Farm Credit of Northwest Florida, ACA

SECOND QUARTER 2019

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CERTIFICATION

The undersigned certify that we have reviewed the June 30, 2019 quarterly report of Farm Credit of Northwest Florida, ACA, that the report has been prepared under the oversight of the Audit Committee of the Board of Directors and in accordance with all applicable statutory or regulatory requirements, and that the information contained herein is true, accurate, and complete to the best of our knowledge and belief.

Ricky K. Bitre-Ricky K. Bitner

Ricky K. Bitner Chief Executive Officer

John P. Mottice Chief Financial Officer

Tim

Richard Terry Chairman of the Board

August 8, 2019

Farm Credit of Northwest Florida, ACA **Report on Internal Control Over Financial** Reporting

The Association's principal executives and principal financial officers, or persons performing similar functions, are responsible for establishing and maintaining adequate internal control over financial reporting for the Association's Consolidated Financial Statements. For purposes of this report, "internal control over financial reporting" is defined as a process designed by, or under the supervision of, the Association's principal executives and principal financial officers, or persons performing similar functions, and effected by its Board of Directors, management and other personnel. This process provides reasonable assurance regarding the reliability of financial reporting information and the preparation of the Consolidated Financial Statements for external purposes in accordance with accounting principles generally accepted in the United States of America.

Internal control over financial reporting includes those policies and procedures that: (1) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Association, (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial information in accordance with accounting principles generally accepted in the United States of America and that receipts and expenditures are being made only in accordance with authorizations of management and directors of the Association, and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the Association's assets that could have a material effect on its Consolidated Financial Statements.

The Association's management has completed an assessment of the effectiveness of internal control over financial reporting as of June 30, 2019. In making the assessment, management used the framework in Internal Control - Integrated Framework (2013), promulgated by the Committee of Sponsoring Organizations of the Treadway Commission, commonly referred to as the "COSO" criteria.

Based on the assessment performed, the Association's management concluded that as of June 30, 2019, the internal control over financial reporting was effective based upon the COSO criteria. Additionally, based on this assessment, the Association's management determined that there were no material weaknesses in the internal control over financial reporting as of June 30, 2019.

Ricky K. Bitre~ Ricky K. Bitner

Chief Executive Officer

John P. Mottice Chief Financial Officer

August 8, 2019

Farm Credit of Northwest Florida, ACA Management's Discussion and Analysis of Financial Condition and Results of Operations

(dollars in thousands)

The following commentary reviews the financial condition and results of operations of Farm Credit of Northwest Florida, ACA (the Association) for the period ending June 30, 2019. These comments should be read in conjunction with the accompanying consolidated financial statements, notes to the consolidated financial statements and the 2018 Annual Report of the Association.

LOAN PORTFOLIO

The Association provides funds to farmers, rural homeowners and farm-related businesses for the financing of short- and intermediate-term loans and long-term real estate mortgage loans. The Association's loan portfolio is diversified over a range of agricultural commodities including forestry, row crops, livestock, peanuts, horticulture, dairies and rural homes. Farm size varies and many of the borrowers in the region have diversified farming operations. This factor, along with the numerous opportunities for non-farm income in the area, somewhat reduces the level of dependency on any single commodity.

The gross loan volume of the Association as of June 30, 2019, was \$276,950, a decrease of \$11,465 or 3.98 percent as compared to \$288,415 at December 31, 2018. Net loans outstanding (gross loans net of the allowance for loan losses) as of June 30, 2019, were \$272,421, a decrease of \$11,465 or 4.04 percent as compared to \$283,886 at December 31, 2018. Net loans accounted for 96.63 percent of total assets as of June 30, 2019, as compared to 95.86 percent of total assets at December 31, 2018. The decrease in loan volume was due primarily to decreases in originated loans and nonaccrual loans, and an increase in loan participations sold.

Portfolio credit quality decreased during the first six months of 2019. Loans classified under the Farm Credit Administration's Uniform Loan Classification System as "acceptable" or "other assets especially mentioned" were 95.92 percent of total loans and accrued interest as of June 30, 2019, as compared to 96.29 percent at December 31, 2018.

Nonaccrual loans were \$1,576 as of June 30, 2019, a decrease of \$1,036 or 39.66 percent as compared to \$2,612 at December 31, 2018. The decrease reflects the liquidation of two accounts, the addition of two new accounts, and collections on multiple loans.

The Association maintains an allowance for loan losses at a level considered adequate by management to provide for probable and estimable losses inherent in the loan portfolio as of the report date. The allowance for loan losses is increased through provisions for loan losses and loan recoveries and is decreased through loan charge-offs and allowance reversals. The Association's Risk Management Committee, which is comprised of senior management and a member of the Board of Directors, evaluates the adequacy of the allowance on a quarterly basis. The evaluation considers factors which include, but are not limited to, loan loss experience, portfolio quality, loan portfolio composition, commodity prices, agricultural production conditions, and general economic conditions.

The allowance for loan losses as of June 30, 2019, was \$4,529, unchanged from \$4,529 at December 31, 2018. Activity during the first six months of 2019 reflected recoveries of \$646, charge-offs of \$495 and reversals of the allowance of \$151. The allowance for loan losses as of June 30, 2019, was considered by management to be adequate to cover probable and estimable losses inherent in the loan portfolio. The allowance represented 1.64 percent of gross loan volume as of June 30, 2019.

Other property owned was \$14 as of June 30, 2019, a decrease of \$104 or 88.14 percent compared to \$118 at December 31, 2018. During the first six months of 2019, activity included the acquisition and sale of real estate and equipment. Other property owned as of June 30, 2019, consisted of equipment.

Accounts receivable were \$940 as of June 30, 2019, a decrease of \$2,567 or 73.20 percent as compared to \$3,507 at December 31, 2018. Accounts receivable consist of general receivables as well as patronage receivables from AgFirst Farm Credit Bank (AgFirst or the Bank) and other Farm Credit institutions. The decrease was due primarily to the fact that patronage receivables at December 31, 2018, included four quarters of accrued patronage as well as special patronage from AgFirst, as compared to two quarters of accrued patronage at June 30, 2019.

RESULTS OF OPERATIONS

For the three months ending June 30, 2019

Net income for the three months ending June 30, 2019, totaled \$1,347, as compared to net income of \$1,407 for the same period in 2018, a decrease of \$60 or 4.26 percent. Components of the decrease in net income are discussed further in the following paragraphs.

Interest income for the three months ending June 30, 2019, was \$3,864, an increase of \$192 or 5.23 percent as compared to \$3,672 for the same period in 2018. The increase was due to higher interest rates and higher average loans outstanding, partially offset by decreased interest income on nonaccrual loans.

Interest expense for the three months ending June 30, 2019, was \$1,678, an increase of \$213 or 14.54 percent as compared to \$1,465 for the same period in 2018. The increase was due to higher interest rates and higher average balances on the Association's notes payable to AgFirst.

Net interest income before provision (or reversal) for loan losses for the three months ending June 30, 2019, was \$2,186, a decrease of \$21 or 0.95 percent as compared to \$2,207 for the same period in 2018. The decrease was due to lower net interest spread on outstanding loans, partially offset by higher average loans outstanding and higher interest earnings on the Association's loanable funds credit with AgFirst.

There was a reversal of the allowance for loan losses in the amount of \$115 for the three months ending June 30, 2019, as compared to no provision or reversal for the three months ending June 30, 2018.

Noninterest income for the three months ending June 30, 2019, totaled \$579, an increase of \$9 or 1.58 percent as compared to \$570 for the same period in 2018. Increased patronage refunds and other noninterest income were partially offset by reduced loan fees, gains on sales of rural home loans, and gains on other transactions.

