## LONE STAR, ACA

## 2023 Quarterly Report Second Quarter



For the Quarter Ended June 30, 2023

#### 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.

Joe H. Hayman, Chief Executive Officer

August 9, 2023

Brent Neuhaus, Chairman, Board of Directors

August 9, 2023

Nicholas Acosta, Chief Financial Officer

August 9, 2023

David Conrad, Chairman, Audit Committee

August 9, 2023

## Second Quarter 2023 Financial Report

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## LONE STAR, ACA MANAGEMENT'S DISCUSSION AND ANALYSIS

The following discussion and analysis reviews the consolidated financial performance of the Lone Star, ACA, (ACA) including its wholly-owned subsidiaries Lone Star, FLCA and Lone Star, PCA, (collectively referred to herein as the "Association") for the three and six months ended June 30, 2023. The discussion should be read in conjunction with the Association's Annual Report to Stockholders, and notes thereto, for the year ended December 31, 2022. Operating results for the three and six months ended June 30, 2023, are not necessarily indicative of the results for the year ending December 31, 2023, or any future period.

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.

Since 1917, the Association and its predecessors have provided its members with quality financial services. The Board 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.

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.

#### Patronage Refunds by Association:

In December 2022, the Board declared a cash patronage in the amount of \$25,897,526 paid in March 2023, based on 2022 patronage-sourced earnings. The patronage was paid to eligible borrowers based on their net interest margin of all Patronage Transactions outstanding for the year ending December 31, 2022. The Association's total capital position remains strong after the declaration and distribution of patronage at 15.1 percent for the period ending June 30, 2023.

#### Patronage Refunds Received from the Farm Credit Bank of Texas (Bank):

The following table provides information on the patronage received from the Bank for the year ended December 31, 2022:

	 2022
Direct loan patronage	\$ 13,464,849
Stock investment in the Bank	785,113
Participation's patronage	709,454
Agricultural mortgage backed securities investment patronage	75,735
Total Patronage Received	\$ 15,035,151

2022

The direct loan patronage received represents 66 basis points on average daily balance of the Association's direct loan with the Bank.

#### Loan Portfolio:

The Association makes and services loans to farmers, ranchers, rural homeowners and certain farm-related businesses. The Association's loan volume consists of long-term farm mortgage loans, production and intermediate-term loans, farm-related business loans and rural infrastructure loans through purchased participations. These loan products are available to eligible borrowers with competitive variable, fixed, adjustable, SOFR-based, and prime-based interest rates. Commercial loans primarily consist of operating loans and short-term loans for working capital, equipment and livestock. Mortgage loans primarily consist of 5- to 30- year maturities. Loans serviced by the Association offer several installment payment cycles, the timing of which usually coincides with the seasonal cash-flow capabilities of the borrower.

Total loans outstanding at June 30, 2023, including nonaccrual loans, were \$2,509,600,590 compared to \$2,488,863,549 at December 31, 2022, reflecting an increase of 0.8 percent. Total nonaccrual loans outstanding at June 30, 2023, were \$8,481,820 compared to \$1,835,657 at December 31, 2022, reflecting an increase of 362.1 percent attributed to a capital markets relationship moving to nonaccrual status. Nonaccrual loans as a percentage of total loans outstanding were 0.3 percent at June 30, 2023, compared to 0.1 percent at December 31, 2022.

The Association recorded \$1,730 in recoveries and no charge-offs for the quarter ended June 30, 2023, and \$7,407 in recoveries and no charge-offs for the same period in 2022. The Association's allowance for credit losses was 0.2 percent and 0.2 percent of total loans outstanding as of June 30, 2023, and December 31, 2022, 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, net. The following table illustrates the Association's components and trends of high-risk assets.

	June 30	, 2023	December 3	31, 2022
	Amount %		Amount	%
Nonaccrual	\$ 8,481,820	100.0%	\$ 1,835,657	63.0%
Accruing restructured loans		0.0%	1,079,596	37.0%
Total	\$8,481,820	100.0%	\$ 2,915,253	100.0%

At June 30, 2023, and December 31, 2022, the Association held no property classified as other property owned, net, and no loans that are past due 90 days or more and still accruing interest.

#### **Results of Operations:**

The Association had net income of \$11,985,619 and \$24,508,024 for the three and six months ended June 30, 2023, as compared to net income of \$12,870,866 and \$26,544,045 for the same period in 2022, reflecting a decrease of 6.9 percent and 7.7 percent, respectively. Net interest income was \$17,040,794 and \$34,208,033 for the three and six months ended June 30, 2023, compared to \$16,760,932 and \$33,317,860 for the same period in 2022, respectively.

	Six Months Ended							
	June 3	30,	June 30,					
	2023	3		2022				
	Average		Avei	rage				
	Balance	Interest	Bala	nce	Interest			
Loans	\$ 2,513,197,433	\$ 66,316,223	\$ 2,376	5,974,593	\$ 53,516,298			
Total interest-earning assets	2,513,197,433	66,316,223	2,376	5,974,593	53,516,298			
Interest-bearing liabilities	2,120,682,573	32,108,190	2,001	1,481,878	20,198,438			
Impact of capital	\$ 392,514,860		\$ 375	5,492,715				
Net interest income		\$ 34,208,033			\$ 33,317,860			
	- -		•	_				
	2023	3		2022				
	Average	Yield	Average Yield					
Yield on loans	5.32%	<b>/</b> 0	4.54%					
Total yield on interest-								
earning assets	5.32%	<b>6</b>		4.54%				
Cost of interest-bearing								
liabilities	3.05%	<b>6</b>		2.04%				
Interest rate spread	2.27%	<b>6</b>		2.50%				
		Six mont	hs ended:					
	June 30, 2023 vs. June 30, 2022							
	Increase (decrease) due to							
	Volu	me R:	ate	Total				
Interest income - lo	ans \$ 3,060	5,978 \$ 9,7	32,947	\$12,799,92	25			
Interest expense	1,202	2,957 10,7	,706,795 11,909,752					
Net interest income	\$ 1,864	\$ (9	73,848)	\$ 890,1	73			
					<del></del>			

Interest income for the three and six months ended June 30, 2023, increased by \$6,243,741 and \$12,799,925, or 22.7 percent and 23.9 percent, respectively, from the same period of 2022, primarily due to an increase in average interest-earning assets and yield on interest-earning assets. Interest expense for the three and six months ended June 30, 2023, increased by \$5,963,879 and \$11,909,752, or 55.3 percent and 59.0 percent, respectively, from the same period of 2022, due to an increase in interest-bearing liabilities and the cost of interest-bearing liabilities. Average loan volume for the second quarter of 2023 was \$2,519,222,561, compared to \$2,414,588,044 in the second quarter of 2022. The average net interest rate spread on the loan portfolio for the second quarter of 2023 was 2.23 percent, compared to 2.45 percent in the second quarter of 2022.

The Association's return on average assets for the six months ended June 30, 2023, was 1.92 percent compared to 2.21 percent for the same period in 2022. The Association's return on average equity for the six months ended June 30, 2023, was 11.64 percent, compared to 13.43 percent for the same period in 2022.

Noninterest income for the three months ended June 30, 2023, decreased by \$43,265, or 1.1 percent, from the same period of 2022, primarily due to a decrease in loan fees offset by an increase in patronage income from the Bank. Noninterest income for the six months ended June 30, 2023, increased by \$15,553, or 0.2 percent, from the same period of 2022, primarily due to an increase in patronage income from the Bank offset by a decrease in other noninterest income. Noninterest expenses for the three months ended June 30, 2023, decreased by \$353,507, or 4.2 percent, from the same period of 2022, primarily due to a decrease in insurance fund premiums offset by an increase in purchased services. Noninterest expenses for the six months ended June 30, 2023, increased by \$1,373,043, or 8.8 percent, from the same period of 2022, primarily due to an increase in salary and employee benefits attributed to planned merit increases offset by a decrease in advertising.

Provisions for credit losses for the three and six months ended June 30, 2023, increased by \$1,479,698 and \$1,575,284, or 200.7 percent and 138.2 percent, respectively, from the same period of 2022, primarily due to an increase in nonaccrual loan assets attributed to a capital markets relationship moving to nonaccrual status which required specific reserves in 2023.

