



2019 ANNUAL REPORT

GREENVILLE FEDERAL FINANCIAL CORPORATION



Jim Ward Board Chairman



Pat Custenborder



Jeff Kniese President & CEO



Joe Dickerson



Ryan Dynes



George Luce



Richard O'Brien



Julie Strait

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Tina Jones AVP, Chief Credit Officer

Linda Pittenger AVP, Treasury Management

Linda Searls AVP, Loan Operations Manager

Robyn Studabaker AVP, Human Resources

Russ Thayer AVP, Branch Administrator

Brian Beam Marketing & IT Manager

Corey Eagle

Nick Good Commercial Loan Originator

GREENVILLE FEDERAL FINANCIAL CORPORATION Greenville, Ohio

CONSOLIDATED FINANCIAL STATEMENTS December 31, 2019 and 2018

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Letter from the President and Chief Executive Officer

Dear Fellow Stockholders and Friends:

First and foremost, I want to thank all of my Greenville Federal teammates, board of directors, and customers for their support and understanding during the COVID-19 Coronavirus pandemic. This is a tough challenge that none of us could have predicted, so I am proud of how everyone continues to work through this together in a very supportive way. The health and safety of our teammates and customers is our highest priority so we will continue to work diligently to provide assistance and support where needed. Our message is simple: we are open for business and here to help.

2019 also brought us some challenges that we were able to work through. Challenges such as the Federal Reserve initially raising rates earlier in the year to changing course and cutting rates twice by year end. This, coupled with an inverted yield curve, and another rate cut in March 2020 continues to put pressure on bank earnings. And the coronavirus pandemic that has wreaked havoc on so many individuals and businesses continues to be both a health challenge and a business challenge that all of us are working hard to combat. I do feel confident that your company is well prepared and positioned to handle all of these challenges and any others that may come our way.

In reviewing our 2019 results, we announced several new initiatives per our strategic plan. We announced the purchase of a large lot on the south side of Troy, Ohio that will eventually become home to a new Greenville Federal full-service banking center. We also launched our new GF Instant Issue Debit cards to improve the time it takes to receive a new GF card to less than ten minutes. Another initiative was our unique GF Spirit Debit Card program that was expanded to include all Darke County and Miami County schools, which allows each school the opportunity to receive a cash donation all while promoting school spirit.

Financially we remain a strong bank. Our capital levels remain well above the required amounts per our federal regulators and our liquidity position is at an all-time high. In 2019 we also achieved double-digit growth in both our loan production and our new deposit accounts, all while maintaining a strong asset quality culture. For the 9th year in a row we achieved a 5-star rating from independent bank rating agency Bauer Financial which is their highest possible rating based on the financial strength of the bank. Something we strive for every year.

A special acknowledgement to Greenville Federal Board member Dick O'Brien who will be retiring from our board in May 2020. Dick has served our company as a valued director for over 24 years and we thank him for his years of service and support. We wish Dick and his wife Jana many years of health and happiness and look forward to seeing them in the bank and around town.

As we continue to implement our long-term growth strategy, a major focus will be adding talented banking professionals to carry out our specific plan. This, coupled with a focus on technology, will allow Greenville Federal to continue to be an innovative true community bank. We will not just be a bank in a community, we will be a true community bank and that means supporting our local businesses, schools, and individuals in a true leadership fashion. I am proud of our teammates who have spent countless hours of their time assisting numerous community events to help promote and improve all of the communities we so proudly serve. Our future is bright and I greatly appreciate the confidence you have placed in our company as a shareholder and supporter.

Sincerely,

Al & Konise

Jeff D. Kniese, President & CEO



INDEPENDENT AUDITOR'S REPORT

Board of Directors Greenville Federal Financial Corporation Greenville, Ohio

Report of the Financial Statements

We have audited the accompanying consolidated financial statements of Greenville Federal Financial Corporation, which comprise the consolidated balance sheets as of December 31, 2019 and 2018, and the related consolidated statements of income, stockholders' equity, and cash flows for the years then ended, and the related notes to the consolidated financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purposes of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Greenville Federal Financial Corporation as of December 31, 2019 and 2018, and the results of its operations and its cash flows for the years then ended, in accordance with accounting principles generally accepted in the United States of America.

Come Hy

Crowe LLP

April 10, 2020 Cleveland, Ohio

GREENVILLE FEDERAL FINANCIAL CORPORATION CONSOLIDATED BALANCE SHEETS December 31, 2019 and 2018 (In thousands, except share data)

		<u>2019</u>		<u>2018</u>
Assets Cash and due from banks Overnight deposits	\$	4,058 19,500	\$	3,803 5,500
Interest-bearing deposits in other financial institutions Cash and cash equivalents		<u>1,232</u> 24,790		<u>1,094</u> 10,397
Interest-bearing time deposits in other financial institutions Securities held-to-maturity, at amortized cost (fair value of \$1,533 and \$1,859 at December 31, 2019		996		498
and 2018, respectively) Loans receivable, net of allowance for loan losses of \$978 and \$924		1,612		1,970
at December 31, 2019 and 2018, respectively Office properties and equipment, net Operating lease right of use asset		158,823 3,659 496		157,171 3,168 -
Stock in Federal Home Loan Bank Cash surrender value of life insurance Accrued interest receivable		703 5,654 720		703 5,507 682
Prepaid expenses and other assets		1,387		1,290
Total assets	<u>\$</u>	<u>198,840</u>	<u>\$</u>	181,386
Liabilities and stockholders' equity Noninterest-bearing deposits	\$	29,696	\$	26,888
Interest-bearing deposits Total deposits		<u>137,549</u> 167,245		<u>122,492</u> 149,380
Advances from the Federal Home Loan Bank Advances by borrowers for taxes and insurance		7,313 1,003		8,061 959
Operating lease liabilities Other liabilities		501 952		<u> </u>
Total liabilities		177,014		159,587
Common stock – authorized 8,000,000 shares, \$.01 par value; 2,298,411 shares issued (2,164,546 and 2,182,654 shares		00		00
outstanding at December 31, 2019 and 2018) Additional paid-in capital Treasury stock, at cost (133,865 and 115,757 shares at		23 9,256		23 9,192
December 31, 2019 and 2018) Retained earnings		(1,045) 14,134		(861) 14,065
Unearned Employee Stock Ownership Plan (ESOP) shares Total stockholders' equity		<u>(542</u>) 21,826		(620) 21,799
Total liabilities and stockholders' equity	<u>\$</u>	198,840	<u>\$</u>	181,386

GREENVILLE FEDERAL FINANCIAL CORPORATION CONSOLIDATED STATEMENTS OF INCOME Years ended December 31, 2019 and 2018 (In thousands, except share data)

	<u>2019</u>	<u>2018</u>
Interest income	¢ 7,000	¢ 6.710
Loans Taxable securities	\$7,092 9	\$ 6,719 20
Tax-exempt securities	24	20 25
Interest-bearing deposits and other	253	174
Total interest income	7,378	6,938
	.,	-,
Interest expense		
Deposits	1,613	1,170
Borrowings	160	180
Total interest expense	1,773	1,350
Net interest income	5,605	5,588
Provision for loan losses	67	95
Net interest income after provision for		
loan losses	5,538	5,493
Noninterest income		
Customer service charges	756	659
Gain on sale of mortgage loans	279	126
Other	267	288
Total noninterest income	1,302	1,073
Noninterest expense		
Employee compensation and benefits	3,302	2,976
Occupancy and equipment	842	704
Franchise taxes	182	177
Data processing	785	706
Other	1,272	1,023
Total noninterest expense	6,383	5,586
Income before federal income taxes	457	980
Federal income taxes		
Current	59	89
Deferred	7	44
Total federal income taxes	66	133
Net income	<u>\$ </u>	<u>\$ 847</u>
Earnings per share, basic	<u>\$0.19</u>	\$ 0.40
Earnings per share, diluted	\$ 0.19	\$ 0.40

	0 0	Common <u>Stock</u>	ε vi	Treasury <u>Shares</u>	A A A	Additional Paid-in <u>Capital</u>	E Re	Retained Earnings	Unearned ESOP <u>Shares</u>	urned OP <u>rres</u>	Accumulated Other Comprehensive <u>Income, Net</u>	d trite te	Total	<u>a</u>
Balance, January 1, 2018	Υ	23	Ф	(1,032)	φ	9,231	Ф	13,547	Ф	(269)	θ	1	\$	21,072
Repurchase of 2,003 common shares from stockholders Exercise of 26,500 stock options Net income Cash dividends paid of \$.28 per share Allocation of ESOP shares				(24) 195 		(87) - 12 - 12		- - 847 (329)		22				(24) 108 847 (329) 89
Balance, December 31, 2018		23		(861)		9,192		14,065		(620)				21,799
Repurchase of 2,150 common shares from stockholders		I		(23)		I		I		I		ı		(23)
Fepurchase of 2,958 allocated ESUP shares for employee diversification or separation		I		(28)		I		I		I		I		(28)
reputchase of 13,000 common shares from related party stockholder Not income		1 1		(133)		1 1		1 00		1 1				(133)
Cash dividends paid of \$.28 per share Allocation of ESOP shares		11		1 1		1 8		(322) -		- 78		1 1		(322) 96
Stock-based compensation expense		١		'		46		'		'		.		46
Balance, December 31, 2019	S	23	S	(1,045)	ŝ	9,256	Ś	14,134	S	(542)	S	1	Ś	21,826

GREENVILLE FEDERAL FINANCIAL CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS Years ended December 31, 2019 and 2018 (In thousands)

		<u>2019</u>		<u>2018</u>
Cash flows from operating activities				
Net income	\$	391	\$	847
Adjustments to reconcile net income to net cash	Ŧ		Ŧ	•
provided by operating activities:				
Amortization of premiums and discounts				
on investment and mortgage-backed securities, net		24		25
Accretion of deferred loan origination fees		(96)		(88)
Proceeds from sale of loans		20,248		10,222
Origination of loans held for sale		(20,121)		(10,176)
Depreciation and amortization		455		216
Amortization of mortgage servicing rights		77		29
Amortization of ESOP expense		96		89
Gain on sale of loans		(279)		(126)
Provision for loan losses		67		95
Changes in fair value of mortgage		01		00
servicing rights		123		(94)
(Gain) loss on sale of real estate acquired through foreclosure		18		(1)
Deferred tax expense		7		44
Amortization of expense related to stock benefit plans		46		36
Increase in cash surrender value of life insurance		(147)		(144)
Increase (decrease) in cash due to changes in:		(147)		(144)
Accrued interest receivable		(38)		(79)
Prepaid expenses and other assets		(188)		(439)
Accrued interest payable		2		48
Operating lease liabilities		(136)		-0+0
Other liabilities		(237)		(503)
Net cash provided by operating activities		<u>(237</u>) 312		<u>(303</u>)
Net cash provided by operating activities		512		1
Cash flows used in investing activities				
Proceeds from repayment of mortgage-backed securities		259		309
Proceeds from repayment of municipal obligation designated as		200		000
as held-to-maturity		75		72
Net change in interest-bearing time deposits		10		12
in other financial institutions		(498)		_
Loan principal repayments		32,010		33.774
Loan disbursements		(33,633)		(40,258)
Purchase of office premises and equipment		(805)		(1,067)
Proceeds from sale of real estate acquired through		(000)		(1,007)
foreclosure		18		31
Net cash used in investing activities		(2,574)		(7,139)
Not bash used in investing activities		(2,017)		(1,103)

