverage ratio of 4.0%. Basel III also made changes to risk weights for certain assets and off-balance-sheet exposures.

NOTE 12 - SHAREHOLDERS' EQUITY (Continued)

At March 31, 2019 and December 31, 2018, actual capital levels and minimum required levels were (dollars in thousands):

	Actua	ıl	Minimum Minimum Capital Capital Adequacy With Adequacy Capital Buffer			Adequacy With		Well ed Under orrective egulations
	Amount	Ratio	Amount	Ratio	Amount	Ratio	Amount	Ratio
March 31, 2019	<u> </u>					· <u></u>		
CET1 capital (to risk weighted assets)								
Consolidated	\$ 198,458	12.6%	\$ 71,173	4.5%	\$ 110,713	7.0%	N/A	N/A
Bank	231,907	14.7	71,167	4.5	110,705	7.0	\$ 102,797	6.5%
Tier 1 capital (to risk weighted assets)								
Consolidated	238,458	15.1	94,897	6.0	134,437	8.5	N/A	N/A
Bank	231,907	14.7	94,890	6.0	134,427	8.5	126,520	8.0
Total capital (to risk weighted assets)								
Consolidated	255,350	16.1	126,529	8.0	166,070	10.5	N/A	N/A
Bank	248,799	15.7	126,520	8.0	166,057	10.5	158,149	10.0
Tier 1 capital (to average assets)								
Consolidated	238,458	12.2	78,026	4.0	N/A	N/A	N/A	N/A
Bank	231,907	11.9	77,962	4.0	N/A	N/A	97,453	5.0
December 31, 2018								
CET1 capital (to risk weighted assets)								
Consolidated	\$ 193,131	12.0%	\$ 72,381	4.5%	\$ 102,540	6.4%	N/A	N/A
Bank	226,531	14.1	72,371	4.5	102,526	6.4	\$ 104,536	6.5%
Tier 1 capital (to risk weighted assets)								
Consolidated	233,131	14.5	96,508	6.0	126,667	7.9	N/A	N/A
Bank	226,531	14.1	96,495	6.0	126,649	7.9	128,660	8.0
Total capital (to risk weighted assets)								
Consolidated	250,007	15.5	128,678	8.0	158,837	9.9	N/A	N/A
Bank	243,407	15.1	128,660	8.0	158,814	9.9	160,825	10.0
Tier 1 capital (to average assets)								
Consolidated	233,131	12.1	76,963	4.0	N/A	N/A	N/A	N/A
Bank	226,531	11.8	76,902	4.0	N/A	N/A	96,128	5.0

Approximately \$40.0 million of trust preferred securities outstanding at March 31, 2019 and December 31, 2018, respectively, qualified as Tier 1 capital. Refer to our 2018 Form 10-K for more information on the trust preferred securities.

The Bank was categorized as "well capitalized" at March 31, 2019 and December 31, 2018.

Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

Macatawa Bank Corporation is a Michigan corporation and a registered bank holding company. It wholly-owns Macatawa Bank, Macatawa Statutory Trust I and Macatawa Statutory Trust II. Macatawa Bank is a Michigan chartered bank with depository accounts insured by the FDIC. The Bank operates twenty-six branch offices and a lending and operational service facility, providing a full range of commercial and consumer banking and trust services in Kent County, Ottawa County, and northern Allegan County, Michigan. Macatawa Statutory Trusts I and II are grantor trusts and issued \$20.0 million each of pooled trust preferred securities. These trusts are not consolidated in our Consolidated Financial Statements.

At March 31, 2019, we had total assets of \$1.93 billion, total loans of \$1.38 billion, total deposits of \$1.62 billion and shareholders' equity of \$198.0 million. For the three months ended March 31, 2019, we recognized net income of \$7.6 million compared to \$5.8 million for the same period in 2018. The Bank was categorized as "well capitalized" under regulatory capital standards at March 31, 2019.

We paid a dividend of \$0.06 per share in the first, second and third quarters of 2018 and \$0.07 per share in the fourth quarter of 2018 and the first quarter of 2019.

RESULTS OF OPERATIONS

Summary: Net income for the three months ended March 31, 2019 was \$7.6 million, compared to \$5.8 million for the same period in 2018. Net income per share on a diluted basis for the three months ended March 31, 2019 was \$0.22 compared to \$0.17 for the same period in 2018.

The increase in earnings in the three months ended March 31, 2019 compared to the same period in 2018 was due primarily to increased net interest income. Net interest income increased to \$16.0 million in the three months ended March 31, 2019 compared to \$14.2 million in the same period in 2018.

Other items impacting earnings included nonperforming asset expenses (including administration costs and losses), which were \$53,000 for three months ended March 31, 2019 compared to \$461,000 for the same period in 2018. Also, the provision for loan losses was a negative \$250,000 for the three months ended March 31, 2019, compared to a negative \$100,000 for the same period in 2018. We again were in a net loan recovery position for the three months ended March 31, 2019, with \$266,000 in net loan recoveries, compared to \$175,000 in net loan recoveries in the same period in 2018. Each of these items is discussed more fully below.

Net Interest Income: Net interest income totaled \$16.0 million for the three months ended March 31, 2019 compared to \$14.2 million for the same period in 2018.

Net interest income was positively impacted in the three months ended March 31, 2019 by an increase in average earning assets of \$103.3 million compared to the same period in 2018. Also, our average yield on earning assets for the three months ended March 31, 2019 increased 48 basis points compared to the same period in 2018 from 3.76% to 4.24%.

Net interest income for the first quarter of 2019 increased \$1.8 million compared to the same period in 2018. Of this increase, \$1.0 million was due to changes in rates earned or paid, while \$832,000 was from changes in the volume of average interest assets and interest bearing liabilities. The largest changes came in commercial loan interest income which increased by \$2.4 million in the first quarter of 2019. Of the \$2.4 million increase in interest income on commercial loans, \$1.5 million was due to increases in rates earned and \$880,000 was due to increases in average balances. Net interest income in the first quarter of 2019 also benefitted from a prepayment fee of \$211,000 collected upon early payoff of a commercial loan.

Average interest earning assets totaled \$1.83 billion for three months ended March 31, 2019 compared to \$1.73 billion for the same period in 2018. An increase of \$84.5 million in average loans between periods and an increase of \$27.6 million in average federal funds sold and other short-term investments were the primary drivers of the increase. The net interest margin was 3.54% for the three months ended March 31, 2019 compared to 3.34% for the same period in 2018. Yield on commercial loans increased from 4.31% for three months ended March 31, 2018 to 4.89% for the same period in 2019. Yield on residential mortgage loans increased from 3.49% for the three months ended March 31, 2018 to 3.69% for the same period in 2019, while yields on consumer loans increased from 4.48% for the first quarter of 2018 to 5.27% for the first quarter of 2019. The increases in yields on commercial loans and consumer loans, in particular, were the result of the predominance of loans in these categories with variable rates of interest tied to prime and LIBOR which increased significantly from 2018 to 2019.