#### **Liquidity and Funding Sources:**

The Association secures the majority of its lendable funds from 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,	December 31,				
2023	2022				
\$ 2,117,861,294	\$	2,081,970,432			
 5,586,563		4,983,163			
\$ 2,123,447,857	\$	2,086,953,595			
_	2023 \$ 2,117,861,294	2023 \$ 2,117,861,294 5,586,563			

The outstanding balance of the note payable to the Bank of \$2,117,861,294 as of June 30, 2023, is recorded as a liability on the Association's Consolidated Balance Sheet. The note carried a weighted average interest rate of 3.22 percent at June 30, 2023. 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 (GFA). The increase in note payable to the Bank since December 31, 2022, correlates directly with the overall increase in the Association's accrual loan volume for the period. The Association's own funds, which represent the amount of the Association solution portfolio funded by the Association's equity, were \$395,271,264 at June 30, 2023. The maximum amount the Association may borrow from the Bank as of June 30, 2023, was \$2,519,252,845 as defined by the GFA. The indebtedness continues in effect until the expiration date of the GFA, which is September 30, 2023, 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 \$23,969,285 at June 30, 2023, compared to December 31, 2022. The Association's debt as a percentage of members' equity was 4.90:1 as of June 30, 2023, compared to 5.17:1 as of December 31, 2022.

FCA 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, 2023, the Association exceeded all regulatory capital requirements.

#### **Economic Conditions:**

The Association continues to fulfill its mission to support agriculture and rural communities by providing access to reliable and consistent credit. The Association is closely monitoring its loan portfolio overall and is particularly focused on sectors that may be pressured by factors such as persistently high inflation, a rapidly increasing interest rate environment, and financial market stress. Capital levels remained strong to support any adversity.

The Consumer Price Index for All Urban Consumers increased by 3.0 percent for the 12-month period ending June 2023, above the long-term target of approximately 2.0 percent. However, recent inflation rates represent significant declines from the four-decade high of 9.1 percent reached in June 2022. The Federal Open Market Committee (FOMC) raised the Federal funds rate to a target range of 5.25 – 5.50 percent in July 2023. The 25-basis point increase in July lead to a cumulative increase of about 525 basis points since mid-March 2022. The FOMC reiterated its commitment to returning inflation to its 2.0 percent objective, which may require further tightening in future periods.

On June 29, the U.S. Bureau of Economic Analysis (BEA) released its third estimate of real gross domestic product (GDP) for the first quarter of 2023. U.S. real GDP growth decelerated but continued to expand during the first quarter of 2023 by about 2.0 percent, down from 2.6 percent during the fourth quarter of 2022, but up from -1.6 percent during the same period a year ago. The International Monetary Fund's World Economic Outlook projects that U.S. real GDP growth will be 1.6 percent in 2023 and 1.1 percent in 2024. Additionally, BEA released first quarter 2023 annualized real GDP growth rates for the states within the Texas District on June 30. Growth rates among Texas District states similarly decelerated during the first quarter of 2023 and ranged from a low of 0.1 percent in Alabama to a high of 3.0 percent in Texas. Economic activity in the agriculture, forestry, fishing, and hunting sector increased in 33 states and was the leading contributor to growth in 13 states, including North Dakota, Nebraska, South Dakota, Kansas and Montana, the five states with the largest increases in real GDP.

The U.S. Bureau of Labor Statistics indicated that the U.S. unemployment rate increased month-over-month from 3.4 percent in April to 3.7 percent in May 2023. The May 2023 state unemployment rates in the Texas District ranged from a low of 2.2 percent in Alabama to a high of 4.1 percent in Texas. Three of the five Texas District states (i.e., Alabama, New Mexico and Mississippi) attained year-over-year declines in the unemployment rate in May 2023.

West Texas Intermediate (WTI) crude oil futures prices (front-month) decreased to an average of about \$74 per barrel during the second quarter of 2023, down from \$76 per barrel in the prior quarter and about \$109 per barrel during the same period a year ago. In the June 2023 edition of the Short-Term Energy Outlook, the U.S. Energy Information Administration estimated that the monthly average WTI spot price would be about \$75 per barrel in 2023 and nearly \$79 per barrel in 2024. U.S. crude oil production is expected to reach record levels in 2023 and 2024, driven primarily by growth in the Permian Basin.

On June 30, 2023, the U.S. Department of Agriculture (USDA) released its 2023 Acreage report. Corn planted area was estimated at 94.1 million acres in 2023, up nearly 6.2 percent from last year, and revised up by about 2.0 percent from the prior report. Corn planted acreage is expected to be up or unchanged from the previous year in 43 of the 48 estimating states. Soybean planted area for 2023 was estimated at 83.5 million acres, down about 4.5 percent from last year. All wheat planted area is estimated at 49.6 million acres, up about 8.5 percent from 2022. All cotton planted area was estimated at 11.1 million acres, down about 19.4 percent from last year. Estimated planted acres of soybeans, wheat, and cotton were revised down in this update. These estimates are derived via a survey of farmers' intentions and are subject to change throughout the season.

The June 2023 edition of the USDA World Agricultural Supply and Demand Estimates (WASDE) report states that farmers are expected to receive lower average farm prices for corn (-27.3 percent), soybeans (-14.8 percent), wheat (-13.0 percent), and cotton (-6.1 percent) in the 2023/24 marketing year compared to the previous season. Similarly, the average price received by farmers for all milk is projected to decrease by about 21.0 percent year-over-year in 2023 and by 1.5 percent in 2024 after rising nearly 37.0 percent in 2022. USDA projects that average steer prices (5-Area, Direct) will increase year-over-year by about 18.9 percent in 2023, while broilers and barrows and gilts prices are projected to decline by about 7.4 percent and 20.4 percent, respectively. Random length lumber futures prices (front-month) declined by about 14.6 percent year-over-year as of June 2023; however, on a month-over-month basis, prices rose by nearly 12.8 percent in June.

During 2023, agricultural producers and processors may be negatively impacted by several factors, including volatile commodity prices, high input costs, export market disruptions, geopolitical challenges, economic slowdown, and adverse weather conditions.

#### **Significant Recent Accounting Pronouncements:**

Refer to Note 1 – "Organization, Mergers, and Significant Accounting Policies" in this quarterly report for disclosures of recent accounting pronouncements which may impact the Association's consolidated financial position and results of operations and for critical accounting policies.

#### Relationship With the Bank:

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 2022 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) 465-1881. The annual and quarterly stockholder reports are also available on its website at *www.farmcreditbank.com*.

The Association's annual and quarterly stockholder reports are also available free of charge, upon request. The annual and quarterly stockholder reports are available approximately 75 days after year end and 40 days after quarter end, respectively, and can be obtained by writing to Lone Star, ACA, 1612 Summit Avenue, Suite 300, Fort Worth, Texas 76102 or calling (817) 332-6565. The annual and quarterly stockholder reports for the Association are also available on its website at <a href="https://www.lonestaragcredit.com">www.lonestaragcredit.com</a>. Copies of the reports can also be requested by e-mailing <a href="mailto:ShareHolderRelations@lonestaragcredit.com">ShareHolderRelations@lonestaragcredit.com</a>.

## LONE STAR, ACA

## CONSOLIDATED BALANCE SHEETS

		June 30, 2023 (unaudited)		December 31, 2022
<u>ASSETS</u>	•	100 (12	Ф	24.524
Cash	\$	109,643	\$	34,734
Loans		2,509,600,590		2,488,863,549
Less: allowance for credit losses on loans		(6,266,981)	-	(5,746,994)
Net loans		2,503,333,609		2,483,116,555
Accrued interest receivable		15,513,588		12,614,518
Investment in and receivable from the Bank:				40.600.710
Capital stock		40,635,410		40,638,710
Other		7,724,968		2,356,854
Premises and equipment, net		3,909,917		3,770,067
Other assets		3,437,772		4,122,189
Total assets	\$	2,574,664,907	\$	2,546,653,627
LIABILITIES  Note payable to the Bank Accrued interest payable Drafts outstanding Patronage dividends payable Other liabilities Total liabilities	\$	2,117,861,294 5,586,563 40,903 - 14,583,020 2,138,071,780	\$	2,081,970,432 4,983,163 257,815 25,897,526 20,920,849 2,134,029,785
MEMBERS' EQUITY Capital stock and participation certificates Additional paid-in capital Unallocated retained earnings Accumulated other comprehensive income		5,808,745 91,343,553 339,272,305 168,524		5,816,750 91,343,553 315,281,755 181,784
Total members' equity		436,593,127	•	412,623,842
Total liabilities and members' equity	\$	2,574,664,907	\$	2,546,653,627

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

### LONE STAR, ACA

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(unaudited)