Noninterest expense for the three months ending June 30, 2019, totaled \$1,533, an increase of \$163 or 11.90 percent as compared to \$1,370 for the same period in 2018. The increase reflects higher salaries and employee benefits, occupancy and equipment expenses, losses on other property owned, and other operating expenses.

For the six months ending June 30, 2019

Net income for the six months ending June 30, 2019, totaled \$2,644 as compared to net income of \$2,775 for the same period in 2018, a decrease of \$131 or 4.72 percent. Components of the decrease in net income are discussed further in the following paragraphs.

Interest income for the six months ending June 30, 2019, was \$7,787, an increase of \$708 or 10.00 percent as compared to \$7,079 for the same period in 2018. The increase was due to higher interest rates and higher average loans outstanding, partially offset by decreased interest income on nonaccrual loans.

Interest expense for the six months ending June 30, 2019, was \$3,358, an increase of \$585 or 21.10 percent as compared to \$2,773 for the same period in 2018. The increase was due to higher interest rates and higher average balances on the Association's notes payable to AgFirst.

Net interest income before provision (or reversal) for loan losses for the six months ending June 30, 2019, was \$4,429, an increase of \$123 or 2.86 percent as compared to \$4,306 for the same period in 2018. The increase was due to higher average loans outstanding and higher interest earnings on the Association's loanable funds credit with AgFirst, partially offset by lower net interest spread on outstanding loans and lower interest income on nonaccrual loans.

There was a reversal of the allowance for loan losses of \$151 for the six months ending June 30, 2019, as compared to a reversal of \$65 for the six months ending June 30, 2018.

Noninterest income for the six months ending June 30, 2019, totaled \$1,141, a decrease of \$95 or 7.69 percent as compared to \$1,236 for the same period in 2018. Increased patronage refunds and other noninterest income were more than offset by reduced loan fees, gains on sales of rural home loans, losses on other transactions, and insurance fund refunds from the Farm Credit System Insurance Corporation (FCSIC).

Noninterest expense for the six months ending June 30, 2019, totaled \$3,077, an increase of \$245 or 8.65 percent as compared to \$2,832 for the same period in 2018. The increase reflects higher salaries and employee benefits, occupancy and equipment expenses, insurance fund premiums, losses on other property owned, and other operating expenses.

FUNDING SOURCES

The principal source of funds for the Association is the borrowing relationship established with AgFirst through the General Financing Agreement (GFA). The GFA utilizes the Association's credit and fiscal performance as criteria for establishing a line of credit on which the Association may draw funds. The funds are advanced by the Bank to the Association in the form of notes payable. The notes payable are segmented into variable rate and fixed rate sections. The variable rate note is utilized by the Association to fund variable rate loan advances and operating funds requirements. The fixed rate note is used specifically to fund fixed rate loan advances made by the Association.

Notes payable to AgFirst as of June 30, 2019, were \$192,671, a decrease of \$12,186 or 5.95 percent as compared to \$204,857 at

December 31, 2018. The decrease is primarily the result of decreased loan volume. The Association had no lines of credit with third parties as of June 30, 2019.

CAPITAL RESOURCES

Total members' equity as of June 30, 2019, was \$86,492, an increase of \$2,686 or 3.21 percent as compared to \$83,806 at December 31, 2018. Total capital stock and participation certificates were \$1,093 as of June 30, 2019, an increase of \$43 or 4.10 percent as compared to \$1,050 at December 31, 2018.

Farm Credit Administration (FCA) regulations require all Farm Credit institutions to maintain minimum capital ratios. Effective

January 1, 2017, the regulatory capital requirements for Farm Credit System banks and associations were modified. The new regulations ensure that the System's capital requirements are comparable to the Basel III framework and the standardized approach that the federal banking regulatory agencies have adopted. New regulations replaced core surplus and total surplus ratios with common equity tier 1 (CET1) capital, tier 1 capital and total capital risk-based capital ratios. The new regulations also include a tier 1 leverage ratio and an unallocated retained earnings equivalents (UREE) leverage ratio. The permanent capital ratio remains in effect.

As of June 30, 2019, the Association was in compliance with all minimum regulatory capital ratios.

The following table sets forth the minimum regulatory capital ratios, which were effective January 1, 2017, and the Association's capital ratios as of June 30, 2019:

Ratio	Minimum Requirement	Capital Conservation Buffer*	Minimum Requirement with Capital Conservation Buffer	Capital Ratios as of June 30, 2019
Risk-adjusted ratios:				
CET1 Capital Ratio	4.5%	1.875%	6.375%	28.56%
Tier 1 Capital Ratio	6.0%	1.875%	7.875%	28.56%
Total Capital Ratio	8.0%	1.875%	9.875%	29.81%
Permanent Capital Ratio	7.0%	0.0%	7.0%	28.92%
Non risk-adjusted:				
Tier 1 Leverage Ratio	4.0%	1.0%	5.0%	29.61%
UREE Leverage Ratio	1.5%	0.0%	1.5%	28.06%

* The capital conservation buffers have a 3 year phase-in period and will become fully effective January 1, 2020. Risk-adjusted ratio minimums will increase 0.625% each year until fully phased in. There is no phase-in period for the tier 1 leverage ratio.

If the capital ratios fall below minimum regulatory requirements, including the buffer amounts, capital distributions (equity redemptions, dividends, and patronage) and discretionary senior executive bonuses are restricted or prohibited without prior FCA approval.

REGULATORY MATTERS

On April 3, 2019, the Farm Credit Administration issued a proposed rule that would clarify the factors that System institutions should consider when categorizing high-risk loans and placing them in nonaccrual status. The rule would also revise the criteria by which loans are reinstated to accrual status, and would revise the application of the criteria to certain loans in nonaccrual status to distinguish between the types of risk that cause loans to be placed in nonaccrual status. The public comment period ended on June 3, 2019.

RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS

Please refer to Note 1, *Organization, Significant Accounting Policies, and Recently Issued Accounting Pronouncements*, in the Notes to the Consolidated Financial Statements, and the 2018 Annual Report to Shareholders for recently issued accounting pronouncements. Additional information is provided in the following table.

The following Accounting Standards Update (ASU) was issued by the Financial Accounting Standards Board (FASB) but has not yet been adopted:

S	ummary of Guidance		Adoption and Potential Financial Statement Impact
ASU 2016-	-13 – Financial Instruments – Credit Losses (Topic	326): Mea	isurement of Credit Losses on Financial Instruments
 framework for financial expected credit losses (6 financial assets. Changes the present ince expected loss model. The Update also modified debt securities to require direct write-down, which future periods based on Eliminates existing guidant requires recognition these financial assets. Requires a cumulative-to beginning of the reportion. Effective for fiscal year periods within those fisser. 	ing impairment standards by establishing a single assets to reflect management's estimate of current CECL) over the complete remaining life of the aurred loss impairment guidance for loans to an es the other-than-temporary impairment model for e an allowance for credit impairment instead of a sh allows for reversal of credit impairments in improvements in credit. dance for purchased credit impaired (PCI) loans, n of an allowance for expected credit losses on effect adjustment to retained earnings as of the ng period of adoption. s beginning after December 15, 2020, and interim cal years. Early application will be permitted for a periods within those fiscal years, beginning after	g ii c 1 2 3 3 • T n n	 increase to cover credit losses over the full remaining expected life of the portfolio, and will consider expected future changes in macroeconomic conditions, An allowance will be established for estimated credit losses on any debt securities,

NOTE: Shareholder investment in the Association is materially affected by the financial condition and results of operations of AgFirst Farm Credit Bank. Copies of AgFirst's annual and quarterly reports are available upon request free of charge by calling 1-800-845-1745, ext. 2764, or writing Matthew Miller, AgFirst Farm Credit Bank, P.O. Box 1499, Columbia, SC 29202. Information concerning AgFirst Farm Credit Bank can also be obtained at their website, *www.agfirst.com*. Copies of the Association's annual and quarterly reports are also available upon request free of charge by calling 850-526-4910 ext. 118, or writing John P. Mottice, Chief Financial Officer, Farm Credit of Northwest Florida, ACA, P.O. Box 7000, Marianna, FL 32447, or accessing the website, *www.farmcredit-fl.com*. The Association prepares a quarterly report within 40 days after the end of each fiscal quarter, except that no report need be prepared for the fiscal quarter that coincides with the end of the fiscal year of the institution.

