

LOUISIANA LAND BANK, ACA

2023 Quarterly Report Second Quarter



For the Quarter Ended June 30, 2023

REPORT OF MANAGEMENT

The consolidated financial statements of Louisiana Land Bank, ACA (Association) are prepared by management, who is responsible for the statements' integrity and objectivity, including amounts that must necessarily be based on judgments and estimates. The consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America appropriate in the circumstances. Other financial information included in the quarterly report is consistent with that in the consolidated financial statements and there are no significant changes in the Association's internal controls or in other factors that could significantly affect such controls during the year. The Association underwent a major software conversion in the second quarter of 2023. Management is assessing the legacy internal controls updating process as needed. It is expected that the new system will make the control structure stronger as it moves some controls from the detective to preventative level.

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.



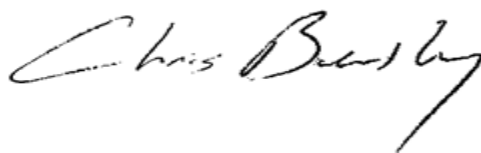
F. Stephen Austin, Chief Executive Officer

August 9, 2023



Cullen M. Kovac, Chairman, Board of Directors

August 9, 2023



Christopher E. Bentley, Chief Financial Officer

August 9, 2023

Second Quarter 2023 Financial Report

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LOUISIANA LAND BANK, ACA

MANAGEMENT’S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITIONS AND RESULTS OF OPERATIONS

The following commentary reviews the financial performance of the Louisiana Land Bank, ACA, referred to as the Association, for the quarter ended June 30, 2023. These comments should be read in conjunction with the accompanying financial statements and the 2022 Annual Report to Stockholders. Results for the interim period are not necessarily indicative of results to be expected for the year.

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

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

Significant Events

In March 2023, the Association’s Board of Directors (Board) paid a patronage of \$10,549,217 to the eligible stockholders from 2022 earnings. The patronage is in the form of a qualified patronage distribution.

Mr. Mark Morgan retired from the Board effective June 27, 2023. Mr. Morgan served on the Board for a decade and helped guide the Association during one of the most prosperous times the Association has enjoyed during 106+ years of operation. Mr. Morgan’s leadership helped the Association emerge from a stressed position of weakness a decade ago.

The Board named Mr. Cullen Kovac as the new Chairman effective July 25, 2023. Mr. Kovac had previously been serving as Vice-Chairman for the Board. Mr. Clark Canterbury was elected by stockholders on July 21, 2023, to fill the seat vacated by Mr. Morgan. Mrs. Gert Hawkins and Mr. Henry Capdeboscq won their elections on July 21, 2023. Mrs. Hawkins was named Vice Chairman by the Board effective July 25, 2023.

The Association converted lending, loan operations and accounting software June 19, 2023, along with two other Farm Credit Bank of Texas associations. This conversion has impacted nearly every aspect of the Association’s operations. Management is working through controls to ensure legacy controls are functioning or being updated to reflect new processes. It is estimated that several legacy controls will be moved from detective level controls to preventive level controls with the new software.

Association management and employees continue to work through conversion related impacts with help from the Farm Credit Bank of Texas. Nine Farm Credit Bank of Texas associations are now fully converted to the new platforms. These nine associations represent 74% of total district association loan volume.

The Association is a participant in a participation loan that has another Farm Credit System entity as the lead lender. The lead lender incorrectly processed a payment for the loan that reduced the Association’s share of the non-accrual balance by \$131,189. The lead bank has fixed this error as of July and reporting on a go-forward basis will reflect the corrected balance.

Conditions in the Association’s Chartered Territory

The Association continues to fulfill its mission to support agriculture and rural communities by providing access to reliable and consistent credit during above normal financial and macroeconomic volatility driven by atypical factors such as a continuously inverted yield curve and persistently high inflation. Federal Reserve officials continue to battle inflation by continuing to tighten monetary policy. Despite these turbulent times, credit quality at the Association has remained strong. Volatility in credit risk ratings is likely to be a concern soon due to cost inflation, the relatively high cost of debt and an underlying recession risk.

The Consumer Price Index for All Urban Consumers increased by 3.0% for the 12-month period ending June 2023, above the long-term target of approximately 2.0%. However, recent inflation rates represent significant declines from the four-decade high of 9.1% reached in June 2022. The Federal Open Market Committee (FOMC) raised the Federal funds rate to a target range of 5.25 – 5.50% in July 2023. The 25- basis point increase in July led 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% 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%, down from 2.6% during the fourth quarter of 2022, but up from -1.6% 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% in 2023 and 1.1% in 2024.

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.

