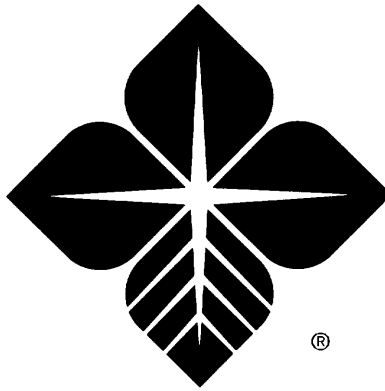


Legacy Ag Credit, ACA

2020 Quarterly Report Second Quarter



For the Quarter Ended June 30, 2020

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.

A handwritten signature in cursive script, appearing to read "Derrell W. Chapman".

Derrell Chapman, CPA, Chief Executive Officer

August 6, 2020

A handwritten signature in cursive script, appearing to read "Terry Milligan".

Terry Milligan, Chairman, Board of Directors

August 6, 2020

A handwritten signature in cursive script, appearing to read "Heather Johnson".

Heather Johnson, Controller

August 6, 2020

Second Quarter 2020 Financial Report

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LEGACY AG CREDIT, ACA
MANAGEMENT'S DISCUSSION AND ANALYSIS
(dollars in thousands, except as noted)

The following commentary reviews the financial performance of Legacy Ag Credit, ACA, referred to as the association, for the quarter ended June 30, 2020. These comments should be read in conjunction with the accompanying financial statements and the December 31, 2019 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 January 2020, the board of directors approved a patronage payment of \$2,365,000 related to 2019 earnings which was paid in April 2020.

Legacy Ag Credit, ACA has been operating under a presidentially declared emergency since March 13, 2020 due to the Coronavirus Disease 2019 (also referred to as COVID-19). Additionally, the association has been operating under both state and local government level mandates across its 10-county territory during this time period. Despite these unprecedented times and conditions, the association continues to fulfill its mission to support agriculture and rural communities by providing access to reliable and consistent credit.

The association has made changes to its operations as a result of COVID-19. The association initially operated under a restricted access environment for customers. Face-to-face meetings with customers were managed on an appointment only basis. Lobby access was closed to customers. The association staff worked remotely on a rotating basis. None of these actions resulted in diminished ability for the association to serve its members and prospective members.

Since May 6, 2020, the association has re-opened its lobby to customer access. However, as prescribed by various local governmental entities, employees are wearing face coverings when interacting with persons inside Legacy locations. Legacy provides face coverings to any person entering one of our office locations.

The association has actively assisted existing customers with modifications to loan terms, including the complete deferral of loan payments for a temporary time period if the customer was otherwise in good standing at the onset of the COVID-19 virus and the customer has been affected directly by COVID-19. Internal controls over financial reporting and disclosure controls and procedures continue to operate effectively and no material changes to the controls or financial systems have occurred or are contemplated.

Through June 30, 2020 and the date of this report, there have been no additional significant delinquencies or credit metrics impacting the credit quality of the association's loan portfolio related to COVID-19. The association is closely monitoring its loan portfolio and is particularly focused on sectors that may be pressured by COVID-19 and its related economic impacts, such as oil and gas, poultry, timber and beef cattle. The association has adjusted its portfolio monitoring and servicing practices and, if appropriate, will evaluate its allowance for loan losses as changes in outlook occur. Capital levels remained strong to support any adversity or continuing loan demand.

The overall impact of COVID-19 is evolving rapidly, and future events are uncertain. Challenging economic conditions are likely ahead, however, as COVID-19 has caused many countries, including the U.S., to impose restrictions on travel and public gatherings. It is too early to accurately assess the potential impact of COVID-19 on the global, U.S. and district economies. The association will continue to closely monitor the situation in the coming quarters.

Loan Portfolio

Total loans outstanding at June 30, 2020, including nonaccrual loans and sales contracts, were \$285,176,532 compared to \$281,657,383 at December 31, 2019, an increase of 1.25%. Nonaccrual loans as a percentage of total loans outstanding were 0.8% at June 30, 2020, compared to 1.1% at December 31, 2019.

The association recorded \$2,400 in recoveries and \$0 in charge-offs for the quarter ended June 30, 2020, and \$1,500 in recoveries and \$0 in charge-offs for the same period in 2019. The association's allowance for loan losses was 0.44% and 0.44% of total loans outstanding as of June 30, 2020, and December 31, 2019, 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, 2020		December 31, 2019	
	Amount	%	Amount	%
Nonaccrual	\$ 2,209,174	42.4%	\$ 3,195,559	54.3%
Formally restructured	2,997,226	57.6%	2,689,986	45.7%
Total	\$ 5,206,400	100.0%	\$ 5,885,545	100.0%

Results of Operations

The association had net income of \$1,057,880 and \$2,083,960 for the three and six months ended June 30, 2020, as compared to net income of \$895,693 and \$1,922,203 for the same period in 2019, an increase of 18.1% and 8.4% respectively. Net interest income was \$1,996,696 and \$3,953,910 for the three and six months ended June 30, 2020, compared to \$1,900,086 and \$3,891,626 for the same period in 2019, an increase of 5.1% and 6.0% respectively.

