SOUTHERN AGCREDIT

Financial Solutions for Agriculture

Stockholders' Quarterly Financial Report

For the Quarter Ended June 30, 2019

REPORT OF MANAGEMENT

The undersigned certify that we have reviewed this report, that it has been prepared 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.

To meet its responsibility for reliable financial information, management depends on the Farm Credit Bank of Texas' and the association's accounting and internal control systems, which have been designed to provide reasonable, but not absolute, assurance that assets are safeguarded and transactions are properly authorized and recorded. The systems have been designed to recognize that the cost of controls must be related to the benefits derived. The board of directors has overall responsibility for the association's systems of internal control and financial reporting. The board consults regularly with management and reviews the results of the audits and examinations referred to previously. The undersigned certify that we have reviewed this quarterly report, that it has been prepared in accordance with all applicable statutory and regulatory requirements, and that the information contained herein is true, accurate and complete to the best of our knowledge or belief.

Joe H. Hayman
Chief Executive Officer
August 9, 2019

Kevin Rhodes

Kevin Rhodes
Chairman, Board of Directors
August 9, 2019

Phillip D. Morgan, CPA

Phillip D. Morgan, CPA, CGMA
Chief Financial and Operating Officer
August 9, 2019

The following commentary reviews the financial performance of the Southern AgCredit, ACA (Agricultural Credit Association), referred to as the association, for the quarter ended June 30, 2019. These comments should be read in conjunction with the accompanying financial statements and the December 31, 2018 Annual Report to Stockholders.

The association is a member of the Farm Credit System (System), a nationwide network of cooperatively owned financial institutions established by and subject to the provisions of the Farm Credit Act of 1971, as amended, and the regulations of the Farm Credit Administration (FCA) promulgated thereunder.

The consolidated financial statements comprise the operations of the ACA and its wholly-owned subsidiaries. The consolidated financial statements were prepared under the oversight of the association's audit committee.

Significant Events:

In December 2018, the association's board of directors declared a patronage in the amount of $19,670,106 to stockholders, including $9,870,816 to be paid in cash, and $9,799,290 in the form of non-qualified allocated equity on behalf of the individual stockholders and retained by the association. Nonqualified allocated equities are not taxable to the stockholder. The cash patronage was disbursed to the association stockholders in February 2019. The 2018 cash patronage represents a record return of earnings to the stockholders of the association.

The association continues to provide its members with quality financial services. The board of directors and management remain committed to maintaining the financial integrity of the association while offering competitive loan products that meet the financial needs of agricultural producers.

Loan Portfolio:

Total loans outstanding at June 30, 2019, including nonaccrual loans and sales contracts, were $1,078,189,990 compared to $1,039,235,244 at December 31, 2018, reflecting an increase of 3.8 percent. Nonaccrual loans as a percentage of total loans outstanding were 0.4 percent at June 30, 2019, compared to 0.3 percent at December 31, 2018.

The association recorded no recoveries or charge-offs for the quarter ended June 30, 2019, or for the same period in 2018. The association's allowance for loan losses was 0.1 percent of total loans outstanding as of June 30, 2019, and December 31, 2018, respectively.

Agribusiness Loan Program

The Association utilizes the Mississippi Development Authority's Agribusiness Enterprise Loan Program (ABE) to lower the cost of financing for its borrowers. The ABE loan program is designed to provide a percentage of low-cost state financing that is combined with private financial lending institutions' loan proceeds to encourage loans to the agribusiness industry in the state.

The Association guarantees payment of the borrower's ABE loan to the Mississippi Development Authority (MDA) and, therefore, the amount of ABE loans outstanding and due to MDA is included in "Loans" on the consolidated balance sheet with an offsetting liability at "Guaranteed obligations to government entities." ABE loans totaled $15,895,020 and $16,340,773 as of June 30, 2019 and December 31, 2018, respectively.

Risk Exposure:

High-risk assets include nonaccrual loans, loans that are past due 90 days or more and still accruing interest, formally restructured loans and other property owned. The following table illustrates the association's components and trends of high-risk assets.

	June 30, 2019		December 31, 2018	
	Amount	**%**	Amount	%
Nonaccrual	**$ 4,263,331**	**44.7%**	$ 2,598,873	31.9%
Formally restructured	**468,672**	**4.9%**	472,784	5.8%
Other property owned, net	**4,801,702**	**50.4%**	5,076,652	62.3%
Total	**$ 9,533,705**	**100.0%**	$ 8,148,309	100.0%

The balance of nonaccrual volume as of June 30, 2019 is primarily secured by real estate with a total specific allowance of $102,245 related to two loans. The increase in nonaccrual volume since the prior year end is primarily related to loans to two borrowers with loan balances of $1,505,275.

The balance of other property owned as of June 30, 2019 is primarily related to the foreclosure of a large complex of loans to a group of borrowers originated in 2006 and recognized as nonperforming in the first quarter of 2008. Upon completion of the foreclosure, the association recognized an increase in other property owned related to the value of the acquired collateral from these loans of $11,145,692, and $8,563,039, as received in years 2010 and 2011, respectively. Subsequent decreases in the value include property liquidations and market value adjustments

Investments:

During the first quarter of 2019, the association exchanged $35,192,440 of mortgage loans that previously were covered under a long-term standby commitment to purchase agreement with Federal Agricultural Mortgage Corporation (Farmer Mac) for a Farmer Mac guaranteed agricultural mortgage-backed security. No gain or loss was recognized in the financial statements upon completion of the exchange transaction. The association continues to service the loans included in this transaction. These investments in guaranteed securities, with a remaining balance of $5,657,536 are included in this report's Consolidated Balance Sheet as investments – held-to-maturity.

Results of Operations:

The association had net income of $4,989,216 and $10,256,802 for the three and six months ended June 30, 2019, as compared to net income of $5,040,189 and $10,444,026 for the same period in 2018, reflecting a decrease of 1.0 and 1.8 percent. Net interest income was $6,750,824 and $13,461,960 for the three and six months ended June 30, 2019, compared to $6,552,194 and $13,159,633 for the same period in 2018.