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% from last year, and revised up by about 2.0% 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% from last year. All wheat planted area is estimated at 49.6 million acres, up about 8.5% from 2022. All cotton planted area was estimated at 11.1 million acres, down about 19.4% 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%), soybeans (-14.8%), wheat (-13.0%), and cotton (-6.1%) 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% year-over-year in 2023 and by 1.5% in 2024 after rising nearly 37.0% in 2022. USDA projects that average steer prices (5-Area, Direct) will increase year-over-year by about 18.9% in 2023, while prices for broilers and barrows/gilts are projected to decline by about 7.4% and 20.4%, respectively. Random length lumber futures prices (front-month) declined by about 14.6% year-over-year as of June 2023; however, on a month-over-month basis, prices rose by nearly 12.8% 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, and adverse weather conditions.

Loan Portfolio

Total loans outstanding on June 30, 2023, including nonaccrual loans and sales contracts, were \$1,018,906,163 compared to \$1,025,074,093 at December 31, 2022, reflecting a decrease of 0.6 percent. Nonaccrual loans as a percentage of total loans outstanding were 0.7 percent on June 30, 2023, compared to 0.6 percent on December 31, 2022.

The Association did not record any recoveries or charge-offs for the quarter ended June 30, 2023. The Association recorded \$12,997 in recoveries and \$55,836 in charge-offs for the same period in 2022. The Association's allowance for credit losses on loans was 0.3 percent and 0.6 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. The following table illustrates the Association's components and trends of high-risk assets.

	High-Risk Assets			
	June 30, 2023		December 31, 2022	
	Amount	%	Amount	%
Nonaccrual	\$ 6,714,959	98.7%	\$ 6,546,869	77.3%
90 days past due and still accruing interest	87,957	1.3%	-	0.0%
Formally restructured	-	0.0%	1,924,395	22.7%
Total	\$ 6,802,916	100.0%	\$ 8,471,264	100.0%

Results of Operations

The Association had net income of \$9,574,612 for the six months ended June 30, 2023, as compared to net income of \$8,871,301 for the same period in 2022, reflecting an increase of 7.9 percent. Net interest income was \$14,151,566 for the six months ended June 30, 2023, compared to \$13,428,293 for the same period in 2022.

	Six Months Ended			
	June 30, 2023		June 30, 2022	
	Average Balance	Interest	Average Balance	Interest
Loans	\$ 1,017,087,000	\$ 26,561,875	\$ 1,014,213,664	\$ 22,084,698
Interest-bearing liabilities	847,890,298	12,410,309	852,270,400	8,656,405
Impact of capital	<u>\$ 169,196,702</u>		<u>\$ 161,943,264</u>	
Net interest income		<u>\$ 14,151,566</u>		<u>\$ 13,428,293</u>
	2023		2022	
	Average Yield		Average Yield	
Yield on loans	5.27%		4.39%	
Cost of interest-bearing liabilities	2.95%		2.05%	
Interest rate spread	2.32%		2.34%	
Net interest income as a percentage of average earning assets	2.81%		2.67%	

	Six months ended: June 30, 2023 vs. June 30, 2022		
	Increase (decrease) due to		
	Volume	Rate	Total
Interest income - loans	\$ 62,806	\$ 4,414,371	\$ 4,477,177
Interest expense	(44,377)	3,798,281	3,753,904
Net interest income	<u>\$ 107,183</u>	<u>\$ 616,090</u>	<u>\$ 723,273</u>

Interest income for the three and six months ended June 30, 2023, increased by \$2,178,193 and \$4,477,177, or 19.3 percent and 20.3 percent respectively, from the same period of 2022, primarily due to increases in yields on earning assets and an increase in average loan volume. Interest expense for the three and six months ended June 30, 2023, increased by \$1,893,443 and \$3,753,904, or 41.7 percent and 43.4 percent respectively, from the same period of 2022 due to an increase in interest rates offset by a decrease in average loan volume. Average loan volume for the six months ended June 30, 2023, was \$1,017,087,000, compared to \$1,014,213,664 in the same period of 2022. The average net interest rate spread on the loan portfolio was 2.3 percent for the six months ended June 30, 2023, and 2022, respectively.

The Association's return on average assets for the six months ended June 30, 2023, was 1.8 percent compared to 1.7 percent for the same period in 2022. The Association's return on average equity was 10.3 percent for the six months ended June 30, 2023, and 2022, respectively.

The interest rate environment has significantly slowed down loan demand during the quarter. Management expects decreased loan demand as interest rates continue to increase. Management will continue to monitor loan volume and the interest rate environment.

The Association accrues for direct note patronage activity to be received from the District Bank. This balance causes the variance in Other Receivable from the Farm Credit Bank of Texas. This activity impacts the income statement as well. Management carefully monitors the direct note patronage activity. The Association's direct note's volume adjusts as net loan volume fluctuates. Management expects funding levels, as a percentage, to remain the same for the foreseeable future.