	Six Months Ended			
	June 30, 2020		June 30, 2019	
	Average Balance	Interest	Average Balance	Interest
Loans	\$ 279,637,389	\$ 7,098,726	\$ 265,481,920	\$ 7,143,294
Interest-bearing liabilities	225,042,241	3,144,816	210,768,805	3,251,668
Impact of capital	\$ 54,595,148		\$ 54,713,115	
Net interest income		\$ 3,953,910		\$ 3,891,626

	2020	2019
	Average Yield	Average Yield
Yield on loans	5.10%	5.43%
Cost of interest-bearing liabilities	2.81%	3.11%
Interest rate spread	2.29%	2.31%
Net interest income as a percentage of average earning assets	2.84%	2.96%

	Three months ended:		
	June 30, 2020 vs. June 30, 2019		
	Increase (decrease) due to		
	Volume	Rate	Total
Interest income - loans	\$ 233,535	\$ (272,333)	\$ (38,798)
Interest expense	138,077	(273,485)	(135,408)
Net interest income	\$ 95,458	\$ 1,152	\$ 96,610

	Six months ended:		
	June 30, 2020 vs. June 30, 2019		
	Increase (decrease) due to		
	Volume	Rate	Total
Interest income - loans	\$ 381,939	\$ (426,507)	\$ (44,568)
Interest expense	220,817	(327,669)	(106,852)
Net interest income	\$ 161,122	\$ (98,838)	\$ 62,284

Interest income for the three and six months ended June 30, 2020 decreased by \$38,798 and \$44,568 from the same period in 2019, or 1.1% and 0.6% respectively. The decrease was primarily due to declines in yields on earning assets which was partially offset by

an increase in average loan volume. Interest expense for the three and six months ended June 30, 2020 decreased by \$135,408 and \$106,852 from the same period in 2019, or 8.2% and 3.3% respectively. The decrease in interest expense was primarily due to a decline in interest rates which was partially offset by an increase in average debt volume. Average loan volume for the three and six months ended June 30, 2020 was 279,637,389 and \$283,120,654 respectively, compared to \$265,601,793 and \$265,481,920 for the same periods in 2019. The average net interest rate spread on the loan portfolio for three and six months ended June 30, 2020 was 2.33% and 2.29 respectively, compared to 2.23% and 2.31 for the same periods in the second quarter of 2019.

The association's return on average assets for the six months ended June 30, 2020, was 1.46% compared to 1.42% for the same period in 2019. The association's return on average equity for the six months ended June 30, 2020, was 6.86%, compared to 6.49% for the same period in 2019.

Liquidity and Funding Sources

The association secures most 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, 2020	December 31, 2019
Note payable to the bank	\$ 231,873,152	\$ 225,732,667
Accrued interest on note payable	483,208	575,828
Total	<u>\$ 232,356,360</u>	<u>\$ 226,308,495</u>

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 \$231,873,152 as of June 30, 2020, is recorded as a liability on the association's balance sheet. The note carried a weighted average interest rate of 2.66 percent at June 30, 2020. The indebtedness is collateralized by a pledge of substantially all association assets to the bank and is governed by the GFA. The increase in note payable to the bank and related accrued interest payable since December 31, 2019, is due to the association's increase in loan volume. The association's own funds, which represent the amount of the association's loan portfolio funded by the association's equity, were \$52,061,408 at June 30, 2020. The maximum amount the association may borrow from the bank as of June 30, 2020, was \$280,224,060 as defined by the GFA. The indebtedness continues in effect until the expiration date of the GFA, 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 decreased by \$310,488 at June 30, 2020, compared to December 31, 2019, due to the payment of approximately \$2.4 million in patronage in April 2020 which was offset by earnings through the second quarter of \$2.1 million. The association's debt as a percentage of members' equity was 3.85:1 as of June 30, 2020, compared to 3.74:1 as of December 31, 2019.

Farm Credit Administration regulations require the association 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, 2020, 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 2019 Annual Report to stockholders 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 Legacy Ag Credit, ACA, 303 Connally St., Sulphur Springs, TX 75482 or calling (903) 885-9566. The annual and quarterly

stockholder reports for the association are also available on its website at www.legacyaca.com. Copies of the association's quarterly stockholder reports can also be requested by e-mailing sherry.sturgis@legacyaca.com.