Farm Credit of Northwest Florida, ACA Consolidated Balance Sheets

(dollars in thousands)	J	cember 31, 2018	
	(1	inaudited)	(audited)
Assets Cash	\$	54	\$ _
Loans Allowance for loan losses		276,950 (4,529)	288,415 (4,529)
Net loans		272,421	283,886
Loans held for sale Accrued interest receivable Equity investments in other Farm Credit institutions Premises and equipment, net Other property owned Accounts receivable Other assets		1,058 2,064 3,316 1,864 14 940 181	488 2,734 3,346 1,921 118 3,507 140
Total assets	\$	281,912	\$ 296,140
Liabilities Notes payable to AgFirst Farm Credit Bank Accrued interest payable Patronage refunds payable Accounts payable Other liabilities	\$	192,671 573 16 314 1,846	\$ 204,857 604 4,807 344 1,722
Total liabilities		195,420	212,334
Commitments and contingencies (Note 7)			
Members' Equity Capital stock and participation certificates Retained earnings Allocated Unallocated		1,093 40,320 45,079	1,050 40,321 42,435
Total members' equity		86,492	83,806
Total liabilities and members' equity	\$	281,912	\$ 296,140

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

Farm Credit of Northwest Florida, ACA Consolidated Statements of Comprehensive Income

(unaudited)

	For th En	ne Thr nded J		For the Si Ended J	
(dollars in thousands)	2019		2018	2019	2018
Interest Income					
Loans	\$ 3,8	64	\$ 3,672	\$ 7,787	\$ 7,079
Internet Francisco					
Interest Expense Notes payable to AgFirst Farm Credit Bank	1,6	72	1,461	3,348	2,765
Other	1,0	6	4	10	2,703
Total interest expense	1,6	578	1,465	3,358	2,773
Net interest income	2,1	86	2,207	4,429	4,306
Provision for (reversal of allowance for) loan losses		15)		(151)	(65)
Net interest income after provision for (reversal of allowance for) loan losses	2,3	01	2,207	4,580	4 271
Ioan Iosses	2,3	01	2,207	4,500	4,371
Noninterest Income					
Loan fees		12	16	26	30
Patronage refunds from other Farm Credit institutions		70	460	925	874
Gains (losses) on sales of rural home loans, net		74	81	107	165
Gains (losses) on other transactions		6	7	(5)	16
Insurance Fund refunds				56	137
Other noninterest income		17	6	32	14
Total noninterest income	5	579	570	1,141	1,236
Noninterest Expense					
Salaries and employee benefits	1,0	22	963	2,109	1,987
Occupancy and equipment	· · · ·	79	75	146	143
Insurance Fund premiums		43	43	87	85
(Gains) losses on other property owned, net		12	1	20	9
Other operating expenses	3	77	288	715	608
Total noninterest symposes	1.5		1 270	2 077	2 922
Total noninterest expense	1,5	33	1,370	3,077	2,832
Net income	1,3	47	1,407	2,644	2,775
Other comprehensive income					
Comprehensive income	\$ 1,3	47	\$ 1,407	\$ 2,644	\$ 2,775

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

Farm Credit of Northwest Florida, ACA Consolidated Statements of Changes in Members' Equity

(unaudited)

	Sto	apital ock and		Retained	м	Total		
(dollars in thousands)		icipation tificates	А	llocated	Un	allocated		embers' Equity
Balance at December 31, 2017 Comprehensive income Capital stock/participation	\$	951	\$	43,942	\$	38,582 2,775	\$	83,475 2,775
certificates issued/(retired), net		52						52
Balance at June 30, 2018	\$	1,003	\$	43,942	\$	41,357	\$	86,302
Balance at December 31, 2018 Comprehensive income Capital stock/participation	\$	1,050	\$	40,321	\$	42,435 2,644	\$	83,806 2,644
certificates issued/(retired), net Retained earnings retired		43		(1)				43 (1)
Balance at June 30, 2019	\$	1,093	\$	40,320	\$	45,079	\$	86,492

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

Farm Credit of Northwest Florida, ACA Notes to the Consolidated Financial Statements

(dollars in thousands, except as noted) (unaudited)

Note 1 — Organization, Significant Accounting Policies, and Recently Issued Accounting Pronouncements

Organization

The accompanying financial statements include the accounts of Farm Credit of Northwest Florida, ACA and its Production Credit Association (PCA) and Federal Land Credit Association (FLCA) subsidiaries (collectively, the Association). A description of the organization and operations, the significant accounting policies followed, and the financial condition and results of operations for the Association as of and for the year ended December 31, 2018, are contained in the 2018 Annual Report to Shareholders. These unaudited interim consolidated financial statements should be read in conjunction with the latest Annual Report to Shareholders.

Basis of Presentation

In the opinion of management, the accompanying consolidated financial statements contain all adjustments necessary for a fair statement of results for the periods presented. These adjustments are of a normal recurring nature, unless otherwise disclosed.

Certain amounts in the prior period's consolidated financial statements may have been reclassified to conform to the current period presentation. Such reclassifications had no effect on the prior period net income or total capital as previously reported.

The results of any interim period are not necessarily indicative of those to be expected for a full year.

Significant Accounting Policies

The Association's accounting and reporting policies conform with U.S. generally accepted accounting principles (GAAP) and practices in the financial services industry. To prepare the financial statements in conformity with GAAP, management must make estimates based on assumptions about future economic and market conditions (for example, unemployment, market liquidity, real estate prices, etc.) that affect the reported amounts of assets and liabilities at the date of the financial statements, income and expenses during the reporting period, and the related disclosures. Although these estimates contemplate current conditions and expectations of change in the future, it is reasonably possible that actual conditions may be different than anticipated, which could materially affect results of operations and financial condition.

Management has made significant estimates in several areas, including loans and allowance for loan losses (Note 2, *Loans and Allowance for Loan Losses*), investment securities and

other-than-temporary impairment (Note 3, *Investments*), and financial instruments (Note 5, *Fair Value Measurement*). Actual results could differ from those estimates.

For further details of significant accounting policies, see Note 2, *Summary of Significant Accounting Policies*, from the latest Annual Report.