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	Six months ended:			
	June 30, 2019		June 30, 2018	
	Average Balance	**Interest**	Average Balance	Interest
Loans	**$ 1,051,006,059**	**$ 26,481,930**	$ 1,021,744,834	$ 24,026,792
Investments	**5,761,159**	**145,472**	6,372,200	146,626
Total interest-earning assets	**1,056,767,218**	**26,627,402**	1,028,117,034	24,173,418
Interest-bearing liabilities	**905,334,953**	**13,165,442**	882,667,554	11,013,785
Impact of capital	**$ 151,432,265**		$ 145,449,480	
Net interest income		**$ 13,461,960**		$ 13,159,633

	2019 Average Yield	2018 Average Yield
Yield on loans	**5.08%**	4.74%
Yield on investments	**5.09%**	4.64%
Total yield on interest-earning assets	**5.08%**	4.74%
Cost of interest-bearing liabilities	**2.93%**	2.52%
Interest rate spread	**2.15%**	2.22%
Net interest income as a percentage of average earning assets	**2.57%**	2.58%

	Six months ended: June 30, 2019 vs. June 30, 2018 Increase (decrease) due to		
	Volume	**Rate**	**Total**
Interest income - loans	**$ 688,096**	**$ 1,767,042**	**$ 2,455,138**
Interest income - investments	**(14,060)**	**12,906**	**(1,154)**
Total interest income	**674,036**	**1,779,948**	**2,453,984**
Interest expense	**282,835**	**1,868,822**	**2,151,657**
Net interest income	**$ 391,201**	**$ (88,874)**	**$ 302,327**

Interest income for the three and six months ended June 30, 2019, increased by $1,267,090 and $2,453,984, or 10.4 and 10.2 percent respectively, from the same period of 2018, primarily due to increase in earning assets and loan yield. Interest expense for the three and six months ended June 30, 2019, increased by $1,068,460 and $2,151,657, or 18.8 and 19.5 percent, from the same period of 2018 due to an increase in interest-bearing liabilities, with an increase in rates on interest-bearing liabilities. Average loan volume for the second quarter of 2019 was $1,051,006,059, compared to $1,021,744,834 in the second quarter of 2018. The average net interest rate spread on the loan portfolio for the second quarter of 2019 was 2.15 percent, compared to 2.22 percent in the second quarter of 2018.

The association's return on average assets for the six months ended June 30, 2019, was 1.88 percent compared to 1.97 percent for the same period in 2018. The association's return on average equity for the six months ended June 30, 2019, was 12.35 percent, compared to 13.34 percent for the same period in 2018.

Liquidity and Funding Sources:

The association secures the majority of its lendable funds from the Farm Credit Bank of Texas (the bank), which obtains its funds through the issuance of System-wide obligations and with lendable equity. The following schedule summarizes the association's borrowings.

	June 30, 2019	December 31, 2018
Note payable to the bank	**$ 930,811,738**	$ 888,231,951
Accrued interest on note payable	**2,270,649**	2,147,612
Total	**$ 933,082,387**	$ 890,379,563

The association operates under a general financing agreement (GFA) with the bank. The current GFA is effective through September 30, 2020. The primary source of liquidity and funding for the association is a direct loan from the bank. The outstanding balance of $930,811,738 as of June 30, 2019, is recorded as a liability on the association's balance sheet. The note carried a weighted average interest rate of 2.96 percent at June 30, 2019. The indebtedness is collateralized by a pledge of substantially all of the association's assets to the bank and is governed by the general financing agreement. The increase in note payable to the bank and related accrued interest payable since December 31, 2018, is due to the association's increase in the association's loan volume and increase in the direct loan rate. The association's own funds, which represent the amount of the association's loan portfolio funded by the association's equity, were $132,491,813 at June 30, 2019. The maximum amount the association may borrow from the bank as of June 30, 2019, was $1,070,017,190 as defined by the general financing agreement. The indebtedness continues in effect until the expiration date of the general financing agreement, which is September 30, 2020, unless sooner terminated by the bank upon the occurrence of an event of default, or by the association, in the event of a breach of this agreement by the bank, upon giving the bank 30 calendar days' prior written notice, or in all other circumstances, upon giving the bank 120 days' prior written notice.

Capital Resources:

The association's capital position increased by $10,316,187 at June 30, 2019, compared to December 31, 2018. The association's debt as a percentage of members' equity was 5.53:1 as of June 30, 2019, compared to 5.69:1 as of December 31, 2018.

Farm Credit Administration regulations require us to maintain minimums for various regulatory capital ratios. New regulations became effective January 1, 2017, which replaced the previously required core surplus and total surplus ratios with common equity tier 1, tier 1 capital, and total capital risk-based capital ratios. The new regulations also added tier 1 leverage and unallocated retained earnings and equivalents (UREE) ratios. The permanent capital ratio continues to remain in effect, with some modifications to align with the new regulations. As of June 30, 2019, the association exceeded all regulatory capital requirements.

Relationship With the Farm Credit Bank of Texas:

The association's financial condition may be impacted by factors that affect the bank. The financial condition and results of operations of the bank may materially affect the stockholder's investment in the association. The Management's Discussion and Analysis and Notes to Financial Statements contained in the 2018 Annual Report of Association New Model more fully describe the association's relationship with the bank.

The annual and quarterly stockholder reports of the bank are available free of charge, upon request. These reports can be obtained by writing to Farm Credit Bank of Texas, Corporate Communications, P.O. Box 202590, Austin, Texas 78720, or by calling (512) 483-9204. The annual and quarterly stockholder reports for the bank are also available on its website at *www.farmcreditbank.com.*

The association's quarterly stockholder reports are also available free of charge, upon request. These reports can be obtained by writing to Southern AgCredit, ACA, 402 West Parkway Place, Ridgeland, MS 39157 or calling 601-499-2820. The annual and quarterly stockholder reports for the association are also available on its website at *www.southernagcredit.com.* Copies of the association's quarterly stockholder reports can also be requested by e-mailing *dlsouthernagcreditadmin@farmcreditbank.com*.

SOUTHERN AGCREDIT, ACA

CONSOLIDATED BALANCE SHEET

	June 30, 2019 (unaudited)	December 31, 2018
ASSETS		
Cash	$ 5,727	$ 30,691
Investments	5,657,536	6,046,842
Loans	1,078,189,990	1,039,235,244
Less: allowance for loan losses	1,176,647	1,079,319
Net loans	1,077,013,343	1,038,155,925
Accrued interest receivable		
Loans	9,740,183	8,945,560
Investments	71,014	128,571
Investment in and receivable from the Farm Credit Bank of Texas:		
Capital stock	17,725,455	17,725,455
Other	2,233,960	1,740,666
Other property owned, net	4,801,702	5,076,652
Premises and equipment, net	8,979,040	7,904,333
Other assets	1,095,294	1,030,945
Total assets	$ 1,127,323,254	$ 1,086,785,640
LIABILITIES		
Note payable to the Farm Credit Bank of Texas	$ 930,811,738	$ 888,231,951
Guaranteed obligations to government entities	15,895,020	16,340,773
Advance conditional payments	37,452	1,995
Accrued interest payable	2,270,649	2,147,612
Drafts outstanding	206,005	132,941
Patronage payable	-	9,870,816
Other liabilities	5,567,231	7,840,580
Total liabilities	954,788,095	924,566,668
MEMBERS' EQUITY		
Capital stock and participation certificates	4,444,085	4,377,950
Additional paid-in capital	10,238,891	10,238,891
Unallocated retained earnings	157,966,950	147,710,148
Accumulated other comprehensive income (loss)	(114,767)	(108,017)
Total members' equity	172,535,159	162,218,972
Total liabilities and members' equity	$ 1,127,323,254	$ 1,086,785,640

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

SOUTHERN AGCREDIT, ACA

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(unaudited)