The Federal Reserve Board increased the target federal funds rate by 100 basis points between December 2016 and December 2017, and by another 100 basis points in 2018. These increases have had a net positive impact on our net interest margin position as more loans repriced at the higher rate than our funding sources.

The cost of funds increased to 1.00% in the first quarter of 2019 compared to 0.61% in the first quarter of 2018. Increases in the rates paid on our interest-bearing checking, savings and money market accounts in response to the federal funds rate increases over the past two years caused the increase in our cost of funds.

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The following table shows an analysis of net interest margin for the three month periods ended March 31, 2019 and 2018 (dollars in thousands):

			F	or the three months	ended March 31,			
			2019		,			
	Average Balance		Interest Earned or Paid	Average Yield or Cost	Average Balance		Interest Earned or Paid	Average Yield or Cost
Assets								
Taxable securities	\$ 183,487	\$	996	2.17%	*, .	\$	868	1.94%
Tax-exempt securities (1)	116,094		839	3.72	129,217		876	3.49
Commercial loans (2)	1,077,500		13,169	4.89	999,622		10,761	4.31
Residential mortgage loans	238,558		2,197	3.69	228,687		1,994	3.49
Consumer loans	83,348		1,084	5.27	86,590		955	4.48
Federal Home Loan Bank stock	11,558		160	5.55	11,558		197	6.81
Federal funds sold and other short-term								
investments	123,379		744	2.41	95,779		368	1.54
Total interest earning assets (1)	1,833,924		19,189	4.24	1,730,576		16,019	3.76
Noninterest earning assets:								
Cash and due from banks	28,833				28,606			
Other	 85,544				86,729			
Total assets	\$ 1,948,301				\$ 1,845,911			
Liabilities					·			
Deposits:								
Interest bearing demand	\$ 422,109	\$	406	0.39%	\$ 380,100	\$	146	0.16%
Savings and money market accounts	622,829		1,225	0.80	605,249		615	0.41
Time deposits	137,717		625	1.84	97,926		233	0.97
Borrowings:								
Other borrowed funds	59,779		327	2.19	87,474		370	1.69
Long-term debt	41,238		586	5.68	41,238		473	4.59
Total interest bearing liabilities	1,283,672		3,169	1.00	1,211,987		1,837	0.61
Noninterest bearing liabilities:			ĺ				ĺ	
Noninterest bearing demand accounts	463,613				454,101			
Other noninterest bearing liabilities	7,553				5,910			
Shareholders' equity	193,463				173,913			
Total liabilities and shareholders' equity	\$ 1,948,301				\$ 1,845,911	_		
Net interest income		\$	16,020			\$	14,182	
Net interest spread (1)				3.24%				3.15%
Net interest margin (1)				3.54%				3.34%
Ratio of average interest earning assets to average interest bearing liabilities	142.87%)			142.799	6		

Yields are presented on a tax equivalent basis using a 21% at March 31, 2019 and 2018, respectively.

Includes loan fees of \$350,000 and \$126,000 for the three months ended March 31, 2019 and 2018. Includes average nonaccrual loans of approximately \$757,000 and \$497,000 for the three months ended March 31, 2019 and 2018.

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The following table presents the dollar amount of changes in net interest income due to changes in volume and rate:

For the three months ended March 31, 2019 vs 2018

		Increase (Decrease) Due to				
	Volum	e	Rate		Total	
(Dollars in thousands)						
Interest income						
Taxable securities	\$	22 \$	106	\$	128	
Tax-exempt securities		(382)	345		(37)	
Commercial loans		880	1,528		2,408	
Residential mortgage loans		88	115		203	
Consumer loans		(218)	347		129	
Federal Home Loan Bank stock		_	(37)		(37)	
Federal funds sold and other short-term investments		126	250		376	
Total interest income		516	2,654		3,170	
Interest expense						
Interest bearing demand	\$	18 \$	242	\$	260	
Savings and money market accounts		18	592		610	
Time deposits		121	271		392	
Other borrowed funds		(473)	430		(43)	
Long-term debt		_	113		113	
Total interest expense		(316)	1,648		1,332	
Net interest income	\$	832 \$	1,006	\$	1,838	

Provision for Loan Losses: The provision for loan losses for the three months ended March 31, 2019 was a negative \$250,000 compared to a negative \$100,000 for the same period in 2018. The negative provisions for loan losses for each period were the result of continued stabilization of real estate values on problem credits, continued improvement in asset quality metrics and net loan recoveries of \$266,000 in the three months ended March 31, 2019 and \$175,000 in the same period in 2018.

Gross loan recoveries were \$423,000 for the three months ended March 31, 2019 and \$272,000 for the same period in 2018. In the three months ended March 31, 2019, we had \$157,000 in charge-offs, compared to \$97,000 in the same period in 2018. We continue to experience positive results from our collection efforts as evidenced by our net loan recoveries. While we expect our collection efforts to produce further recoveries, they may not continue at the same level we have experienced the past several quarters.

The amounts of loan loss provision in both the most recent quarter and comparable prior year period were the result of establishing our allowance for loan losses at levels believed necessary based upon our methodology for determining the adequacy of the allowance. The sustained level of quarterly net recoveries over the past several quarters had a significant effect on the historical loss component of our methodology. More information about our allowance for loan losses and our methodology for establishing its level may be found under the heading "Allowance for Loan Losses" below.

Noninterest Income: Noninterest income for the three periods ended March 31, 2019 was \$4.3 million compared to \$4.1 million for the same period in 2018. The components of noninterest income are shown in the table below (in thousands):

	Th	nree Months		Three Months
		Ended		Ended
	1	March 31,		March 31,
		2019		2018
Service charges and fees on deposit accounts	\$	1,050	\$	1,049
Net gains on mortgage loans		211		141
Trust fees		890		925
Gain as sales of securities		_		_
ATM and debit card fees		1,326		1,278
Bank owned life insurance ("BOLI") income		236		238
Investment services fees		295		224
Other income		320		277
Total noninterest income	\$	4,328	\$	4,132

Net gains on mortgage loans were up \$70,000 in the three months ended March 31, 2019 compared to same period in 2018 as a result of a slight increase in the volume of loans originated for sale. Mortgage loans originated for sale in the three months ended March 31, 2019 were \$6.9 million, compared to \$5.1 million in the same period in 2018. Mortgage loans originated for portfolio in the three months ended March 31, 2019 were \$6.2 million, compared to \$16.1 million in the same period in 2018. Investment services fees were up in the first three months of 2019 due to success in growing the number of investment services customer relationships we have and favorable investment market value changes. ATM and debit card fees were up in the three months ended March 31, 2019 due to higher volume of usage by our customers.