Accounting Standards Updates (ASUs) Issued During the Period

The following ASUs were issued by the Financial Accounting Standards Board (FASB) since the most recent year end:

- In May 2019, the FASB issued ASU 2019-05 Financial Instruments—Credit Losses (Topic 326): Targeted Transition Relief. The amendments in this Update provide entities with an option to irrevocably elect the fair value option applied on an instrument-by-instrument basis for certain financial assets upon the adoption of Topic 326. The fair value option election does not apply to held-to-maturity debt securities. For entities that have not yet adopted the amendments in ASU 2016-13, the effective date and transition methodology for the amendments in this Update are the same as in that Update. Evaluation of any possible effects the guidance may have on the statements of financial condition and results of operations is in progress.
- In April 2019, the FASB issued ASU 2019-04 Codification • Improvements to Topic 326 Financial Instruments-Credit Losses, Topic 815 Derivatives and Hedging, and Topic 825 Financial Instruments. The amendments in this Update clarify, correct, and improve various aspects of the guidance in the following Updates related to financial instruments: ASU 2016-01 Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Liabilities, ASU 2016-13 Financial Instruments-Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments, and ASU 2017-12 Derivatives and Hedging (Topic 815): Targeted Improvements to Accounting for Hedging Activities. The items addressed generally are not expected to have a significant effect on current accounting practice or to create a significant administrative cost for most entities. For entities that have not yet adopted the amendments in ASU 2016-13, the effective dates and transition requirements for the amendments related to this Update are the same as the effective dates and transition requirements in ASU 2016-13. The transition adjustment includes adjustments made as a result of an entity developing or amending its accounting

policy upon adoption of the amendments in this Update for determining when accrued interest receivables are deemed uncollectible and written off. For entities that have adopted the amendments in ASU 2017-12 as of the issuance date of this Update, the effective date is as of the beginning of the first annual period beginning after the issuance date of this Update. For those entities, early adoption is permitted, including adoption on any date on or after the issuance of this Update. The amendments in this Update related to ASU 2016-01 are effective for fiscal years beginning after December 15, 2019, including interim periods within those fiscal years. Early adoption is permitted in any interim period following the issuance of this Update as long as the entity has adopted all of the amendments in ASU 2016-01. The amendments in this Update should be applied on a modified-retrospective transition basis by means of a cumulative-effect adjustment to the opening retained earnings balance in the statement of financial position as of the date an entity adopted all of the amendments in ASU 2016-01. Evaluation of any possible effects the guidance may have on the statements of financial condition and results of operations is in progress.

 In March 2019, the FASB issued ASU 2019-01 Leases (Topic 842): Codification Improvements. The Update addresses potential implementation issues that could arise as organizations implement Topic 842. The amendments in the Update include the following items brought to the Board's attention through interactions with stakeholders:

 Determining the fair value of the underlying asset by lessors that are not manufacturers or dealers; 2.
 Presentation on the statement of cash flows—sales-type and direct financing leases; 3. Transition disclosures related to Topic 250, Accounting Changes and Error Corrections. Evaluation of any possible effects the guidance may have on the statements of financial condition and results of operations is in progress.

ASUs Pending Effective Date

For a detailed description of the ASUs below, see the latest Annual Report.

Potential effects of ASUs issued in previous periods:

• In August 2018, the FASB issued ASU 2018-15 Intangibles—Goodwill and Other—Internal-Use Software (Subtopic 350-40): Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Contract. The amendments align the requirements for capitalizing implementation costs incurred in a hosting arrangement that is a service contract with the requirements for capitalizing implementation costs incurred to develop or obtain internal-use software (and hosting arrangements that include an internal use software license). The accounting for the service element of a hosting arrangement that is a service contract is not affected by the amendments in this Update. The guidance is effective for public business entities for fiscal years beginning after December 15, 2019, and interim periods within those fiscal years. Early adoption is permitted, including adoption in any interim period, for all entities. The amendments should be applied either retrospectively or prospectively to all implementation costs incurred after the date of adoption. Evaluation of any possible effects the guidance may have on the statements of financial condition and results of operations is in progress.

- In August 2018, the FASB issued ASU 2018-13 Disclosure Framework-Changes to the Disclosure Requirements for Fair Value Measurement. The amendments are part of the FASB's disclosure framework project. The project's objective and primary focus are to improve the effectiveness of disclosures in the notes to financial statements by facilitating clear communication of the information required by GAAP that is most important to users of each entity's financial statements. The amendments remove, modify or add certain disclosures contained in the financial statement footnotes related to fair value. Additionally, the guidance is intended to promote the appropriate exercise of discretion by entities when considering fair value measurement disclosures and to clarify that materiality is an appropriate consideration of entities and their auditors when evaluating disclosure requirements. The amendments are effective for all entities for fiscal years, and interim periods within those fiscal years, beginning after December 15, 2019. Certain amendments should be applied prospectively for only the most recent interim or annual period presented in the initial fiscal year of adoption. All other amendments should be applied retrospectively to all periods presented upon their effective date. Early adoption is permitted upon issuance. Entities are permitted to early adopt any removed or modified disclosures upon issuance of this Update and delay adoption of the additional disclosures until their effective date. The removed disclosures were adopted effective with the 2018 Annual Report. Evaluation of any possible effects the additional and modified disclosures guidance may have on the statements of financial condition and results of operations is in progress.
- In June 2016, the FASB issued ASU 2016-13 Financial Instruments—Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments. This Update, and subsequent clarifying guidance issued, is intended to improve financial reporting by requiring timelier recording of credit losses on financial instruments. It requires an organization to measure all expected credit losses for financial assets held at the reporting date. Financial institutions and other organizations will use forwardlooking information to estimate their credit losses. Additionally, the ASU amends the accounting for credit losses on available-for-sale debt securities and purchased financial assets with credit deterioration. For public companies that are not SEC filers, it will take effect for

fiscal years beginning after December 15, 2020, and interim periods within those fiscal years. Early application will be permitted for all organizations for fiscal years, and interim periods within those fiscal years, beginning after December 31, 2018. Evaluation of any possible effects the guidance may have on the statements of financial condition and results of operations is in progress.

Accounting Standards Effective During the Period

There were no changes in the accounting principles applied from the latest Annual Report, other than any discussed below.

No recently adopted accounting guidance issued by the FASB had a significant effect on the current period reporting. See the most recent Annual Report for a detailed description of each of the standards below:

- In February 2018, the FASB issued ASU 2018-02 Income Statement—Reporting Comprehensive Income (Topic 220): Reclassification of Certain Tax Effects from Accumulated Other Comprehensive Income. The guidance allows a reclassification from accumulated other comprehensive income to retained earnings for stranded tax effects resulting from the Tax Cuts and Jobs Act. The amendments eliminate the stranded tax effects resulting from the Tax Cuts and Jobs Act and are intended to improve the usefulness of information reported to financial statement users. However, because the amendments only relate to the reclassification of the income tax effects of the Tax Cuts and Jobs Act, the underlying guidance that requires that the effect of a change in tax laws or rates be included in income from continuing operations is not affected. The Update also requires certain disclosures about stranded tax effects. The guidance was effective for all entities for fiscal years beginning after December 15, 2018, and interim periods within those fiscal years. Adoption of this guidance had no impact on the statements of financial condition and results of operations.
- In March 2017, the FASB issued ASU 2017-08 Receivables—Nonrefundable Fees and Other Costs (Subtopic 310-20): Premium Amortization on Purchased Callable Debt Securities. The guidance relates to certain callable debt securities and shortens the amortization period for any premium to the earliest call date. The Update was effective for interim and annual periods beginning after December 15, 2018, for public business entities. Adoption of this guidance had no impact on the statements of financial condition and results of operations.
- In February 2016, the FASB issued ASU 2016-02 Leases (Topic 842). This Update, and subsequent clarifying guidance issued, requires organizations that lease assets to recognize on the balance sheet the assets and liabilities for the rights and obligations created by those leases. Leases will be classified as either finance leases or operating leases. This distinction will be relevant for the pattern of

expense recognition in the income statement. Lessor accounting activities are largely unchanged from existing lease accounting. The Update also eliminates leveraged lease accounting but allows existing leveraged leases to continue their current accounting until maturity, termination or modification. The amendments were effective for fiscal years beginning after December 15, 2018, including interim periods within those fiscal years, for public business entities.