	Three Months Ended June 30,			Six Months Ended June 30,				
		2023		2022		2023		2022
INTEREST INCOME								
Loans	\$	33,782,867	\$	27,539,126	\$	66,316,223	\$	53,516,298
Total interest income		33,782,867		27,539,126		66,316,223		53,516,298
INTEREST EXPENSE								
Note payable to the Bank		16,739,465		10,778,064		32,103,290		20,198,239
Advance conditional payments		2,608		130		4,900		199
Total interest expense		16,742,073		10,778,194		32,108,190		20,198,438
Net interest income		17,040,794		16,760,932		34,208,033		33,317,860
PROVISION FOR (REVERSAL OF) CREDIT LOSSES		742,362		(737,336)		435,513		(1,139,771)
Net interest income after								
provision for (reversal of) credit losses		16,298,432		17,498,268		33,772,520		34,457,631
NONINTEREST INCOME								
Income from the Bank:								
Patronage income		3,595,841		3,522,316		7,162,991		6,890,882
Loan fees		116,928		191,782		247,493		368,116
Financially related services income		1,153		889		1,695		1,713
Gain on sale of premises and equipment, net		76,535		118,918		150,402		144,153
Other noninterest income		43,290		43,107		91,296		233,460
Total noninterest income		3,833,747		3,877,012		7,653,877		7,638,324
NONINTEREST EXPENSES								
Salaries and employee benefits		4,529,602		4,558,281		9,295,247		8,246,109
Directors' expense		147,962		138,274		308,876		264,475
Purchased services		668,264		544,854		1,481,634		1,061,593
Travel		173,807		229,426		315,350		411,578
Occupancy and equipment		707,636		696,912		1,398,850		1,370,005
Communications		69,983		66,423		136,679		129,346
Advertising		184,414		264,118		381,286		526,555
Public and member relations		192,966		340,350		718,998		729,951
Supervisory and exam expense		171,948		158,909		343,896		317,818
Insurance fund premiums		877,921		1,155,322		1,799,745		1,876,124
Other components of net periodic postretirement								
benefit cost		50,166		50,451		100,332		100,902
Other noninterest expense		370,315		295,171		630,751		504,145
Total noninterest expenses		8,144,984		8,498,491		16,911,644		15,538,601
Income before income taxes		11,987,195		12,876,789		24,514,753		26,557,354
Provision for income taxes		1,576		5,923		6,729		13,309
NET INCOME		11,985,619		12,870,866		24,508,024		26,544,045
Other comprehensive income:								
Change in postretirement benefit plans		(6,630)		7,827		(13,260)		15,654
COMPREHENSIVE INCOME	\$	11,978,989	\$	12,878,693	\$	24,494,764	\$	26,559,699

LONE STAR, ACA

### CONSOLIDATED STATEMENT OF CHANGES IN MEMBERS' EQUITY

(unaudited)

	C	apital Stock/						Ac	cumulated Other	Total
	Pa	articipation		Additional	 Retaine	d Ear	nings	Com	prehensive	Members'
		Certificates	Pa	id-in-Capital	 Allocated		Unallocated	Inc	ome (Loss)	 Equity
Balance at December 31, 2021 Comprehensive income	\$	5,929,630	\$	91,343,553	\$ -	\$	290,017,251 26,544,045	\$	(954,347) 15,654	\$ 386,336,087 26,559,699
Capital stock/participation certificates issued		447,085		-	-		-		-	447,085
Capital stock/participation certificates retired Dividends declared		(441,255)		-	-		73,936		-	(441,255) 73,936
Balance at June 30, 2022	\$	5,935,460	\$	91,343,553	\$ -	\$	316,635,232	\$	(938,693)	\$ 412,975,552
Balance at December 31, 2022 Comprehensive income Capital stock/participation certificates	\$	5,816,750	\$	91,343,553	\$ -	\$	315,281,755 24,508,024	\$	181,784 (13,260)	\$ 412,623,842 24,494,764
issued		249,865		-	-		-		-	249,865
Capital stock/participation certificates retired		(257,870)		-	-		-		-	(257,870)
Dividends declared		-		-	-		(385,101)		-	(385,101)
Cumulative impact of adoption of new accounting standard							(132,373)		-	(132,373)
Balance at June 30, 2023	\$	5,808,745	\$	91,343,553	\$ -	\$	339,272,305	\$	168,524	\$ 436,593,127

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

# LONE STAR, ACA NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

(UNAUDITED)

#### NOTE 1 — ORGANIZATION, MERGERS, AND SIGNIFICANT ACCOUNTING POLICIES:

Lone Star, ACA, including its wholly-owned subsidiaries, Lone Star, PCA and Lone Star, FLCA, 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 Bell, Borden, Bosque, Bowie, Burnet, Camp, Cass, Cooke, Coryell, Dallas, Delta, Denton, Eastland, Ellis, Erath, Falls, Fannin, Fisher, Freestone, Grayson, Hamilton, Hill, Hood, Johnson, Kent, Lamar, Lampasas, Limestone, McLennan, Milam, Mitchell, Morris, Navarro, Nolan, Palo Pinto, Parker, Red River, Scurry, Shackelford, Somervell, Stephens, Tarrant, Taylor, Throckmorton, Titus, Williamson, Wise and Young in the state of Texas. The Association is a lending institution of the Farm Credit 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, 2022, as contained in the 2022 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. 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, 2023. Descriptions of the significant accounting policies are included in the 2022 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.

Effective November 19, 2022, the Association signed a letter of intent to pursue a merger transaction with Ag New Mexico Farm Credit, ACA. On June 7, 2023, the Association and Ag New Mexico submitted a request to the Farm Credit Administration (FCA) for "preliminary approval" of the merger. This request is currently pending. If FCA grants preliminary approval, each of the associations will hold separate special meetings of stockholders for its voting stockholder to vote on the merger. The merger is conditioned on a favorable vote of each association's voting stockholders and FCA granting final approval of the merger. The proposed effective date for the merger is December 1, 2023, or as soon as practicable thereafter.

#### **Recently Adopted Accounting Pronouncements:**

The Association adopted the Financial Accounting Standards Board (FASB) guidance entitled "Measurement of Credit Losses on Financial Instruments" and other subsequently issued accounting standards updates related to credit losses on January 1, 2023. This guidance replaced the current incurred loss impairment methodology with a single allowance framework for financial assets carried at amortized cost and certain off-balance sheet credit exposures. This guidance requires management to consider in its estimate of the allowance for credit losses (ACL) relevant historical events, current conditions and reasonable and supportable forecasts that affect the collectability of the assets.

Also adopted effective January 1, 2023, was the updated guidance entitled "Financial Instruments – Credit Losses: Troubled Debt Restructurings and Vintage Disclosure." This guidance requires the creditor to determine whether a modification results in a new loan or a continuation of an existing loan, among other disclosures specific to modifications with borrowers that are experiencing financial difficulties. The update eliminated the accounting guidance for troubled debt restructurings by creditors.

The following table presents the impact to the allowance for credit losses and retained earnings upon adoption of this guidance on January 1, 2023:

	Dec	ember 31, 2022	CECL adoption impact	•	January 1, 2023
Assets:					
Allowance for credit losses on loans	\$	5,746,994	\$ (30,078)	\$	5,716,916
Liabilities:					
Allowance for credit losses on unfunded commitments	\$	114,594	\$ 162,451	\$	277,045
Retained earnings:					
Unallocated retained earnings, net of tax	\$	315,281,755	\$ (132,373)	\$	315,149,382

#### Loans

Loans are generally carried at their principal amount outstanding adjusted for charge-offs, deferred loan fees or costs, and valuation adjustments relating to hedging activities. Loan origination fees and direct loan origination costs are netted and capitalized and the net fee or cost is amortized over the average life of the related loan as an adjustment to interest income. Loan prepayment fees are reported in interest income. Interest on loans is accrued and credited to interest income based on the daily principal amount outstanding.

#### Nonaccrual Loans

Nonaccrual loans are loans for which there is reasonable doubt that all principal and interest will not be collected according to the original contractual terms and are generally considered substandard or doubtful, which is in accordance with the loan rating model, as described below. A loan is considered contractually past due when any principal repayment or interest payment required by the loan instrument is not received on or before the due date. A loan shall remain contractually past due until it is modified or until the entire amount past due, including principal, accrued interest, and penalty interest incurred as the result of past due status, is collected or otherwise discharged in full.

Consistent with prior practice, loans are generally placed in nonaccrual status when principal or interest is delinquent for 90 days (unless adequately secured and in the process of collection), circumstances indicate that collection of principal and interest is in doubt or legal action, including foreclosure or other forms of collateral conveyance, has been initiated to collect the outstanding principal and interest. At the time a loan is placed in nonaccrual status, accrued interest that is considered uncollectible is reversed (if accrued in the current year) or charged against the allowance for credit losses (if accrued in prior years). Loans are charged-off at the time they are determined to be uncollectible.

When loans are in nonaccrual status, interest payments received in cash are generally recognized as interest income if the collectability of the loan principal is fully expected and certain other criteria are met. Otherwise, payments received on nonaccrual loans are applied against the recorded investment in the loan asset. Nonaccrual loans are returned to accrual status if all contractual principal and interest is current, the borrower is fully expected to fulfill the contractual repayments terms and after remaining current as to principal and interest for a sustained period or have a recent repayment pattern demonstrating future repayment capacity to make on-time payments. If previously unrecognized interest income exists at the time the loan is transferred to accrual status, cash received at the time of or subsequent to the transfer should first be recorded as interest income until such time as the recorded balance equals the contractual indebtedness of the borrower.