Noninterest Expense: Noninterest expense decreased to \$11.2 million for the three month period ended March 31, 2019, from \$11.4 million for the same period in 2018. The components of noninterest expense are shown in the table below (in thousands):

	I Ma	ee Months Ended arch 31, 2019	Three Months Ended March 31, 2018
Salaries and benefits	\$	6,244	\$ 6,194
Occupancy of premises		1,093	1,072
Furniture and equipment		844	805
Legal and professional		230	202
Marketing and promotion		228	229
Data processing		730	695
FDIC assessment		120	132
Interchange and other card expense		345	332
Bond and D&O insurance		104	110
Net (gains) losses on repossessed and foreclosed properties		(35)	406
Administration and disposition of problem assets		88	55
Outside services		452	390
Other noninterest expense		795	812
Total noninterest expense	\$	11,238	\$ 11,434

Most categories of noninterest expense were relatively unchanged compared to the three months ended March 31, 2018 due to our ongoing efforts to manage expenses and scale our operations. Our largest component of noninterest expense, salaries and benefits, increased by \$50,000 in the three months ended March 31, 2019 from same period in 2018. This increase is due to a higher level of costs associated with employee medical insurance, which was up \$36,000 for the three months ended March 31, 2019 compared to the three months ended March 31, 2018. Variable based compensation was down \$11,000 for the three months ended March 31, 2019 compared to the three months ended March 31, 2018 due to lower mortgage production.

Occupancy expenses were up \$21,000 in the three months ended March 31, 2019 compared to the same period in 2018 due to higher property taxes and maintenance costs incurred associated with certain branch facilities.

Our FDIC assessment costs decreased by \$12,000 in the first quarter of 2019 compared to the same period in 2018 due primarily to positive changes in our assessment rates. These costs have been trending down for the past few years and we believe the rate has stabilized and future expense fluctuations will likely be dependent on changes in our asset size. In January 2019, the FDIC notified us that the Bank would receive an assessment credit of approximately \$400,000 to offset future assessment as the FDIC Deposit Insurance Fund had exceeded its target ratio of 1.35% as of September 30, 2018. However, in March 2019, the FDIC provided an update that the Deposit Insurance Fund ratio was 1.36% at December 31, 2018, below the 1.38% threshold required for assessment credits to be applied. As such, the Bank recognized FDIC assessment expense in the first quarter of 2019. Future expense may be reduced by these assessment credits depending on the level of the Deposit Insurance Fund.

While costs associated with administration and disposition of problem assets have increased slightly in the first quarter of 2019 versus the same quarter of the prior year, they have decreased significantly over the past several years. These expenses include legal costs and repossessed and foreclosed property administration expense. Repossessed and foreclosed property administration expense includes survey and appraisal, property maintenance and management and other disposition and carrying costs. Net (gains) losses on repossessed and foreclosed properties include both net gains and losses on the sale of properties and unrealized losses from value declines for outstanding properties. The net of these two line items decreased from 2018 to 2019, primarily due to our realizing net gains on sales in the first three months of 2019 compared to net losses on sales in same period in 2018.

These costs are itemized in the following table (in thousands):

	Three	Months	Th	ree Months
	Er	nded		Ended
	Mar	ch 31,	1	March 31,
	2	019		2018
Legal and professional – nonperforming assets	\$	43	\$	13
Repossessed and foreclosed property administration		45		42
Net (gains) losses on repossessed and foreclosed properties		(35)		406
Total	\$	53	\$	461

As the level of problem loans and assets has declined, the costs associated with these nonperforming assets have decreased significantly over the past several years. Other real estate owned decreased from \$5.2 million at March 31, 2018 to \$3.3 million at March 31, 2019.

Net (gains) losses on repossessed assets and foreclosed properties for the three month period ended March 31, 2019 swung favorably by \$441,000 compared to the same period in 2018. The decrease was due to lower writedowns in valuation of other real estate properties and an improvement in net gains/losses in these periods. In the three month period ended March 31, 2019, valuation writedowns totaled \$10,000 compared to valuation writedowns of \$280,000 for the same period in 2018. In the three month period ended March 31, 2019, net realized gains totaled \$45,000, compared to net realized losses of \$126,000 for the same period in 2018.

Federal Income Tax Expense: We recorded \$1.7 million in federal income tax expense for the three month period ended March 31, 2019 compared to \$1.2 million in the same period in 2018. Our effective tax rate for the three period ended March 31, 2019 was 18.31% compared to 17.55% for the same period in 2018.

FINANCIAL CONDITION

Total assets were \$1.93 billion at March 31, 2019, a decrease of \$49.2 million from \$1.98 billion at December 31, 2018. This change reflected decreases of \$27.3 million in cash and cash equivalents, \$21.1 million in our loan portfolio, \$2.3 million in securities available for sale and \$119,000 in other real estate owned, offset by increases of \$1.3 million in other assets and \$97,000 in loans held for sale. Total deposits decreased by \$58.9 million at March 31, 2019 compared to December 31, 2018.

Cash and Cash Equivalents: Our cash and cash equivalents, which include federal funds sold and short-term investments, were \$144.0 million at March 31, 2019 compared to \$171.3 million at December 31, 2018. The decrease in these balances related primarily to the decrease in total deposits.

Securities: Debt securities available for sale were \$224.6 million at March 31, 2019 compared to \$227.0 million at December 31, 2018. The balance at March 31, 2019 primarily consisted of U.S. agency securities, agency mortgage backed securities and various municipal investments. Our held to maturity portfolio was \$70.3 million at December 31, 2018 and \$70.3 million at March 31, 2019. Our held to maturity portfolio is comprised of state, municipal and privately placed commercial bonds.

Portfolio Loans and Asset Quality: Total portfolio loans decreased by \$21.1 million in the first three months of 2019 and were \$1.38 billion at March 31, 2019 compared to \$1.41 billion at December 31, 2018. During the first three months of 2019, our commercial portfolio decreased by \$15.4 million, while our consumer portfolio decreased by \$4.8 million and our residential mortgage portfolio decreased by \$1.0 million.

Mortgage loans originated for portfolio are typically loans that conform to secondary market requirements and have a term of fifteen years or less. Mortgage loans originated for portfolio in the first three months of 2019 decreased \$9.9 million compared to the same period in 2018, from \$16.1 million in the first three months of 2018 to \$6.2 million in the same period in 2019.

The volume of residential mortgage loans originated for sale in the first three months of 2019 increased \$1.8 million compared to the same period in 2018. Residential mortgage loans originated for sale were \$6.9 million in the first three months of 2019 compared to \$5.1 million in the first three months of 2018.