Transition Information

- The guidance was adopted using the optional modified retrospective method and practical expedients for transition. Under this transition method, an entity initially applies the new leases standard at the adoption date and recognizes a cumulative-effect adjustment to the opening balance of retained earnings in the period of adoption.
- The package of practical expedients was elected, which allowed existing leases to be largely accounted for consistent with current guidance, except for the incremental balance sheet recognition for lessees.
- There will not be a material change to the timing of future expense recognition.
- Upon adoption, a cumulative-effect adjustment to equity of less than \$1 was recorded. In addition, a Right of Use Asset in the amount of \$6 and Lease Liability in the amount of \$6 were recognized.
- Given the limited changes to lessor accounting, there were no material changes to recognition or measurement.

Note 2 — Loans and Allowance for Loan Losses

The Association maintains an allowance for loan losses at a level considered adequate by management to provide for probable and estimable losses inherent in the loan portfolio as of the report date. The allowance for loan losses is increased through provisions for loan losses and loan recoveries and is decreased through loan charge-offs and allowance reversals. A review of individual loans in each respective portfolio is performed periodically to determine the appropriateness of risk ratings and to ensure loss exposure to the Association has been identified. See Note 3, *Loans and Allowance for Loan Losses*, from the latest Annual Report for further discussion.

Credit risk arises from the potential inability of an obligor to meet its repayment obligation. The Association manages credit risk associated with lending activities through an assessment of the credit risk profile of an individual obligor. The Association sets its own underwriting standards and lending policies that provide direction to loan officers and are approved by the Board of Directors. A summary of loans outstanding at period end follows:

	 June 30, 2019	December 31, 2018
Real estate mortgage	\$ 191,860	\$ 202,015
Production and intermediate-term	63,990	66,787
Loans to cooperatives	863	1,463
Processing and marketing	6,861	5,184
Farm-related business	3,859	3,814
Communication	1,374	1,411
Power and water/waste disposal	1,451	1,450
Rural residential real estate	5,746	5,345
International	946	946
Total loans	\$ 276,950	\$ 288,415

A substantial portion of the Association's lending activities is collateralized, and exposure to credit loss associated with lending activities is reduced accordingly.

The Association may purchase or sell participation interests with other parties in order to diversify risk, manage loan volume, and comply with Farm Credit Administration (FCA) regulations. The following tables present the principal balance of participation loans at periods ended:

	 June 30, 2019															
	 Within Agl	First I	District	1	Within Farm	Cred	lit System	Ou	tside Farm	Cre	dit System		Total			
	ticipations 1rchased	Par	ticipations Sold		rticipations Purchased	Pa	rticipations Sold	Participations Purchased		Participations Sold		Participations Purchased		Participations Sold		
Real estate mortgage	\$ 13,820	\$	52,777	\$	-	\$	513	\$	201	\$	-	\$	14,021	\$	53,290	
Production and intermediate-term	2,701		6,261		-		-		-		-		2,701		6,261	
Loans to cooperatives	867		-		_		-		-		-		867		_	
Processing and marketing	6,692		-		-		-		-		-		6,692		-	
Farm-related business	264		-		_		-		-		-		264		_	
Communication	1,377		_		_		_		_		_		1,377		_	
Power and water/waste disposal	1,454		-		-		-		-		-		1,454		-	
International	947		-		-		-		-		-		947		-	
Total	\$ 28,122	\$	59,038	\$	-	\$	513	\$	201	\$	-	\$	28,323	\$	59,551	

							Decembe	r 31, 2	018						
	Within Ag	First I	District	W	ithin Farm/	Credi	t System	Ou	ıtside Farm	Cre	dit System		Total		
	ticipations urchased	Par	ticipations Sold	Participations Purchased		Participations Sold		Participations Purchased		Participations Sold		Participations Purchased		Par	ticipations Sold
Real estate mortgage	\$ 11,931	\$	45,422	\$	_	\$	563	\$	207	\$	-	\$	12,138	\$	45,985
Production and intermediate-term	2,746		5,197		_		_		2,140		_		4,886		5,197
Loans to cooperatives	1,468		-		-		-		-		-		1,468		-
Processing and marketing	4,998		_		_		_		-		-		4,998		_
Communication	1,414		-		-		-		-		-		1,414		-
Power and water/waste disposal	1,454		-		-		-		-		-		1,454		-
International	947		-		_		_		-		_		947		_
Total	\$ 24,958	\$	50,619	\$	_	\$	563	\$	2,347	\$	-	\$	27,305	\$	51,182

A significant source of liquidity for the Association is the repayment of loans. The following table presents the contractual maturity distribution of loans by loan type at the latest period end:

		June 30), 201	9	
	 Due Less Than 1 Year	Due 1 Through 5 Years		Due After 5 Years	Total
Real estate mortgage	\$ 6,872	\$ 37,751	\$	147,237	\$ 191,860
Production and intermediate-term	12,101	33,937		17,952	63,990
Loans to cooperatives	53	810		-	863
Processing and marketing	137	1,729		4,995	6,861
Farm-related business	74	2,404		1,381	3,859
Communication	-	1,374		-	1,374
Power and water/waste disposal	-	-		1,451	1,451
Rural residential real estate	1	369		5,376	5,746
International	-	758		188	946
Total loans	\$ 19,238	\$ 79,132	\$	178,580	\$ 276,950
Percentage	6.95%	28.57%		64.48%	100.00%

The recorded investment in a receivable is the face amount increased or decreased by applicable accrued interest, unamortized premium, discount, finance charges, or acquisition costs and may also reflect a previous direct write-down of the investment.

The following table shows the recorded investment of loans, classified under the FCA Uniform Loan Classification System, as a percentage of the recorded investment of total loans by loan type as of:

	June 30, 2019	December 31, 2018		June 30, 2019	December 31, 2018
Real estate mortgage:			Communication:		
Acceptable	95.28%	96.68%	Acceptable	100.00%	100.00%
OAEM	1.73	1.44	OAEM	-	-
Substandard/doubtful/loss	2.99	1.88	Substandard/doubtful/loss	-	-
	100.00%	100.00%		100.00%	100.00%
Production and intermediate-term:			Power and water/waste disposal:		
Acceptable	92.55%	91.24%	Acceptable	100.00%	100.00%
OAEM	0.72	0.40	OAEM	_	_
Substandard/doubtful/loss	6.73	8.36	Substandard/doubtful/loss	_	-
	100.00%	100.00%		100.00%	100.00%
Loans to cooperatives:			Rural residential real estate:		
Acceptable	100.00%	100.00%	Acceptable	98.16%	97.88%
OAEM	-	_	OAEM	0.14	0.17
Substandard/doubtful/loss			Substandard/doubtful/loss	1.70	1.95
	100.00%	100.00%		100.00%	100.00%
Processing and marketing:			International:		
Acceptable	100.00%	100.00%	Acceptable	100.00%	100.00%
OAEM	-	_	OAEM	_	_
Substandard/doubtful/loss	-		Substandard/doubtful/loss	-	-
	100.00%	100.00%		100.00%	100.00%
Farm-related business:			Total loans:		
Acceptable	69.45%	67.22%	Acceptable	94.54%	95.17%
OAEM	0.47	1.27	OAEM	1.38	1.12
Substandard/doubtful/loss	30.08	31.51	Substandard/doubtful/loss	4.08	3.71
	100.00%	100.00%		100.00%	100.00%