GREENVILLE FEDERAL FINANCIAL CORPORATION CONSOLIDATED STATEMENTS OF CASH FLOWS (Continued) Years ended December 31, 2019 and 2018 (In thousands)

	<u>2019</u>	<u>2018</u>
Cash flows provided by financing activities Net increase in deposit accounts Repayment of Federal Home Loan Bank advances Advances by borrowers for taxes and insurance Proceeds from exercise of stock options Purchase of treasury stock Dividends paid on common stock Net cash provided by financing activities	17,865 (748) 44 - (184) <u>(322)</u> <u>16,655</u>	8,153 (1,163) 15 108 (24) <u>(329)</u> <u>6,760</u>
Increase (decrease) in cash and cash equivalents Cash and cash equivalents at beginning of year	14,393 <u>10,397</u>	(378) <u>10,775</u>
Cash and cash equivalents at end of year	<u>\$ 24,790</u>	<u>\$ 10,397</u>
Supplemental disclosure of cash flow information Cash paid during the period for: Interest on deposits and borrowings Federal income taxes	1,771 30	1,302 358
Supplemental disclosure of noncash activities Capitalization of mortgage servicing rights Operating lease right-of-use asset Operating lease liability	152 637 637	80 _ _

NOTE 1 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

<u>Principles of Consolidation</u>: The consolidated financial statements include Greenville Federal Financial Corporation ("GFFC") and its wholly owned subsidiary, Greenville Federal, together referred to as "the Corporation." Intercompany transactions and balances are eliminated in consolidation. Greenville Federal MHC, a federally chartered mutual holding company, owns 58.4% of GFFC's outstanding stock.

<u>Nature of Operations</u>: Greenville Federal provides financial services through its main and branch offices in Greenville, Ohio and branch offices in Troy, Ohio and Tipp City, Ohio. Its primary deposit products are checking, savings, and term certificate accounts, and its primary lending products are residential mortgage, commercial, commercial real estate and consumer loans. Substantially all loans are secured by specific items of collateral including business assets, consumer assets, and commercial and residential real estate. Commercial loans are expected to be repaid from cash flow from operations of businesses. There are no significant concentrations of loans to any one industry or customer. However, the customers' ability to repay their loans is dependent on the real estate and general economic conditions in the area.

<u>Subsequent Events</u>: The Corporation has evaluated subsequent events for recognition and disclosure through April 10, 2020, which is the date the financial statements were available to be issued. In December 2019, a novel strain of coronavirus surfaced in Wuhan, China, and has spread around the world, with resulting business and social disruption. The coronavirus was declared a Public Health Emergency of International Concern by the World Health Organization on January 30, 2020. The operations and business results of the company could be materially adversely affected. The extent to which the coronavirus may impact business activity or investment results will depend on future developments, which are highly uncertain and cannot be predicted, including new information which may emerge concerning the severity of the coronavirus and the actions required to contain the coronavirus or treat its impact, among others.

<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 actual results could differ.

<u>Cash Flows</u>: Cash and cash equivalents include cash and due from banks and interest-bearing deposits in other financial institutions (including the FHLB and the Federal Reserve Bank) with original terms to maturity of less than ninety days. Net cash flows are reported for interest-bearing time deposits, customer deposit transactions and borrowings with original maturities of less than ninety days.

Interest-Bearing Time Deposits in Other Financial Institutions: Interest-bearing time deposits in other financial institutions mature within one year and are carried at cost.

<u>Securities</u>: Available-for-sale debt securities, which include any security for which the Corporation has no immediate plan to sell but which may be sold in the future, are carried at fair value. Unrealized gains and losses are recorded, net of related income tax effects, in other comprehensive income.

Held-to-maturity securities, which include any security for which the Corporation has the positive intent and ability to hold until maturity, are carried at historical cost adjusted for amortization of premiums and accretion of discounts.

Equity investments (except those accounted for under the equity method of accounting or those that result in consolidation of the investee) are measured at fair value with changes in fair value recognized in net income.

Amortization of premiums and accretion of discounts are recorded as interest income from securities. Realized gains and losses are recorded as net security gains (losses). Gains and losses on sales of securities are determined on the specific-identification method.

<u>Other-than-temporary impairment on securities</u>: Management evaluates securities for other-thantemporary impairment ("OTTI") at least on a quarterly basis, and more frequently when economic or market conditions warrant such an evaluation. For securities in an unrealized loss position, Management considers the extent and duration of the unrealized loss, and the financial condition and near-term prospects of the issuer. Management also assesses whether it intends to sell, or it is more likely than not that it will be required to sell, a security in an unrealized loss position before recovery of its amortized cost basis. If either of these criteria is met, the entire difference between amortized cost and fair value is recognized as impairment through earnings. For debt securities that do not meet the aforementioned criteria, the amount of impairment is split into two components as follows: 1) OTTI related to credit loss, which must be recognized in the income statement, and 2) OTTI related to other factors, which is recognized in other comprehensive income. The credit loss is defined as the difference between the present value of the cash flows expected to be collected and the amortized cost basis.

<u>Loans</u>: Loans held in the portfolio are stated at the principal balance outstanding, adjusted for deferred loan origination fees and costs and the allowance for loan losses. Interest is accrued as earned unless the collectability of the loan is in doubt. Interest on loans that are contractually past due is charged off, or an allowance is established based on management's periodic evaluation. The allowance is established by a charge to interest income equal to all interest previously accrued, and income is subsequently recognized only to the extent that cash payments are received until, in management's judgment, the borrower's ability to make periodic interest and principal payments has returned to normal, in which case the loan is returned to accrual status.

All loan origination fees received, net of certain direct origination costs, are deferred on a loan-by-loan basis and amortized to interest income using the interest method, giving effect to actual loan prepayments. Loan origination costs represent the direct costs attributable to originating a loan, i.e., principally actual personnel costs.

The Corporation's lending efforts have historically focused on one- to four-family and multi-family residential real estate loans. In recent years, commercial real estate and commercial lending has become more significant. The preponderance of real estate loans have been underwritten on the basis of no more than an 80% loan-to-value ratio, which has historically provided the Corporation with adequate collateral coverage in the event of default. Nevertheless, the Corporation, as with any lending institution, is subject to the risk that real estate values could deteriorate in its primary lending area of west central Ohio, thereby impairing collateral values.

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

<u>Loans Held for Sale</u>: Loans held for sale are carried at the lower of cost or fair value, determined in the aggregate. In computing cost, deferred loan origination fees are deducted from the principal balances of the related loans.

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

<u>Allowance for Loan Losses</u>: It is the Corporation's policy to provide valuation allowances for probable incurred losses on loans based upon past loss experience, trends in the level of delinquent and specific problem loans, adverse situations that may affect the borrower's ability to repay, the estimated value of any underlying collateral and current and anticipated economic conditions in the primary market area. Major loans and major lending areas are reviewed periodically to determine potential problems at an early date. The allowance for loan losses is increased by charges to earnings and decreased by charge-offs (net of recoveries).

The allowance consists of specific and general components. The specific component relates to loans that are individually classified as impaired. A loan is defined as impaired when, based on current information and events, it is probable that the Corporation will be unable to collect all amounts due according to the contractual terms of the loan agreement. Impaired loans are measured based upon the present value of expected future cash flows discounted at the loan's effective interest rate or, as an alternative, at the loan's observable market price or fair value of the collateral. It is the Corporation's policy to charge off loans when uncollectibility of a loan is confirmed. Unsecured loans are charged off if they are more than 120 days delinquent. Similarly, collateral dependent loans which are more than ninety days delinquent are considered to constitute more than a minimum delay in repayment and are evaluated for impairment at that time.

If a loan is impaired, a portion of the allowance is allocated so that the loan is reported, net, at the present value of estimated future cash flows using the loan's existing rate or at the fair value of collateral if repayment is expected solely from the collateral.

Troubled debt restructurings are separately identified for impairment disclosures and are measured at the present value of estimated future cash flows using the loan's effective rate at inception. If a troubled debt restructuring is considered to be a collateral dependent loan, the loan is reported, net, at the fair value of the collateral. For troubled debt restructurings that subsequently default, the Corporation determines the amount of reserve in accordance with the accounting policy for the allowance for loan losses.

The general component of the allowance covers loans that are collectively evaluated for impairment and loans that are individually evaluated but not considered impaired. The general allowance is based on historical loss experience adjusted for current factors. The historical loss experience is determined by portfolio segment and is based on the actual loss history experienced by the Corporation over the most recent 3 years. This actual loss experience is supplemented with other economic factors based on the risks present for each portfolio segment. These economic factors include consideration of the following: levels of and trends in delinquencies and impaired loans; levels of and trends in charge-offs and recoveries; trends in volume and terms of loans; effects of any changes in risk selection and underwriting standards; other changes in lending policies, procedures, and practices; experience, ability, and depth of lending management and other relevant staff; national and local economic trends and conditions; industry conditions; and effects of changes in credit concentrations. The following portfolio segments have been identified:

Construction Real Estate Loans: Construction real estate loans represent loans for the construction of a residence or commerical property. The risks are similar to residential real estate and commercial loans but include additional risk should construction costs exceed budget. Construction progress is monitored through periodic inspections to ensure construction draws are consistent with the percentage of completion.

Residential Real Estate Loans: Residential real estate loans represent loans to consumers for the purchase, refinance, or improvement of a residence. These loans also include variable rate home equity lines of credit. Real estate market values at the time of origination directly affect the amount of credit extended and, in the event of default, subsequent changes in these values may impact the severity of losses. Factors considered by management include unemployment levels and residential real estate values in the Corporation's market area.

Commercial Real Estate Loans: Commercial real estate loans are subject to underwriting standards and processes similar to commercial loans. These loans are viewed primarily as cash flow loans and the repayment of these loans is largely dependent on the successful operation of the property. Loan performance may be adversely affected by factors impacting the general economy or conditions specific to the real estate market such as geographic location and property types. Management specifically considers vacancy rates in its market area, as well as real estate values and, to a lesser extent, unemployment and energy prices.