The following table shows our loan origination activity for loans to be held in portfolio during the first three months of 2019 and 2018, broken out by loan type and also shows average originated loan size (dollars in thousands):

	 Three mo	onths ended March 31,	2019	Three months ended March 31, 2018					
		Percent of			Percent of				
	Portfolio Total Average Portfolio Originations Originations Loan Size Origination:		Portfolio Originations	Total Originations	Average Loan Size				
Commercial real estate:									
Residential developed	\$ 849	1.1%	\$ 283	\$ 3,977	3.9% \$	994			
Unsecured to residential developers	_	_	_	_	_	_			
Vacant and unimproved	1,952	2.5	651	1,030	1.0	206			
Commercial development	_	_	_	250	0.2	250			
Residential improved	9,913	12.7	310	15,237	14.9	381			
Commercial improved	17,986	23.0	1,285	3,252	3.2	296			
Manufacturing and industrial	7,949	10.1	1,590	5,785	5.7	578			
Total commercial real estate	 38,649	49.4	678	29,531	28.9	416			
Commercial and industrial	24,446	31.3	461	46,639	45.8	549			
Total commercial	63,095	80.7	574	76,170	74.7	488			
Consumer									
Residential mortgage	6,235	8.0	231	16,150	15.9	224			
Unsecured	_	_	_	_	_	_			
Home equity	8,399	10.7	122	8,902	8.7	93			
Other secured	501	0.6	23	694	0.7	22			
Total consumer	15,135	19.3	128	25,746	25.3	129			
Total loans	\$ 78,230	100.0%	343	\$ 101,916	100.0%	286			

The following table shows a breakout of our commercial loan activity during the first three months of 2019 and 2018 (dollars in thousands):

	Thre	ee Months	Three Months		
		Ended		Ended	
	M	arch 31,		March 31,	
		2019		2018	
Commercial loans originated	\$	63,095	\$	76,170	
Repayments of commercial loans		(59,123)		(75,520)	
Change in undistributed - available credit		(19,337)		(835)	
Net decrease in total commercial loans	\$	(15,365)	\$	(185)	

Overall, the commercial loan portfolio decreased \$15.4 million in the first three months of 2019. Our commercial and industrial portfolio decreased by \$19.4 million while our commercial real estate loans increased by \$4.1 million. Our production of commercial loans decreased by \$13.1 million from \$76.2 million in the first three months of 2018 to \$63.1 million in the same period of 2019. Our commercial and industrial portfolio is subject to seasonal fluctuations and we typically experience large paydowns on agricultural credits in the first part of each year. We also had two large relationships pay off during the first quarter of 2019, one of which amounted to \$8.5 million resulting from the sale of the business.

Commercial and commercial real estate loans remained our largest loan segment and accounted for approximately 77.0% of the total loan portfolio at both March 31, 2019 and December 31, 2018. Residential mortgage and consumer loans comprised approximately 23.0% of total loans at both March 31, 2019 and December 31, 2018.

A further breakdown of the composition of the loan portfolio is shown in the table below (in thousands):

		March 3	1, 2019	December 31, 2018			
	B	Percent of Balance Total Loans		Balance	Percent of Total Loans		
Commercial real estate: (1)							
Residential developed	\$	14,723	1.1%	\$ 14,825	1.1%		
Unsecured to residential developers		_	_	_	_		
Vacant and unimproved		45,423	3.3	44,169	3.1		
Commercial development		701	_	712	0.1		
Residential improved		100,801	7.3	98,500	7.0		
Commercial improved		291,612	21.1	295,618	21.0		
Manufacturing and industrial		119,540	8.6	114,887	8.2		
Total commercial real estate		572,800	41.4	568,711	40.5		
Commercial and industrial		493,891	35.6	513,345	36.5		
Total commercial		1,066,691	77.0	1,082,056	77.0		
Consumer							
Residential mortgage		237,207	17.1	238,174	16.9		
Unsecured		367	0.1	130	_		
Home equity		73,631	5.3	78,503	5.6		
Other secured		6,671	0.5	6,795	0.5		
Total consumer		317,876	23.0	323,602	23.0		
Total loans	\$	1,384,567	100.0%	\$ 1,405,658	100.0%		

(1) Includes both owner occupied and non-owner occupied commercial real estate.

Commercial real estate loans accounted for 41.4% and 40.5% of the total loan portfolio at March 31, 2019 and December 31, 2018, respectively, and consisted primarily of loans to business owners and developers of owner and non-owner occupied commercial properties and loans to developers of single and multi-family residential properties. In the table above, we show our commercial real estate portfolio by loans secured by residential and commercial real estate, and by stage of development. Improved loans are generally secured by properties that are under construction or completed and placed in use. Development loans are secured by properties that are in the process of development or fully developed. Vacant and unimproved loans are secured by raw land for which development has not yet begun and agricultural land.

Our consumer residential mortgage loan portfolio, which also includes residential construction loans made to individual homeowners, comprised 17.1% of portfolio loans at March 31, 2019 and 16.9% at December 31, 2018. We expect to continue to retain in our loan portfolio certain types of residential mortgage loans (primarily high quality, low loan-to-value loans) in an effort to continue to diversify our credit risk and deploy our excess liquidity.

The volume of residential mortgage loans originated for sale during the first three months of 2019 increased from the first three months of 2018 as a result of interest rate conditions. We are also experiencing a shift in production to financing new home purchases versus refinancings. Volume has been negatively impacted by a shortage in the number of available residential properties for sale in our market areas.

Our portfolio of other consumer loans includes loans secured by personal property and home equity fixed term and line of credit loans. Consumer loans decreased by \$4.8 million to \$80.7 million at March 31, 2019 from \$85.4 million at December 31, 2018, due primarily to a decrease in home equity loans. Consumer loans comprised 5.9% of our portfolio loans at March 31, 2019 and 6.1% at December 31, 2018.

Our loan portfolio is reviewed regularly by our senior management, our loan officers, and an internal loan review team that is independent of our loan originators and credit administration. An administrative loan committee consisting of senior management and seasoned lending and collections personnel meets quarterly to manage our internal watch list and proactively manage high risk loans.

When reasonable doubt exists concerning collectability of interest or principal of one of our loans, the loan is placed in nonaccrual status. Any interest previously accrued but not collected is reversed and charged against current earnings.

Nonperforming assets are comprised of nonperforming loans, foreclosed assets and repossessed assets. At March 31, 2019, nonperforming assets totaled \$3.7 million compared to \$4.7 million at December 31, 2018. There were no additions to other real estate owned in the first three months of 2019 compared to \$293,000 of additions in the first three months of 2018. At March 31, 2019, there was just one loan in redemption, so we expect there to be few additions to other real estate owned in 2019. Proceeds from sales of foreclosed properties were \$154,000 in the first three months of 2019, resulting in net realized gain on sales of \$45,000. Proceeds from sales of foreclosed properties were \$431,000 in the first three months of 2018 resulting in net realized loss on sales of \$126,000.

Nonperforming loans include loans on nonaccrual status and loans delinquent more than 90 days but still accruing. As of March 31, 2019, nonperforming loans were negligible and totaled \$409,000, or 0.03% of total portfolio loans, compared to \$1.3 million, or 0.09% of total portfolio loans, at December 31, 2018.

Nonperforming loans at March 31, 2019 consisted of \$213,000 of commercial real estate loans and \$196,000 of consumer and residential mortgage loans.

Foreclosed and repossessed assets include assets acquired in settlement of loans. Foreclosed assets totaled \$3.3 million at March 31, 2019 and \$3.4 million at December 31, 2018. The entire balance at March 31, 2019 was comprised of nine commercial real estate properties. All properties acquired through or in lieu of foreclosure are initially transferred at their fair value less estimated costs to sell and then evaluated monthly for impairment after transfer using a lower of cost or market approach. Updated property valuations are obtained at least annually on all foreclosed assets.