#### Accrued interest receivable

The Association elected to continue classifying accrued interest on loans in accrued interest receivable and not as part of loans or investments on the Consolidated Balance Sheet. The Association also elected to not estimate an allowance on interest receivable balances because the nonaccrual policies in place provide for the accrual of interest to cease on a timely basis when all contractual amounts are not expected.

#### Loan Modifications to Borrowers Experiencing Financial Difficulty

Loan modifications may be granted to borrowers experiencing financial difficulty. Modifications can be in the form of one or a combination of principal forgiveness, interest rate reduction, other-than-insignificant payment delay or a term extension. Covenant waivers and modifications of contingent acceleration clauses are not considered term extensions.

#### Collateral dependent loans

Collateral dependent loans are loans secured by collateral, including but not limited to agricultural real estate, crop inventory, equipment and livestock. CECL requires the Association to measure the expected credit losses based on fair value of the collateral at the reporting date when the Association determines that foreclosure is probable. Additionally, CECL allows a fair value practical expedient as a measurement approach for loans when the repayment is expected to be provided substantially through the operation or

sale of the collateral when the borrower is experiencing financial difficulties. Under the practical expedient measurement approach, the expected credit losses is based on the difference between the fair value of the collateral less estimated costs to sell and the amortized cost basis of the loan.

#### Allowance for Credit Losses

Beginning January 1, 2023, the allowance for credit losses (ACL) represents the estimated current expected credit losses over the remaining contractual life of financial assets measured at amortized cost and certain off-balance sheet credit exposures. The ACL takes into consideration relevant information about past events, current conditions and reasonable and supportable macroeconomic forecasts of future conditions. The contractual term excludes expected extensions, renewals and modifications unless the extension or renewal options are not unconditionally cancellable. The ACL comprises:

- the allowance for credit losses on loans (ACLL)
- the allowance for unfunded commitments, which is presented on the balance sheet in other liabilities

Determining the appropriateness of the allowance is complex and requires judgment by management about the effect of matters that are inherently uncertain. Subsequent evaluations of the loan portfolio, considering macroeconomic conditions, forecasts and other factors prevailing at the time, may result in significant changes in the ACL in those future periods.

Methodology for Allowance for Credit Losses on Loans

The ACLL represents management's estimate of credit losses over the remaining expected life of loans. Loans are evaluated on the amortized cost basis, including premiums, and discounts.

The Association employs a disciplined process and methodology to establish its ACLL that has two basic components: first, an asset-specific component involving individual loans that do not share risk characteristics with other loans and the measurement of expected credit losses for such individual loans; and second, a pooled component for estimated expected credit losses for pools of loans that share similar risk characteristics.

Asset-specific loans are generally collateral-dependent loans (including those loans for which foreclosure is probable) and nonaccrual loans. For an asset-specific loan, expected credit losses are measured as the difference between the amortized cost basis in the loan and the present value of expected future cash flows discounted at the loan's effective interest rate except that, for collateral-dependent loans, credit loss is measured as the difference between the amortized cost basis in the loan and the fair value of the underlying collateral. The fair value of the collateral is adjusted for the estimated cost to sell if repayment or satisfaction of a loan is dependent on the sale (rather than only on the operation) of the collateral. In accordance with the institution's appraisal policy, the fair value of collateral-dependent loans is based upon independent third-party appraisals or on collateral valuations prepared by in-house appraisers. When an updated appraisal or collateral valuation is received, management reassesses the need for adjustments to the loan's expected credit loss measurements and, where appropriate, records an adjustment. If the calculated expected credit loss is determined to be permanent, fixed or non-recoverable, the credit loss portion of the loan will be charged off against the allowance for credit losses.

In estimating the component of the ACLL that share common risk characteristics, loans are evaluated collectively and segregated into loan pools considering the risk associated with the specific pool. Relevant risk characteristics include loan type, commodity, credit quality rating, delinquency category or business segment or a combination of these classes. The allowance is determined based on a quantitative calculation of the expected life-of-loan loss percentage for each loan category by considering the probability of default, based on the migration of loans from performing to loss by credit quality rating or delinquency buckets using historical life-of-loan analysis periods for loan types, and the severity of loss, based on the aggregate net lifetime losses incurred per loan pool.

The component of the ACLL also considers factors for each loan pool to adjust for differences between the historical period used to calculate historical default and loss severity rates and expected conditions over the remaining lives of the loans in the portfolio related to:

- lending policies and procedures;
- national, regional and local economic business conditions and developments that affect the collectability of the portfolio, including the condition of various markets;
- the nature of the loan portfolio, including the terms of the loans;
- the experience, ability and depth of the lending management and other relevant staff;
- the volume and severity of past due and adversely classified or graded loans and the volume of nonaccrual loans;
- the quality of the loan review and process;
- the value of underlying collateral for collateral-dependent loans;
- the existence and effect of any concentrations of credit and changes in the level of such concentrations; and
- the effect of external factors such as competition and legal and regulatory requirements on the level of estimated credit losses in the existing portfolio.

The Association uses multiple scenarios over reasonable and supportable forecast period of two years. Subsequent to the forecast period, the Association reverts to long run historical loss experience beyond the two years on a straight-line basis over a one-year reversion period to inform the estimate of losses for the remaining contractual life of the loan portfolio.

The economic forecasts incorporate macroeconomic variables, including unemployment rates, U.S. BBB Credit Spread, and Dow Jones Total Stock Market Index. Also considered are loan and borrower characteristics, such as internal risk ratings, delinquency status, collateral type, and the remaining term of the loan, adjusted for expected prepayments.

In addition to the quantitative calculation, the Association considers the imprecision inherent in the process and methodology, emerging risk assessments and other subjective factors, which may lead to a management adjustment to the modeled ACLL results. Expected credit loss estimates also include consideration of expected cash recoveries on loans previously charged-off or expected recoveries on collateral dependent loans where recovery is expected through sale of the collateral. The economic forecasts are updated on a quarterly basis.

Prior to January 1, 2023, the allowance for credit losses was maintained at a level considered adequate to provide for probable losses existing in and inherent in the loan portfolio. The allowance was based on a periodic evaluation of the loan portfolio in which numerous factors are considered, including economic conditions, collateral values, borrowers' financial conditions, loan portfolio composition and prior loan loss experience. The allowance for credit losses encompassed various judgments, evaluations and appraisals with respect to the loans and their underlying collateral that, by their nature, contain elements of uncertainty and imprecision. Changes in the agricultural economy and their impact on borrower repayment capacity would cause these various judgments, evaluations and appraisals to change over time. Management considered a number of factors in determining and supporting the levels of the allowances for credit losses, which include, but are not limited to, the concentration of lending in agriculture, combined with uncertainties associated with farmland values, commodity prices, exports, government assistance programs, regional economic effects and weather-related influences.

#### Allowance for Credit Losses on Unfunded Commitments

The Association evaluates the need for an allowance for credit losses on unfunded under CECL and, if required, an amount is recognized and included in other liabilities on the Consolidated Balance Sheet. The amount of expected losses is determined by calculating a commitment usage factor over the contractual period for exposures that are not unconditionally cancellable by the Association and applying the loss factors used in the ACLL methodology to the results of the usage calculation. No allowance for credit losses are recorded for commitments that are unconditionally cancellable.

#### NOTE 2 — LOANS AND ALLOWANCE FOR CREDIT LOSSES:

A summary of loans follows:

	June 30,	December 31,
	2023	2022
Loan Type	Amount	Amount
Production agriculture:		
Real estate mortgage	\$ 2,041,548,840	\$ 2,051,012,187
Production and		
intermediate-term	165,010,203	142,928,419
Agribusiness:		
Loans to cooperatives	17,885,846	14,324,718
Processing and marketing	148,246,562	152,485,459
Farm-related business	43,843,882	46,743,665
Communication	43,978,084	42,348,853
Energy	29,572,498	21,699,213
Water and wastewater	2,452,143	982,235
Rural residential real estate	8,383,107	7,940,684
International	8,679,425	8,398,116
Total	\$ 2,509,600,590	\$ 2,488,863,549

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, 2023:

	Other Farm Credit Institutions		Non-Farm Cred	lit Institutions	Total		
	Participations	Participations	Participations	Participations	Participations	Participations	
	Purchased	Sold	Purchased	Sold	Purchased	Sold	
Real estate mortgage	\$ 21,669,555	\$ 195,423,203	\$ 4,474,078	\$ -	\$ 26,143,633	\$ 195,423,203	
Production and intermediate-term	90,350,128	17,305,907	-	=	90,350,128	17,305,907	
Agribusiness	190,579,363	5,224,745	-	-	190,579,363	5,224,745	
Communication	43,978,084	-	-	=	43,978,084	-	
Energy	29,572,498	-	-	=	29,572,498	-	
Water and wastewater	2,452,143	-	-	-	2,452,143	-	
International	8,679,425			<u> </u>	8,679,425		
Total	\$ 387,281,196	\$ 217,953,855	\$ 4,474,078	\$ -	\$ 391,755,274	\$ 217,953,855	

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 \$19,087,717 and \$18,126,378 at June 30, 2023, and December 31, 2022, respectively.