Other Assets increased due to prepaid activity for 2023. The Patronage Distribution Payable account was reduced in 2023 at the time of payment causing the variance on the balance sheet. Drafts outstanding variance is due to a loan proceeds checks outstanding at quarter end. The variance for other liabilities would be the outstanding patronage checks.

With the adoption of Current Expected Credit Losses (CECL), management expects more frequent adjustments in provision expense quarter to quarter going forward. Please note that CECL required a significant downward adjustment to the Association's allowance

balance. Management moved that balance to capital. Details of this activity are presented in Note 1 of the Notes to the Consolidated Financial statements.

Other noninterest income is impacted by adjustments received from the Association’s Farm Credit Captive Insurance group. From time to time, the Association will have other income. Management considers this income to be a one-time occurrence.

The Association’s FCSIC insurance expense has increased due to premium increases that are required for funding levels. Management and the Board have no control over this expense. Management expects funding levels to remain elevated due to the recent growth of loan volume in the Farm Credit System. The premium’s maximum allowable amount is 20 basis points. Currently, the rate is at 18 basis points.

As Covid has receded, the Association’s travel expense is increasing from Covid levels. This is primarily due to training for a new loan software platform that was implemented during the second quarter of this year. Advertising and Public and Member Relations expense has increased since the Association has geared back up with these activities since the Covid slowdown.

Liquidity and Funding Sources

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

	June 30, 2023	December 31, 2022
Note payable to the Bank	\$ 850,972,802	\$ 860,008,054
Accrued interest on note payable	2,184,011	2,017,795
Total	<u>\$ 853,156,813</u>	<u>\$ 862,025,849</u>

The Association operates under a general financing agreement (GFA) with the Bank. The current GFA is effective through September 30, 2023. The primary source of liquidity and funding for the Association is a direct loan from the Bank. The outstanding balance of \$850,972,802 as of June 30, 2023, is recorded as a liability on the Association’s Consolidated Balance Sheets. The note carried a weighted average interest rate of 3.12 percent on 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. The decrease in note payable to the Bank since December 31, 2022, is due to the Association’s decrease in loan volume. The Association’s own funds, which represent the amount of the Association’s loan portfolio funded by the Association’s equity, were \$167,379,211 on June 30, 2023. The maximum amount the Association may borrow from the Bank as of June 30, 2023, was \$1,025,000,000 as defined by the general financing agreement. The indebtedness continues in effect until the expiration date of the general financing agreement, which is September 30, 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. The Board has reviewed and approved an Amended and Restated GFA that will be executed by the Association CEO prior to the end of the third quarter of 2023.

Capital Resources

The Association’s capital position increased by \$12,763,802 on June 30, 2023, compared to December 31, 2022. The Association’s debt to members’ equity ratio was 4.46:1 as of June 30, 2023, compared to 4.88:1 as of December 31, 2022.

Farm Credit Administration regulations require the Association to maintain minimums for various regulatory capital ratios. New regulations became effective January 1, 2017, which replaced the previously required core surplus and total surplus ratios with common equity tier 1, tier 1 capital, and total capital risk-based capital ratios. The new regulations also added tier 1 leverage and unallocated retained earnings and equivalents (UREE) ratios. The permanent capital ratio continues to remain in effect, with some modifications to align with the new regulations. As of June 30, 2023, the Association exceeded all regulatory capital requirements.

Significant Recent Accounting Pronouncements

Refer to Note 1 – “Organization 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 Farm Credit Bank of Texas

The Association’s financial condition may be impacted by factors that affect the Bank. The financial condition and results of operations of the Bank may materially affect the stockholder’s investment in the Association. The Management’s Discussion and Analysis and Notes to the Consolidated Financial Statements contained in the 2022 Annual Report of Louisiana Land Bank, ACA more fully describe the Association’s relationship with the Bank.

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

The Association's quarterly stockholder reports are also available free of charge, upon request. These reports can be obtained by writing to Louisiana Land Bank, ACA, 2413 Tower Drive, Monroe, LA, 71201 or calling 318-387-7535. The annual and quarterly stockholder reports for the Association are also available on its website at www.louisianalandbank.com. Copies of the Association's quarterly stockholder reports can also be requested by e-mailing alyssa.allen@louisianalandbank.com.