Land Loans: Land loans include loans to develop vacant or raw land and are made to various builders and developers with whom the Corporation has had long-standing relationships. All such loans are secured by land zoned for residential or commerical developments and located within the Corporation's market area.

The Corporation also makes loans to individuals who purchase and hold land for various reasons, such as the future construction of a residence. Land lending is considered to involve a higher level of credit risk due to the fact that funds are advanced upon the security of the land, which is of uncertain value prior to its development.

Commercial Loans: Commercial credit is extended to commercial customers for use in normal business operations to finance working capital needs, equipment purchases, or other projects. The majority of these borrowers are customers doing business in the Corporation's primary market area. These loans are generally underwritten individually and secured with the assets of the company and the personal guarantee of the business owners. Commercial loans are made based primarily on the basis of the borrower's ability to make repayment from the historical and projected cash flow of the borrower's business and the underlying collateral provided by the borrower. Management specifically considers unemployment, energy prices and, to a lesser extent, real estate values and vacancies in the Corporation's market area.

Consumer Loans: Consumer loans are primarily comprised of secured loans including automobile loans, loans on savings deposits and home improvement loans, and to a lesser extent unsecured personal loans. These loans are underwritten based on several factors including debt to income, type of collateral and loan to collateral value, credit history and relationship with the borrower. Unemployment rates and energy prices are specifically considered by management.

<u>Servicing Assets</u>: Servicing rights are recognized separately when they are acquired through sales of loans. When mortgage loans are sold, servicing rights are initially recorded at fair value with the income statement effect recorded in gains on sales of loans. Fair value is based on market prices for comparable mortgage servicing contracts, when available, or alternatively is based on a valuation model that calculates the present of estimated future net servicing income.

Under the fair value measurement method, the Company measures servicing rights at fair value at each reporting date and reports changes in fair value of servicing assets in earnings in the period in which the changes occur, and are included with other noninterest expense on the income statement. The fair values of servicing rights are subject to significant fluctuations as a result of changes in estimated and actual prepayment speeds and default rates and losses.

Servicing fee income, which is reported on the income statement as other noninterest income, is recorded for fees earned for servicing loans. The fees are based on a contractual percentage of the outstanding principal; or a fixed amount per loan and are recorded as income when earned.

<u>Foreclosed Assets</u>: Real estate acquired through foreclosure is transfered at fair value less estimated selling expenses at the date of acquisition. Physical possession of residential real estate property collateralizing a consumer mortgage loan occurs when legal title is obtained upon completion of foreclosure or when the borrower conveys all interest in the property to satisfy the loan through completion of a deed in lieu of foreclosure or through a similar legal agreement. Real estate loss provisions are recorded if the properties' fair value subsequently declines below the value determined at the transfer date. In determining the fair value at acquisition, costs relating to development and improvement of property are considered. Costs relating to holding real estate acquired through foreclosure, net of rental income, are charged against earnings as incurred.

<u>Premises and Equipment</u>: Office premises and equipment are carried at cost less accumulated depreciation and include expenditures which extend the useful lives of existing assets. Maintenance, repairs and minor renewals are expensed as incurred. For financial reporting, depreciation and amortization are provided on the straight-line method over the useful lives of the assets, estimated to be forty years for buildings, three to ten years for furniture and equipment, the lesser of the useful life or lease term for leasehold improvements, and five years for automobiles. Improvements are depreciated over their individual useful lives.

<u>Investment in Federal Home Loan Bank Stock</u>: Greenville Federal is required, as a condition of membership in the Federal Home Loan Bank of Cincinnati ("FHLB"), to maintain an investment in FHLB common stock. The stock is redeemable at par and, therefore, its cost is equivalent to its redemption value. Greenville Federal's ability to redeem FHLB shares is dependent on the redemption practices of the FHLB.

At December 31, 2019, the FHLB placed no restrictions on redemption of shares in excess of a member's required investment in the stock.

<u>Company Owned Life Insurance</u>: The Corporation has purchased life insurance policies on certain key executives. Company owned life insurance is recorded at the amount that can be realized under the insurance contract at the balance sheet date, which is the cash surrender value adjusted for other charges or other amounts due that are probable at settlement.

<u>Stock-Based Compensation</u>: Compensation cost is recognized for stock options and restricted stock awards issued to employees and directors, based on fair value of these awards at the date of grant. A Black-Scholes model is utilized to estimate the fair value of stock options, while the market price of the Corporation's common stock at the date of grant is used for restricted stock awards.

Compensation cost is recognized over the required service period, generally defined as the vesting period. For awards with graded vesting, compensation cost is recognized on a straight-line basis over the requisite service period for the entire award.

<u>Income Taxes</u>: Income tax expense is the total 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 amounts for the temporary differences between carrying amounts and tax basis 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.

A tax position is recognized 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 Corporation recognizes interest and/or penalties related to income tax matters in income tax expense.

<u>Retirement Plans</u>: Employee 401(k) expense is the amount of matching contributions. Deferred compensation plan expense allocates the benefits over the years of service.

<u>Employee Stock Ownership Plan</u>: The cost of shares issued to the Employee Stock Ownership Plan ("ESOP"), but not yet allocated to participants, is shown as a reduction of stockholders' equity. Compensation expense is based on the fair value of shares as they are committed to be released to participant accounts. Dividends on allocated ESOP shares reduce retained earnings; dividends on unearned ESOP shares reduce debt and accrued interest. Participants may exercise a put option and require the Corporation to repurchase their ESOP shares upon termination of employment.

<u>Earnings Per Common Share</u>: Basic earnings per common share is computed based upon the weightedaverage number of common shares outstanding during the period, less shares in the Corporation's ESOP that are unallocated and not committed to be released and unearned restricted stock awards. Diluted earnings per share includes the dilutive effect of potential common shares issuable under stock options.

For the fiscal year ended December 31, 2019, weighted-average shares outstanding were computed as follows: (1) 2,169,468 average shares were outstanding for the period from January 1, 2019 through December 31, 2019, (2) 67,500 weighted-average shares in the ESOP that were unallocated and not committed to be released were not considered outstanding for the fiscal year ended December 31, 2019, and (3) 48 weighted-average shares acquired for the 2006 Equity Plan that were not awarded were treated as treasury shares and not considered outstanding, and (4) average unearned restricted stock awards of 9,411. Weighted-average shares outstanding totaled 2,092,509 for the fiscal year ended December 31, 2019. Diluted earnings per common share include the dilutive effect of all additional potential common shares issuable. Weighted-average shares outstanding for purposes of computing diluted earnings per share which included 5,098 additional shares related to stock options and 1,091 additional shares related to restricted stock awards, totaled 2,098,698 for the fiscal year ended December 31, 2019. 8,800 outstanding stock options were not considered in computing diluted earnings per share because they were antidilutive.

For the fiscal year ended December 31, 2018, weighted-average shares outstanding were computed as follows: (1) 2,184,258 average shares were outstanding for the period from January 1, 2018 through December 31, 2018, (2) 76,500 weighted-average shares in the ESOP that were unallocated and not committed to be released were not considered outstanding for the fiscal year ended December 31, 2018, and (3) 48 weighted-average shares acquired for the 2006 Equity Plan that were not awarded were treated as treasury shares and not considered outstanding, and (4) average unearned restricted stock awards of 8,916. Weighted-average shares outstanding totaled 2,098,794 for the fiscal year ended December 31, 2018. Diluted earnings per common share include the dilutive effect of all additional potential common shares issuable. Weighted-average shares outstanding for purposes of computing diluted earnings per share which included 1,862 additional shares related to stock options and 966 additional shares related to restricted stock awards, totaled 2,101,622 for the fiscal year ended December 31, 2018. 8,150 outstanding stock options were not considered in computing diluted earnings per share because they were antidilutive.

<u>Comprehensive Income</u>: Comprehensive income consists of net income and other comprehensive income. Other comprehensive income includes unrealized gains and losses on securities available for sale which are also recognized as separate components of equity. The Corporation had no other comprehensive income during 2019 and 2018.

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

<u>Restrictions on Cash</u>: Cash on hand or deposit with the Federal Reserve Bank was required to meet regulatory reserve and clearing requirements. These balances do not earn interest.

<u>Dividend Restricton</u>: Banking regulations require maintaining certain capital levels and may limit the dividends paid by the bank to the holding company or by the holding company to stockholders.

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

<u>Reclassifications</u>: Reclassification of certain amounts in the prior years consolidated financial statements have been made to conform to the current presentation. Reclassifications had no effect on prior year net income or stockholders' equity.

Adoption of New Accounting Standards: On January 1, 2019, the Corporation adopted ASU No. 2016-02 "Leases (Topic 842)" and subsequent amendments thereto, which requires the Corporation to recognize most leases on the balance sheet. We adopted the standard under a modified retrospective approach as of the date of adoption and elected to apply several of the available practical expendients, including:

- Carry over of historical lease determination and lease classification conclusions
- Carry over of historical initial direct cost balances for existing leases
- Accounting for lease and non-lease components in contracts in which the Corporation is a lessee as a single lease component

Adoption of the leasing standard resulted in the recognition of operating right-of-use assets of \$637,000 and operating lease liabilities of \$637,000 as of January 1, 2019. These amounts were determined based on the present value of remaining minimum lease payments, discounted using the Corporation's incremental borrowing rate as of the date of adoption. There was no material impact to the timing of expense or income recognition in the Corporation's Consolidated Income Statements. Prior periods were not restated and continue to be presented under legacy GAAP. Disclosures about the Corporation's leasing activities are presented Note 5 – Leases.