At March 31, 2019, our foreclosed asset portfolio had a weighted average age held in portfolio of 7.3 years. Below is a breakout of our foreclosed asset portfolio at March 31, 2019 and December 31, 2018 by property type and the percentages the property has been written down since taken into our possession and the combined writedown percentage, including losses taken when the property was loan collateral (dollars in thousands):

		March 31, 2019		December 31, 2018						
		Foreclosed	Combined Writedown (Loan and		Foreclosed	Combined Writedown (Loan and				
	Carrying	Asset	Foreclosed	Carrying	Asset	Foreclosed				
Foreclosed Asset Property Type	Value	Writedown	Asset)	Value	Writedown	Asset)				
Single Family	\$ —	<u> </u>	—%	\$ —	—%	<u> </u>				
Residential Lot	_	_	_	38	57.6	70.1				
Multi-Family	_	_	_	_	_	_				
Vacant Land	343	41.9	47.9	352	40.5	46.6				
Residential Development	701	41.1	84.3	815	38.6	82.3				
Commercial Office	_	_	_	_	_	_				
Commercial Industrial	_	_	_	_	_	_				
Commercial Improved	2,217	_	_	2,175	_	_				
	\$ 3,261	18.4	55.7	\$ 3,380	19.2	55.4				

The following table shows the composition and amount of our nonperforming assets (dollars in thousands):

	March 31,	Γ	December 31,
	2019		2018
Nonaccrual loans	\$ 40	8 \$	1,303
Loans 90 days or more delinquent and still accruing		1	1
Total nonperforming loans (NPLs)	40	9	1,304
Foreclosed assets	3,26	,1	3,380
Repossessed assets			
Total nonperforming assets (NPAs)	\$ 3,67	0 \$	4,684
NPLs to total loans	0.0	3%	0.09%
NPAs to total assets	0.1	9%	0.24%

The following table shows the composition and amount of our troubled debt restructurings (TDRs) at March 31, 2019 and December 31, 2018 (dollars in thousands):

		March 31, 2019						December 31, 2018				
	Com	mercial	ercial Consumer		Total	Commercial		Consumer		Total		
Performing TDRs	\$	9,616	\$	6,073	\$	15,689	\$	9,682	\$	6,347	\$	16,029
Nonperforming TDRs (1)		212		_		212		124		<u>-</u>		124
Total TDRs	\$	9,828	\$	6,073	\$	15,901	\$	9,806	\$	6,347	\$	16,153

(1) Included in nonperforming asset table above

We had a total of \$15.9 million and \$16.2 million of loans whose terms have been modified in TDRs as of March 31, 2019 and December 31, 2018, respectively. These loans may have involved the restructuring of terms to allow customers to mitigate the risk of foreclosure by meeting a lower loan payment requirement based upon their current cash flow. These may also include loans that renewed at existing contractual rates, but below market rates for comparable credit. For each restructuring, a comprehensive credit underwriting analysis of the borrower's financial condition and prospects of repayment under the revised terms is performed to assess whether the structure can be successful and whether cash flows will be sufficient to support the restructured debt. An analysis is also performed to determine whether the restructured loan should be on accrual status. Generally, if the loan is on accrual at the time of restructure, it will remain on accrual after the restructuring. In some cases, a nonaccrual loan may be placed on accrual at restructuring if the loan's actual payment history demonstrates it would have cash flowed under the restructured terms. After six consecutive payments under the restructured terms, a nonaccrual restructured loan is reviewed for possible upgrade to accruing status. In situations where there is a subsequent modification or renewal and the loan is brought to market terms, including a contractual interest rate not less than a market interest rate for new debt with similar credit risk characteristics, the TDR and impaired designations may be removed. Total TDRs decreased by \$252,000 from December 31, 2018 to March 31, 2019 due to payoffs and paydowns on existing TDRs. No new TDRs were added during the quarter. There were 111 loans identified as TDRs at March 31, 2019 compared to 123 loans at December 31, 2018.

As with other impaired loans, an allowance for loan loss is estimated for each TDR based on the most likely source of repayment for each loan. For impaired commercial real estate loans that are collateral dependent, the allowance is computed based on the fair value of the underlying collateral, less estimated costs to sell. For impaired commercial loans where repayment is expected from cash flows from business operations, the allowance is computed based on a discounted cash flow computation. Certain groups of TDRs, such as residential mortgages, have common characteristics and for them the allowance is computed based on a discounted cash flow computation on the change in weighted rate for the pool. The allowance allocations for commercial TDRs where we have reduced the contractual interest rate are computed by measuring cash flows using the new payment terms discounted at the original contractual rate.

Allowance for loan losses: The allowance for loan losses at March 31, 2019 was \$16.9 million, an increase of \$16,000 from December 31, 2018. The allowance for loan losses represented 1.22% of total portfolio loans at March 31, 2019 and 1.20% at December 31, 2018. The allowance for loan losses to nonperforming loan coverage ratio increased from 1294% at December 31, 2018 to 4130% at March 31, 2019.

The table below shows the changes in certain credit metrics over the past five quarters:

	Quarter Ended		Q۱	Quarter Ended		Quarter Ended		Quarter Ended		uarter Ended	
	March 31,		December 31,		September 30,		June 30,			March 31,	
(Dollars in millions)		2019		2018		2018		2018		2018	
Commercial loans	\$	1,066.7	\$	1,082.1	\$	1,020.6	\$	1,005.5	\$	1,007.0	
Nonperforming loans		0.4		1.3		0.1		0.1		0.3	
Other real estate owned and repo assets		3.3		3.4		3.5		3.9		5.2	
Total nonperforming assets		3.7		4.7		3.6		4.0		5.5	
Net charge-offs (recoveries)		(0.3)		0.2		(0.1)		(0.3)		(0.2)	
Total delinquencies		0.7		0.9		0.5		0.5		1.6	

We have had net loan recoveries in sixteen of the past seventeen quarters. Our total delinquencies have continued to be negligible and were \$674,000 at March 31, 2019 and \$877,000 at December 31, 2018. Our delinquency percentage at March 31, 2019 was just 0.05%.

These factors all impact our necessary level of allowance for loan losses and our provision for loan losses. The allowance for loan losses increased \$16,000 in the first three months of 2019. We recorded a negative provision for loan losses of \$250,000 for the three months ended March 31, 2019 compared to a negative \$100,000 for the same period of 2018. Net loan recoveries were \$266,000 for the three months ended March 31, 2019, compared to net recoveries of \$175,000 for the same period in 2018. The ratio of net recoveries to average loans was -0.08% on an annualized basis for the first three months of 2019, compared to -0.05% for the first three months of 2018.

We are encouraged by the reduced level of gross charge-offs over recent quarters. We do, however, recognize that future charge-offs and resulting provisions for loan losses are expected to be impacted by the timing and extent of changes in the overall economy and the real estate markets.

Our allowance for loan losses is maintained at a level believed appropriate based upon our assessment of the probable estimated losses inherent in the loan portfolio. Our methodology for measuring the appropriate level of allowance and related provision for loan losses relies on several key elements, which include specific allowances for loans considered impaired, general allowance for commercial loans not considered impaired based upon applying our loan rating system, and general allocations based on historical trends for homogeneous loan groups with similar risk characteristics.