LEGACY AG CREDIT, ACA

CONSOLIDATED BALANCE SHEET

	June 30, 2020 (unaudited)	December 31, 2019
<u>ASSETS</u>		
Cash	\$ 125,307	\$ 125,999
Loans	285,176,532	281,657,383
Less: allowance for loan losses	1,241,013	1,245,333
Net loans	283,935,519	280,412,050
Accrued interest receivable	1,732,547	1,520,871
Investment in and receivable from the Farm Credit Bank of Texas:		
Capital stock	4,313,130	4,313,130
Other	695,587	248,698
Premises and equipment, net	3,229,349	2,195,177
Other assets	215,354	171,453
Total assets	<u>\$ 294,246,793</u>	<u>\$ 288,987,378</u>
<u>LIABILITIES</u>		
Note payable to the Farm Credit Bank of Texas	\$ 231,873,152	\$ 225,732,667
Advance conditional payments	3,386	1,690
Accrued interest payable	483,208	575,828
Drafts outstanding	142,586	285,122
Other liabilities	1,093,061	1,430,183
Total liabilities	<u>233,595,393</u>	<u>228,025,490</u>
<u>MEMBERS' EQUITY</u>		
Capital stock and participation certificates	1,050,865	1,078,665
Unallocated retained earnings	59,575,233	59,857,139
Accumulated other comprehensive income (loss)	25,302	26,084
Total members' equity	60,651,400	60,961,888
Total liabilities and members' equity	<u>\$ 294,246,793</u>	<u>\$ 288,987,378</u>

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

LEGACY AG CREDIT, ACA

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME
(unaudited)

	Quarter Ended June 30,		Six Months Ended June 30,	
	2020	2019	2020	2019
<u>INTEREST INCOME</u>				
Loans	\$ 3,511,498	\$ 3,550,296	\$ 7,098,726	\$ 7,143,294
<u>INTEREST EXPENSE</u>				
Note payable to the Farm Credit Bank of Texas	1,514,802	1,650,208	3,144,816	3,251,622
Advance conditional payments	-	2	-	46
Total interest expense	1,514,802	1,650,210	3,144,816	3,251,668
Net interest income	1,996,696	1,900,086	3,953,910	3,891,626
<u>PROVISION FOR LOAN LOSSES</u>	(5,426)	(53,797)	(8,220)	(57,200)
Net interest income after provision for loan losses	2,002,122	1,953,883	3,962,130	3,948,826
<u>NONINTEREST INCOME</u>				
Income from the Farm Credit Bank of Texas:				
Patronage income	290,264	258,494	574,999	514,428
Loan fees	122,796	23,628	164,974	46,942
Refunds from Farm Credit System Insurance Corporation	-	-	44,048	-
Financially related services income	9	95	81	203
Gain (loss) on other property owned, net	-	8,724	-	8,724
Gain (loss) on sale of premises and equipment, net	200	8,335	(2,852)	10,135
Other noninterest income	27,610	29,483	46,344	122,222
Total noninterest income	440,879	328,759	827,594	702,654
<u>NONINTEREST EXPENSES</u>				
Salaries and employee benefits	909,574	854,811	1,739,902	1,702,135
Directors' expense	32,335	53,476	77,672	121,180
Purchased services	80,905	115,350	166,636	238,371
Travel	47,907	82,403	111,999	145,583
Occupancy and equipment	86,524	64,680	171,522	129,881
Communications	31,531	21,361	61,709	36,138
Advertising	14,417	33,097	46,646	55,053
Public and member relations	58,927	33,062	83,016	58,403
Supervisory and exam expense	22,812	30,119	50,158	60,239
Insurance Fund premiums	35,416	37,964	70,598	75,476
Loss on other property owned, net	-	1,633	-	1,633
Other components of net periodic postretirement benefit cost	5,277	1,735	7,924	3,470
Other noninterest expense	59,496	57,258	117,982	101,715
Total noninterest expenses	1,385,121	1,386,949	2,705,764	2,729,277
Income before income taxes	1,057,880	895,693	2,083,960	1,922,203
Provision for (benefit from) income taxes	-	-	-	-
NET INCOME	1,057,880	895,693	2,083,960	1,922,203
Other comprehensive income:				
Change in postretirement benefit plans	(391)	(997)	(782)	(1,994)
COMPREHENSIVE INCOME	\$ 1,057,489	\$ 894,696	\$ 2,083,178	\$ 1,920,209

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

LEGACY AG CREDIT, ACA

CONSOLIDATED STATEMENT OF CHANGES IN MEMBERS' EQUITY

(unaudited)

	Capital Stock/ Participation Certificates	Retained Earnings Unallocated	Accumulated Other Comprehensive Income (Loss)	Total Members' Equity
Balance at December 31, 2018	\$ 1,074,840	\$ 58,182,546	\$ 59,139	\$ 59,316,525
Comprehensive income	-	1,922,203	(1,994)	1,920,209
Capital stock/participation certificates and allocated retained earnings issued	57,365			57,365
Capital stock/participation certificates and allocated retained earnings retired	(66,095)			(66,095)
Patronage paid		(2,299,643)		(2,299,643)
Balance at June 30, 2019	<u>\$ 1,066,110</u>	<u>\$ 57,805,106</u>	<u>\$ 57,145</u>	<u>\$ 58,928,361</u>
Balance at December 31, 2019	\$ 1,078,665	\$ 59,857,139	\$ 26,084	\$ 60,961,888
Comprehensive income	-	2,083,960	(782)	2,083,178
Capital stock/participation certificates and allocated retained earnings issued	64,190			64,190
Capital stock/participation certificates and allocated retained earnings retired	(91,990)			(91,990)
Patronage paid		(2,365,866)		(2,365,866)
Balance at June 30, 2020	<u>\$ 1,050,865</u>	<u>\$ 59,575,233</u>	<u>\$ 25,302</u>	<u>\$ 60,651,400</u>