NOTE 2 -SECURITIES

The amortized cost, gross unrecognized gains, gross unrecognized losses and estimated fair value of securities held to maturity at December 31, 2019 and 2018 were as follows (in thousands):

December 31, 2019		ortized <u>Cost</u>	Gross Unrecognized <u>Gains</u>		Unreco	oss ognized <u>sses</u>	Fair <u>Value</u>
Federal Home Loan Mortgage Corporation participation certificates Federal National Mortgage Association participation certificates	\$	255 390	\$	- 3	\$	35 51	\$ 220 342
Government National Mortgage Association participation certificates Municipal obligations		30 937		1 <u>3</u>		_	 31 940
	<u>\$</u>	1,612	\$	7	\$	86	\$ 1,533
<u>December 31, 2018</u> Federal Home Loan Mortgage Corporation participation certificates Federal National Mortgage	\$	338	\$	_	\$	43	\$ 295
Association participation certificates		579		4		67	516
Government National Mortgage Association participation certificates Municipal obligations		36 1,017		-		- 5	 36 1,012
	\$	1,970	\$	4	\$	115	\$ 1,859

The amortized cost and estimated fair values of securities held to maturity at December 31, 2019, by contractual term to maturity, are shown below (in thousands). Actual maturities will differ from contractual maturities because borrowers may generally prepay obligations without prepayment penalties.

		ortized sost	2	Fair <u>√alue</u>
Due in one year or less Due after one year through five years Due after five years through ten years Due after ten years	\$	75 428 1,056 <u>53</u>	\$	75 414 989 <u>55</u>
	<u>\$</u>	1,612	<u>\$</u>	1,533

NOTE 2 -SECURITIES (Continued)

The tables below indicate the length of time individual securities have been in a continuous unrecognized loss position at December 31, 2019 and 2018, respectively (in thousands):

Held-to-Maturity	<u>Less th</u> Fair	<u>nan 12 Months</u> Unrecognized	<u>12 Mo</u> Fair	<u>nths or More</u> Unrecognized		<u>otal</u> Unrecognized
<u>December 31, 2019</u> Federal Home Loan Mortgage	Value	Loss	Value	Loss	Value	Loss
Corporation participation certificates Federal National Mortgage Association participation	\$1	\$ –	\$ 218	\$ 35	\$ 219	\$ 35
certificates Government National Mortgag	e 1	-	307	51	308	51
Association participation certificates	-	_	1	_	1	_
Municipal obligations						
Total held-to-maturity	<u>\$2</u>	<u>\$ </u>	<u>\$ 526</u>	<u>\$86</u>	<u>\$ </u>	<u>\$86</u>
Held-to-Maturity	<u>Less th</u> Fair	nan 12 Months	<u>12 Mo</u> Fair	nths or More		<u>otal</u> Unrecognized
<u>December 31, 2018</u> Federal Home Loan Mortgage	Value	Unrecognized Loss	Value	Unrecognized Loss	Fair <u>Value</u>	Loss
Corporation participation certificates Federal National Mortgage	\$1	\$ -	\$ 292	\$ 43	\$ 293	\$ 43
Association participation	_	_	466	67	466	67

certificates Government National Mortga Association participation	- age	-	466	67	466	67
certificates Municipal obligations	34		2 272	5	36 272	5
Total held-to-maturity	<u>\$35</u>	<u>\$ </u>	<u>\$ 1,032</u>	<u>\$ 115</u>	<u>\$ </u>	<u>\$ 115</u>

The Corporation's investments are generally limited to issuances of U.S. Government, government agencies, government sponsored entities, municipalities and other high quality debt instruments. At December 31, 2019, based on evaluation of available evidence, including changes in market interest rates, credit rating information and information obtained from regulatory filings, management believed the declines in fair value for these securities were temporary. As such, unrealized losses on securities have not been recognized into income because the issuers bonds are of high credit quality (rated AA or higher), management does not intend to sell and it is likely that management will not be required to sell the securities prior to their anticipated recovery, and the decline in fair value is largely due to changes in interest rates and other market conditions since the time of purchase. The issuers continue to make timely principal and interest payments on the bonds. The fair value is expected to recover as the bonds approach maturity.

There were no securities sold during 2019 or 2018.

There were no securities pledged at December 31, 2019 and 2018. Securities eligible to be pledged at December 31, 2019 and 2018 had a carrying amount of \$1,612,000 and \$1,970,000, respectively.

NOTE 3 – LOANS

The composition of the loan portfolio at December 31, 2019 and 2018 was as follows (in thousands):

		<u>2019</u>		<u>2018</u>
Construction real estate	\$	12,118	\$	15,643
Residential real estate		103,086		106,842
Commercial real estate		30,342		25,774
Land		1,577		1,693
Commercial		16,692		15,007
Consumer		1,625		1,481
Total loans		165,440		166,440
Less:				
Deferred loan origination fees, net		248		258
Allowance for loan losses		978		924
Undisbursed portion of loans in process		<u>5,391</u>		8,087
Net loans	<u>\$</u>	158,823	<u>\$</u>	157,171

GREENVILLE FEDERAL FINANCIAL CORPORATION	NOTES TO CONSOLIDATED FINANCIAL STATEMENTS	Years ended December 31, 2019 and 2018
GREENVILLE FEDERAL	NOTES TO CONSOLIDAT	Years ended Dece

Mortgage loans serviced for others are not reported as assets. The principal balance of these loans at December 31, 2019 and 2018 was approximately \$62.0 million and \$52.4 million, respectively. Servicing rights, included in prepaid expenses and other assets, associated with the serviced loans totaled \$601,000 and \$647,000 at December 31, 2019 and 2018, respectively.

The following table presents the activity in the allowance for loan losses by portfolio segment for the years ending December 31, 2019 and 2018 (in thousands):

Total	924 67 (40) 27	978	<u>Total</u> 888 95 (96) 37 224
	\$	S	က မ
Unallocated		1	Jnallocated
	23 23 23 (40)	23	18 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Consumer	-040		Consumer 28 28 28 28 28 28
0	\$	S	67 67
Commercial	85 52 4	141	Commercial \$56 (29) 56 56 56 56 85 85
Con	φ	S	e e Co
	(<u>5</u> - 1	б	10 30
Land			Land
اھ ما	\$	S	ം പ്ര പ്ര
Commercial Real Estate	141 19	160	Commercial Real Estate 130 11 - - 141
ŎЙ	φ	S	୰ଝାୢୢ୶ୄ୲୶
Residential Real Estate	622 (19) 	603	Residential Real Estate \$ 608 33 (47) 28 \$ 622
Resi Real	φ	ŝ	а а а а а а а а а а а а а а
Construction Real Estate	48 (6)	42	Construction Res Real Estate Res \$ 51 \$ (3) \$ 48 \$
Cons Rea	φ	Ś	s cons
December 31, 2019 Allowance for local Josses	Provision for loan losses. Beginning balance Provision for loan losses Loans charged-off Recoveries	Total ending allowance balance	Cc December 31, 2018 Allowance for loan losses: Beginning balance Provision for loan losses Loans charged-off Recoveries Total ending allowance balance

GREENVILLE FEDERAL FINANCIAL CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS Years ended December 31, 2019 and 2018

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 as of December 31, 2019 and 2018 (in thousands). It was not practical to add accrued interest or unamortized deferred loan fees for the portfolio segments.

Total	95 883	978	2,426 157,623	\$ 160,049	22 902	924	416 57,937	\$ 158,353
	ŝ		φ	ŝ	÷	S	φ	ŝ
Consumer	23 -	23	- 1,625	1,625	<u>1</u> ى ئ	18	5 1,476	1,481
Con	φ	S	φ	ഗ	θ	ഗ	φ	ഗ
Commercial	50 91	141	463 16,229	16,692	85	85	- 15,007	15,007
Con	ŝ	ഗ	φ	ഗ	မ	ഗ	ŝ	S
Land	ו ס ו	0	- 1,577	1,577	1 0	10	- 1,693	1,693
	ŝ	в	φ	S	\$	S	φ	S
Commercial Real <u>Estate</u>	- 160	160	1,197 28,346	29,543	141	141	- 24,875	24,875
С Сод П	φ	ഗ	φ	ഴ	\$	ഗ	φ	S
Residential Real <u>Estate</u>	45 558	603	766 102,106	102,872	17 605	622	411 106,431	106,842
Re	ŝ	S	φ	` م	θ	ഗ	φ	` ب
Construction Real <u>Estate</u>	42	42	- 7,740	7,740	48 -	48	- 8,455	8,455
Cons	\$	ഗ	φ	ഴ	6	ഗ	ŝ	S
<u>December 31, 2019</u> Allowance for loan losses:	Ending allowance balance attributable to loans: Individually evaluated for impairment Collectively evaluated for impairment	Total ending allowance balance	Loans: Loans individually evaluated for impairment Loans collectively evaluated for impairment	Total ending loan balance	December 31, 2018 Allowance for Ioan Iosses: Ending allowance balance attributable to Ioans: Individually evaluated for impairment Collectively evaluated for impairment	Total ending allowance balance	Loans: Loans individually evaluated for impairment Loans collectively evaluated for impairment	Total ending loan balance

GREENVILLE FEDERAL FINANCIAL CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS Years ended December 31, 2019 and 2018

NOTE 3 – LOANS (Continued)

The following table presents information related to impaired loans by class of loans as of and for the years ended December 31, 2019 and 2018 (in thousands):

	Cash Basis Interest <u>Recognized</u>	37	68 5	12 122	თ	9 0 18	140	3 <u>0</u> - 30	ဖ၊ဖ	45
	Cas T Rec Rec	÷			ب		θ	θ	\$	ы
	Interest Income <u>Recognized</u>	37	68 5	13 123	5	14 25	148	45 45	470	52
	<u>R</u>	÷			ഗ		θ	÷	φ	ы
כמ וסמווא אל ממאא מי וסמווא מא טו מוות וטו נווב לכמוא בוומכת בכיכווואכו	Average Recorded Investment	445	615 60	117 1,237	128	174 302	1,539	387 15 402	93 7 100	502
20100	чш <u>с</u>	⇔			\$		S	မ	φ	ы
	Allowance for Loan Losses <u>Allocated</u>	I	11		45	50 95	95		17 5 22	22
	Allov Loa <u>Al</u> l	Ф			ഗ	,	S	φ	φ	ы
	Recorded Investment	603	1,077 120	235 2,035	163	228 391	2,426	320 - 320	91 90	416
ny cla	R€ Inv	÷			ب		S	θ	\$	Ь
	Unpaid Principal <u>Balance</u>	603	1,077 120	235 2,035	163	228 391	2,426	320 - 320	91 91 96	416
	<u>P</u> ⊡	θ			ഗ	,	S	ю	ø	ы
	<u>December 31, 2019</u> With no related allowance recorded: Residential real estate:	1-4 family residential	Commercial real estate Commercial real estate Multi-family residential	Commercial Subtotal	With an allowance recorded: Residential real estate: 1-4 family residential	Commercial Subtotal	Total	<u>December 31, 2018</u> Residential real estate: 1-4 family residential Commercial real estate Subtotal	With an allowance recorded: Residential real estate: 1-4 family residential Consumer Other Subtoral	Total

The recorded investment excludes accrued interest receivable and unearned loan origination fees due to immateriality.