The following tables provide an aging analysis of the recorded investment of past due loans as of:

				Jun	e 30, 2019					
	hrough 89 Past Due			To	tal Past Due	Le	Past Due or ss Than 30 ys Past Due	Total Loans		
Real estate mortgage	\$ 1,015	\$	321	\$	1,336	\$	191,996	\$	193,332	
Production and intermediate-term	27		387		414		64,101		64,515	
Loans to cooperatives	-		-		-		864		864	
Processing and marketing	-		-		-		6,883		6,883	
Farm-related business	62		-		62		3,809		3,871	
Communication	-		-		-		1,375		1,375	
Power and water/waste disposal	-		-		-		1,452		1,452	
Rural residential real estate	22		-		22		5,752		5,774	
International	-		_		-		948		948	
Total	\$ 1,126	\$	708	\$	1,834	\$	277,180	\$	279,014	

	December 31, 2018											
		rough 89 Past Due	90	Days or More Past Due	То	tal Past Due	Le	Past Due or ss Than 30 ys Past Due	Total Loans			
Real estate mortgage	\$	837	\$	321	\$	1,158	\$	202,820	\$	203,978		
Production and intermediate-term		308		1,033		1,341		66,142		67,483		
Loans to cooperatives		_		-		-		1,469		1,469		
Processing and marketing		_		—		_		5,205		5,205		
Farm-related business		1,154		-		1,154		2,687		3,841		
Communication		-		-		-		1,411		1,411		
Power and water/waste disposal		-		-		-		1,452		1,452		
Rural residential real estate		9		-		9		5,353		5,362		
International		-		-		-		948		948		
Total	\$	2,308	\$	1,354	\$	3,662	\$	287,487	\$	291,149		

Nonperforming assets (including related accrued interest as applicable) and related credit quality statistics at period end were as follows:

	Jun	ne 30, 2019	December 31, 2018			
Nonaccrual loans:						
Real estate mortgage	\$	500	\$	708		
Production and intermediate-term		1,030		1,855		
Rural residential real estate		46		49		
Total	\$	1,576	\$	2,612		
Accruing restructured loans:						
Real estate mortgage	\$	1,780	\$	1,815		
Production and intermediate-term		170		172		
Total	\$	1,950	\$	1,987		
Accruing loans 90 days or more past due:						
Total	\$	-	\$	-		
Total nonperforming loans	\$	3,526	\$	4,599		
Other property owned		14		118		
Total nonperforming assets	\$	3,540	\$	4,717		
Nonaccrual loans as a percentage of total loans		0.57%		0.91%		
Nonperforming assets as a percentage of total loans						
and other property owned		1.28%		1.63%		
Nonperforming assets as a percentage of capital		4.09%		5.63%		

The following table presents information related to the recorded investment of impaired loans at period end. Impaired loans are loans for which it is probable that all principal and interest will not be collected according to the contractual terms of the loan.

	 June 30, 2019	Dec	ember 31, 2018
Impaired nonaccrual loans:			
Current as to principal and interest	\$ 689	\$	978
Past due	887		1,634
Total	\$ 1,576	\$	2,612
Impaired accrual loans:			
Restructured	\$ 1,950	\$	1,987
90 days or more past due	-		-
Total	\$ 1,950	\$	1,987
Total impaired loans	\$ 3,526	\$	4,599
Additional commitments to lend	\$ -	\$	-

The following tables present additional impaired loan information at period end. Unpaid principal balance represents the contractual principal balance of the loan.

	June 30, 2019					Thre	e Months	Ended Ju	ine 30, 2019	Six Months Ended June 30, 2019				
		Unpaid Recorded Principal Investment Balance			elated owance	Average Impaired Loans		Interest Income Recognized on Impaired Loans		Average Impaired Loans		Interest Income Recognized on Impaired Loans		
With a related allowance for cred	it loss	es:												
Production and intermediate-term	\$	1,135	\$	1,243	\$	97	\$	1,117	\$	13	\$	1,279	\$	33
Rural residential real estate		46		75		2		45		1		52		1
Total	\$	1,181	\$	1,318	\$	99	\$	1,162	\$	14	\$	1,331	\$	34
With no related allowance for cre	dit lo	sses:												
Real estate mortgage	\$	2,280	\$	2,275	\$	_	\$	2,244	\$	26	\$	2,570	\$	67
Production and intermediate-term		65		65		-		64		1		73		2
Total	\$	2,345	\$	2,340	\$	-	\$	2,308	\$	27	\$	2,643	\$	69
Total impaired loans:														
Real estate mortgage	\$	2,280	\$	2,275	\$	_	\$	2,244	\$	26	\$	2,570	\$	67
Production and intermediate-term		1,200		1,308		97		1,181		14		1,352		35
Rural residential real estate		46		75		2		45		1		52		1
Total	\$	3,526	\$	3,658	\$	99	\$	3,470	\$	41	\$	3,974	\$	103

]	Decem	ber 31, 20	18		Year Ended December 31, 2018					
Impaired loans:		ecorded vestment	Unpaid Principal Balance		Related Allowance		In	verage paired Joans	Interest Income Recognized on Impaired Loans			
With a related allowance for credi	t losses	:										
Production and intermediate-term	\$	1,084	\$	1,203	\$	47	\$	1,212	\$	56		
Rural residential real estate		49		76		5		55		3		
Total	\$	1,133	\$	1,279	\$	52	\$	1,267	\$	59		
With no related allowance for cree	lit losse	es:										
Real estate mortgage	\$	2,523	\$	2,524	\$	-	\$	2,820	\$	131		
Production and intermediate-term		943		983		-		1,054		49		
Total	\$	3,466	\$	3,507	\$	_	\$	3,874	\$	180		
Total impaired loans:												
Real estate mortgage	\$	2,523	\$	2,524	\$	-	\$	2,820	\$	131		
Production and intermediate-term		2,027		2,186		47		2,266		105		
Rural residential real estate		49		76		5		55		3		
Total	\$	4,599	\$	4,786	\$	52	\$	5,141	\$	239		

A summary of changes in the allowance for loan losses and recorded investment in loans for each reporting period follows:

		eal Estate Aortgage		oduction and itermediate- term	Agi	ibusiness*	Co	mmunication	W	ower and ater/Waste Disposal		Rural esidential eal Estate	Int	ernational		Total
Activity related to the allowanc	e for	credit losse	s:													
Balance at March 31, 2019	\$	3,229	\$	1,037	\$	174	\$	23	\$	24	\$	89	\$	15	\$	4,591
Charge-offs		-		(53)		-		-		-		-		-		(53)
Recoveries		21		67		-		-		-		18		-		106
Provision for loan losses		(109)		(10)	<u>_</u>	17	<u>_</u>			-	<u> </u>	(13)	<u>_</u>	-	.	(115)
Balance at June 30, 2019	\$	3,141	\$	1,041	\$	191	\$	23	\$	24	\$	94	\$	15	\$	4,529
Balance at December 31, 2018	\$	3,184	\$	1,035	\$	166	\$	22	\$	23	\$	84	\$	15	\$	4,529
Charge-offs	*	(199)	*	(296)	+	_	*		-		*	-	*	_	*	(495)
Recoveries		239		367		_		_		_		40		_		646
Provision for loan losses		(83)		(65)		25		1		1		(30)		_		(151)
Balance at June 30, 2019	\$	3,141	\$	1,041	\$	191	\$	23	\$	24	\$	94	\$	15	\$	4,529
	¢	2 200	¢	1.027	¢	222	¢	25	\$	25	¢	(0	¢	16	¢	1.602
Balance at March 31, 2018	\$	3,209	\$	1,037	\$	222	\$	25	\$	25	\$	68	\$	16	\$	4,602
Charge-offs		(14)		(49) 5		-		-		-		-		-		(63)
Recoveries		2		-		-		-		- (1)		23		-		30
Provision for loan losses Balance at June 30, 2018	\$	3,214	\$	(1) 992	\$	(4)	\$	(1)	\$	(1)	\$	(10) 81	\$	- 16	\$	4,569
Balance at Julie 30, 2018	Э	5,214	э	992	Ф	210	Э	24	э	24	\$	61	\$	10	Ф	4,309
Balance at December 31, 2017	\$	3,106	\$	1,140	\$	224	\$	25	\$	25	\$	66	\$	16	\$	4,602
Charge-offs		(14)		(49)		-		-		-		-		-		(63)
Recoveries		18		31		1		-		-		45		-		95
Provision for loan losses		104		(130)		(7)		(1)		(1)		(30)		-		(65)
Balance at June 30, 2018	\$	3,214	\$	992	\$	218	\$	24	\$	24	\$	81	\$	16	\$	4,569
Allowance on loans evaluated f	or im	nairment:														
Individually	\$		\$	97	\$	_	\$	_	\$	_	\$	2	\$	_	\$	99
Collectively	-	3,141	+	944	*	191	*	23	-	24	*	92	*	15	+	4,430
Balance at June 30, 2019	\$	3,141	\$	1,041	\$	191	\$	23	\$	24	\$	94	\$	15	\$	4,529
Individually	\$	-	\$	47	\$	_	\$	_	\$	_	\$	5	\$	_	\$	52
Collectively	φ	3,184	φ	988	φ	166	Ф	22	φ	23	φ	79	Ф	15	ф	4,477
Balance at December 31, 2018	\$	3,184	\$	1,035	\$	166	\$	22	\$	23	\$	84	\$	15	\$	4,529
				,												· · · · ·
Recorded investment in loans e					¢		¢		¢		¢	16	¢		¢	2.526
Individually	\$	2,280	\$	1,200	\$	-	\$	1 275	\$	-	\$	46	\$	-	\$	3,526
Collectively	¢	191,052	¢	63,315	¢	11,618	¢	1,375	¢	1,452	¢	5,728	¢	948	¢	275,488
Balance at June 30, 2019	\$	193,332	\$	64,515	\$	11,618	\$	1,375	\$	1,452	\$	5,774	\$	948	\$	279,014
Individually	\$	2,523	\$	2,027	\$	_	\$	_	\$	_	\$	49	\$	_	\$	4,599
Collectively		201,455		65,456		10,515		1,411		1,452		5,313		948		286,550
Balance at December 31, 2018	\$	203,978	\$	67,483	\$	10,515	\$	1,411	\$	1,452	\$	5,362	\$	948	\$	291,149
				-				-								

*Includes the loan types: Loans to cooperatives, Processing and marketing, and Farm-related business.

A restructuring of a debt constitutes a troubled debt restructuring (TDR) if the creditor for economic or legal reasons related to the debtor's financial difficulties grants a concession to the debtor that it would not otherwise consider. The following tables present additional information about pre-modification and post-modification outstanding recorded investment and the effects of the modifications that occurred during the periods presented. There were no new TDRs that occurred during the three or six months ended June 30, 2019.

	 Three Months Ended June 30, 2018												
Outstanding Recorded Investment	terest cessions		rincipal ncessions		ther cessions		Total	Charge-offs					
Pre-modification:													
Real estate mortgage	\$ 133	\$	-	\$	-	\$	133						
Production and intermediate-term	_		717		-		717						
Total	\$ 133	\$	717	\$	-	\$	850						
Post-modification:													
Real estate mortgage	\$ 133	\$	-	\$	_	\$	133	\$	_				
Production and intermediate-term	-		708		_		708		_				
Total	\$ 133	\$	708	\$	-	\$	841	\$	-				

	Six Months Ended June 30, 2018												
Outstanding Recorded Investment		erest essions		incipal cessions		ther cessions		Total	Charg	ge-offs			
Pre-modification: Real estate mortgage Production and intermediate-term Total	\$ \$	133 	\$ \$	717 717	\$ \$	-	\$ \$	133 717 850					
Post-modification: Real estate mortgage Production and intermediate-term Total	\$	133	\$		\$		\$ \$	133 708 841	\$				

Interest concessions may include interest forgiveness and interest deferment. Principal concessions may include principal forgiveness, principal deferment, and maturity extension. Other concessions may include additional compensation received which might be in the form of cash or other assets.

There were no TDRs that occurred during the previous twelve months and for which there was a subsequent payment default during the periods presented. Payment default is defined as a payment that was thirty days or more past due.

The following table provides information at period end on outstanding loans restructured in troubled debt restructurings. These loans are included as impaired loans in the impaired loan table:

		Tota	l TDRs			ual TDRs	l TDRs		
	Jun	e 30, 2019	Decer	nber 31, 2018	June	30, 2019	December 31, 2018		
Real estate mortgage	\$	1,780	\$	1,815	\$	-	\$	_	
Production and intermediate-term		790		915		620		743	
Total loans	\$	2,570	\$	2,730	\$	620	\$	743	
Additional commitments to lend	\$	-	\$	-					

The following table presents information as of period end:

	June 30, 2019	
Carrying amount of foreclosed residential real estate properties held as a result of obtaining physical possession	\$ _	
Recorded investment of consumer mortgage loans secured by residential real estate for which formal foreclosure proceedings are in process	\$ _	

Note 3 — Investments

Equity Investments in Other Farm Credit System Institutions Equity investments in other Farm Credit System institutions are generally nonmarketable investments consisting of stock and participation certificates, allocated surplus, and reciprocal investments in other institutions regulated by the FCA. These investments are carried at cost and evaluated for impairment based on the ultimate recoverability of the par value rather than by recognizing temporary declines in value.

Associations are required to maintain ownership in AgFirst (AgFirst or the Bank) in the form of Class B or Class C stock as determined by the Bank. The Bank may require additional

capital contributions to maintain its capital requirements. The Association owned 1.01 percent of the issued stock of the Bank as of June 30, 2019, net of any reciprocal investment. As of that date, the Bank's assets totaled \$33.8 billion and shareholders' equity totaled \$2.5 billion. The Bank's earnings were \$131 million for the first six months of 2019. In addition, the Association held investments of \$578 related to other Farm Credit institutions.

Note 4 — Debt

Notes Payable to AgFirst Farm Credit Bank

The Association's indebtedness to the Bank represents borrowings by the Association to fund its earning assets. This indebtedness is collateralized by a pledge of substantially all of the Association's assets. The contractual terms of the revolving line of credit are contained in the General Financing Agreement (GFA). The GFA also defines Association performance criteria for borrowing from the Bank, which includes borrowing base margin, earnings and capital covenants, among others.

Note 5 — Fair Value Measurement

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability in an orderly transaction between market participants in the principal or most advantageous market for the asset or liability.

Accounting guidance establishes a hierarchy for disclosure of fair value measurements to maximize the use of observable inputs, that is, inputs that reflect the assumptions market participants would use in pricing an asset or liability based on market data obtained from sources independent of the reporting entity. The hierarchy is based upon the transparency of inputs to the valuation of an asset or liability as of the measurement date. A financial instrument's categorization within the hierarchy tiers is based upon the lowest level of input that is significant to the fair value measurement. The classifications within the fair value hierarchy are as follows:

Level 1 inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets.

Level 2 inputs include quoted prices for similar assets and liabilities in active markets; quoted prices in markets that are not active; and inputs that are observable, or can be corroborated, for substantially the full term of the asset or liability.