	Quarter Ended June 30,		Six months ended June 30,	
	2019	2018	**2019**	2018
INTEREST INCOME				
Loans	**$ 13,440,018**	$ 12,171,455	**$ 26,481,930**	$ 24,026,792
Investments	**72,413**	73,886	**145,472**	146,626
Total interest income	**13,512,431**	12,245,341	**26,627,402**	24,173,418
INTEREST EXPENSE				
Note payable to the Farm Credit Bank of Texas	**6,761,606**	5,693,033	**13,165,440**	11,013,338
Advance conditional payments	**1**	114	**2**	447
Total interest expense	**6,761,607**	5,693,147	**13,165,442**	11,013,785
Net interest income	**6,750,824**	6,552,194	**13,461,960**	13,159,633
PROVISION FOR LOAN LOSSES	**133,445**	16,401	100,486	145,439
Net interest income after provision for loan losses	**6,617,379**	6,535,793	**13,361,474**	13,014,194
NONINTEREST INCOME				
Income from the Farm Credit Bank of Texas:				
Patronage income	**1,029,103**	930,022	**2,051,036**	1,851,475
Loan fees	**103,907**	133,183	**186,565**	209,704
Refunds from Farm Credit System Insurance Corporation				
Financially related services income	**142**	176	**330**	351
Gain (loss) on other property owned, net	**(29,317)**	(223)	**(43,334)**	(14,060)
Gain (loss) on sale of premises and equipment, net	**88,323**	(943)	**88,323**	(943)
Other noninterest income	**9,074**	907	**255,539**	526,168
Total noninterest income	**1,201,232**	1,063,122	**2,538,459**	2,572,695
NONINTEREST EXPENSES				
Salaries and employee benefits	**1,396,518**	1,296,351	**2,771,696**	2,603,511
Occupancy and equipment	**238,837**	127,717	**464,471**	312,046
Insurance Fund premiums	**175,838**	168,827	**346,890**	336,132
Other components of net periodic postretirement benefit cost	**47,783**	48,095	**95,566**	96,190
Other noninterest expense	**970,419**	917,736	**1,964,508**	1,794,984
Total noninterest expenses	**2,829,395**	2,558,726	**5,643,131**	5,142,863
Income before income taxes	**4,989,216**	5,040,189	**10,256,802**	10,444,026
NET INCOME	**4,989,216**	5,040,189	**10,256,802**	10,444,026
Other comprehensive income:				
Change in postretirement benefit plans	**(3,375)**	(3,783)	**(6,750)**	(7,566)
Other comprehensive income, net of tax	**(3,375)**	(3,783)	**(6,750)**	(7,566)
COMPREHENSIVE INCOME	**$ 4,985,841**	$ 5,036,406	**$ 10,250,052**	$ 10,436,460

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

SOUTHERN AGCREDIT, ACA

CONSOLIDATED STATEMENT OF CHANGES IN MEMBERS' EQUITY
(unaudited)

	Capital Stock/ Participation Certificates	Additional Paid-in-Capital	Retained Earnings Unallocated	Accumulated Other Comprehensive Income (Loss)	Total Members' Equity
Balance at December 31, 2017	$ 4,255,070	$ 10,238,891	$ 137,716,130	$ (548,446)	$ 151,661,645
Comprehensive income	-	-	10,444,026	(7,566)	10,436,460
Capital stock/participation certificates and allocated retained earnings issued	316,600				316,600
Capital stock/participation certificates and allocated retained earnings retired	(275,496)				(275,496)
Balance at June 30, 2018	$ 4,296,174	$ 10,238,891	$ 148,160,156	$ (556,012)	$ 162,139,209
Balance at December 31, 2018	$ 4,377,950	$ 10,238,891	$ 147,710,148	$ (108,017)	$ 162,218,972
Comprehensive income	-	-	10,256,802	(6,750)	10,250,052
Capital stock/participation certificates and allocated retained earnings issued	363,925				363,925
Capital stock/participation certificates and allocated retained earnings retired	(297,790)				(297,790)
Balance at June 30, 2019	**$ 4,444,085**	**$ 10,238,891**	**$ 157,966,950**	**$ (114,767)**	**$ 172,535,159**

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

SOUTHERN AGCREDIT, ACA
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

NOTE 1 — ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES:

Southern AgCredit, ACA, including its wholly-owned subsidiaries, Southern AgCredit, PCA and Southern AgCredit, FLCA (collectively called “the association”), is a member-owned cooperative which provides credit and credit-related services to, or for the benefit of, eligible borrowers/stockholders for qualified agricultural purposes in the counties of Adams, Amite, Carroll, Claiborne, Clarke, Copiah, Covington, Forrest, Franklin, George, Greene, Grenada, Hancock, Harrison, Hinds, Holmes, Humphreys, Issaquena, Jackson, Jasper, Jefferson, Jefferson Davis, Jones, Kemper, Lamar, Lauderdale, Lawrence, Leake, Leflore, Lincoln, Madison, Marion, Montgomery, Neshoba, Newton, Pearl River, Perry, Pike, Rankin, Scott, Sharkey, Simpson, Smith, Stone, Walthall, Warren, Washington, Wayne, Wilkinson and Yazoo in the state of Mississippi, as well as the parishes of Bienville, Bossier, Caddo, Claiborne, DeSoto, Jackson, Lincoln, Ouachita (west of Ouachita River), Red River, Union and Webster in the state of Louisiana. In addition, the association is the single owner of Parkway Place Investments, LLC, which was organized for the purpose of holding and managing foreclosed property for which the assets, liabilities and results of operation have been consolidated in the association’s financial statements. The association is a lending institution of the Farm Credit System (the System), which was established by Acts of Congress to meet the needs of American agriculture.

The accompanying unaudited financial statements have been prepared in accordance with accounting principles generally accepted in the U.S. (GAAP) for interim financial information. Accordingly, they do not include all of the disclosures required by GAAP for annual financial statements and should be read in conjunction with the audited financial statements as of and for the year ended December 31, 2018, as contained in the 2018 Annual Report to Stockholders.

In the opinion of management, the accompanying consolidated financial statements contain all adjustments necessary for a fair presentation of the interim financial condition and results of operations and conform with generally accepted accounting principles (GAAP), except for the inclusion of a statement of cash flows. GAAP require a business enterprise that provides a set of financial statements reporting both financial position and results of operations to also provide a statement of cash flows for each period for which results of operations are provided. In regulations issued by FCA, associations have the option to exclude statements of cash flows in interim financial statements. Therefore, the association has elected not to include a statement of cash flows in these consolidated financial statements. These interim financial statements should be read in conjunction with the audited financial statements as of and for the year ended December 31, 2018, as contained in the 2018 Annual Report to Stockholders. The preparation of financial statements in accordance with GAAP requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates. The results of operations for interim periods are not necessarily indicative of the results to be expected for the full year ending December 31, 2019. Descriptions of the significant accounting policies are included in the 2018 Annual Report to Stockholders. In the opinion of management, these policies and the presentation of the interim financial condition and results of operations conform with GAAP and prevailing practices within the banking industry.