The following table presents the recorded investment in nonaccrual and loans past due over 90 days still on accrual by class of loans as of December 31, 2019 and 2018 (in thousands):

		<u>Nona</u> 2019	ccru	ual 2018		Loans Pas <u>90 Days Si</u> <u>2019</u>		
Residential real estate:								
1-4 family residential	\$	361	\$	69	\$	_	\$	-
Commercial real estate		-		-		_		_
Land		-		-		-		-
Commercial		228		-		-		-
Consumer								
Auto		-		-		-		-
Other				5		_		_
Total	<u>\$</u>	589	<u>\$</u>	74	<u>\$</u>		<u>\$</u>	

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

<u>December 31, 2019</u> Construction real estate Residential real estate:	30 - 59 Days <u>Past Due</u> \$ -	[0 - 89 Days <u>st Due</u> –	or	Days More <u>st Due</u> –	Tota <u>Past D</u> \$			ns Not <u>st Due</u> 7,740	\$	<u>Total</u> 7,740
1-4 family residential	93		11		361	4	465		97,580		98,045
Home equity line of credit	-		-		-		-		4,827		4,827
Commercial real estate: Commercial real estate	_		_		_		_		22,287		22,287
Multi-family residential	_		_		_		_		7,256		7,256
Land	-		-		-		-		1,577		1,577
Commercial	-		-		228		228		16,464		16,692
Consumer:									0.47		0.47
Auto Other	-		_		_		_		947 678		947 <u>678</u>
Outor									010		010
Total	<u>\$ 93</u>	\$	11	<u>\$</u>	589	<u>\$</u> (<u> 593</u>	<u>\$ 1</u>	59,356	\$	160,049
<u>December 31, 2018</u>											
Construction real estate	\$ -	\$	-	\$	-	\$	-	\$	8,455	\$	8,455
Residential real estate:	0.4.0		404								404 700
1-4 family residential	312		101		69	4	182	1	01,304		101,786
Home equity line of credit Commercial real estate:	-		-		-		-		5,056		5,056
Commercial real estate	36		-		_		36		21,428		21,464
Multi-family residential	-		-		-		-		3,411		3,411
Land	-		-		-		-		1,693		1,693
Commercial	-		-		-		-		15,007		15,007
Consumer:											
Auto	-		-		-		-		880		880
Other		·			5		5		<u>596</u>		601
Total	<u>\$348</u>	<u>\$</u>	101	<u>\$</u>	74	<u>\$</u>	523	<u>\$ 1</u>	57,830	<u>\$</u>	158,353

(Continued)

Troubled Debt Restructurings:

As of December 31, 2019 and 2018, the Corporation has a recorded investment in troubled debt restructurings of \$186,000 and \$193,000. The Corporation had \$13,000 in specific reserves allocated to customers whose loan terms had been modified in troubled debt restructurings as of December 31, 2019. The Corporation had \$14,000 in specific reserves allocated to customers whose loan terms had been modified in troubled debt restructurings as of December 31, 2019. The Corporation had \$14,000 in specific reserves allocated to customers whose loan terms had been modified in troubled debt restructurings as of December 31, 2018. The Corporation has not committed to lend additional amounts as of December 31, 2019 and 2018 to customers with outstanding loans that are classified as troubled debt restructurings.

There was one troubled debt restructured loan that was refinanced during the year ended December 31, 2019. There were not any loans that were modified as troubled debt restructurings during the year ended December 31, 2018. During these same years there were no material troubled debt restructurings for which there was a payment default within twelve months following the modification.

A loan is considered to be in payment default once it is 30 days contractually past due under the modified terms.

In order to determine whether a borrower is experiencing financial difficulty, an evaluation is performed of the probability that the borrower will be in payment default on any of its debt in the foreseeable future without the modification. This evaluation is performed under the company's internal underwriting policy.

Credit Quality Indicators:

The Corporation categorizes loans into risk categories based on relevant information about the ability of 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 Corporation analyzes loans individually by classifying the loans as to credit risk. This analysis includes loan relationships greater than \$250,000 and non-homogenous loans, such as commercial and commercial real estate loans. This analysis is performed on an annual basis. The Corporation uses the following definitions for risk ratings:

Special Mention. Loans classified as special mention have a potential weakness that deserves management's close attention. If left uncorrected, these potential weaknesses may result in deterioration of the repayment prospects for the loan or of the institution's credit position at some future date.

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

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

Loss. Loans or a portion thereof classified as losses considered uncollectible and of such little value that its continuance as an asset, without establishment of a specific valuation allowance or charge-off, is not warranted. This classification does not necessarily mean that an asset has absolutely no recovery or salvage value; but rather, it is not practical or desirable to defer writing off a basically worthless asset (or portion) even though partial recovery may be affected in the future.

Loans not meeting the above criteria that are analyzed individually as part of the above described process are considered to be pass rated loans.

Loans listed as not rated are performing or are included in groups of homogeneous loans. As of December 31, 2019 and 2018, and based on the most recent analysis performed, the risk category of loans by class of loans is as follows (in thousands):

December 31, 2019 Construction real estate	<u>Pass</u> \$ 6,335	Special <u>Mention</u> \$ –	<u>Substandard</u> \$ –	<u>Doubtful</u> \$	\$	Not <u>Rated</u> \$ 1,405
Residential real estate: 1-4 family real estate	9,216	305	613	-	-	87,911
Home equity line of credit Commercial real estate:	445	-	-	-	-	4,382
Commercial real estate	15,225	-	1,077	-	-	5,985
Multi-family residential	6,667	-	-	119	-	470
Land	493	-	-	-	-	1,084
Commercial	14,242	29	235	228	_	1,958
Consumer: Auto	7	_	_	_	_	940
Other	225	_	_	_	_	453
Total	\$ 52,855	\$ 334	\$ 1,925	\$ 347	\$ -	<u>\$ 104,588</u>
	<u> </u>			<u>. </u>	<u></u>	·····
<u>December 31, 2018</u>						
Construction real estate	\$ 5,985	\$ -	\$ -	\$ -	\$ -	\$ 2,470
Residential real estate:						
1-4 family real estate	11,336	410	362	-	-	89,678
Home equity line of credit Commercial real estate:	478	_	-	_	_	4,578
Commercial real estate	15,838	1,119	_	_	_	4,507
Multi-family residential	2,207	1,113	_	_	_	1,204
Land	502	_	_	_	_	1,191
Commercial	12,372	208	-	_	_	2,427
Consumer:	,					,
Auto	7	-	-	-	-	873
Other	165		5			431
Total	<u>\$ 48,890</u>	<u>\$ 1,737</u>	<u>\$ 367</u>	<u>\$ </u>	<u>\$ </u>	<u>\$ 107,359</u>

The Corporation also evaluates the credit quality of homogenous loans by delinquency status, which has been previously disclosed.

Loans to executive officers, directors and companies with which they are affiliated totaled \$627,000 and \$753,000 at December 31, 2019 and 2018.

NOTE 4 – OFFICE PROPERTIES AND EQUIPMENT

Office properties and equipment at December 31, 2019 and 2018 was as follows (in thousands):

	<u>2019</u>	<u>2018</u>
Land Leasehold improvements Buildings and improvements Furniture and equipment	\$ 1,214 547 2,822 2,107	\$ 714 547 2,671 2,206
Vehicles Less accumulated depreciation and amortization	<u> </u>	<u> </u>
Net office properties and equipment	<u>\$ 3,659</u>	<u>\$ 3,168</u>

Depreciation expense was \$314,000 and \$216,000 for 2019 and 2018.

NOTE 5 – LEASES

Lessee Arrangements

The Corporation's operating lease right-of-use ("ROU") assets and operating lease liabilities represent leases for two banking center locations. Leases with an initial term of 12 months or less are not recorded on the consolidated balance sheet. The lease expense for these leases are recorded on a straight-line basis over the lease term. Leases with initial terms in excess of 12 months are recorded as either operating or financing leases on the consolidated balance sheet. The Corporation has no finance lease arrangements. Operating leases have remaining lease terms terms ranging from 3.0 years to 3.75 years, some of which include options to extend the leases for up to 10 years. Operating lease ROU assets and operating lease liabilities are valued based on the present value of future minimum lease payments, discounted with an incremental borrowing rate for the same term as the underlying lease. Upon adoption of the new lease guidance on January 1, 2019, an initial ROU asset of \$637,000 was recognized as a non-cash asset addition to the consolidated balance sheet.

Right-of-use assets and lease liabilities by lease type, and the associated balance sheet classifications, are as follows (in thousands):

	Balance Sheet Classification	December 31, <u>2019</u>
Right-of-use assets: Operating leases	Office properties and equipment	<u>\$ 496</u>
Total right-of-use assets		<u>\$ 496</u>
Lease liabilities: Operating leases	Operating lease liabilities	<u>\$ </u>
Total lease liabilities		<u>\$ 501</u>

GREENVILLE FEDERAL FINANCIAL CORPORATION NOTES TO CONSOLIDATED FINANCIAL STATEMENTS Years ended December 31, 2019 and 2018

NOTE 5 - LEASES (Continued)

Lease Expense

The components of total lease cost were as follows for the period ending (in thousands):

	December 31, <u>2019</u>
Operating lease cost	<u>\$ 158</u>
Total lease cost, net	<u>\$ 158</u>

Total rent expense for the year ending December 31, 2019 was \$150,500.

Lease Obligations

Future undiscounted lease payments for operating leases with initial terms of one year or more as of December 31, 2019 are as follows:

Year ending December 31,	(in thousands)
2020 2021 2022 2023	156 160 162 47
2024 Total undiscounted lease payments Less: imputed interest	525 (24)
Net lease liabilities	<u>\$ 501</u>

Supplemental Lease Information

	December 31, <u>2019</u>
Operating lease weighted average remaining lease term (years)	3.4 vears
Operating lease weighted average discount rate	2.94%

- -

NOTE 6 – FEDERAL INCOME TAXES

The provision for federal income taxes differs from that computed at the statutory corporate rate (21%) for the years ended December 31, 2019 and 2018 as follows (in thousands):

	<u>20</u>	<u>)19</u>	<u>2</u>	<u>018</u>
Federal income taxes computed at 21% statutory rate for 2019 and 2018 respectively Increase (decrease) in taxes resulting from:	\$	96	\$	206
Increase in cash surrender value of life insurance Change in valuation allowance on		(38)		(30)
deferred tax assets		(153)		-
Expiration of capital loss carryforwards Other		175 (14)		_ (43)
Federal income taxes	\$	66	\$	133
Effective rate of tax		<u>14.5</u> %		<u>13.6</u> %

The composition of the Corporation's net deferred tax asset (liability) at December 31 was as follows (in thousands):

	<u>2019</u>	<u>2018</u>
Taxes (payable) refundable on temporary differences at statutory rate: Deferred tax liabilities		
Federal Home Loan Bank stock dividends	\$	(60) \$ (60)
Difference between book and tax depreciation		(96) (64)
Lease right of use asset	(104) –
Mortgage servicing rights	(<u>126</u>) <u>(136</u>)
Total deferred tax liabilities	(3	386) (260)
Deferred tax assets		
General loan loss allowance		200 189
Deferred loan origination fees		49 51
Capital loss carry-forward		- 175
Nonaccrual loan interest		3 1
Lease liability		105 –
Contribution carry-forward		13 –
Accrued compensation		45 41
Equity based compensation		19 17
Other		26 20
Gross deferred tax assets		460 494
Less: valuation allowance		<u> </u>
Total deferred tax assets, net		460 341
Net deferred tax asset	<u>\$</u>	<u>74</u> <u>\$ 81</u>

(Continued)

NOTE 6 – FEDERAL INCOME TAXES (Continued)

The valuation allowance relates to realized capital losses from sales of securities which only may be used to offset capital gains. At December 31, 2018, the Corporation had \$834,293 of capital loss carryforwards available, which could be carried forward for up to five years. These capital loss carryforwards expired at December 31, 2019. The expiration of the capital loss carryforwards net of the valuation allowance resulted in additional federal income tax expense of \$22,000 for the year ending December 31, 2019. No capital loss carryforward or related valuation allowance exists as of December 31, 2019.