Level 3 inputs are unobservable and supported by little or no market activity. Valuation is determined using pricing models, discounted cash flow methodologies, or similar techniques, and could include significant management judgment or estimation. Level 3 assets and liabilities also could include instruments whose price has been adjusted based on dealer quoted pricing that is different than the third-party valuation or internal model pricing.

For a complete discussion of the inputs and other assumptions considered in assigning various assets and liabilities to the fair value hierarchy levels, see the latest Annual Report to Shareholders.

There were no Level 3 assets or liabilities measured at fair value on a recurring basis for the periods presented. The Association had no transfers of assets or liabilities into or out of Level 1 or Level 2 during the periods presented. Fair values are estimated at each period end date for assets and liabilities measured at fair value on a recurring basis. Other Financial Instruments are not measured at fair value in the statement of financial position, but their fair values are estimated as of each period end date. The following tables summarize the carrying amounts of these assets and liabilities at period end, and their related fair values.

	June 30, 2019									
		Total Carrying Amount		Level 1		Level 2		Level 3		Total Fair Value
Recurring Measurements										
Assets:										
Assets held in trust	\$	3	\$	3	\$	-	\$	-	\$	3
Recurring Assets	\$	3	\$	3	\$	-	\$	-	\$	3
Liabilities:										
Recurring Liabilities	\$	-	\$	-	\$	-	\$	-	\$	-
Nonrecurring Measurements Assets:										
Impaired loans	\$	1,082	\$	-	\$	_	\$	1,082	\$	1,082
Other property owned		14		-		_		16		16
Nonrecurring Assets	\$	1,096	\$	-	\$	-	\$	1,098	\$	1,098
Other Financial Instruments										
Assets:										
Cash	\$	54	\$	54	\$	-	\$	_	\$	54
Loans		272,397		-		-		271,665		271,665
Other Financial Assets	\$	272,451	\$	54	\$	-	\$	271,665	\$	271,719
Liabilities:										
Notes payable to AgFirst Farm Credit Bank	\$	192,671	\$	_	\$	_	\$	193,097	\$	193,097
Other Financial Liabilities	\$	192,671	\$	_	\$	-	\$	193,097	\$	193,097

			Dece				
	Total Carrying Amount	Level 1		Level 2	Level 3		Total Fair Value
Recurring Measurements							
Assets:							
Assets held in trust	\$ 2	\$ 2	\$	-	\$ -	\$	2
Recurring Assets	\$ 2	\$ 2	\$	-	\$ -	\$	2
Liabilities:							
Recurring Liabilities	\$ -	\$ -	\$	-	\$ -	\$	-
Nonrecurring Measurements Assets:							
Impaired loans	\$ 1,081	\$ _	\$	_	\$ 1,081	\$	1,081
Other property owned	118	_	*	_	131	*	131
Nonrecurring Assets	\$ 1,199	\$ -	\$	-	\$ 1,212	\$	1,212
Other Financial Instruments							
Assets:							
Cash	\$ _	\$ -	\$	-	\$ _	\$	_
Loans	283,293	-		-	278,609		278,609
Other Financial Assets	\$ 283,293	\$ -	\$	-	\$ 278,609	\$	278,609
Liabilities:							
Notes payable to AgFirst Farm Credit Bank	\$ 204,857	\$ _	\$	_	\$ 202,990	\$	202,990
Other Financial Liabilities	\$ 204,857	\$ -	\$	-	\$ 202,990	\$	202,990

SENSITIVITY TO CHANGES IN SIGNIFICANT UNOBSERVABLE INPUTS

Discounted cash flow or similar modeling techniques are generally used to determine the recurring fair value measurements for Level 3 assets and liabilities. Use of these techniques requires determination of relevant inputs and assumptions, some of which represent significant unobservable inputs as indicated in the tables that follow. Accordingly, changes in these unobservable inputs may have a significant impact on fair value. Certain of these unobservable inputs will (in isolation) have a directionally consistent impact on the fair value of the instrument for a given change in that input. Alternatively, the fair value of the instrument may move in an opposite direction for a given change in another input. Where multiple inputs are used within the valuation technique of an asset or liability, a change in one input in a certain direction may be offset by an opposite change in another input having a potentially muted impact to the overall fair value of that particular instrument. Additionally, a change in one unobservable input may result in a change to another unobservable input (that is, changes in certain inputs are interrelated with one another), which may counteract or magnify the fair value impact.

Inputs to Valuation Techniques

Management determines the Association's valuation policies and procedures. The Bank performs the majority of the Association's valuations, and its valuation processes are calibrated annually by an independent consultant. The fair value measurements are analyzed on a quarterly basis. For other valuations, documentation is obtained for third party information, such as pricing, and periodically evaluated alongside internal information and pricing that is available. Quoted market prices are generally not available for the instruments presented below.

Accordingly, fair values are based on judgments regarding anticipated cash flows, future expected loss experience, current economic conditions, risk characteristics of various financial instruments, and other factors. These estimates involve uncertainties and matters of judgment, and therefore cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

	Fai	r Value	Valuation Technique(s)	Unobservable Input	Range
Impaired loans and other property owned	\$	1,098	Appraisal	Income and expense	*
				Comparable sales	*
				Replacement cost	*
				Comparability adjustments	*

* Ranges for this type of input are not useful because each collateral property is unique.

Information about Other Financial Instrument Fair V	'alue Measurements
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	Valuation Technique(s)	Input		
Cash	Carrying value	Par/principal and appropriate interest yield		
Loans	Discounted cash flow	Prepayment forecasts		
		Probability of default		
		Loss severity		
Notes payable to AgFirst Farm Credit Bank	Discounted cash flow	Prepayment forecasts		
		Probability of default		
		Loss severity		

Note 6 — Employee Benefit Plans

The following is a table of retirement and other postretirement benefit expenses for the Association:

	Three Months Ended June 30,			Six Months Ended June 30,				
		2019		2018		2019		2018
Pension	\$	54	\$	73	\$	112	\$	157
401(k)		55		52		133		121
Other postretirement benefits		26		27		53		54
Total	\$	135	\$	152	\$	298	\$	332

The following is a table of retirement and other postretirement benefit contributions for the Association:

		Actual YTD Through 6/30/19		Projected Contributions For Remainder of 2019		Projected Total Contributions 2019	
Pension Other postretirement benefits	\$	53	\$	224 52	\$	224 105	
Total	\$	53	\$	276	\$	329	

Contributions in the above table include allocated estimates of funding for multi-employer plans in which the Association participates. These amounts may change when a total funding amount and allocation is determined by the respective Plan's Sponsor Committee. Also, market conditions could impact discount rates and return on plan assets which could change contributions necessary before the next plan measurement date of December 31, 2019. Further details regarding employee benefit plans are contained in the 2018 Annual Report to Shareholders.

Note 7 — Commitments and Contingent Liabilities

From time to time, legal actions are pending against the Association in which claims for money damages are asserted. On at least a quarterly basis, the Association assesses its liabilities and contingencies in connection with outstanding legal proceedings utilizing the latest information available. While the outcome of legal proceedings is inherently uncertain, on the basis of information presently available, management, after consultation with legal counsel, is of the opinion that the ultimate liability, if any, from these actions would not be material in relation to the financial position of the Association. Because it is not probable that the Association will incur a loss or the loss is not estimable, no liability has been recorded for any claims that may be pending.

Note 8 — Subsequent Events

The Association evaluated subsequent events and determined there were none requiring disclosure through August 8, 2019, which was the date the financial statements were issued.