In August 2018, the Financial Accounting Standards Board (FASB) issued guidance entitled “Customer’s Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement That Is a Service Cost.” The guidance aligns 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 this guidance. This guidance becomes effective for interim and annual periods beginning after December 15, 2019. The guidance also requires an entity (customer) to expense the capitalized implementation costs of a hosting arrangement that is a service contract over the term of the hosting arrangement. It further specifies where to present expense and payments in the financial statements. Early adoption is permitted. The guidance is to be applied on a retrospective or prospective basis to all implementation costs incurred after the date of adoption. The Association is evaluating the impact of adoption on the Association’s financial condition and its results of operations.

In August 2018, the FASB issued guidance entitled “Disclosure Framework — Changes to the Disclosure Requirements for Defined Benefit Plans.” The guidance modifies the disclosure requirements for employers that sponsor defined benefit pension or other postretirement plans. This guidance becomes effective for fiscal years ending after December 15, 2020. Early adoption is permitted. The guidance is to be applied on a retrospective basis for all periods. The adoption of this guidance will not impact the Association’s financial condition or its results of operations, but will impact the employee benefit plan disclosures.

In August 2018, the FASB issued guidance entitled “Disclosure Framework — Changes to the Disclosure Requirements for Fair Value Measurement.” The guidance modifies the requirements on fair value measurements by removing, modifying or adding to the disclosures. This guidance becomes effective for interim and annual periods beginning after December 15, 2019. Early adoption is permitted and an entity is permitted to early adopt any removal or modified disclosures and delay adoption of the additional disclosures until their effective date. The adoption of this guidance will not impact the Association's financial condition or its results of operations, but will impact the fair value measurements disclosures.

In August 2017, the FASB issued guidance entitled "Targeted Improvements to Accounting for Hedging Activities." The guidance better aligns an entity's risk management activities and financial reporting for hedging relationships through changes to both the designation and measurement guidance for qualifying hedging relationships and the presentation of hedge results. The amendments in this guidance require an entity to present the earnings effect of the hedging instrument in the same income statement line item in which the earnings effect of the hedged item is reported. This guidance also addresses the timing of effectiveness testing, qualitative and quantitative effectiveness testing and components that can be excluded from effectiveness testing. This guidance became effective for interim and annual periods beginning after December 15, 2018. The adoption of this guidance did not materially impact the Association's financial condition or its results of operations.

In June 2016, the FASB issued guidance entitled "Measurement of Credit Losses on Financial Instruments." The guidance replaces the current incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. Credit losses relating to available-for-sale securities would also be recorded through an allowance for credit losses. For public business entities that are not U.S. Securities and Exchange Commission filers this guidance becomes effective for interim and annual periods beginning after December 15, 2020, with early application permitted. The Association is evaluating the impact of adoption on its financial condition and results of operations.

In February 2016, the FASB issued guidance entitled "Leases." The guidance requires the recognition by lessees of lease assets and lease liabilities on the balance sheet for the rights and obligations created by those leases. Leases with lease terms of more than 12 months are impacted by this guidance. The guidance and related amendments in this update became effective for interim and annual periods beginning after December 15, 2018, with early application permitted. The adoption of this guidance did not materially impact the Association's financial condition and results of operations but did impact lease disclosures. The Association adopted this guidance on January 1, 2019 and upon adoption, recorded a $137,986 right of use asset and an equal lease liability.

The consolidated financial statements comprise the operations of the ACA and its wholly-owned subsidiaries. The preparation of these consolidated financial statements requires the use of management's estimates. The results for the quarter ended June 30, 2019, are not necessarily indicative of the results to be expected for the year ended December 31, 2019. Certain amounts in the prior period's financial statements have been reclassified to conform to current financial statement presentation.

NOTE 2 — INVESTMENTS:

Effective in the first quarter of 2010, $35,192,440 of agricultural mortgage loans previously covered under a long-term standby commitment to purchase agreement with the Federal Agricultural Mortgage Corporation (Farmer Mac) were securitized. No gain or loss was recognized in the financial statements upon completion of the securitization. Terms of the agreement call for a guarantee fee of 20-50 basis points to be paid to Farmer Mac, and for the association to receive a 30-basis-point fee for servicing the underlying loans.

The following is a summary of Farmer Mac agricultural mortgage-backed securities:

	June 30, 2019				
	Amortized Cost	**Gross Unrealized Gains**	**Gross Unrealized Losses**	**Fair Value**	**Weighted Average Yield**
Agricultural mortgage-backed securities	**$5,657,536**	**$ -**	**$ 6,832**	**$5,650,704**	**5.19 %**

	December 31, 2018				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Agricultural mortgage-backed securities	$ 6,046,842	$ -	$ 84,019	$ 5,962,823	4.95 %

NOTE 3 — LOANS AND ALLOWANCE FOR LOAN LOSSES:

A summary of loans follows:

Loan Type	**June 30, 2019 Amount**	December 31, 2018 Amount
Production agriculture:		
Real estate mortgage	**$ 922,963,910**	$ 911,436,406
Production and intermediate term	**82,568,634**	71,454,037
Agribusiness:		
Loans to cooperatives	**2,585,871**	2,287,400
Processing and marketing	**43,180,495**	35,133,760
Farm-related business	**211,349**	276,141
Communication	**11,716,056**	3,849,662
Energy	**12,329,209**	12,119,153
Rural residential real estate	**2,634,466**	2,678,685
Total	**$ 1,078,189,990**	$ 1,039,235,244

The association purchases or sells participation interests with other parties in order to diversify risk, manage loan volume and comply with Farm Credit Administration regulations. The following table presents information regarding the balances of participations purchased and sold at June 30, 2019:

	Other Farm Credit Institutions		Non-Farm Credit Institutions		Total	
	Participations Purchased	Participations Sold	Participations Purchased	Participations Sold	Participations Purchased	Participations Sold
Real estate mortgage	$ 8,175,629	$ 32,548,740	$ 383,355	$ -	$ 8,558,984	$ 32,548,740
Production and intermediate term	3,184,680	39,870,241	56,268	-	3,240,948	39,870,241
Agribusiness	45,766,366	-	-	-	45,766,366	-
Communication	11,716,056	-	-	-	11,716,056	-
Energy	12,329,209	-	-	-	12,329,209	-
Total	$ 81,171,940	$ 72,418,981	$ 439,623	$ -	$ 81,611,563	$ 72,418,981

The association is authorized under the Farm Credit Act to accept "advance conditional payments" (ACPs) from borrowers. To the extent the borrower's access to such ACPs is restricted and the legal right of setoff exists, the ACPs are netted against the borrower's related loan balance. Unrestricted advance conditional payments are included in other liabilities. ACPs are not insured, and interest is generally paid by the association on such balances. Balances of ACPs were $37,452 and $1,995 at June 30, 2019, and December 31, 2018, respectively.