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

LEGACY AG CREDIT, ACA
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

Unaudited (dollar amounts in thousands, except per share amounts and as otherwise noted)

NOTE 1 — ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES:

The Legacy Ag Credit, ACA (Agricultural Credit Association), referred to as the association, is a member-owned cooperative that provides credit and credit-related services to or for the benefit of eligible borrowers/stockholders for qualified agricultural purposes. The association serves the counties of Franklin, Gregg, Harrison, Hopkins, Kaufman, Marion, Rains, Upshur, Van Zandt and Wood in the state of Texas. 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, 2019, as contained in the 2019 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, 2019, as contained in the 2019 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, 2020. Descriptions of the significant accounting policies are included in the 2019 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 March 2020, the Financial Accounting Standards Board (FASB) issued guidance entitled “Facilitation of the Effects of Reference Rate Reform on Financial Reporting.” The guidance provides optional expedients and exceptions for applying GAAP to contracts, hedging relationships and other transactions affected by reference rate reform. The guidance simplifies the accounting evaluation of contract modifications that replace a reference rate affected by reference rate reform and contemporaneous modifications of other contracts related to the replacement of the reference rate. With respect to hedge accounting, the guidance allows amendment of formal designation and documentation of hedging relationships in certain circumstances as a result of reference rate reform and provides additional expedients for different types of hedges, if certain criteria are met. The optional amendments are effective as of March 12, 2020, through December 31, 2022. The institution is evaluating the impact of adoption on the institution’s financial condition and its results of operations.

In December 2019, the FASB issued guidance entitled “Simplifying the Accounting for Income Taxes.” This guidance eliminates certain intra period tax allocations, foreign deferred tax recognition and interim period tax calculations. In addition, the guidance simplifies disclosure regarding capital and franchise taxes, the allocation of goodwill in business combinations, subsidiary financial statements and other disclosures. The new guidance is intended to eliminate and/or simplify certain aspects of income tax accounting that are complex or that require significant judgment in application or presentation. The guidance becomes effective for fiscal years beginning after December 15, 2021. Early adoption of the guidance is allowed, and the institution adopted this guidance on January 1, 2020. The adoption of this guidance did not materially impact the institution’s financial condition or results of operations.

In August 2018, 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 became 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. The guidance is to be applied on a retrospective or prospective basis to all implementation costs incurred after the date of adoption. The adoption of this guidance did not materially impact the Association’s financial condition or 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 became effective for interim and annual periods beginning after December 15, 2019. Early adoption was allowed, and an entity was permitted to early adopt any removal or modified disclosures and delay adoption of the additional disclosures until their effective date. The Association early adopted the removal and modified disclosures during the fourth quarter of 2018. The adoption of this guidance did not impact the Association’s financial condition or its results of operations but did impact the fair value measurements disclosures.

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 was to become effective for interim and annual periods beginning after December 15, 2020, with early application permitted. In November 2019, the FASB issued an update that amends the mandatory effective date for this guidance for certain institutions. The change resulted from a change in the effective date philosophy that extends and simplifies the adoption by staggering the dates between large public entities and other entities. As a result of the change, the new credit loss standard, for those institutions qualifying for the delay, becomes effective for interim and annual reporting periods beginning after December 15, 2022, with early adoption permitted. The Association qualifies for the delay in the adoption date. The Association continues to evaluate the impact of adoption on the Association’s financial condition and its results of operations.

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, 2020, 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 3 — LOANS AND ALLOWANCE FOR LOAN LOSSES:

A summary of loans follows:

Loan Type	June 30, 2020 Amount	December 31, 2019 Amount
Production agriculture:		
Real estate mortgage	\$ 232,472,455	\$ 230,619,494
Production and intermediate term	12,064,941	12,777,483
Agribusiness:		-
Loans to cooperatives	4,591,684	2,322,849
Processing and marketing	19,055,881	18,519,930
Farm-related business	357,509	555,171
Communication	7,002,182	7,031,161
Energy	4,799,251	4,437,817
Water and waste water	3,208,219	1,996,090
Rural residential real estate	3,356,957	3,397,388
Total	<u>\$ 286,909,079</u>	<u>\$ 281,657,383</u>

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, 2020:

	Other Farm Credit Institutions		Non-Farm Credit Institutions		Total	
	Participations Purchased	Participations Sold	Participations Purchased	Participations Sold	Participations Purchased	Participations Sold
Real estate mortgage	\$ -	\$ 384,052	\$ -	\$ -	\$ -	\$ 384,052
Production and intermediate term	6,779,911	-	-	-	6,779,911	-
Agribusiness	23,966,899	-	-	-	23,966,899	-
Communication	7,001,779	-	-	-	7,001,779	-
Energy	4,776,241	-	-	-	4,776,241	-
Water and waste water	3,177,925	-	-	-	3,177,925	-
Total	\$ 45,702,755	\$ 384,052	\$ -	\$ -	\$ 45,702,755	\$ 384,052

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 \$3,386 and \$1,069 at June 30, 2020, and December 31, 2019, respectively.