Prior to 1997, the Corporation was allowed a special bad debt deduction generally limited to 8% of otherwise taxable income and subject to certain limitations based on aggregate loans and deposit account balances at the end of the year. If the amounts that previously qualified as deductions for federal income taxes are later used for purposes other than bad debt losses, including distributions in liquidation, such distributions will be subject to federal income taxes at the then current corporate income tax rate. Retained earnings at December 31, 2019, include approximately \$1.8 million for which federal income taxes have not been provided. The amount of unrecognized deferred tax liability relating to the cumulative bad debt deduction was approximately \$378,000 at December 31, 2019. Management believes that it is more likely than not that the results of future operations, as integrated with the reversal of deferred tax benefits, will generate sufficient taxable income to realize reported deferred tax assets.

At December 31, 2019 and 2018 the Corporation had no unrecognized tax benefits. The Corporation does not expect the amount of unrecognized tax benefits to increase substantially in the next twelve months. There were no amounts recognized for penalties or interest in the income statement for the years ended December 31, 2019 and 2018 nor any amounts accrued for interest and penalties at December 31, 2019 and 2018.

The Corporation and its subsidiary are subject to U.S. federal income tax. The Corporation is no longer subject to examination by federal taxing authorities for tax years prior to 2016. The years 2016-2018 remain open to examination by U.S. taxing authorities.

NOTE 7 – DEPOSITS

The Corporation had certificate of deposit accounts with balances in excess of \$250,000 totaling approximately \$40.2 million and \$39.1 million at December 31, 2019 and 2018, respectively. Deposits in excess of \$250,000 are not insured by the FDIC. Related party deposits were \$1,224,000 and \$796,000 at December 31, 2019 and 2018.

Maturities of certificate of deposit accounts as of December 31 were as follows (in thousands):

2020 2021 2022 2023 2024 Thereafter	\$	37,776 20,625 8,585 4,035 10,357 2,406
	<u>\$</u>	83,784

The Corporation had public deposits of \$40.0 million, deposits through listing services of \$6.2 million, and reciprocal deposits of \$4.8 million at December 31, 2019. The Corporation had public deposits of \$36.8 million, deposits through listing services of \$6.4 million, and reciprocal deposits of \$701,000 at December 31, 2018.

NOTE 8 – BORROWED FUNDS

Advances from the Federal Home Loan Bank at December 31, 2019 and 2018 were as follows (in thousands):

		<u>2019</u>		<u>2018</u>
Fixed rate advances with rates ranging from 2.07% to 2.59%, maturities ranging from August 2020 to September 2022 for December 2019 and 2018 Select pay mortgage-matched advances with rates ranging from 0.99% to 2.97%, maturities ranging from April 2023 to February 2029 for December 2019 and rates	\$	5,000	\$	5,000
ranging from 0.99% to 3.10%, maturities ranging from January 2019 to February 2029 for December 2018		<u>2,313</u>		3,061
Balance at end of year	<u>\$</u>	7,313	<u>\$</u>	8,061

Fixed rate advances are payable at the maturity date and subject to prepayment penalties. The select pay mortgage-matched advances require monthly principal and interest payments and annual additional principal payments. The constant monthly payment amortizing advance requires constant monthly principal and interest payments to fully amortize the advance at maturity.

Maturities of FHLB advances at December 31, 2019 for the next five years and thereafter were as follows (in thousands):

2020 2021	2,590 472
2022	3,396
2023	275
2024	172
Thereafter	408
	<u>\$ 7,313</u>

Advances under the borrowing agreements were collateralized by the Corporation's FHLB stock owned and a blanket pledge of qualifying mortgage loans at year-end 2019. Based upon this collateral and the Corporation's holdings of FHLB stock, the Corporation can borrow an additional \$13.3 million at December 31, 2019.

The Corporation has a line of credit with the FHLB of \$43,000,000 that can be used to guarantee public deposits over the FDIC insurance limit of \$250,000. At December 31, 2019 and 2018, the Corporation had letters of credit outstanding for \$41,500,000 and \$39,825,000 to guarantee such deposits. There are no rates associated with these letters of credit.

NOTE 9 – BENEFIT PLANS

The Corporation has a contributory 401(k) plan which covers substantially all employees. Eligible participants of the plan may make voluntary contributions up to 25% of annual compensation. Employer contributions to the plan are required in an amount equal to 100% of the employees' contributions, not to exceed 6% of the employees' eligible salary level. The expense for this plan totaled approximately \$102,000 and \$88,000 for the years ended December 31, 2019 and 2018, respectively.

NOTE 9 – BENEFIT PLANS (Continued)

The Corporation has an employee stock ownership plan ("ESOP") which provides retirement benefits for substantially all full-time employees who are credited with at least 1.000 hours of service on the last day of the 12-month period beginning on their employment commencement date or, to the extent necessary, the last day of any plan year thereafter beginning with the plan year that includes the first anniversary of the employee's commencement date. The plan year runs from January 1 through December 31. In conjunction with the reorganization of Greenville Federal into a mutual holding company structure in 2006, the ESOP acquired 90,098 shares of Corporation common stock at \$10.00 per share with funds provided by a loan from the Corporation. The final allocation of these shares occurred in 2015. During the fiscal year ended December 31, 2017, the ESOP borrowed \$774,000 from the Corporation and purchased 90,000 shares from the Corporation's treasury stock at \$8.60 per share. Shares are released to participants' accounts proportionately as the loan is repaid. Dividends on allocated shares are recorded as dividends and charged to retained earnings. Dividends on unallocated shares used to repay the ESOP note reduce debt and accrued interest. The Corporation recognizes compensation expense equal to the fair value of ESOP shares allocated to participants during the fiscal year. Allocation of shares to the ESOP participants are contingent upon the repayment of a loan to the Corporation totaling \$570,000 and \$640,000 at December 31, 2019 and 2018, which is eliminated in consolidation. The Corporation recorded expense for the ESOP of approximately \$96,000 and \$89,000 for the years ended December 31, 2019 and 2018. Contributions to the ESOP during the plan years ending December 31, 2019 and 2018 which includes dividends on unallocated shares totaled \$94,000, each year.

	<u>2019</u>	<u>2018</u>
Allocated shares Unallocated shares	84,037 <u>63,000</u>	77,995 72,000
Total ESOP shares	147,037	149,995
Fair value of unallocated shares (in thousands)	<u>\$ 693</u>	<u>\$ 720</u>

The Corporation is obligated at the option of each beneficiary to repurchase shares of the ESOP upon the beneficiary's termination or after retirement. During the year ended December 31, 2019, 2,822 shares were repurchased from former employees and 136 shares were repurchased from current employees in an ESOP diversification transaction. During the year ended December 31, 2018, no ESOP shares were repurchased. At December 31, 2019, the fair value of the 84,037 allocated shares held by the ESOP was approximately \$924,000. At December 31, 2018, the fair value of the 77,995 allocated shares held by the ESOP was approximately \$780,000. These amounts represent the repurchase obligation of the Corporation.

Beginning in July 2019, the Corporation started a deferred compensation plan that covers the President and CEO. Under the plan, the Corporation pays the participant, or beneficiary, the amount of fees deferred plus interest over 11 years, beginning with the individual's termination of service. A liability is accrued for the obligation under these plans. The 2019 expense incurred for the deferred compensation was \$16,206 resulting in a deferred compensation liability of \$16,206 compensation as of the year ending December 31, 2019.

NOTE 10 – STOCK-BASED COMPENSATON PLANS

The 2006 Equity Plan, which was approved by stockholders on October 31, 2006, permitted the grant of up to 112,622 options to purchase shares of the Corporation's common stock and up to 45,048 shares of stock awards to its directors and employees. Option awards were granted with an exercise price equal to the market price of the Corporation's stock at the date of grant with those option awards generally vesting based on five years of continuous service and ten-year contractual terms. Restricted stock awards were granted based upon the fair value of the Corporation's stock on the date of grant with those awards generally vesting over five years. The 2006 Equity Plan expired on October 31, 2016 and no further awards can be made under this plan.

Stockholders of the Corporation approved a new Equity Incentive Plan on May 30, 2017 ("2017 Equity Incentive Plan") which reserved a total of 135,000 shares of common stock. A maximum of 85,000 options to purchase shares of the Corporation's common stock and a maximum of 50,000 stock awards may be granted. Option awards are granted with an exercise price equal to the market price of the Corporation's stock at the date of grant with those option awards generally vesting based on five years of continuous service and ten-year contractual terms. Restricted stock awards are granted based upon the fair value of the Corporation's stock on the date of grant with those awards generally vesting over five years. The 2017 Equity Incentive Plan expires May 30, 2027.

Stock Option Plan

The fair value of each option award is estimated on the date of grant using a closed form option valuation (Black-Scholes) model based upon the following assumptions. Expected volatilities are based on historical volatilities of the Corporation's common stock. The Corporation uses historical data to estimate option exercise and post-vesting termination behavior. The expected term of options granted is based on historical data and represents the period of time that options granted are expected to be outstanding, which takes into account that the options are not transferable. The risk-free interest rate for the expected term of the option is based on the U.S. Treasury yield curve in effect at the time of the grant.

The fair value of options granted was determined using the following weighted average assumptions as of the grant date.