Nonperforming assets (including related accrued interest) and related credit quality statistics are as follows:

	June 30, 2019	December 31, 2018
Nonaccrual loans:		
Real estate mortgage	**$ 4,093,449**	$ 1,798,190
Production and intermediate term	**169,882**	800,683
Total nonaccrual loans	**4,263,331**	2,598,873
Accruing restructured loans:		
Real estate mortgage	**389,335**	392,792
Production and intermediate term	**79,337**	79,992
Total accruing restructured loans	**468,672**	472,784
Total nonperforming loans	**4,732,003**	3,071,657
Other property owned	**4,801,702**	5,076,652
Total nonperforming assets	**$ 9,533,705**	$ 8,148,309

One credit quality indicator utilized by the association is the Farm Credit Administration Uniform Loan Classification System that categorizes loans into five categories. The categories are defined as follows:

- Acceptable – assets are expected to be fully collectible and represent the highest quality;
- Other assets especially mentioned (OAEM) – assets are currently collectible but exhibit some potential weakness;
- Substandard – assets exhibit some serious weakness in repayment capacity, equity and/or collateral pledged on the loan;
- Doubtful – assets exhibit similar weaknesses to substandard assets; however, doubtful assets have additional weaknesses in existing factors, conditions and values that make collection in full highly questionable; and
- Loss – assets are considered uncollectible.

The following table shows loans and related accrued interest as a percentage of total loans and related accrued interest receivable by loan type as of:

	June 30, 2019	December 31, 2018
Real estate mortgage		
Acceptable	**98.11** %	98.44 %
OAEM	**1.14**	1.04
Substandard/doubtful	**0.75**	0.52
	100.00	100.00
Production and intermediate term		
Acceptable	**99.08**	98.77
OAEM	**0.09**	0.11
Substandard/doubtful	**0.83**	1.12
	100.00	100.00
Loans to cooperatives		
Acceptable	**100.00**	100.00
OAEM	**-**	-
Substandard/doubtful	**-**	-
	100.00	100.00
Processing and marketing		
Acceptable	**97.40**	100.00
OAEM	**2.60**	-
Substandard/doubtful	**-**	-
	100.00	100.00
Farm-related business		
Acceptable	**100.00**	100.00
OAEM	**-**	-
Substandard/doubtful	**-**	-
	100.00	100.00
Communication		
Acceptable	**100.00**	100.00
OAEM	**-**	-
Substandard/doubtful	**-**	-
	100.00	100.00
Energy		
Acceptable	**100.00**	100.00
OAEM	**-**	-
Substandard/doubtful	**-**	-
	100.00	100.00
Rural residential real estate		
Acceptable	**100.00**	100.00
OAEM	**-**	-
Substandard/doubtful	**-**	-
	100.00	100.00
Total loans		
Acceptable	**98.20**	98.54
OAEM	**1.09**	0.92
Substandard/doubtful	**0.71**	0.54
	100.00 %	100.00 %

The following tables provide an age analysis of past due loans (including accrued interest) as of:

June 30, 2019	**30-89 Days Past Due**	**90 Days or More Past Due**	**Total Past Due**	**Not Past Due or Less Than 30 Days Past Due**	**Total Loans**
Real estate mortgage	**$ 5,409,444**	**$ 2,630,479**	**$ 8,039,923**	**$ 923,341,579**	**$ 931,381,502**
Production and intermediate term	**171,064**	**-**	**171,064**	**83,461,606**	**83,632,670**
Loans to cooperatives	**-**	**-**	**-**	**2,586,847**	**2,586,847**
Processing and marketing	**-**	**-**	**-**	**43,255,005**	**43,255,005**
Farm-related business	**-**	**-**	**-**	**212,864**	**212,864**
Communication	**-**	**-**	**-**	**11,720,540**	**11,720,540**
Energy	**-**	**-**	**-**	**12,496,679**	**12,496,679**
Rural residential real estate	**55,117**	**-**	**55,117**	**2,588,949**	**2,644,066**
Total	**$ 5,635,625**	**$ 2,630,479**	**$ 8,266,104**	**$ 1,079,664,069**	**$ 1,087,930,173**

December 31, 2018	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Not Past Due or Less Than 30 Days Past Due	Total Loans
Real estate mortgage	$ 4,661,284	$ 1,095,404	$ 5,756,688	$ 913,574,769	$ 919,331,457
Production and intermediate term		243,797	243,797	72,052,156	72,295,953
Loans to cooperatives	-	-	-	2,286,708	2,286,708
Processing and marketing	-	-	-	35,162,728	35,162,728
Farm-related business	-	-	-	276,449	276,449
Communication	-	-	-	3,850,420	3,850,420
Energy	-	-	-	12,289,411	12,289,411
Rural residential real estate	-	-	-	2,687,678	2,687,678
Total	$ 4,661,284	$ 1,339,201	$ 6,000,485	$ 1,042,180,319	$ 1,048,180,804

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

A restructuring of a debt constitutes a troubled debt restructuring 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. Troubled debt restructurings are undertaken in order to improve the likelihood of recovery on the loan and may include, but are not limited to, forgiveness of principal or interest, interest rate reductions that are lower than the current market rate for new debt with similar risk, or significant term or payment extensions.

As of June 30, 2019, the total recorded investment of troubled debt restructured loans was $808,613, including $339,942 classified as nonaccrual and $468,671 classified as accrual, with no specific reserve. There were no commitments to lend funds to borrowers whose loan terms have been modified in a trouble debt restructuring as of June 30, 2019 and December 31, 2018.

There were no troubled debt restructurings occurring during the three months ended June 30, 2019 and 2018, respectively. The balance of loans formally restructured prior to January 1, 2019, were $826,385. In restructurings where principal is forgiven, the amount of the forgiveness is immediately charged off. In restructurings where accrued interest is forgiven, the interest is reversed (if current year interest) or charged off (if prior year interest).

The predominant form of concession granted for troubled debt restructuring includes extension of terms and interest rate decreases. Other types of modifications include principal or accrued interest reductions, and delayed payments, among others. At times, these terms might be offset with incremental payments, collateral or new borrower guarantees, in which case we assess all of the modified terms to determine if the overall modification qualifies as a troubled debt restructuring.

The following table presents information regarding loans that met the accounting criteria as a troubled debt restructuring and that occurred within the previous 12 months and for which there was a subsequent payment default during the period. A payment default is defined as a payment that is 30 days past due after the date the loan was restructured.