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

	June 30, 2020	December 31, 2019
Nonaccrual loans:		
Real estate mortgage	\$ 2,199,291	\$ 2,403,415
Production and intermediate term	9,883	792,114
Total nonaccrual loans	2,209,174	3,195,529
Accruing restructured loans:		
Real estate mortgage	2,997,266	2,689,986
Total nonperforming assets	\$ 5,206,440	\$ 5,885,515

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, 2020		December 31, 2019	
Real estate mortgage				
Acceptable	95.1	%	95.6	%
OAEM	3.8		3.1	
Substandard/doubtful	1.2		1.3	
	100.1		100.0	
Production and intermediate term				
Acceptable	76.8		90.9	
OAEM	23.1		3.0	
Substandard/doubtful	0.1		6.1	
	100.0		100.0	
Agribusiness				
Acceptable	89.7		88.6	
OAEM	4.7		11.4	
Substandard/doubtful	5.5		-	
	99.9		100.0	
Energy and water/waste water				
Acceptable	100.0		100.0	
OAEM	-		-	
Substandard/doubtful	-		-	
	100.0		100.0	
Communication				
Acceptable	100.0		100.0	
OAEM	-		-	
Substandard/doubtful	-		-	
	100.0		100.0	
Rural residential real estate				
Acceptable	100.0		99.5	
OAEM	-		0.5	
Substandard/doubtful	-		-	
	100.0		100.0	
Total loans				
Acceptable	94.2		95.1	
OAEM	4.4		3.6	
Substandard/doubtful	1.4		1.3	
	100.0	%	100.0	%

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

<u>June 30, 2020</u>	<u>30-89 Days Past Due</u>	<u>90 Days or More Past Due</u>	<u>Total Past Due</u>	<u>Not Past Due or Less Than 30 Days Past Due</u>	<u>Total Loans</u>
Real estate mortgage	\$ 782,101	\$ 72,383	\$ 854,484	\$ 231,617,970	\$ 232,472,454
Production and intermediate term	173,500	-	173,500	11,891,442	12,064,942
Loans to cooperatives	-	-	-	4,591,685	4,591,685
Processing and marketing	-	-	-	19,055,881	19,055,881
Farm-related business	-	-	-	357,509	357,509
Communication	-	-	-	7,002,181	7,002,181
Energy	-	-	-	4,799,251	4,799,251
Water and waste water	-	-	-	3,208,219	3,208,219
Rural residential real estate	-	-	-	3,356,957	3,356,957
Total	\$ 955,601	\$ 72,383	\$ 1,027,984	\$ 285,881,095	\$ 286,909,079

<u>December 31, 2019</u>	<u>30-89 Days Past Due</u>	<u>90 Days or More Past Due</u>	<u>Total Past Due</u>	<u>Not Past Due or Less Than 30 Days Past Due</u>	<u>Total Loans</u>
Real estate mortgage	\$ 1,065,699	\$ 232,223	\$ 1,297,922	\$ 230,532,545	\$ 231,830,467
Production and intermediate term	-	-	-	12,991,365	12,991,365
Loans to cooperatives	-	-	-	2,330,174	2,330,174
Processing and marketing	-	-	-	18,554,264	18,554,264
Farm-related business	-	-	-	555,829	555,829
Communication	-	-	-	7,031,650	7,031,650
Energy	-	-	-	4,450,029	4,450,029
Water and waste water	-	-	-	2,026,313	2,026,313
Rural residential real estate	-	-	-	3,408,163	3,408,163
Total	\$ 1,065,699	\$ 232,223	\$ 1,297,922	\$ 281,880,332	\$ 283,178,254

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 (TDRs) 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, 2020, the total recorded investment of troubled debt restructured loans was \$3,781,352, including \$1,188,738 classified as nonaccrual and \$2,592,615 classified as accrual, with specific allowance for loan losses of \$392,730. The specific allowance is determined quarterly through a net realizable value analysis for each individual loan asset. At June 30, 2020 and December 31, 2019, there were no commitments to lend funds to borrowers whose loan terms have been modified in a troubled debt restructuring.

There were no troubled debt restructurings, which includes both accrual and nonaccrual loans with troubled debt restructuring designation, that occurred during the six months ended June 30, 2020. Loans formally restructured prior to January 1, 2020, were \$3,781,352.

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). There were no charge-offs recorded that related to a modification for the quarter ending June 30, 2020.

The predominant form of concession granted for troubled debt restructuring includes principal and interest reductions. Other types of modifications include extension of the term, principal or accrued interest reductions, interest rate decreases 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 the modified terms to determine if the overall modification qualifies as a troubled debt restructuring.

There were no 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.