#### Credit Quality

Credit risk arises from the potential inability of an obligor to meet its payment obligation and exists in our outstanding loans, letters of credit and unfunded loan commitments. The Association manages credit risk associated with the retail lending activities through an analysis of the credit risk profile of an individual borrower using its own set of underwriting standards and lending policies, approved by its board of directors, which provides direction to its loan officers. The retail credit risk management process begins with an analysis of the borrower's credit history, repayment capacity, financial position and collateral, which includes an analysis of credit scores for smaller loans. Repayment capacity focuses on the borrower's ability to repay the loan based on cash flows from operations or other sources of income, including off-farm income. Real estate mortgage loans must be secured by first liens on the real estate (collateral). As required by Farm Credit Administration regulations, each institution that makes loans on a secured basis must have collateral evaluation policies and procedures. Real estate mortgage loans may be made only in amounts up to 85% of the original appraised value of the property taken as security or up to 97% of the appraised value if guaranteed by a state, federal, or other governmental agency. The actual loan to appraised value when loans are made is generally lower than the statutory maximum percentage. Loans other than real estate mortgage may be made on a secured or unsecured basis.

The Association uses a two-dimensional risk rating model based on an internally generated combined System risk rating guidance that incorporates a 14-point probability of default rating scale to identify and track the probability of borrower default and a separate scale addressing loss given default. Probability of default is the probability that a borrower will experience a default during the life of the loan. The loss given default is management's estimate as to the anticipated principal loss on a specific loan assuming default occurs during the remaining life of the loan. A default is considered to have occurred if the lender believes the borrower will not be able to pay its obligation in full or the borrower or the loan is classified nonaccrual. This credit risk rating process incorporates objective and subjective criteria to identify inherent strengths, weaknesses and risks in a particular relationship. The Association reviews, at least on an annual basis, or when a credit action is taken the probability of default category.

Each of the probability of default categories carries a distinct percentage of default probability. The probability of default rate between one and nine of the acceptable categories is very narrow and would reflect almost no default to a minimal default percentage. The probability of default rate grows more rapidly as a loan moves from acceptable to other assets especially mentioned and grows significantly as a loan moves to a substandard level. These 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, or collateral pledged on the loan,
- Doubtful assets exhibit similar weaknesses to substandard assets; however, doubtful assets have additional weaknesses in existing facts, conditions and values that make collection in full highly questionable, and
- Loss assets are considered uncollectible.

The following table shows loans under the Farm Credit Administration Uniform Loan Classification System as a percentage of total loans by loan type:

Real estate mortgage	_	June 30, 2023	December 31, 2022
OAEM         0%         0%           Substandard/doubtful         0%         0%           Production and intermediate term         Acceptable         96%         100%           OAEM         9%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         4%         0%         0%           OAEM         100%         100%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%         0%           Substandard/doubtful         0%         0%         0%         0%           OAEM         0%         0%         0%         0%         0%           Substandard/doubtful         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%	Real estate mortgage		
Substandard/doubtful   100%	•		
Production and intermediate term   Acceptable   96%   100%   00%			
Production and intermediate term	Substandard/doubtful		
Acceptable	=	100%	100%
OAEM Substandard/doubtful         9% (9% of the count of the cou			
Substandard/doubtful   4%   100%			
100%   100%			
Loan to cooperatives	Substandard/doubtful		
Acceptable	=	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         0%           Processing and marketing         100%         96%           Acceptable         100%         96%           OAEM         0%         4%           Substandard/doubtful         100%         100%           Farm-related business         100%         100%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         100%         100%           OAEM         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Energy         Acceptable         99%         98%         98%           OAEM         0%         0			
Substandard/doubtful   0%   100%	_		
100%   100%   100%			*
Processing and marketing	Substandard/doubtful		
Acceptable   100%   96%   OAEM   0%   0%   0%   4%   100%   100%   100%   100%   100%   100%   100%   0AEM   0%   0%   0%   0%   0%   0%   0%   0	_	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         4%           100%         100%           Farm-related business         100%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         100%           OAEM         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Substandard/doubtful         19%         2%           OAEM         0%         0%           Substandard/doubtful         19%         0%           OAEM         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           International         Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0	= = = = = = = = = = = = = = = = = = = =		
Substandard/doubtful   100%   100%   100%   100%   100%   100%   100%   100%   100%   100%   00AEM   0 %	•		
Total loans			
Parm-related business	Substandard/doubtful		
Acceptable	<u>-</u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         0%           Communication         100%         100%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         100%         0%         0%         0%           CACEPTABLE         99%         98%         99%         98%         98%         99%         98%	Farm-related business		
Substandard/doubtful         0%         0%           Communication         100%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Energy         Acceptable         99%         98%           OAEM         0%         0%           Substandard/doubtful         1%         2%           OAEM         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Substandard/doubtful         0%         0%           Rural residential real estate         Acceptable         100%         100%           Acceptable         100%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%           OAEM         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Total loans         Acceptable         99%         99%           OAEM	Acceptable		
100%   100%   100%   100%   100%   100%   100%   0AEM   0 %   0 %   0 %   100	OAEM		
Communication	Substandard/doubtful		
Acceptable	<u>=</u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         0%           100%         100%           Energy         Acceptable         99%         98%           OAEM         0%         0%           Substandard/doubtful         1%         2%           Water and wastewater         100%         100%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%         0%           Substandard/doubtful         99%         99%           OAEM         0%         0%         0%           Substandard/doubtful         100%         0%         0%           OAEM         0%         0%         0%         0%	Communication		
Substandard/doubtful   0%   100%	Acceptable	100%	100%
Total loans	OAEM		
Energy	Substandard/doubtful	0%	0%
Acceptable   99%   98%   OAEM   0%   0%   0%   0%   0%   0%   0%   0	<u>=</u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         1%         2%           100%         100%           Water and wastewater         100%         100%           Acceptable         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           International         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         0%			
Substandard/doubtful         1%         2%           100%         100%           Water and wastewater         100%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           International         100%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Substandard/doubtful         10%         0%           Substandard/doubtful         1%         0%			
100%         100%           Water and wastewater         100%         100%           Acceptable         100%         0%           Substandard/doubtful         0%         0%           Rural residential real estate         4 cceptable         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           International         4 cceptable         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%         0%           Substandard/doubtful         1%         0%         0%           Substandard/doubtful         1%         1%         1%			*
Water and wastewater         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Rural residential real estate         0%         100%           Acceptable         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           International         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         10%         0%           Substandard/doubtful         1%         1%	Substandard/doubtful		2%
Acceptable         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Rural residential real estate         0%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           International         0%         0%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         0%           Substandard/doubtful         1%         1%	<u>=</u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         0%           Rural residential real estate         100%         100%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%           International         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         0%	Water and wastewater		
Substandard/doubtful         0%         0%           Rural residential real estate         100%         100%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         100%           International         4         0%         0%         0%           OAEM         0%         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         0%           Substandard/doubtful         1%         1%	Acceptable	100%	100%
100%         100%           Rural residential real estate         100%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         100%           International         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         0%		0%	0%
Rural residential real estate	Substandard/doubtful	0%	0%
Acceptable         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           International         100%         100%           Acceptable         100%         0%           OAEM         0%         0%           Substandard/doubtful         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	<u>-</u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         0%           100%         100%           International         100%         100%           Acceptable         100%         0%         0%           Substandard/doubtful         0%         0%         0%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	Rural residential real estate		
Substandard/doubtful         0%         0%           100%         100%           International         100%         100%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         100%           Total loans         Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	Acceptable	100%	
Total loans   Acceptable   Ac	OAEM	0%	0%
International	Substandard/doubtful	0%	0%
Acceptable         100%         100%           OAEM         0%         0%           Substandard/doubtful         0%         0%           100%         100%           Total loans         8         20%           Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	<u></u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         0%         0%           100%         100%         100%           Total loans         8         99%         99%           OAEM         0%         0%         0%           Substandard/doubtful         1%         1%	International		
Substandard/doubtful         0%         0%           100%         100%           Total loans         8           Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	Acceptable	100%	100%
Total loans         100%         100%           Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	OAEM	0%	0%
Total loans           Acceptable         99%         99%           OAEM         0%         0%           Substandard/doubtful         1%         1%	Substandard/doubtful	0%	0%
Acceptable       99%       99%         OAEM       0%       0%         Substandard/doubtful       1%       1%	<u>_</u>	100%	100%
OAEM         0%         0%           Substandard/doubtful         1%         1%	Total loans		
Substandard/doubtful 1% 1%	Acceptable	99%	99%
	OAEM	0%	0%
<b>100%</b> 100%	Substandard/doubtful		1%
	_	100%	100%

There were no loans and related interest in the loss category. A capital markets relationship was reclassified from processing and marketing loan type to production and intermediate-term loan type to align with classification established by the lead lender attributing to 4 percent increase in substandard/doubtful category within production and intermediate-term loan type at June 30, 2023.