	Loans Modified as TDRs		TDRs in Nonaccrual Status*	
	June 30, 2019	December 31, 2018	June 30, 2019	December 31, 2018
Real estate mortgage	$ 729,277	$ 746,393	$ 339,942	$ 353,600
Production and intermediate term	79,336	79,992	-	-
Total	$ 808,613	$ 826,385	$ 339,942	$ 353,600

*represents the portion of loans modified as TDRs that are in nonaccrual status

Additional impaired loan information is as follows:

	June 30, 2019			December 31, 2018		
	Recorded Investment	**Unpaid Principal Balance[a]**	**Related Allowance**	Recorded Investment	Unpaid Principal Balance[a]	Related Allowance
Impaired loans with a related allowance for credit losses:						
Real estate mortgage	**$1,204,111**	**$ 1,204,111**	**$ 102,245**	$ 103,122	$ 103,122	$ 24,208
Production and intermediate term	-	-	-	-	-	-
Total	**$1,204,111**	**$ 1,204,111**	**$ 102,245**	$ 103,122	$ 103,122	$ 24,208
Impaired loans with no related allowance for credit losses:						
Real estate mortgage	**$3,278,674**	**$ 3,277,427**	**$ -**	$ 2,087,860	$ 2,086,614	$ -
Production and intermediate term	**249,218**	**249,212**	-	880,675	880,983	-
Total	**$3,527,892**	**$ 3,526,639**	**$ -**	$ 2,968,535	$ 2,967,597	$ -
Total impaired loans:						
Real estate mortgage	**$4,482,785**	**$ 4,481,538**	**$ 102,245**	$ 2,190,982	$ 2,189,736	$ 24,208
Production and intermediate term	**249,218**	**249,212**	-	880,675	880,983	-
Total	**$4,732,003**	**$ 4,730,750**	**$ 102,245**	$ 3,071,657	$ 3,070,719	$ 24,208

[a] Unpaid principal balance represents the recorded principal balance of the loan.

	For the Three Months Ended				For the Six Months Ended			
	June 30, 2019		June 30, 2018		**June 30, 2019**		June 30, 2018	
	Average Impaired Loans	**Interest Income Recognized**	Average Impaired Loans	Interest Income Recognized	**Average Impaired Loans**	**Interest Income Recognized**	Average Impaired Loans	Interest Income Recognized
Impaired loans with a related allowance for credit losses:								
Real estate mortgage	**$ 901,374**	**$ -**	$ 111,247	$ -	**$ 520,636**	**$ -**	$ 112,307	$ -
Production and intermediate term	**-**	**-**	-	-	**-**	**-**	-	-
Total	**$ 901,374**	**$ -**	$ 111,247	$ -	**$ 520,636**	**$ -**	$ 112,307	$ -
Impaired loans with no related allowance for credit losses:								
Real estate mortgage	**$3,296,682**	**$ 8,489**	$2,341,526	$ 6,715	**$2,841,109**	**$ 17,315**	$2,296,849	$ 79,985
Production and intermediate term	**248,924**	**25,394**	381,309	3,604	**216,727**	**41,763**	279,397	25,025
Total	**$3,545,606**	**$ 33,883**	$2,722,835	$ 10,319	**$3,057,836**	**$ 59,078**	$2,576,246	$ 105,010
Total impaired loans:								
Real estate mortgage	**$4,198,056**	**$ 8,489**	$2,452,773	$ 6,715	**$3,361,745**	**$ 17,315**	$2,409,156	$ 79,985
Production and intermediate term	**248,924**	**25,394**	381,309	3,604	**216,727**	**41,763**	279,397	25,025
Total	**$4,446,980**	**$ 33,883**	$2,834,082	$ 10,319	**$3,578,472**	**$ 59,078**	$2,688,553	$ 105,010

A summary of changes in the allowance for loan losses and period end recorded investment in loans is as follows:

	Real Estate Mortgage	Production and Intermediate Term	Agribusiness	Communications	Energy and Water/Waste Water	Rural Residential Real Estate	Total
Allowance for Credit Losses:							
Balance at March 31, 2019	$ 864,503	$ 89,882	$ 68,174	$ 9,151	$ 8,556	$ 2,564	$ 1,042,830
Charge-offs	-	-	-	-	-	-	-
Recoveries	-	-	-	-	-	-	-
Provision for loan losses	96,279	17,035	16,934	(3,457)	579	(22)	127,348
Other	(106)	(628)	3,993	3,445	(235)	-	6,469
Balance at June 30, 2019	$ 960,676	$ 106,289	$ 89,101	$ 9,139	$ 8,900	$ 2,542	$ 1,176,647
Balance at December 31, 2018	$ 917,475	$ 96,408	$ 45,418	$ 8,140	$ 9,469	$ 2,409	$ 1,079,319
Charge-offs	-	-	-	-	-	-	-
Recoveries	-	-	-	-	-	-	-
Provision for loan losses	43,319	15,418	37,915	4,336	(634)	133	100,487
Other	(118)	(5,537)	5,768	(3,337)	65	-	(3,159)
Balance at June 30, 2019	$ 960,676	$ 106,289	$ 89,101	$ 9,139	$ 8,900	$ 2,542	$ 1,176,647
Ending Balance:							
Individually evaluated for impairment	$ 102,245	$ -	$ -	$ -	$ -	$ -	$ 102,245
Collectively evaluated for impairment	858,431	106,289	89,101	9,139	8,900	2,542	1,074,402
Balance at June 30, 2019	$ 960,676	$ 106,289	$ 89,101	$ 9,139	$ 8,900	$ 2,542	$ 1,176,647
Balance at March 31, 2018	$ 828,430	$ 145,773	$ 35,364	$ 8,229	$ 7,668	$ 3,030	$ 1,028,494
Charge-offs	-	-	-	-	-	-	-
Recoveries	-	-	-	-	-	-	-
Provision for loan losses	52,595	(42,658)	858	1	4,938	667	16,401
Other	1	3,592	(769)	-	(4,240)	-	(1,416)
Balance at June 30, 2018	$ 881,026	$ 106,707	$ 35,453	$ 8,230	$ 8,366	$ 3,697	$ 1,043,479
Balance at December 31, 2017	$ 759,757	$ 76,000	$ 36,074	$ 8,969	$ 9,334	$ 2,607	$ 892,741
Charge-offs	-	-	-	-	-	-	-
Recoveries	-	-	-	-	-	-	-
Provision for loan losses	121,247	27,003	(2,723)	(690)	(488)	1,090	145,439
Other	22	3,704	2,102	(49)	(480)	-	5,299
Balance at June 30, 2018	$ 881,026	$ 106,707	$ 35,453	$ 8,230	$ 8,366	$ 3,697	$ 1,043,479
Ending Balance:							
Individually evaluated for impairment	$ 23,262	$ -	$ -	$ -	$ -	$ -	$ 23,262
Collectively evaluated for impairment	857,764	106,707	35,453	8,230	8,366	3,697	1,020,217
Balance at June 30, 2018	$ 881,026	$ 106,707	$ 35,453	$ 8,230	$ 8,366	$ 3,697	$ 1,043,479

	Real Estate Mortgage	Production and Intermediate Term	Agribusiness	Communications	Energy and Water/Waste Water	Rural Residential Real Estate	Total
Recorded Investments in Loans Outstanding:							
Ending Balance at June 30, 2019	$931,381,863	$ 83,632,670	$ 46,054,356	$ 11,720,540	$ 12,496,679	$2,644,065	$1,087,930,173
Individually evaluated for impairment	$ 4,482,784	$ 249,218	$ -	$ -	$ -	$ -	$ 4,732,002
Collectively evaluated for impairment	$926,899,079	$ 83,383,452	$ 46,054,356	$ 11,720,540	$ 12,496,679	$2,644,065	$1,083,198,171
Ending Balance at June 30, 2018	$912,279,766	$ 73,037,148	$ 32,294,487	$ 3,831,156	$ 12,257,856	$2,899,586	$1,036,599,999
Individually evaluated for impairment	$ 2,472,067	$ 676,414	$ -	$ -	$ -	$ -	$ 3,148,481
Collectively evaluated for impairment	$909,807,699	$ 72,360,734	$ 32,294,487	$ 3,831,156	$ 12,257,856	$2,899,586	$1,033,451,518