Overall, impaired loans declined by \$1.3 million to \$15.9 million at March 31, 2019 compared to \$17.2 million at December 31, 2018. The specific allowance for impaired loans decreased \$171,000 to \$927,000 at March 31, 2019, compared to \$1.1 million at December 31, 2018. The specific allowance for impaired loans represented 5.8% of total impaired loans at March 31, 2019 and 6.4% at December 31, 2018.

The general allowance allocated to commercial loans that were not considered to be impaired was based upon the internal risk grade of such loans. We use a loan rating method based upon an eight point system. Loans are stratified between real estate secured and non-real estate secured. The real estate secured portfolio is further stratified by the type of real estate. Each stratified portfolio is assigned a loss allocation factor. A higher numerical grade assigned to a loan category generally results in a greater allocation percentage. Changes in risk grade of loans affect the amount of the allowance allocation.

The determination of our loss factors is based upon our actual loss history by loan grade and adjusted for significant factors that, in management's judgment, affect the collectability of the portfolio as of the analysis date. We use a rolling 18 month actual net chargeoff history as the base for our computation. Over the past few years, the 18 month period computations have reflected sizeable decreases in net chargeoff experience. We addressed this volatility in the qualitative factor considerations applied in our allowance for loan losses computation. Adjustments to the qualitative factors also involved consideration of different loss periods for the Bank, including 12, 24, 36, 48 and 60 month periods. We also considered the extended period of improved asset quality in assessing the overall qualitative component. Considering the change in our qualitative factors and our commercial loan portfolio balances, the general allowance allocated to commercial loans was \$13.0 million at March 31, 2019 and \$12.8 million at December 31, 2018. The qualitative component of our allowance allocated to commercial loans was \$11.7 million at March 31, 2019, down from \$12.0 million at December 31, 2018.

Groups of homogeneous loans, such as residential real estate and open- and closed-end consumer loans, receive allowance allocations based on loan type. A rolling 12 month (four quarter) historical loss experience period was applied to residential mortgage and consumer loan portfolios. As with commercial loans that are not considered impaired, the determination of the allowance allocation percentage is based principally on our historical loss experience. These allocations are adjusted for consideration of general economic and business conditions, credit quality and delinquency trends, collateral values, and recent loss experience for these similar pools of loans. The homogeneous loan allowance was \$3.0 million at March 31, 2019 and \$3.0 million at December 31, 2018.

The allowance allocations are not intended to imply limitations on usage of the allowance for loan losses. The entire allowance for loan losses is available for any loan losses without regard to loan type.

Premises and Equipment: Premises and equipment totaled \$44.8 million at March 31, 2019, down \$57,000 from \$44.9 million at December 31, 2018.

Deposits and Other Borrowings: Total deposits decreased \$58.9 million to \$1.62 billion at March 31, 2019, as compared to \$1.68 billion at December 31, 2018. Non-interest checking account balances decreased \$18.9 million during the three months of 2019. Interest bearing demand account balances decreased \$49.7 million and savings and money market account balances decreased \$4.6 million in the first three months of 2019 as municipal and business customers deployed their seasonal increase of year-end deposits. Certificates of deposits increased by \$14.3 million in the first three months of 2019. We believe our success in maintaining the balances of personal and business checking and savings accounts was primarily attributable to our focus on quality customer service, the desire of customers to deal with a local bank, the convenience of our branch network and the breadth and depth of our sophisticated product line.

Noninterest bearing demand accounts comprised 29% of total deposits at March 31, 2019 and 29% of total deposits at December 31, 2018. These balances typically increase at year end for many of our commercial customers, then decline in the first quarter. Because of the generally low rates paid on interest bearing account alternatives, many of our business customers chose to keep their balances in these more liquid noninterest bearing demand account types. Interest bearing demand, including money market and savings accounts, comprised 62% of total deposits at March 31, 2019 and 64% at December 31, 2018. Time accounts as a percentage of total deposits were 9% at March 31, 2019 and 7% December 31, 2018.

At both March 31, 2019 and December 31, 2018, borrowed funds totaled \$101.2 million at March 31, 2019, including \$60.0 million of Federal Home Loan Bank ("FHLB") advances and \$41.2 million in long-term debt associated with trust preferred securities. Borrowed funds were unchanged in the first three months of 2019 primarily due to the scheduled maturity of a \$10.0 million FHLB advance in February 2019 being replaced with the addition of a \$10.0 million FHLB advance in February 2019.

CAPITAL RESOURCES

Total shareholders' equity of \$198.0 million at March 31, 2019 increased \$7.1 million from \$190.9 million at December 31, 2018. The increase was primarily a result of net income of \$7.6 million earned in the first three months of 2018 and an increase of \$1.8 million in accumulated other comprehensive income, partially offset by a payment of \$2.4 million in cash dividends to shareholders. The Bank was categorized as "well capitalized" at March 31, 2019.

In July 2013, the Board of Governors of the Federal Reserve Board and the FDIC approved the final rules implementing the Basel Committee on Banking Supervision's capital guidelines for U.S. banks (commonly known as Basel III). Under the final rules, minimum requirements increased for both the quantity and quality of capital held by the Company and the Bank. The rules include a new common equity Tier 1 capital to risk-weighted assets ratio (CET1 ratio) of 4.5% and a capital conservation buffer of 2.5% of risk-weighted assets, effectively resulted in a minimum CET1 ratio of 7.0%. Basel III raised the minimum ratio of Tier 1 capital to risk-weighted assets from 4.0% to 6.0% (which, with the capital conservation buffer, effectively results in a minimum Tier 1 capital ratio of 8.5%), effectively resulted in a minimum total capital to risk-weighted assets ratio of 10.5% (with the capital conservation buffer), and required a minimum leverage ratio of 4.0%. Basel III also made changes to risk weights for certain assets and off-balance-sheet exposures. The capital ratios for the Company and the Bank under Basel III have continued to exceed the well capitalized minimum capital requirements.

The following table shows our regulatory capital ratios (on a consolidated basis) for the past several quarters:

	March 31,	Dec 31,	Sept 30,	June 30,	March 31,
Macatawa Bank Corporation	2019	2018	2018	2018	2018
Total capital to risk weighted assets	16.1%	15.5%	15.8%	15.5%	15.4%
Common Equity Tier 1 to risk weighted assets	12.6	12.0	12.1	11.8	11.7
Tier 1 capital to risk weighted assets	15.1	14.5	14.7	14.4	14.3
Tier 1 capital to average assets	12.2	12.1	11.9	11.9	11.8

Approximately \$40.0 million of trust preferred securities outstanding at March 31, 2019 qualified as Tier 1 capital.