	<u>2019</u>	<u>2018</u>
Risk-free interest rate	2.29%	2.70%
Expected term	7 years	7 years
Expected stock price volatility	18.00%	16.00%
Dividend yield	2.73%	3.11%
Weighted average fair value of options granted	\$ 1.53	\$ 1.12

NOTE 10 - STOCK-BASED COMPENSATON PLANS (Continued)

A summary of the activity in the stock option plan for 2019 follows:

	<u>Shares</u>	A	Veighted Average Exercise <u>Price</u>	Weighted Average Remaining Contractual <u>Term</u>	ggregate Intrinsic <u>Value</u>
Outstanding at beginning of year Granted Exercised Forfeited or expired	42,461 8,800 	\$	8.78 10.25 - -	7.33 years	\$ 51,717
Outstanding at end of year	51,261	\$	9.03	6.83 years	\$ 100,778
Fully vested and expected to vest	51,261	\$	9.03	6.83 years	\$ 100,778
Exercisable at end of year	24,433	\$	8.71	5.97 years	\$ 55,986

As of December 31, 2019, 68,050 options to purchase shares of stock remain available for grant under the 2017 Equity Incentive Plan. Information related to the stock option exercises during each year follows (in thousands):

	<u>20</u>	<u>)19</u>	<u>2018</u>
Intrinsic value of options exercised Cash received from option exercises Tax benefit from option exercises	\$	- - -	\$ 120 108 -

Unrecognized compensation cost related to nonvested stock options granted under the Plan will be recognized as follows:

2020 2021 2022 2023	\$ 11,000 6,000 4,000 3,000
2023 2024	1,000
Total	<u>\$ 25,000</u>

Compensation expense for the awards totaled approximately \$12,000 and \$9,500 for the years ended December 31, 2020 and 2019.

The shares of the stock to be delivered under the Plan may consist, in whole or in part, of treasury stock or authorized but unissued shares not reserved for any other purpose; provided, however, that the use of shares purchased in the secondary market will be limited to such repurchases as are permitted by applicable regulations of the Office of the Comptroller of the Currency.

NOTE 10 – STOCK-BASED COMPENSATON PLANS (Continued)

Restricted Stock Award Plan

Compensation expense is recognized over the vesting period of the awards based upon the fair value of the stock at issue date. Restricted stock awards vest ratably over 5 years. Total shares issuable under the 2017 Equity Incentive Plan at December 31, 2019 total 41,650. Compensation expense for the awards totaled approximately \$34,600 and \$26,100 for the years ended December 31, 2019 and 2018.

A summary of changes in the Corporation's nonvested shares for the year follows:

	<u>Shares</u>	Weighted-Average Grant-Date <u>Fair Value</u>
Nonvested at beginning of year Granted Vested Forfeited	10,074 4,350 (3,272) 	\$ 8.80 10.25 8.70
Nonvested at end of year	11,152	<u>\$ 9.39</u>

Unrecognized compensation cost related to nonvested restricted stock awards granted under the Plan will be recognized as follows:

2020	\$ 28,000
2021	19,000
2022	16,000
2023	11,000
2024	2,000
Total	<u>\$ 76,000</u>

The total fair value of shares vested during the years ending December 31, 2019 and 2018 was \$33,500 and \$22,200.

NOTE 11 – REGULATORY CAPITAL MATTERS

Banks 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 judgements by regulators. Failure to meet capital requirements can initiate regulatory action. The final rules implementing Basel Committee on Banking Supervision's capital guidelines for U.S. banks (Basel III rules) became effective for the Corporation on January 1, 2015 with full compliance with all of the requirements being phased in over a multi-year schedule, and fully phased in by January 1, 2019. Under the Basel III rules, the Bank must hold a capital conservation buffer above the adequately capitalized risk-based capital ratios. The capital conservation buffer is being phased in from 0.00% for 2015 to 2.50% by 2019. The capital conservation buffer for 2019 was 2.50% and for 2018 was 1.875%. The capital conservation buffer is excluded from the adequately capitalized risk-

NOTE 11 – REGULATORY CAPITAL MATTERS (Continued)

based capital ratios. Management believes as of December 31, 2019, the Bank meets all capital adequacy requirements to which they are subject.

Prompt corrective action regulations provide five classifications: well capitalized, adequately capitalized, undercapitalized, significantly undercapitalized, and critically undercapitalized, although these terms are not used to represent overall financial condition. If adequately capitalized, regulatory approval is required to accept brokered deposits. If undercapitalized, capital distributions are limited, as is asset growth and expansion, and capital restoration plans are required. As of December 31, 2019 and 2018, the most recent regulatory notifications categorized the Bank as well capitalized under the regulatory framework for prompt corrective action. There are no conditions or events since notification that management believes have changed the institution's category.

Actual and required capital amounts (in thousands) and ratios are presented below at year-end.

		Acti	ual	For Ca Adequacy F		To Be Capitalize Prompt Co <u>Action Pro</u>	d Under prrective
		Amount	Ratio	Amount	Ratio	Amount	Ratio
<u>December 31, 2019</u> Tier 1 (core) capital to	۴	00.000	40.0%	¢ 7740	4.00/	¢ 0.070	F 00/
average weighted assets Common Tier 1-	\$	20,606	10.6%	\$ 7,743	4.0%	\$ 9,679	5.0%
(CETI) Tier 1 (core) capital to risk- weighted assets Total capital to risk-		20,606	15.0	6,201	4.5	8,957	6.5
		20,606	15.0	8,268	6.0	11,023	8.0
weighted assets		21,584	15.7	11,023	8.0	13,779	10.0
<u>December 31, 2018</u> Tier 1 (core) capital to							
average weighted assets Common Tier 1- (CETI) Tier 1 (core) capital to risk- weighted assets Total capital to risk-	\$	19,961	11.1%	\$ 7,214	4.0%	\$ 9,017	5.0%
		19,961	15.1	5,958	4.5	8,606	6.5
		19,961	15.1	7,944	6.0	10,592	8.0
weighted assets		20,886	15.8	10,592	8.0	13,239	10.0

Greenville Federal is subject to regulations imposed by the OCC regarding the amount of capital distributions payable to the Corporation. Generally, Greenville Federal's payment of dividends is limited, without prior OCC approval, to net earnings for the current calendar year plus the two preceding calendar years, less capital distributions paid over the comparable time period. Insured institutions are required to file an application with the OCC for capital distributions in excess of this limitation. During the years ended December 31, 2019 and 2018, no capital distributions were made to the Corporation.

Regulations governing mutual holding companies permit Greenville Federal MHC to waive the receipt by it of any common stock dividend declared by GFFC or Greenville Federal, provided the FRB does not object to such waiver. During the years ended December 31, 2019 and 2018, Greenville Federal received approval for such waiver from the FRB and waived \$265,000 in dividends each year.

NOTE 12 – OFF-BALANCE-SHEET ACTIVITIES

The Corporation is a party to financial instruments with off-balance-sheet risk in the normal course of business to meet the financing needs of its customers, including commitments to extend credit. Such commitments involve, to varying degrees, elements of credit and interest-rate risk in excess of the amount recognized in the statement of financial condition. The contract or notional amounts of the commitments reflect the extent of the Corporation's involvement in such financial instruments.

The Corporation's exposure to credit loss in the event of nonperformance by the other party to the financial instrument for commitments to extend credit is represented by the contractual notional amount of those instruments. The Corporation uses the same credit policies in making commitments and conditional obligations, including receipt of collateral, as those utilized for on-balance-sheet instruments.

The contractual amount of financial instruments with off-balance-sheet risk was as follows (in thousands):

		<u>2019</u>		<u>2018</u>
Fixed rate commitments Variable rate commitments	\$	8,368 12,173	\$	3,098 21,120
	<u>\$</u>	20,541	<u>\$</u>	24,218

The interest rate on fixed-rate commitments ranged from 3.00% to 6.25% at December 31, 2019 and 2.875% to 6.75% at December 31, 2018. Commitments to make loans are generally made for a period of 30 days or less.

NOTE 13 – DISCLOSURES ABOUT FAIR VALUE

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

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

Level 2: Significant other observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities, quoted prices in markets that are not active, and other inputs that are observable or can be corroborated by observable market data.

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

The following is a description of the Corporation's valuation methodologies used to measure and disclose the fair values of its financial assets and liabilities on a recurring or nonrecurring basis:

<u>Mortgage Servicing Rights</u>: Fair value is determined at the tranche level, based on market prices for comparable mortgage servicing contracts (Level 2), when available, or alternatively based on a valuation model that calculates the present value of estimated future net servicing income. The valuation model utilizes interest rate, prepayment speed, and default rate assumptions that market participants would use in estimating future net servicing income and that can be validated against available market data.

(Continued)

NOTE 13 – DISCLOSURES ABOUT FAIR VALUE (Continued)

<u>Impaired Loans</u>: The fair value of impaired loans with specific allocations of the allowance for loan losses is generally based on recent real estate valuations for property securing the loans, since such loans are usually collateral dependent. These valuations use a combination of approaches including comparable sales and the income approach. Adjustments are routinely made in the valuation process by the evaluators to adjust for differences between the comparable sales and income data available. Such adjustments are typically significant and result in a Level 3 classification of the inputs for determining fair value.

<u>Other Real Estate Owned</u>: Assets acquired through or instead of loan foreclosure are initially recorded at fair value less costs to sell when acquired, establishing a new cost basis. These assets are subsequently accounted for a lower of cost or fair value less estimated costs to sell. Fair values are generally based on third party appraisals of the property, resulting in a Level 3 classification. Real estate owned properties are evaluated on at least a quarterly basis for additional impairment and adjusted accordingly.

Assets measured at fair value on a recurring basis as of December 31, 2019 and 2018 are summarized below (in thousands).

	Fair Value Measurements Using					
December 31, 2019 Mortgage Servicing Rights	Significant Other Observable Inputs <u>(Level 2)</u>					
	\$ 601					
December 31, 2018 Mortgage Servicing Rights	\$ 647					

Assets measured at fair value on a non-recurring basis as of December 31, 2019 and 2018 are summarized below (in thousands).

	Fair Value Measurements Using:				
December 31, 2019	Significant Unobservabl Inputs <u>(Level 3)</u>	е			
Impaired Loans: Residential Real Estate: 1-4 family residential Commercial	\$ 118 178				
Foreclosed Assets: 1-4 family residential	24	ŀ			
December 31, 2018 Impaired Loans: Residential Real Estate: 1-4 family residential	\$ 74	Ļ			

NOTE 13 – DISCLOSURES ABOUT FAIR VALUE (Continued)

Impaired loans, which are usually measured for impairment using the fair value of the collateral, had a principal balance of approximately \$391,000, with a specific valuation allowance of \$95,000, resulting in \$79,000 of additional provision for loan losses for the fiscal year ended December 31, 2019.

Foreclosed assets are carried at the lower of cost or fair value. During 2019, a property with a cost basis of \$42,000 was written down to fair value of \$24,000 resulting in an impairment of \$18,000 charged to earnings.

Impaired loans, which are usually measured for impairment using the fair value of the collateral, had a principal balance of approximately \$91,000, with a specific valuation allowance of \$17,000, resulting in \$3,000 of additional provision for loan losses for the fiscal year ended December 31, 2018.