NOTE 4 — CAPITAL:

The association's board of directors has established a Capital Adequacy Plan (Plan) that includes the capital targets that are necessary to achieve the institution's capital adequacy goals as well as the minimum permanent capital standards. The Plan monitors projected dividends, equity retirements and other actions that may decrease the association's permanent capital. In addition to factors that must be considered in meeting the minimum standards, the board of directors also monitors the following factors: capability of management; quality of operating policies, procedures and internal controls; quality and quantity of earnings; asset quality and the adequacy of the allowance for losses to absorb potential loss within the loan and lease portfolios; sufficiency of liquid funds; needs of an institution's customer base; and any other risk-oriented activities, such as funding and interest rate risk, potential obligations under joint and several liability, contingent and off-balance-sheet liabilities or other conditions warranting additional capital. At least quarterly, management reviews the association's goals and objectives with the board.

Regulatory Capitalization Requirements

Risk-adjusted:	**Regulatory Minimums**	**Conservation Buffer**	**Total**	**As of June 30, 2019**
Common equity tier 1 ratio	4.50%	2.50%	7.00%	14.41%
Tier 1 capital ratio	6.00%	2.50%	8.50%	14.41%
Total capital ratio	8.00%	2.50%	10.50%	14.51%
Permanent capital ratio	7.00%	0.00%	7.00%	14.42%
Non-risk-adjusted:				
Tier 1 leverage ratio	4.00%	1.00%	5.00%	13.88%
UREE leverage ratio	1.50%	0.00%	1.50%	10.41%

(dollars in thousands)	Common equity tier 1 ratio	Tier 1 capital ratio	Total capital ratio	Permanent capital ratio
Numerator:				
Unallocated retained earnings	**82,250,893**	**82,250,893**	**82,250,893**	**82,250,893**
Paid-in capital	**10,238,891**	**10,238,891**	**10,238,891**	**10,238,891**
Common Cooperative Equities:				
Statutory minimum purchased borrower stock	**4,410,314**	**4,410,314**	**4,410,314**	**4,410,314**
Other required member purchased stock held <5 years				
Other required member purchased stock held ≥ 5 years but < 7 years				
Other required member purchased stock held ≥7 years				
Allocated equities:				
Allocated equities held <5 years				
Allocated equities held ≥5 years but < 7 years				
Allocated equities held ≥7	**48,938,092**	**48,938,092**	**48,938,092**	**48,938,092**
Nonqualified allocated equities not subject to retirement	**23,168,126**	**23,168,126**	**23,168,126**	**23,168,126**
Non-cumulative perpetual preferred stock		-	-	-
Other preferred stock subject to certain limitations			-	-
Subordinated debt subject to certain limitation				
Allowance for loan losses and reserve for credit losses subject to certain limitations			**1,118,814**	
Regulatory Adjustments and Deductions:				
Amount of allocated investments in other System institutions	**(17,725,455)**	**(17,725,455)**	**(17,725,455)**	**(17,725,455)**
Other regulatory required deductions	-	-	-	-
	151,280,861	151,280,861	152,399,675	151,280,861
Denominator:				
Risk-adjusted assets excluding allowance	**1,067,918,991**	**1,067,918,991**	**1,067,918,991**	**1,067,918,991**
Regulatory Adjustments and Deductions:				
Regulatory deductions included in total capital	**(17,725,455)**	**(17,725,455)**	**(17,725,455)**	**(17,725,455)**
Allowance for loan losses				**(1,047,291)**
	1,050,193,536	1,050,193,536	1,050,193,536	1,049,146,245

(dollars in thousands)	Tier 1 leverage ratio	UREE leverage ratio
Numerator:		
Unallocated retained earnings	**82,250,893**	**82,250,893**
Paid-in capital	**10,238,891**	**10,238,891**
Common Cooperative Equities:		
Statutory minimum purchased borrower stock	**4,410,314**	-
Other required member purchased stock held <5 years		
Other required member purchased stock held ≥ 5 years but < 7 years		
Other required member purchased stock held ≥7 years		
Allocated equities:		
Allocated equities held <5 years		
Allocated equities held ≥5 years but < 7 years		
Allocated equities held ≥7	**48,938,092**	**-**
Nonqualified allocated equities not subject to retirement	**23,168,126**	**23,168,126**
Non-cumulative perpetual preferred stock	**-**	
Other preferred stock subject to certain limitations		
Subordinated debt subject to certain limitation		
Allowance for loan losses and reserve for credit losses subject to certain limitations		
Regulatory Adjustments and Deductions:		
Amount of allocated investments in other System institutions	**(17,725,455)**	**(2,148,365)**
Other regulatory required deductions	-	-
	151,280,861	**113,509,545**
Denominator:		
Total Assets	**1,109,821,492**	**1,109,821,492**
Regulatory Adjustments and Deductions:		
Regulatory deductions included in tier 1 capital	**(19,910,244)**	**(19,910,244)**
	1,089,911,248	1,089,911,248

The association's accumulated other comprehensive income (loss) relates entirely to its nonpension other postretirement benefits. Amortization of prior service (credits) cost and of actuarial (gain) loss are reflected in "Salaries and employee benefits" in the Consolidated Statement of Comprehensive Income. The following table summarizes the changes in accumulated other comprehensive income (loss) for the six months ended June 30:

	2019	**2018**
Accumulated other comprehensive income (loss) at January 1	**$(108,017)**	$(548,446)
Amortization of actuarial (gain) loss included in salaries and employee benefits	**(6,750)**	(7,566)
Other comprehensive income (loss), net of tax	**(6,750)**	(7,566)
Accumulated other comprehensive income at June 30	**$ (114,767)**	$ (556,012)

NOTE 5 — INCOME TAXES:

Southern AgCredit, ACA conducts its business activities through two wholly-owned subsidiaries. Long-term mortgage lending activities are conducted through a wholly-owned FLCA subsidiary which is exempt from federal and state income tax. Short- and intermediate-term lending activities are conducted through a wholly-owned PCA subsidiary. The PCA subsidiary and the ACA holding company are subject to income tax. Southern AgCredit, ACA operates as a cooperative that qualifies for tax treatment under Subchapter T of the Internal Revenue Code. Accordingly, under specified conditions, Southern AgCredit, ACA can exclude from taxable income amounts distributed as qualified patronage dividends in the form of cash, stock or allocated retained earnings. Provisions for income taxes are made only on those taxable earnings that will not be distributed as qualified patronage dividends. Deferred taxes are recorded at the tax effect of all temporary differences based on the assumption that such temporary differences are retained by the institution and will therefore impact future tax payments. A valuation allowance is provided against deferred tax assets to the extent that it is more likely than not (more than 50 percent probability), based on management's estimate, that they will not be realized. For the three months ended June 30, 2019 and 2018, the net accrued tax liability/benefit was $0.