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

	Loans Modified as TDRs		TDRs in Nonaccrual Status*	
	June 30, 2020	December 31, 2019	June 30, 2020	December 31, 2019
Real estate mortgage	\$ 3,772,322	\$ 3,165,362	\$ 1,179,707	\$ -
Production and intermediate term	9,030	788,646	9,031	-
Total	<u>\$ 3,781,352</u>	<u>\$ 3,954,008</u>	<u>\$ 1,188,738</u>	<u>\$ -</u>

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

Additional impaired loan information is as follows:

	June 30, 2020			December 31, 2019		
	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	\$ 1,181,035	\$ 1,188,208	\$ 383,158	\$ 603,307	\$ 603,307	\$ 24,465
Production and intermediate term	9,030	9,573	9,573	789,659	789,659	402,637
Total	<u>\$ 1,190,065</u>	<u>\$ 1,197,781</u>	<u>\$ 392,731</u>	<u>\$ 1,392,966</u>	<u>\$ 1,392,966</u>	<u>\$ 427,102</u>
Impaired loans with no related allowance for credit losses:						
Real estate mortgage	\$ 4,015,523	\$ 4,029,636	\$ -	\$ 4,490,124	\$ 4,501,775	\$ -
Production and intermediate term	852	791,412	-	2,455	796,015	-
Total	<u>\$ 4,016,375</u>	<u>\$ 4,821,048</u>	<u>\$ -</u>	<u>\$ 4,492,579</u>	<u>\$ 5,297,790</u>	<u>\$ -</u>
Total impaired loans:						
Real estate mortgage	\$ 5,196,558	\$ 5,217,844	\$ 383,158	\$ 5,093,431	\$ 5,105,082	\$ 24,465
Production and intermediate term	9,882	800,985	9,573	792,114	1,585,674	402,637
Total	<u>\$ 5,206,440</u>	<u>\$ 6,018,829</u>	<u>\$ 392,731</u>	<u>\$ 5,885,545</u>	<u>\$ 6,690,756</u>	<u>\$ 427,102</u>

Unpaid principal balance represents the recorded principal balance of the loan.

	For the Three Months Ended				For the Six Months Ended			
	June 30, 2020		June 30, 2019		June 30, 2020		June 30, 2019	
	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	\$ 1,216,458	\$ -	\$ 346,132	\$ -	\$ 1,294,966	\$ -	\$ 291,551	\$ -
Production and intermediate term	9,167	-	-	-	9,426	-	-	-
Total	<u>\$ 1,225,625</u>	<u>\$ -</u>	<u>\$ 346,132</u>	<u>\$ -</u>	<u>\$ 1,304,392</u>	<u>\$ -</u>	<u>\$ 291,551</u>	<u>\$ -</u>
Impaired loans with no related allowance for credit losses:								
Real estate mortgage	\$ 4,309,578	\$ 66,819	\$ 7,822,900	\$ 56,707	\$ 4,469,847	\$ 112,671	\$ 7,285,144	\$ 194,354
Production and intermediate term	1,307	550	5,837	150	1,835	700	6,459	300
Total	<u>\$ 4,310,885</u>	<u>\$ 67,369</u>	<u>\$ 7,828,737</u>	<u>\$ 56,857</u>	<u>\$ 4,471,682</u>	<u>\$ 113,371</u>	<u>\$ 7,291,603</u>	<u>\$ 194,654</u>
Total impaired loans:								
Real estate mortgage	\$ 5,526,036	\$ 66,819	\$ 7,822,900	\$ 56,707	\$ 5,764,813	\$ 112,671	\$ 7,285,144	\$ 194,354
Production and intermediate term	10,474	550	351,969	150	11,261	700	298,010	300
Total	<u>\$ 5,536,510</u>	<u>\$ 67,369</u>	<u>\$ 8,174,869</u>	<u>\$ 56,857</u>	<u>\$ 5,776,074</u>	<u>\$ 113,371</u>	<u>\$ 7,583,154</u>	<u>\$ 194,654</u>