LIQUIDITY

Liquidity of Macatawa Bank: The liquidity of a financial institution reflects its ability to manage a variety of sources and uses of funds. Our Consolidated Statements of Cash Flows categorize these sources and uses into operating, investing and financing activities. We primarily focus on developing access to a variety of borrowing sources to supplement our deposit gathering activities and provide funds for our investment and loan portfolios. Our sources of liquidity include our borrowing capacity with the FRB's discount window, the Federal Home Loan Bank, federal funds purchased lines of credit and other secured borrowing sources with our correspondent banks, loan payments by our borrowers, maturity and sales of our securities available for sale, growth of our deposits, federal funds sold and other short-term investments, and the various capital resources discussed above.

Liquidity management involves the ability to meet the cash flow requirements of our customers. Our customers may be either borrowers with credit needs or depositors wanting to withdraw funds. Our liquidity management involves periodic monitoring of our assets considered to be liquid and illiquid, and our funding sources considered to be core and non-core and short-term (less than 12 months) and long-term. We have established parameters that monitor, among other items, our level of liquid assets to short-term liabilities, our level of non-core funding reliance and our level of available borrowing capacity. We maintain a diversified wholesale funding structure and actively manage our maturing wholesale sources to reduce the risk to liquidity shortages. We have also developed a contingency funding plan to stress test our liquidity requirements arising from certain events that may trigger liquidity shortages, such as rapid loan growth in excess of normal growth levels or the loss of deposits and other funding sources under extreme circumstances.

We have actively pursued initiatives to maintain a strong liquidity position. The Bank has reduced its reliance on non-core funding sources, including brokered deposits, and focused on achieving a non-core funding dependency ratio below its peer group average. We have had no brokered deposits on our balance sheet since December 2011. We continue to maintain significant on-balance sheet liquidity. At March 31, 2019, the Bank held \$115.8 million of federal funds sold and other short-term investments. In addition, the Bank had available borrowing capacity from correspondent banks of approximately \$359.4 million as of March 31, 2019.

In the normal course of business, we enter into certain contractual obligations, including obligations which are considered in our overall liquidity management. The table below summarizes our significant contractual obligations at March 31, 2019 (dollars in thousands):

	Le	ess than				1	More than
	1 year 1-3 years		3-5 years		5 years		
Long term debt	\$	_	\$ _	\$	_	\$	41,238
Time deposit maturities		87,755	50,710		1,736		_
Other borrowed funds		_	10,000		20,000		30,000
Operating lease obligations		339	 289		89		
Total	\$	88,094	\$ 60,999	\$	21,825	\$	71,238

In addition to normal loan funding, we also maintain liquidity to meet customer financing needs through unused lines of credit, unfunded loan commitments and standby letters of credit. The level and fluctuation of these commitments is also considered in our overall liquidity management. At March 31, 2019, we had a total of \$472.0 million in unused lines of credit, \$100.6 million in unfunded loan commitments and \$16.3 million in standby letters of credit.

Liquidity of Holding Company: The primary sources of liquidity for the Company are dividends from the Bank, existing cash resources and the capital markets if the need to raise additional capital arises. Banking regulations and the laws of the State of Michigan in which our Bank is chartered limit the amount of dividends the Bank may declare and pay to the Company in any calendar year. Under the state law limitations, the Bank is restricted from paying dividends to the Company in excess of retained earnings. In 2018, the Bank paid dividends to the Company totaling \$11.1 million. In the same period, the Company paid dividends to its shareholders totaling \$8.5 million. On February 26, 2019, the Bank paid a dividend totaling \$2.9 million to the Company in anticipation of the common share cash dividend of \$0.07 per share paid on February 27, 2019 to shareholders of record on February 12, 2019. The cash distributed for this cash dividend payment totaled \$2.4 million. The Company retained the remaining balance in each period for general corporate purposes. At March 31, 2019, the Bank had a retained earnings balance of \$70.1 million.

During 2018, the Company received payments from the Bank totaling \$5.8 million, representing the Bank's intercompany tax liability for the 2018 tax year, in accordance with the Company's tax allocation agreement. In the same period, the Company made tax payments totaling \$5.3 million.

The Company has the right to defer interest payments for 20 consecutive quarters on its trust preferred securities if necessary for liquidity purposes. During the deferral period, the Company may not declare or pay any dividends on its common stock or make any payment on any outstanding debt obligations that rank equally with or junior to the trust preferred securities.

The Company's cash balance at March 31, 2019 was \$6.5 million. The Company believes that it has sufficient liquidity to meet its cash flow obligations.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES:

To prepare financial statements in conformity with accounting principles generally accepted in the United States of America, management makes estimates and assumptions based on available information. These estimates and assumptions affect the amounts reported in the financial statements and future results could differ. The allowance for loan losses, other real estate owned valuation, loss contingencies, revenue recognition and income taxes are deemed critical due to the required level of management judgment and the use of estimates, making them particularly subject to change.

Our methodology for determining the allowance for loan losses and the related provision for loan losses is described above in the "Allowance for Loan Losses" discussion. This area of accounting requires significant judgment due to the number of factors which can influence the collectability of a loan. Unanticipated changes in these factors could significantly change the level of the allowance for loan losses and the related provision for loan losses. Although, based upon our internal analysis, and in our judgment, we believe that we have provided an adequate allowance for loan losses, there can be no assurance that our analysis has properly identified all of the probable losses in our loan portfolio. As a result, we could record future provisions for loan losses that may be significantly different than the levels that we recorded in the first three months of 2019.

Assets acquired through or instead of foreclosure, primarily other real estate owned, are initially recorded at fair value less estimated costs to sell when acquired, establishing a new cost basis. New real estate appraisals are generally obtained at the time of foreclosure and are used to establish fair value. If fair value declines, a valuation allowance is recorded through expense. Estimating the initial and ongoing fair value of these properties involves a number of factors and judgments including holding time, costs to complete, holding costs, discount rate, absorption and other factors.

Loss contingencies are recorded as liabilities when the likelihood of loss is probable and an amount or range of loss can be reasonably estimated. This, too, is an accounting area that involves significant judgment. Although, based upon our judgment, internal analysis, and consultations with legal counsel we believe that we have properly accounted for loss contingencies, future changes in the status of such contingencies could result in a significant change in the level of contingent liabilities and a related impact to operating earnings.

Noninterest revenue is recognized in accordance with contractual requirements and as we fulfill our obligations under contractual terms. Most of our noninterest revenue comes from services that are transaction based and such revenue is recognized as the related service is provided.

Our accounting for income taxes involves the valuation of deferred tax assets and liabilities primarily associated with differences in the timing of the recognition of revenues and expenses for financial reporting and tax purposes. At March 31, 2019, we had gross deferred tax assets of \$4.4 million, gross deferred tax liabilities of \$1.6 million resulting in a net deferred tax asset of \$2.8 million. Accounting standards require that companies assess whether a valuation allowance should be established against their deferred tax assets based on the consideration of all available evidence using a "more likely than not" standard. At December 31, 2018, a valuation allowance of \$92,000 was established against a capital loss carryforward created by the liquidation of the assets of a partnership interest the Bank acquired through a loan settlement thereby reducing net deferred tax assets. This valuation allowance was maintained at March 31, 2019, resulting in a net deferred tax asset balance of \$2.7 million. With the positive results in 2018 and the first quarter of 2019, we concluded at March 31, 2019 that no other valuation allowance on our net deferred tax asset was required. Changes in tax laws, changes in tax rates, changes in ownership and our future level of earnings can impact the ultimate realization of our net deferred tax asset.

Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK.

Our primary market risk exposure is interest rate risk and, to a lesser extent, liquidity risk. All of our transactions are denominated in U.S. dollars with no specific foreign exchange exposure. Macatawa Bank has only limited agricultural-related loan assets, and therefore has no significant exposure to changes in commodity prices.

Our balance sheet has sensitivity, in various categories of assets and liabilities, to changes in prevailing rates in the U.S. for prime rate, mortgage rates, U.S. Treasury rates and various money market indexes. Our asset/liability management process aids us in providing liquidity while maintaining a balance between interest earning assets and interest bearing liabilities.

We utilize a simulation model as our primary tool to assess the direction and magnitude of variations in net interest income and the economic value of equity ("EVE") resulting from potential changes in market interest rates. Key assumptions in the model include contractual cash flows and maturities of interest-sensitive assets and interest-sensitive liabilities, prepayment speeds on certain assets, and changes in market conditions impacting loan and deposit pricing. We also include pricing floors on discretionary priced liability products which limit how low various checking and savings products could go under declining interest rates. These floors reflect our pricing philosophy in response to changing interest rates.

We forecast the next twelve months of net interest income under an assumed environment of gradual changes in market interest rates under various scenarios. The resulting change in net interest income is an indication of the sensitivity of our earnings to directional changes in market interest rates. The simulation also measures the change in EVE, or the net present value of our assets and liabilities, under an immediate shift, or shock, in interest rates under various scenarios, as calculated by discounting the estimated future cash flows using market-based discount rates.

The following table shows the impact of changes in interest rates on net interest income over the next twelve months and EVE based on our balance sheet as of March 31, 2019 (dollars in thousands):

48%
69
_
92)
50)

If interest rates were to increase, this analysis suggests that we are positioned for an improvement in net interest income over the next twelve months.

We also forecast the impact of immediate and parallel interest rate shocks on net interest income under various scenarios to measure the sensitivity of our earnings under extreme conditions.

The quarterly simulation analysis is monitored against acceptable interest rate risk parameters by the Asset/Liability Committee and reported to the Board of Directors.

In addition to changes in interest rates, the level of future net interest income is also dependent on a number of other variables, including: the growth, composition and absolute levels of loans, deposits, and other earning assets and interest-bearing liabilities; economic and competitive conditions; potential changes in lending, investing and deposit gathering strategies; and client preferences.

Item 4: CONTROLS AND PROCEDURES

(a) Evaluation of Disclosure Controls and Procedures. Under the supervision and with the participation of our management, including our Chief Executive Officer ("CEO") and Chief Financial Officer ("CFO"), we conducted an evaluation of the effectiveness of the design and operation of our disclosure controls and procedures, as defined in Exchange Act Rule 13a-15(e) as of March 31, 2019, the end of the period covered by this report.

In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives, as the Company's are designed to do, and management necessarily was required to apply its judgment in evaluating whether the benefits of the controls and procedures that the Company adopts outweigh their costs.

Our CEO and CFO, after evaluating the effectiveness of the Company's disclosure controls and procedures (as defined in Exchange Act Rule 13a-15(e)) as of the end of the period covered by this report, have concluded that the Company's disclosure controls and procedures were effective to ensure that information required to be disclosed by the Company in the reports it files or submits under the Exchange Act is recorded, processed, summarized and reported, within the time periods specified in the Commission's rules and forms.

(b) Changes in Internal Controls. During the period covered by this report, there have been no changes in the Company's internal control over financial reporting that have materially affected or are reasonably likely to materially affect the Company's internal control over financial reporting.

PART II – OTHER INFORMATION

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

None

Item 6.	EXHIBITS.
<u>3.1</u>	Restated Articles of Incorporation. Previously filed with the Commission on October 27, 2016 in Macatawa Bank Corporation's Quarterly Report on Form 10-
	Q, Exhibit 3.1. Here incorporated by reference.
<u>3.2</u>	Bylaws. Previously filed with the Commission on February 19, 2015 in Macatawa Bank Corporation's Annual Report on Form 10-K for the year ended
	December 31, 2014, Exhibit 3.2. Here incorporated by reference.
<u>4.1</u>	Restated Articles of Incorporation. Exhibit 3.1 is here incorporated by reference.
<u>4.2</u>	Bylaws. Exhibit 3.2 is here incorporated by reference.
4.3	Long-Term Debt. The registrant has outstanding long-term debt which at the time of this report does not exceed 10% of the registrant's total consolidated
	assets. The registrant agrees to furnish copies of the agreements defining the rights of holders of such long-term debt to the SEC upon request.
<u>31.1</u>	Certification of Chief Executive Officer.
31.2	Certification of Chief Financial Officer.
<u>32.1</u>	Certification pursuant to 18 U.S.C. Section 1350.
101.INS	XBRL Instance Document
101.SCH	XBRL Taxonomy Extension Schema Document
101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB	XBRL Taxonomy Extension Label Linkbase Document
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document

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.

MACATAWA BANK CORPORATION

/s/ Ronald L. Haan
Ronald L. Haan
Chief Executive Officer
(Principal Executive Officer)

/s/ Jon W. Swets

Jon W. Swets Senior Vice President and Chief Financial Officer (Principal Financial and Accounting Officer)

Dated: April 25, 2019

EXHIBIT 31.1

I, Ronald L. Haan, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q for the quarter ended March 31, 2019 of Macatawa Bank Corporation;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(f)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; and
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; and
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: April 25, 2019

/s/ Ronald L. Haan Ronald L. Haan Chief Executive Officer (Principal Executive Officer)

EXHIBIT 31.2

I, Jon W. Swets, certify that:

- 1. I have reviewed this quarterly report on Form 10-Q for the quarter ended March 31, 2019 of Macatawa Bank Corporation;
- 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- 4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; and
 - (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; and
 - (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting.
- 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Dated: April 25, 2019

/s/ Jon W. Swets
Jon W. Swets
Senior Vice President and
Chief Financial Officer
(Principal Financial and Accounting Officer)

EXHIBIT 32.1

Pursuant to 18 U.S.C. § 1350, each of the undersigned hereby certifies in his capacity as an officer of Macatawa Bank Corporation (the "Company") that the Quarterly Report of the Company on Form 10-Q for the quarter ended March 31, 2019 fully complies with the requirements of Section 13(a) of the Securities Exchange Act of 1934 and that the information contained in such report fairly presents, in all material respects, the financial condition of the Company at the end of such period and the results of operations of the Company for such period.

/s/ Ronald L. Haan
Ronald L. Haan
Chief Executive Officer
(Principal Executive Officer)

Jon W. Swets Senior Vice President and Chief Financial Officer

/s/ Jon W. Swets

(Principal Financial and Accounting Officer)

Dated: April 25, 2019