NOTE 6 — FAIR VALUE MEASUREMENTS:

FASB guidance defines fair value as the exchange price that would be received for an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability. See Note 14 to the 2018 Annual Report to Stockholders for a more complete description.

Assets and liabilities measured at fair value on a recurring basis are summarized below:

June 30, 2019	**Fair Value Measurement Using**			**Total Fair**
	Level 1	**Level 2**	**Level 3**	**Value**
Assets held in nonqualified benefit trusts	**$230,243**	**$ -**	**$ -**	**$ 230,243**

December 31, 2018	Fair Value Measurement Using			Total Fair
	Level 1	Level 2	Level 3	Value
Assets held in nonqualified benefit trusts	$ 214,200	$ -	$ -	$ 214,200

*Accounting guidance requires that the fair value measurement for investments be broken out by the different types of investments held.

Assets and liabilities measured at fair value on a nonrecurring basis for each of the fair value hierarchy values are summarized below:

June 30, 2019	**Fair Value Measurement Using**			**Total Fair**
	Level 1	**Level 2**	**Level 3**	**Value**
Assets:				
Loans*	**$ -**	**$ -**	**$1,101,866**	**$1,101,866**
Other property owned	**-**	**-**	**4,801,702**	**4,801,702**

December 31, 2018	Fair Value Measurement Using			Total Fair
	Level 1	Level 2	Level 3	Value
Assets:				
Loans*	$ -	$ -	$ 78,914	$ 78,914
Other property owned	-	-	5,076,652	5,076,652

*Represents the fair value of certain loans that were evaluated for impairment under authoritative guidance "Accounting by Creditors for Impairment of a Loan." The fair value was based upon the underlying collateral since these were collateral-dependent loans for which real estate is the collateral.

With regard to nonrecurring measurements for impaired loans and other property owned, it is not practicable to provide specific information on inputs, as each collateral property is unique. System institutions utilize appraisals to value these loans and other property owned and take into account unobservable inputs, such as income and expense, comparable sales, replacement cost and comparability adjustments.

Valuation Techniques

As more fully discussed in Note 14 to the 2018 Annual Report to Stockholders, authoritative guidance establishes a fair value hierarchy, which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The following represent a brief summary of the valuation techniques used for the association's assets and liabilities. For a more complete description, see Notes to the 2018 Annual Report to Stockholders.

Loans Evaluated for Impairment

For certain loans evaluated for impairment under FASB impairment guidance, the fair value is based upon the underlying collateral since the loans are collateral-dependent loans for which real estate is the collateral. The fair value measurement process uses independent appraisals and other market-based information, but in many cases it also requires significant input based on management's knowledge of and judgment about current market conditions, specific issues relating to the collateral and other matters. As a result, a majority of these loans have fair value measurements that fall within Level 3 of the fair value hierarchy. When the value of the real estate, less estimated costs to sell, is less than the principal balance of the loan, a specific reserve is established. The fair value of these loans would fall under Level 2 of the hierarchy if the process uses independent appraisals and other market-based information.

Other Property Owned

Other property owned is generally classified as Level 3 of the fair value hierarchy. The process for measuring the fair value of the other property owned involves the use of independent appraisals and other market-based information. Costs to sell represent transaction costs and are not included as a component of the asset's fair value. As a result, these fair value measurements fall within Level 3 of the hierarchy.

NOTE 7 — EMPLOYEE BENEFIT PLANS:

The following table summarizes the components of net periodic benefit costs of nonpension other postretirement employee benefits for the three and six months ended June 30:

Three months ended June 30 :

	Other Benefits	
	2019	2018
Service cost	**$ 8,317**	$ 10,670
Interest cost	**39,466**	37,423
Amortization of prior service (credits) costs	**(3,375)**	(3,782)
Net periodic benefit cost	**$ 44,408**	$ 44,311

Six months ended June 30 :

	Other Benefits	
	2019	2018
Service cost	**$ 16,634**	$ 21,340
Interest cost	**78,932**	74,850
Amortization of prior service (credits) costs	**(6,750)**	(7,566)
Net periodic benefit cost	**$ 88,816**	$ 88,624

The association's liability for the unfunded accumulated obligation for these benefits at June 30, 2019, was $3,422,956 and is included in "Other Liabilities" in the balance sheet.

The components of net periodic benefit cost other than the service cost component are included in the line item "other components of net periodic postretirement benefit cost" in the income statement.

The structure of the district's defined benefit pension plan is characterized as multiemployer since the assets, liabilities and cost of the plan are not segregated or separately accounted for by participating employers (bank and associations). The association recognizes its amortized annual contributions to the plan as an expense. The association previously disclosed in its financial statements for the year ended December 31, 2018, that it expected to contribute $71,308 to the district's defined benefit pension plan in 2019. As of June 30, 2019, $35,654 of contributions have been made. The association presently anticipates contributing an additional $35,654 to fund the defined benefit pension plan in 2019 for a total of $71,308.

NOTE 8 — COMMITMENTS AND CONTINGENT LIABILITIES:

The association is involved in various legal proceedings in the normal course of business. In the opinion of legal counsel and management, there are no legal proceedings at this time that are likely to materially affect the association.

The association may participate in financial instruments with off-balance-sheet risk to satisfy the financing needs of its borrowers in the form of commitments to extend credit and commercial letters of credit. These financial instruments involve, to varying degrees, elements of credit risk in excess of the amount recognized in the financial statements. Commitments to extend credit are agreements to lend to a borrower as long as there is not a violation of any condition established in the contract. Commercial letters of credit are agreements to pay a beneficiary under conditions specified in the letter of credit. Commitments and letters of credit generally have fixed expiration dates or other termination clauses and may require payment of a fee. At June 30, 2019, $71,750,509 of commitments and $354,270 of commercial letters of credit were outstanding.

Since many of these commitments are expected to expire without being drawn upon, the total commitments do not necessarily represent future cash requirements. However, these credit-related financial instruments have off-balance-sheet credit risk because their amounts are not reflected on the balance sheet until funded or drawn upon. The credit risk associated with issuing commitments and letters of credit is substantially the same as that involved in extending loans to borrowers, and management applies the same credit policies to these commitments. Upon fully funding a commitment, the credit risk amounts are equal to the contract amounts, assuming that borrowers fail completely to meet their obligations and the collateral or other security is of no value. The amount of collateral obtained, if deemed necessary upon extension of credit, is based on management's credit evaluation of the borrower.

NOTE 9 — SUBSEQUENT EVENTS:

The association has evaluated subsequent events through August 9, 2019, which is the date the financial statements were issued. There are no other significant events requiring disclosure as of August 9, 2019.