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, 2020	\$ 716,751	\$ 458,713	\$ 55,100	\$ 3,457	\$ 5,743	\$ 4,275	\$ 1,244,039
Charge-offs	-	-	-	-	-	-	-
Recoveries	900	1,500	-	-	-	-	2,400
Provision for loan losses	(19,346)	531	12,211	3	2,080	(905)	(5,426)
Balance at June 30, 2020	<u>\$ 698,305</u>	<u>\$ 460,744</u>	<u>\$ 67,311</u>	<u>\$ 3,460</u>	<u>\$ 7,823</u>	<u>\$ 3,370</u>	<u>\$ 1,241,013</u>
Balance at December 31, 2019	\$ 719,322	\$ 460,952	\$ 51,437	\$ 3,566	\$ 6,069	\$ 3,987	\$ 1,245,333
Charge-offs	-	-	-	-	-	-	-
Recoveries	900	3,000	-	-	-	-	3,900
Provision for loan losses	(21,917)	(3,208)	15,874	(106)	1,754	(617)	(8,220)
Balance at June 30, 2020	<u>\$ 698,305</u>	<u>\$ 460,744</u>	<u>\$ 67,311</u>	<u>\$ 3,460</u>	<u>\$ 7,823</u>	<u>\$ 3,370</u>	<u>\$ 1,241,013</u>
Ending Balance:							
Individually evaluated for impairment	\$ 383,158	\$ 9,573	\$ -	\$ -	\$ -	\$ -	\$ 392,731
Collectively evaluated for impairment	315,146	451,171	67,312	3,460	7,823	3,370	848,282
Balance at June 30, 2020	<u>\$ 698,304</u>	<u>\$ 460,744</u>	<u>\$ 67,312</u>	<u>\$ 3,460</u>	<u>\$ 7,823</u>	<u>\$ 3,370</u>	<u>\$ 1,241,013</u>
Balance at March 31, 2019	\$ 779,129	\$ 406,948	\$ 37,355	\$ 1,929	\$ 12,495	\$ 3,557	\$ 1,241,413
Charge-offs	-	-	-	-	-	-	-
Recoveries	-	1,500	-	-	-	-	1,500
Provision for loan losses	(26,879)	(36,675)	7,454	1,051	1,046	206	(53,797)
Balance at June 30, 2019	<u>\$ 752,250</u>	<u>\$ 371,773</u>	<u>\$ 44,809</u>	<u>\$ 2,980</u>	<u>\$ 13,541</u>	<u>\$ 3,763</u>	<u>\$ 1,189,116</u>
Balance at December 31, 2018	\$1,203,155	\$ 62,480	\$ 29,152	\$ 2,112	\$ 11,590	\$ 3,981	\$ 1,312,470
Charge-offs	(69,154)	-	-	-	-	-	(69,154)
Recoveries	-	3,000	-	-	-	-	3,000
Provision for loan losses	(381,751)	306,293	15,657	868	1,951	(218)	(57,200)
Balance at June 30, 2019	<u>\$ 752,250</u>	<u>\$ 371,773</u>	<u>\$ 44,809</u>	<u>\$ 2,980</u>	<u>\$ 13,541</u>	<u>\$ 3,763</u>	<u>\$ 1,189,116</u>
Ending Balance:							
Individually evaluated for impairment	\$ -	\$ 309,799	\$ -	\$ -	\$ -	\$ -	\$ 309,799
Collectively evaluated for impairment	752,250	61,974	44,809	2,980	13,541	3,763	879,317
Balance at June 30, 2019	<u>\$ 752,250</u>	<u>\$ 371,773</u>	<u>\$ 44,809</u>	<u>\$ 2,980</u>	<u>\$ 13,541</u>	<u>\$ 3,763</u>	<u>\$ 1,189,116</u>

	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, 2020	\$232,472,455	\$ 12,064,942	\$ 24,005,074	\$ 7,002,181	\$ 8,007,470	\$3,356,957	\$286,909,079
Individually evaluated for impairment	\$ 5,196,557	\$ 9,883	\$ -	\$ -	\$ -	\$ -	\$ 5,206,440
Collectively evaluated for impairment	\$227,275,898	\$ 12,055,059	\$ 24,005,074	\$ 7,002,181	\$ 8,007,470	\$3,356,957	\$281,702,639
Ending Balance at							
December 31, 2019	\$231,830,467	\$ 12,991,365	\$ 21,440,267	\$ 7,031,650	\$ 6,476,342	\$3,408,163	\$283,178,254
Individually evaluated for impairment	\$ 5,093,431	\$ 792,114	\$ -	\$ -	\$ -	\$ -	\$ 5,885,545
Collectively evaluated for impairment	\$226,737,036	\$ 12,199,251	\$ 21,440,267	\$ 7,031,650	\$ 6,476,342	\$6,408,163	\$280,292,709

NOTE 5 — 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, 2020
Common equity tier 1 ratio	4.50%	2.50%	7.00%	21.12%
Tier 1 capital ratio	6.00%	2.50%	8.50%	21.12%
Total capital ratio	8.00%	2.50%	10.50%	21.60%
Permanent capital ratio	7.00%	0.00%	7.00%	21.22%
Non-risk-adjusted:				
Tier 1 leverage ratio	4.00%	1.00%	5.00%	19.31%
UREE leverage ratio	1.50%	0.00%	1.50%	20.44%

(dollars in thousands)	Common equity tier 1 ratio	Tier 1 capital ratio	Total capital ratio	Permanent capital ratio
Numerator:				
Unallocated retained earnings	40,119,185	40,119,185	40,119,185	40,119,185
Common Cooperative Equities:				
Statutory minimum purchased borrower stock	1,060,671	1,060,671	1,060,671	1,060,671
Nonqualified allocated equities not subject to retirement	18,644,575	18,644,575	18,644,575	18,644,575
Allowance for loan losses and reserve for credit losses subject to certain limitations			1,245,793	
Regulatory Adjustments and Deductions:				
Amount of allocated investments in other System institutions	(4,313,130)	(4,313,130)	(4,313,130)	(4,313,130)
	55,511,301	55,511,301	56,757,094	55,511,301
Denominator:				
Risk-adjusted assets excluding allowance	267,122,350	267,122,350	267,122,350	267,122,350
Regulatory Adjustments and Deductions:				
Regulatory deductions included in total capital	(4,313,130)	(4,313,130)	(4,313,130)	(4,313,130)
Allowance for loan losses				(1,245,793)
	262,809,220	262,809,220	262,809,220	261,563,427