The following table presents quantitative information about level 3 fair value measurements for financial instruments measured at fair value on a non-recurring basis at December 31, 2019 and 2018:

<u>2019</u>	<u>Fair</u>	value	Valuation <u>Technique(s)</u>	Unobservable Input(s)	Range (Weighted <u>Average)</u>
Impaired Loans - 1-4 family residential	\$	118,000	Sales comparison approach	Adjustment for differences between the comparable sales	-9.83% to 15.70% (0.04%)
Commercial	\$	178,000		Management adjustments for liquidation expenses	70% discount
Foreclosed Assets - 1-4 family residential	\$	24,000	Sales comparison approach	Adjustment for differences between the comparable sales	-20.86% to 27.54% (-0.98%)
<u>2018</u>	<u>Fair</u>	value	Valuation <u>Technique(s)</u>	Unobservable Input(s)	Range (Weighted <u>Average)</u>
Impaired Loans - 1-4 family residential	\$	74,000	Sales comparison approach	Adjustment for differences between the comparable	-9.83% to 15.70% (0.06%)

NOTE 13 - DISCLOSURES ABOUT FAIR VALUE (Continued)

The carrying amounts and estimated fair values of financial instruments, at December 31, 2019 and December 31, 2018 are as follows (in thousands):

				Fai	r Value Meas	urer	ments at			
	Carrying	December 31, 2019 Using:								
	Value		Level 1		Level 2		Level 3		Total	
Financial assets										
Cash and cash equivalents	\$ 24,790	\$	24,790	\$	-	\$	-	\$	24,790	
Interest-bearing time										
deposits in other financial										
institutions	996		-		996		-		996	
Securities held to maturity	1,612		-		1,533		-		1,533	
Loans receivable, net	158,823		-		-		152,655		152,655	
Federal Home Loan Bank										
stock	703		N/A		N/A		N/A		N/A	
Accrued interest receivable	720		-		720		-		720	
Financial liabilities										
Deposits	\$ 167,245	\$	83,461	\$	85,204	\$	-	\$	168,665	
Advances from the Federal										
Home Loan Bank	7,313		-		7,181		-		7,181	
Advances by borrowers for										
taxes and insurance	1,003		1,003		-		-		1,003	
Accrued interest payable	103		-		103		-		103	

Carrying Value		l evel 1		cember 31, 2		Using:		Total
value								<u>10tul</u>
\$ 10,397	\$	10,397	\$	-	\$	-	\$	10,397
498		-		498		-		498
1,970		-		1,859		-		1,859
157,171		-		-		154,004		154,004
703		N/A		N/A		N/A		N/A
682		-		682		-		682
\$ 149,380	\$	74,367	\$	75,176	\$	-	\$	149,543
8,061		-		7,745		-		7,745
959		959		-		-		959
101		-		101		-		101
	Value \$ 10,397 \$ 10,397 \$ 1,970 157,171 703 682 \$ 149,380 8,061 959	<u>Value</u> \$ 10,397 \$ 498 1,970 157,171 703 682 \$ 149,380 \$ 8,061 959	Value Level 1 \$ 10,397 \$ 10,397 498 - 1,970 - 157,171 - 703 N/A 682 - \$ 149,380 \$ 74,367 8,061 - 959 959	Carrying Value De \$ 10,397 \$ Level 1 \$ 10,397 \$ 10,397 498 - 1,970 - 157,171 - 703 N/A 682 - \$ 149,380 \$ 74,367 8,061 - 959 959	Carrying Value December 31, 2 \$ 10,397 Level 1 Level 2 \$ 10,397 \$ 10,397 \$ - 498 - 498 1,970 - 1,859 157,171 - - 703 N/A N/A 682 - 682 \$ 149,380 \$ 74,367 \$ 75,176 8,061 - 7,745 959 959 -	Carrying Value December 31, 2018 \$ 10,397 Level 1 Level 2 \$ 10,397 \$ 10,397 \$ - \$ 498 - 498 1,970 - 1,859 157,171 - - 703 N/A N/A 682 - 682 \$ 149,380 \$ 74,367 \$ 75,176 959 959 -	Value Level 1 Level 2 Level 3 \$ 10,397 \$ 10,397 \$ - \$ - 498 - 498 - 1,970 - 1,859 - 157,171 - - 154,004 703 N/A N/A N/A 682 - 682 - \$ 149,380 \$ 74,367 \$ 75,176 \$ - 8,061 - 7,745 - 959 959 - -	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

While these estimates are based on management's judgment of the appropriate valuation factors, no assurance exists that, were the Corporation to have liquidated such items, the estimated fair values would necessarily have been realized. The estimated fair values should not be considered to apply to subsequent dates.

NOTE 14 – REVENUE FROM CONTRACTS WITH CUSTOMERS

All of the Corporation's revenue from contracts with customers in the scope of ASC 606 is recognized within Noninterest Income. The following table presents the Corporation's sources of Noninterest Income for the twelve months ended December 31, 2019 and 2018 (in thousands). Items outside the scope of ASC 606 are noted as such.

	<u>20</u>	<u>2019</u>		<u>2018</u>
Noninterest Income Customer Service Charges				
Service charges on deposits Interchange income	\$	331 294	\$	293 255
Other ^(a)		131		111
Gain on sale of mortgage loans ^(b) Other		279		126
Net gains on sales of OREO Earnings on Company Owned		-		1
Life Insurance ^(b)		147		144
Loan servicing income ^(b) Other ^(b)		60 60		93 50
Total Noninterest Income	<u>\$</u>	1,302	\$	1,073

- ^(a) The Other category includes ATM fee income from foreign cardholders totaling \$62,000 for the year ending December 31, 2019 and \$61,000 for the year ending December 31, 2018. Also included is Safe Deposit Box income totaling \$7,000 for the year ending December 31, 2019 and \$6,000 for the year ending December 31, 2018. Both are within scope of ASC 606.
- ^(b) Not within the scope of ASC 606.

A description of the Corporation's revenue streams accounted for under ASC 606 follows:

<u>Service Charges on Deposit Accounts</u>: The Corporation earns fees from its deposit customers for transaction-based, account maintenance, and overdraft services. Transaction-based fees, which include services such as ATM use fees, stop payment charges, statement rendering, wire transfer, check issuance, and ACH fees, are recognized at the time the transaction is executed as that is the point in time the Corporation fulfills the customer's request. Account maintenance fees, which relate primarily to monthly maintenance, are earned over the course of the month, representing the period over which the Corporation satisfies the performance obligation. Overdraft fees are recognized at the point in time that the overdraft occurs. Service charges on deposits are withdrawn from the customer's account balance.

<u>Interchange Income</u>: The Corporation earns interchange fees from debit cardholder transactions conducted through the Visa payment network. Interchange fees from cardholder transactions represent a percentage of the underlying transaction value and are recognized daily, concurrently with the transaction processing services provided to the cardholder.

<u>Gains/Losses on Sales of OREO</u>: The Corporation records a gain or loss on the sale of OREO when control of the property transfers to the buyer, which generally occurs at the time of an executed deed. When the Corporation finances the sale of OREO to the buyer, the Corporation assesses whether the buyer is committed to perform their obligations under the contract and whether collectability of the transaction price is probable. Once these criteria are met, the OREO asset is derecognized and the gain or loss on sale is recorded upon the transfer of control of the property to the buyer. In determining the gain or loss on the

NOTE 14 – REVENUE FROM CONTRACTS WITH CUSTOMERS (Continued)

sale, the Corporation adjusts the transaction price and related gain (loss) on sale if a significant financing component is present.

<u>Other Income</u>: The Corporation earns fees from foreign cardholders for the use of its ATMs. These transaction-based fees are recognized at the time the transaction is executed as that is the point in time the Corporation fulfills the request. The Corporation also earns income from the rental of Safe Deposit Boxes. The income is recognized over the time of the performance obligation.

ANNUAL MEETING

The Annual Meeting of Stockholders will be held at 3:00 p.m., on May 28, 2020 at the main office of Greenville Federal, 690 Wagner Ave., Greenville, Ohio. Further information with regard to the meeting can be found in the proxy statement.

STOCK LISTING

Greenville Federal Financial Corporation common stock is traded on the OTC Bulletin Board under the symbol "GVFF."

STOCKHOLDER AND GENERAL INQUIRIES

TRANSFER AGENT

Greenville Federal Financial Corporation 690 Wagner Avenue Greenville, Ohio 45331 (937) 548-4158 Attn: Jeff Kniese or Susan Barker American Stock Transfer & Trust Company, LLC 6201 15th Avenue Brooklyn, NY 11219

OFFICE LOCATIONS

Main Office: 690 Wagner Avenue Greenville, Ohio 45331 (937) 548-4158

Branch Offices: Greenville Kroger Banking Center 200 Lease Avenue Greenville, OH 45331 (937) 548-4158

> Tipp City Banking Center 500 W. Main St. Tipp City, OH 45371 (937) 667-4000

Internet Banking: www.greenvillefederal.com

BOARD OF DIRECTORS

Jeff D. Kniese President and Chief Executive Officer of Greenville Federal Financial Corporation and Greenville Federal

Patrick R. Custenborder Vice President of Phelan Insurance Agency

Joe W. Dickerson President of Koverman Staley Dickerson Insurance

Ryan C. Dynes Attorney for Dynes & Dynes, LLC

George S. Luce, Jr. Salesperson for Best Equipment Company, Inc.

Richard J. O'Brien Manager of Greenville Union Cemetery

Julie F. Strait Accountant for Fry and Company Entrepreneur

James W. Ward (Chairman of the Board) Certified Public Accountant for Fry and Company

EXECUTIVE OFFICERS OF THE CORPORATION

Jeff D. Kniese, President & CEO Susan J. Barker, Chief Financial Officer, Treasurer, Senior Vice President, & Secretary

Troy Kroger Banking Center 731 W. Market St. Troy, OH 45373 (937) 332-0010

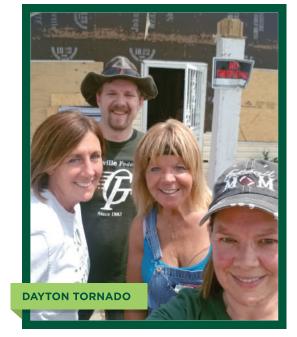
GREENVILLE FEDERAL FINANCIAL CORPORATION CORPORATE INFORMATION December 31, 2019 and 2018

SPECIAL COUNSEL

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INDEPENDENT AUDITORS

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Kindness IS FREE









GIVING BACK

For over 136 years, Greenville Federal has remained committed to giving back to the communities we so proudly serve. It's at the forefront of how we operate because we are not just your local banker, we are your friend, neighbor and family! We are here to support our communities today and tomorrow. You can count on us!



www.greenvillefederal.com