Accrued interest receivable on loans of \$15,513,588 and \$12,614,518 at June 30, 2023, and December 31, 2022, have been excluded from the amortized cost of loans and reported separately in the Balance Sheet. The Association did not write off any accrued interest receivable for the three or six months ended June 30, 2023, and 2022.

The following table reflects nonperforming assets, which consist of nonaccrual loans, accruing loans 90 days or more delinquent, and other property owned and related credit quality statistics:

	June 30,	Dec	ember 31,
	2023		2022
Nonaccrual loans:			
Real estate mortgage	\$ 1,406,409	\$	1,461,521
Production and intermediate-term	6,794,323		32,878
Energy	278,356		334,090
Rural residential real estate	2,732		7,168
Total nonaccrual loans	8,481,820		1,835,657
Total nonperforming assets	\$ 8,481,820	\$	1,835,657
Nonaccrual loans as a percentage of total loans Nonperforming assets as a percentage of total	0.3%		0.1%
loans and other property owned	0.3%		0.1%
Nonperforming assets as a percentage of capital	1.9%		0.4%

The following table provides the amortized cost for nonaccrual loans with and without a related allowance for loan losses, as well as interest income recognized on nonaccrual during the period:

· ·	0 1	Ju	ne 30, 2023		Interest Income Recognized					
	Amortized	An	nortized		For the Three Months	For the Six Months Ended				
	Cost with	Co	st without		Ended June 30,	June 30,				
	Allowance	All	lowance	Total	2023	2023				
Nonaccrual loans:										
Real estate mortgage	\$ -	\$	1,406,409	\$1,406,409	\$ 13,354	\$ 29,550				
Production and intermediate-term	2,117,398		4,676,925	6,794,323	-	42,684				
Agribusiness	=		-	-	-	-				
Energy	278,356		-	278,356	-	-				
Rural residential real estate			2,732	2,732	1,440	2,880				
Total nonaccrual loans	\$ 2,395,754	\$	6,086,066	\$8,481,820	\$ 14,794	\$ 75,114				

The following tables provide an aging analysis of past due loans at amortized cost by portfolio segment as of:

June 30, 2023	30-89 Days <u>Past Due</u>	90 Days or More Past Due	Total Past Due	Not Past Due or Less Than 30 Days Past Due	Total Loans
Real estate mortgage	\$ 1,756,474	\$ 98,452	\$ 1,854,926	\$ 2,039,693,914	\$ 2,041,548,840
Production and intermediate term	153,774	-	153,774	164,856,429	165,010,203
Loans to cooperatives	-	-	-	17,885,846	17,885,846
Processing and marketing	-	-	_	148,246,562	148,246,562
Farm-related business	-	-	_	43,843,882	43,843,882
Communication	-	-	-	43,978,084	43,978,084
Energy	-	-	-	29,572,498	29,572,498
Water and was tewater	-	-	-	2,452,143	2,452,143
Rural residential real estate	-	-	_	8,383,107	8,383,107
International				8,679,425	8,679,425
Total	\$ 1,910,248	\$ 98,452	\$ 2,008,700	\$ 2,507,591,890	\$ 2,509,600,590

Prior to the adoption of CECL, the aging analysis of past due loans reported included accrued interest as follows:

	30-89	90 Days	Total	Not Past Due or Less Than 30	Tr. 4 - 1
	Days		or More Past		Total
December 31, 2022	Past Due	Past Due	Due	Due Days Past Due	
Real estate mortgage	\$ 508,353	\$ 315,940	\$ 824,293	\$ 2,060,256,735	\$ 2,061,081,028
Production and intermediate term	4,289	=	4,289	144,082,025	144,086,314
Loans to cooperatives	-	-	-	14,346,406	14,346,406
Processing and marketing	-	=	-	153,254,734	153,254,734
Farm-related business	-	-	-	46,931,645	46,931,645
Communication	-	-	-	42,473,341	42,473,341
Energy	-	=	-	21,871,080	21,871,080
Water and wastewater	-	-	-	981,441	981,441
Rural residential real estate	3,569	-	3,569	7,958,806	7,962,375
International				8,489,703	8,489,703
Total	\$ 516,211	\$ 315,940	\$ 832,151	\$ 2,500,645,916	\$ 2,501,478,067

A loan is considered collateral dependent when the borrower is experiencing financial difficulty and repayment is expected to be provided substantially through the operation or sale of the collateral. The collateral dependent loans are primarily real estate mortgage and rural residential real estate loans.

#### Allowance for Credit Losses

The credit risk rating methodology is a key component of the Association's allowance for credit losses evaluation, and is incorporated into the Association's loan underwriting standards and internal lending limits. In addition, borrower and commodity concentration lending and leasing limits have been established to manage credit exposure. The regulatory limit to a single borrower or lessee is 15% of the Association's lending and leasing limit base but the System Institution's boards of directors have generally established more restrictive lending limits. This limit applies to associations with long-term and short- and intermediate-term lending authorities.

Effective January 1, 2023, the System adopted the CECL accounting guidance as described in Note 1. A summary of changes in the allowance for credit losses by portfolio segment are as follows:

		Real Estate Mortgage		roduction and rmediate-Term	Aş	gribusiness	C	ommunications	E	energy		ter and stewater	Re	Rural sidential eal Estate	Inte	rnational		Total
Allowance for Credit Losses on Loans: Balance at March 31, 2023 Recoveries	\$	4,241,878	\$	125,341 1,337	\$	999,422 393		37,216	\$	113,538	\$	303		16,869	\$	7,259	\$	5,541,826 1,730
Provision for (reversal of) credit losses on loans		35,743		1,189,861		(522,569)		15,802		597		2,509		2,043		(562)		723,425
Balance at June 30, 2023	\$	4,277,621	\$	1,316,539	\$	477,246	\$	53,018	\$1	14,135	\$	2,813	\$	18,912	\$	6,697	\$	6,266,981
Balance at December 31, 2022* Cumulative effect of a change in accounting principle	\$	4,342,114 224,230	\$	385,628 (244,862)	\$	769,541 67,965	\$	83,506 (45,873)		130,241 (21,401)	\$	1,752 (1,429)	\$	17,835 1,217	\$	16,377 (9,925)	\$	5,746,994 (30,078)
Balance at January 1, 2023 Recoveries		4,566,344		140,766 2,674		837,506 1,170		37,633		108,840		323		19,052		6,452		5,716,916 3,844
Provision for (reversal of) credit losses on loans  Balance at June 30, 2023	•	(288,723) <b>4,277,621</b>	•	1,173,099 1,316,539	e e	(361,430) 477,246		15,385	£1	5,295 14,135	•	2,490 2,813	•	(140)	e	245 <b>6,697</b>	e.	546,221
Balance at June 30, 2023	\$	4,2//,021	3	1,310,539	Э	4//,240	3	53,018	31	14,135	3	2,813	3	18,912	Э	0,09/	3	6,266,981
Balance at March 31, 2022 Recoveries	\$	5,308,676	\$	437,941 6,066	\$	902,325 1,341	\$	116,625	\$	145,967	\$	4,038	\$	25,873	\$	23,712	\$	6,965,157 7,407
Provision for (reversal of) credit losses on loans Provision for (reversal of) credit losses on unfunded		(566,605)		(46,339)		(86,297)		(20,562)		(8,651)		(640)		(4,985)		(3,257)		(737,336)
commitments		-		(551)		3,888		(201)		4		-		-		-		3,140
Balance at June 30, 2022	\$	4,742,071	\$	397,117	\$	821,257	\$	95,862	\$	137,320	\$	3,398	\$	20,888	\$	20,455	\$	6,238,368
Balance at December 31, 2021 Recoveries	\$	5,552,628	\$	468,317 9,219	\$	970,569 1,341	\$	122,826	\$	151,869	\$	14,337	\$	29,682	\$	25,316	\$	7,335,544 10,560
Provision for (reversal of) credit losses on loans Provision for (reversal of) credit losses on unfunded		(810,599)		(95,894)		(167,052)		(27,119)		(14,540)		(10,939)		(8,794)		(4,834)		(1,139,771)
commitments		42		15,475		16,399		155		(9)		-		-		(27)		32,035
Balance at June 30, 2022	\$	4,742,071	\$	397,117	\$	821,257	\$	95,862	\$	137,320	\$	3,398	\$	20,888	\$	20,455	\$	6,238,368
Allowance for Unfunded Commitments: Balance at March 31, 2023	\$	30	\$	16,250	\$	122,098	\$	1,391	\$	1,096	\$	-	\$	-	\$	6,535	\$	147,400
Provision for (reversal of) credit losses on unfunded commitments		102		2,074		7,514		1,064		(98)		6,896				1,385		18,937
Balance at June 30, 2023	s		S		\$	129,612	2		S		s	6.896	\$		\$		\$	166,337
Datance at 6 tile 50, 2025	-	102	Ψ	10,524	Ψ	127,012	Ψ	2,133	Ψ	770	Ψ	0,070	Ψ		Ψ	7,720	Ψ	100,007
Balance at December 31, 2022*	\$	45	\$	26,375	\$	83,273	\$	935	\$	707	\$	-	\$	-	\$	3,259	\$	114,594
Cumulative effect of a change in accounting principle		2		(7,263)		163,127		1,090		692		-		-		4,803		162,451
Balance at January 1, 2023		47		19,112		246,400		2,025		1,399		-		-		8,062		277,045
Provision for (reversal of) credit losses on unfunded		85		(700)		(116 700)		420		(401)		6 906				(142)		(110.700)
commitments Balance at June 30, 2023	•	132	\$	(788) 18,324	·	(116,788) 129,612		2,455	\$	(401) 998	\$	6,896 <b>6,896</b>	\$		\$	7,920	\$	(110,708) 166,337
Datance at June 30, 2023		132		10,524	Ф	127,012		2,433	و			0,070	Φ		Φ	1,920	Φ	100,557