(dollars in thousands)	Tier 1 leverage ratio	UREE leverage ratio
Numerator:		
Unallocated retained earnings	40,119,185	40,119,185
Common Cooperative Equities:		
Statutory minimum purchased borrower stock	1,060,671	-
Nonqualified allocated equities not subject to retirement	18,644,575	18,644,575
Regulatory Adjustments and Deductions:		
Amount of allocated investments in other System institutions	(4,313,130)	-
	55,511,301	58,763,760
Denominator:		
Total Assets	293,170,326	293,170,326
Regulatory Adjustments and Deductions:		
Regulatory deductions included in tier 1 capital	(5,661,437)	(5,661,437)
	287,508,889	287,508,889

An additional component of equity is accumulated other comprehensive income, which is reported net of taxes, is as follows:

Accum Other Comp Income (Loss)			
June 30, 2020	Before Tax	Deferred Tax	Net of Tax
Nonpension postretirement benefits	\$ 25,302	\$ -	\$ 25,302
June 30, 2019	Before Tax	Deferred Tax	Net of Tax
Nonpension postretirement benefits	\$ 57,145	\$ -	\$ 57,145

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

	<u>2020</u>	<u>2019</u>
Accumulated other comprehensive income (loss) at January 1	\$ 26,084	\$ 59,139
Amortization of prior service (credit) costs included in salaries and employee benefits	(782)	(783)
Amortization of actuarial (gain) loss included in salaries and employee benefits	-	(1,211)
Other comprehensive income (loss), net of tax	(782)	(1,994)
Accumulated other comprehensive income (loss) at June 30	<u>\$ 25,302</u>	<u>\$ 57,145</u>

NOTE 6 — INCOME TAXES:

Legacy Ag Credit, 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. The association operates as a cooperative that qualifies for tax treatment under Subchapter T of the Internal Revenue Code. Accordingly, under specified conditions, the association 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.

NOTE 7 — 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 13 to the 2019 Annual Report to Stockholders for a more complete description.

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

<u>June 30, 2020</u>	<u>Fair Value Measurement Using</u>			<u>Total Fair</u>	<u>Total Gains</u>
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Value</u>	<u>(Losses)</u>
Assets:					
Loans*	\$ -	\$ -	\$ 797,335	\$ 797,335	\$ -
<u>December 31, 2019</u>	<u>Fair Value Measurement Using</u>			<u>Total Fair</u>	<u>Total Gains</u>
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	<u>Value</u>	<u>(Losses)</u>
Assets:					
Loans*	\$ -	\$ -	\$ 1,875,594	\$ 1,875,594	\$ -

*Represents the fair value of certain loans that were evaluated for impairment under the 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.

Information About Nonrecurring Level 3 Fair Value Measurements

Since each collateral property is unique, it is not practicable to provide specific information on inputs concerning nonrecurring measurements for impaired loans and other property owned. 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 13 to the 2019 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 2019 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, most 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.

Cash

For cash, the carrying amount is a reasonable estimate of fair value.

Loans

Fair value is estimated by discounting the expected future cash flows using the associations' current interest rates at which similar loans would be made to borrowers with similar credit risk. The discount rates are based on the associations' current loan origination rates as well as management's estimates of credit risk. Management has no basis to determine whether the fair values presented would be indicative of the value negotiated in an actual sale and could be less.

For purposes of estimating fair value of accruing loans, the loan portfolio is segregated into pools of loans with homogeneous characteristics. Expected future cash flows, primarily based on contractual terms, and interest rates reflecting appropriate credit risk are separately determined for each individual pool.

The fair value of loans in nonaccrual status that are current as to principal and interest is estimated as described above, with appropriately higher interest rates which reflect the uncertainty of continued cash flows. For collateral-dependent impaired loans, it is assumed that collection will result only from the disposition of the underlying collateral.

NOTE 8 — EMPLOYEE BENEFIT PLANS:

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

Three months ended June 30 :

	Other Benefits	
	2020	2019
Service cost	\$ 2,097	\$ 1,696
Interest cost	2,256	2,732
Amortization of prior service (credits) costs	(391)	(391)
Amortization of net actuarial (gain) loss	-	(606)
Net periodic benefit cost	<u>\$ 3,962</u>	<u>\$ 3,431</u>

Six months ended June 30 :

	Other Benefits	
	2020	2019
Service cost	\$ 4,195	\$ 3,392
Interest cost	4,512	5,464
Amortization of prior service (credits) costs	(783)	(782)
Amortization of net actuarial (gain) loss	-	(1,212)
Net periodic benefit cost	<u>\$ 7,924</u>	<u>\$ 6,862</u>

The association's liability for the unfunded accumulated obligation for these benefits at June 30, 2020, was \$270,81m13 and is included in other liabilities on 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, 2019, that it expected to contribute \$0 to the district's defined benefit pension plan in 2020. As of June 30, 2020, \$0 of contributions have been made.

NOTE 9 — 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 currently that are likely to materially affect the association.

NOTE 10 — SUBSEQUENT EVENTS:

The association has evaluated subsequent events through August 6, 2020, which is the date the financial statements were issued. There are no other significant events requiring disclosure as of August 6, 2020.