<sup>\*</sup> For periods prior to January 1, 2023, the allowance for credit losses was based on probable and estimable losses inherent in the loan portfolio.

The following table shows the amortized cost basis and financial effect for loan modifications granted to borrowers experiencing financial difficulty, disaggregated by loan type and type of modification granted, for the three and six months ended June 30, 2023:

	estate mortgage			
For the Three and Six Months Ended June 30, 2023	Amortiz	ed Cost Basis	% of Total Loans	Financial Effect of Loan Modification
Term or Payment Extension	\$	30,588	0%	Provided a portion of payment deferrals with delayed amounts primarily added to loan maturity and accelerated maturity by 56 months.
Total	\$	30,588		

There was no accrued interest receivable related to loan modifications granted to borrowers experiencing financial difficulty as of the three and six months ended June 30, 2023.

There were no loans to borrowers experiencing financial difficulty that received a modification on or after January 1, 2023, the date of adoption of the guidance "Financial Instruments – Credit Losses: Troubled Debt Restructurings and Vintage Disclosure," through June 30, 2023, and that defaulted in the period presented.

The following table sets forth an aging analysis of loans to borrowers experiencing financial difficulty that were modified on or after January 1, 2023, the date of the adoption of the guidance noted above, through June 30, 2023:

	Payment Sta	Payment Status of Loans Modified in the Past 12  Months								
	Current			0-89 Days Past Due		0 Days or ore Past Due				
Real estate mortgage	\$	-	\$	-	\$	30,588				
Total	\$	-	\$	_	\$	30,588				

There were no additional commitments to lend to borrowers experiencing financial difficulty whose loans have been modified as of June 30, 2023.

#### **Troubled Debt Restructurings**

Prior to January 1, 2023, the adoption of updated FASB guidance on loan modifications, a restructuring of a loan constituted a troubled debt restructuring, also known as formally restructured, if the creditor for economic or legal reasons related to the borrower's financial difficulties granted a concession to the borrower that it would not otherwise consider. Concessions varied by program and were borrower-specific and could include interest rate reductions, term extensions, payment deferrals or the acceptance of additional collateral in lieu of payments. In limited circumstances, principal may have been forgiven. When a restructured loan constituted a troubled debt restructuring, these loans were included within our impaired loans under nonaccrual or accruing restructured loans.

There were no loans with troubled debt restructuring designation that occurred during the three and six months ended June 30, 2022. As of June 30, 2022, the Association did not have any loans that met the criteria as a troubled debt restructuring and that occurred within the previous 12 months of that year for which there was a payment default.

The following table provides information on outstanding loans restructured in troubled debt restructurings:

	June 30, 2022									
		odified as Troubled Debt structurings	Troubled Debt Restructurings in Nonaccrual Status							
Real estate mortgage	\$	1,214,882	\$	1,102,333						
Total	\$	1,214,882	\$	1,102,333						

#### **NOTE 3 —LEASES:**

The components of lease expense were as follows:

	For the Three Months Ended				For the Six Months Ended			
	Jur	ne 30, 2023		June 30, 2022		June 30, 2023		June 30, 2022
Operating lease cost	\$	145,545	\$	149,876	\$	305,504	\$	304,156
Net lease cost	\$	145,545	\$	149,876	\$	305,504	\$	304,156

Other information related to leases was as follows:

	For the Three Months Ended					For the Six Months Ended			
	Jun	e 30, 2023		June 30, 2022	Jı	une 30, 2023		June 30, 2022	
Cash paid for amounts included in the measurement of lease liabilities:									
Operating cash flows from operating leases	<b>\$</b>	154,054	\$	145,929	\$	307,872	\$	295,115	

Lease term and discount rate are as follows:

	June 30, 2023	December 31, 2022
Weighted average remaining lease term in years		
Operating leases	2.3	2.4
Weighted average discount rate		
Operating leases	2.5%	2.4%

Future minimum lease payments under non-cancellable leases as of June 30, 2023, were as follows:

	C	Operating				
		Leases				
2023	\$	310,250				
2024		413,739				
2025		202,713				
2026		113,598				
Total	\$	1,040,300				

### **NOTE 4 — CAPITAL:**

The Association's Board 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 patronage, 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 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**

	Regulatory	As of
Risk-adjusted:	Minimums wih Buffer	June 30, 2023
Common equity tier 1 ratio	7.00%	15.02%
Tier 1 capital ratio	8.50%	15.02%
Total capital ratio	10.50%	15.24%
Permanent capital ratio	7.00%	15.05%
Non-risk-adjusted:		
Tier 1 leverage ratio	5.00%	15.22%
UREE leverage ratio	1.50%	14.99%

Risk-adjusted assets have been defined by FCA Regulations as the Statement of Condition assets and off-balance-sheet commitments adjusted by various percentages, depending on the level of risk inherent in the various types of assets. The primary changes which generally have the impact of increasing risk-adjusted assets (decreasing risk-based regulatory capital ratios) were as follows:

- Inclusion of off-balance-sheet commitments less than 14 months
- Increased risk-weighting of most loans 90 days past due or in nonaccrual status

Risk-adjusted assets is calculated differently for the permanent capital ratio (referred herein as PCR risk-adjusted assets) compared to the other risk-based capital ratios. The primary difference is the deduction of the allowance for credit losses from risk-adjusted assets for the permanent capital ratio.

The ratios are based on a three-month average daily balance in accordance with FCA regulations and are calculated as follows:

- Common equity tier 1 ratio is statutory minimum purchased borrower stock, other required borrower stock held for a minimum of 7 years, allocated equities held for a minimum of 7 years or not subject to revolvement, unallocated retained earnings, paid-in capital, less certain regulatory required deductions including the amount of allocated investments in other System institutions, and the amount of purchased investments in other System institutions under the corresponding deduction approach, divided by average risk-adjusted assets.
- Tier 1 capital ratio is common equity tier 1 plus non-cumulative perpetual preferred stock, divided by average risk-adjusted assets
- Total capital is tier 1 capital plus other required borrower stock held for a minimum of 5 years, allocated equities held for a minimum of 5 years, subordinated debt and limited-life preferred stock greater than 5 years to maturity at issuance subject to certain limitations, allowance and reserve for credit losses under certain limitations less certain investments in other System institutions under the corresponding deduction approach, divided by average risk-adjusted assets.
- Permanent capital ratio (PCR) is all at-risk borrower stock, any allocated excess stock, unallocated retained earnings, paid-in capital, subordinated debt and preferred subject to certain limitations, less certain allocated and purchased investments in other System institutions, divided by PCR risk-adjusted assets.
- Tier 1 leverage ratio is tier 1 capital, including regulatory deductions, divided by average assets less regulatory deductions subject to tier 1 capital.
- UREE leverage ratio is unallocated retained earnings, paid-in capital, allocated surplus not subject to revolvement less certain regulatory required deductions including the amount of allocated investments in other System institutions divided by average assets less regulatory deductions subject to tier 1 capital.

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

The components of the Association's risk-adjusted capital, based on 90 day average balances, were as follows at June 30, 2023:

Common						
equity		Tier 1		Total capital		Permanent
tier 1 ratio		capital ratio		ratio		capital ratio
\$ 263,597,576	\$	263,597,576	\$	263,597,576	\$	263,597,576
91,343,553		91,343,553		91,343,553		91,343,553
5,801,878		5,801,878		5,801,878		5,801,878
65,733,966		65,733,966		65,733,966		65,733,966
-		-		5,717,767		-
(40,636,404)		(40,636,404)		(40,636,404)		(40,636,404)
\$ 385,840,569	\$	385,840,569	\$	391,558,336	\$	385,840,569
\$ 2,610,170,434	\$	2,610,170,434	\$	2,610,170,434	\$	2,610,170,434
(40,636,404)		(40,636,404)		(40,636,404)		(40,636,404)
-		-		-		(5,567,275)
\$ 2,569,534,030	\$	2,569,534,030	\$	2,569,534,030	\$	2,563,966,755
\$	equity tier 1 ratio  \$ 263,597,576 91,343,553  5,801,878 65,733,966  - (40,636,404) \$ 385,840,569  \$ 2,610,170,434 (40,636,404) -	equity tier 1 ratio  \$ 263,597,576 \$ 91,343,553  5,801,878 65,733,966 (40,636,404) \$ 385,840,569 \$  \$ 2,610,170,434 \$ (40,636,404)	equity tier 1 ratio capital ratio  \$ 263,597,576 \$ 263,597,576 91,343,553 91,343,553  5,801,878 5,801,878 65,733,966 65,733,966 65,733,966 65,733,966  - (40,636,404) (40,636,404)  \$ 385,840,569 \$ 385,840,569  \$ 2,610,170,434 \$ 2,610,170,434 (40,636,404) - (40,636,404)	equity tier 1 capital ratio  \$ 263,597,576 \$ 263,597,576 \$ 91,343,553 \$ 91,343,553 \$ 91,343,553 \$   \$ 5,801,878 \$ 5,801,878 \$ 65,733,966 \$	equity tier 1 ratio         Tier 1 capital ratio         Total capital ratio           \$ 263,597,576 \$ 263,597,576 \$ 263,597,576 91,343,553         \$ 263,597,576 \$ 263,597,576 91,343,553         \$ 263,597,576 91,343,553           \$ 5,801,878 \$ 5,801,878 \$ 5,801,878 65,733,966 65,733,966 65,733,966 65,733,966 65,733,966 65,733,966 65,733,966 65,733,966 91,717,767         \$ 5,717,767           \$ (40,636,404) \$ (40,636,404) (40,636,404) \$ 385,840,569 \$ 385,840,569 \$ 391,558,336         \$ 2,610,170,434 \$ 2,610,170,434 \$ 2,610,170,434 (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404) (40,636,404)	equity tier 1 ratio         Tier 1 capital ratio         Total capital ratio           \$ 263,597,576 \$ 263,597,576 \$ 91,343,553         \$ 263,597,576 \$ 91,343,553         \$ 263,597,576 \$ 91,343,553           \$ 5,801,878 \$ 5,801,878 \$ 65,733,966 \$ 65,733,966 \$ 65,733,966 \$ 65,733,966 \$ 65,717,767         \$ 5,717,767           \$ (40,636,404) \$ (40,636,404) \$ (40,636,404) \$ 385,840,569 \$ 385,840,569 \$ 391,558,336 \$ \$         \$ 2,610,170,434 \$ 2,610,170,434 \$ 2,610,170,434 \$ (40,636,404) \$ (40,6

The components of the Association's non-risk-adjusted capital, based on 90 day average balances, were as follows at June 30, 2023:

	Tier 1 leverage ratio		UREE leverage ratio		
Numerator:					
Unallocated retained earnings	\$ 263,597,576	\$	263,597,576		
Paid-in capital	91,343,553		91,343,553		
Common Cooperative Equities:					
Statutory minimum purchased borrower stock	5,801,878		-		
Nonqualified allocated equities not subject to retirement	65,733,966		65,733,966		
Regulatory Adjustments and Deductions:					
Amount of allocated investments in other System institutions	(40,636,404)		(40,636,404)		
	\$ 385,840,569	\$	380,038,691		
Denominator:					
Total Assets	\$ 2,580,521,352	\$	2,580,521,352		
Regulatory Adjustments and Deductions:					
Regulatory deductions included in tier 1 capital	(45,020,938)		(45,020,938)		
·	\$ 2,535,500,414	\$	2,535,500,414		

	<b>June 30, 2023</b>		December 31, 2022			
Capital stock and participation certificates	\$	5,808,745	\$	5,816,750		
Additional paid-in-capital		91,343,553		91,343,553		
Accumulated other comprehensive income		168,524		181,784		
Retained earnings <sup>1</sup>		339,272,305		315,281,755		
Total Capital	\$	436,593,127	\$	412,623,842		

<sup>&</sup>lt;sup>1</sup> Retained earnings for the quarter ended June 30, 2023, reflects a decrease from the cumulative effect of a change in accounting principle for CECL on January 1, 2023.

The Association's accumulated other comprehensive (loss) income relates entirely to its nonpension other postretirement benefits. The following table summarizes the change in accumulated other comprehensive (loss) income for the six months ended June 30:

	2023	2022		
Accumulated other comprehensive income (loss) at January 1	\$ 181,784	\$ (954,347)		
Amortization of prior service credit included				
in salaries and employee benefits	(13,260)	(13,257)		
Amortization of actuarial loss included				
in salaries and employee benefits	-	28,911		
Other comprehensive (loss) income, net of tax	(13,260)	15,654		
Accumulated other comprehensive income (loss) at June 30	\$ 168,524	\$ (938,693)		

#### NOTE 5 — INCOME TAXES:

Lone Star, 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. Lone Star, ACA operates as a cooperative that qualifies for tax treatment under Subchapter T of the Internal Revenue Code. Accordingly, under specified conditions, Lone Star, ACA can exclude from taxable income amounts distributed as qualified patronage 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. 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.

As of June 30, 2023, the deferred income tax valuation allowance was \$10,423,559.

## 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 15 to the 2022 Annual Report to Stockholders for a more complete description.

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

<u>June 30, 2023</u>	Fair Val	Total Fair		
	Level 1	Level 2	Level 3	Value
Assets:				
Assets held in non-qualified benefits trusts	\$ 480,839	\$ -	\$ -	\$ 480,839
Total assets	\$ 480,839	<b>\$</b> -	\$ -	\$ 480,839
December 31, 2022	Fair Val	Total Fair		
	Level 1	Level 2	Level 3	Value
Assets:	Level 1	Level 2		
Assets: Assets held in non-qualified benefits trusts	Level 1 \$ 374,027	Level 2		
			Level 3	Value

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

June 30, 2023	Fair Val	Fair Value Measurement Using			
	Level 1	Level 2	Level 3	Value	
Assets:					
Loans	\$ -	\$ -	\$1,137,320	\$1,137,320	
December 31, 2022	Fair Value Measurement Using			Total Fair	
	Level 1	Level 2	Level 3	Value	
Assets:					
Loans	\$ -	\$ -	\$ 233,536	\$ 233,536	

#### Valuation Techniques

As more fully discussed in Note 2 to the 2022 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 2022 Annual Report to Stockholders.

#### Assets Held in Nonqualified Benefits Trusts

Assets held in trust funds related to deferred compensation and supplemental retirement plans are classified within Level 1. The trust funds include investments that are actively traded and have quoted net asset values that are observable in the marketplace.

#### Standby Letters of Credit

The fair value of letters of credit approximate the fees currently charged for similar agreements or the estimated cost to terminate or otherwise settle similar obligations.

#### Loans Evaluated for Impairment

For certain loans evaluated for impairment under 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 six months ended June 30:

	Other Benefits				
		2023	2022		
Service cost	\$	30,636	\$	41,305	
Interest cost		113,592		85,249	
Amortization of prior service credits		(13,260)		(13,257)	
Amortization of net actuarial loss				28,910	
Net periodic benefit cost	\$	130,968	\$	142,207	

The Association's liability for the unfunded accumulated obligation for these benefits at June 30, 2023, was \$4,509,759 and is included in other liabilities on the Consolidated 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 Consolidated Statements of Comprehensive Income. The Association previously disclosed in its financial statements for the year ended December 31, 2022, that it expects to contribute \$207,067 to the district's defined contribution plan (DC plan) in 2023.

The structure of the district's defined benefit retirement plan (DB plan), which is noncontributory and benefits are based on salary and years of service, 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 DB plan as an expense. The Association has contributed \$231,320 to fund the DB plan for 2023. As of June 30, 2023, the Association has expensed and recognized \$115,660.

#### 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.

#### NOTE 9 — SUBSEQUENT EVENTS:

The Association has evaluated subsequent events through August 9, 2023, which is the date the financial statements were issued or available to be issued, and did not note any subsequent events requiring disclosure as of August 9, 2023.