LOUISIANA LAND BANK, ACA
CONSOLIDATED BALANCE SHEETS

	June 30, 2023 (unaudited)	December 31, 2022
<u>ASSETS</u>		
Cash	\$ 23,715	\$ 93,953
Loans	1,018,906,163	1,025,074,093
Less: allowance for credit losses on loans	3,330,695	6,444,281
Net loans	1,015,575,468	1,018,629,812
Accrued interest receivable	10,990,545	10,678,059
Investment in and receivable from the Farm Credit Bank of Texas:		
Capital stock	17,158,580	17,158,580
Other	3,218,065	8,208,432
Premises and equipment, net	4,081,016	4,106,206
Other assets	1,234,004	972,355
Total assets	<u>\$ 1,052,281,393</u>	<u>\$ 1,059,847,397</u>
<u>LIABILITIES</u>		
Note payable to the Farm Credit Bank of Texas	\$ 850,972,802	\$ 860,008,054
Accrued interest payable	2,184,011	2,017,795
Drafts outstanding	-	28,835
Patronage distributions payable	702	10,588,753
Other liabilities	6,260,667	7,104,551
Total liabilities	<u>859,418,182</u>	<u>879,747,988</u>
<u>MEMBERS' EQUITY</u>		
Capital stock and participation certificates	2,945,165	2,948,335
Unallocated retained earnings	189,716,661	176,934,599
Accumulated other comprehensive income	201,385	216,475
Total members' equity	<u>192,863,211</u>	<u>180,099,409</u>
Total liabilities and members' equity	<u>\$ 1,052,281,393</u>	<u>\$ 1,059,847,397</u>

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

LOUISIANA LAND BANK, ACA

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

(unaudited)

	Quarter Ended		Six Months Ended	
	June 30,		June 30,	
	2023	2022	2023	2022
<u>INTEREST INCOME</u>				
Loans	\$ 13,444,800	\$ 11,266,607	\$ 26,561,875	\$ 22,084,698
<u>INTEREST EXPENSE</u>				
Note payable to the Farm Credit Bank of Texas	6,430,392	4,536,949	12,410,309	8,656,405
Net interest income	7,014,408	6,729,658	14,151,566	13,428,293
<u>(REVERSAL OF)</u>				
<u>PROVISION FOR CREDIT LOSSES</u>				
Net interest income after provision for credit losses	(324,447)	204,869	(115,839)	241,614
	7,338,855	6,524,789	14,267,405	13,186,679
<u>NONINTEREST INCOME</u>				
Income from the Farm Credit Bank of Texas:				
Patronage income	1,583,312	1,482,018	3,160,937	2,940,809
Loan fees	41,927	107,733	156,230	213,994
Financially related services income	437	395	789	754
Other noninterest income	11,250	61,970	65,252	154,207
Total noninterest income	1,636,926	1,652,116	3,383,208	3,309,764
<u>NONINTEREST EXPENSES</u>				
Salaries and employee benefits	2,444,890	2,376,968	4,889,575	4,767,409
Directors' expense	106,526	90,402	202,062	176,578
Purchased services	115,606	106,200	239,715	234,169
Travel	155,372	135,185	315,386	250,119
Occupancy and equipment	209,352	198,935	378,249	365,519
Communications	52,058	58,595	104,892	111,116
Advertising	137,862	109,653	253,689	203,674
Public and member relations	98,311	95,063	263,681	231,780
Supervisory and exam expense	195,977	181,652	414,261	409,569
Insurance Fund premiums	377,538	522,400	789,364	873,292
Other components of net periodic postretirement benefit cost	33,148	43,427	66,296	86,855
Loss (gain) on sale of premises and equipment, net	-	-	711	(217,116)
Other noninterest expense	82,592	67,691	157,827	131,732
Total noninterest expenses	4,009,232	3,986,171	8,075,708	7,624,696
Income before income taxes	4,966,549	4,190,734	9,574,905	8,871,747
Provision for income taxes	7,574	1,131	293	446
NET INCOME	4,958,975	4,189,603	9,574,612	8,871,301
Other comprehensive (loss) income, net of tax	(7,545)	11,190	(15,090)	22,380
COMPREHENSIVE INCOME	\$ 4,951,430	\$ 4,200,793	\$ 9,559,522	\$ 8,893,681

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

LOUISIANA LAND BANK, ACA

CONSOLIDATED STATEMENT OF CHANGES IN MEMBERS' EQUITY

(unaudited)

	<u>Capital Stock/ Participation Certificates</u>	<u>Unallocated Retained Earnings</u>	<u>Accumulated Other Comprehensive Income (Loss)</u>	<u>Total Members' Equity</u>
Balance at December 31, 2021	\$ 2,978,915	\$ 167,967,448	\$ (886,529)	\$ 170,059,834
Comprehensive income	-	8,871,301	22,380	8,893,681
Capital stock/participation certificates and allocated retained earnings issued	191,115	-	-	191,115
Capital stock/participation certificates and allocated retained earnings retired	(189,250)	-	-	(189,250)
Patronage refunds:				
Change in patronage declared and paid	-	(59,356)	-	(59,356)
Balance at June 30, 2022	<u>\$ 2,980,780</u>	<u>\$ 176,779,393</u>	<u>\$ (864,149)</u>	<u>\$ 178,896,024</u>
Balance at December 31, 2022	\$ 2,948,335	\$ 176,934,599	\$ 216,475	\$ 180,099,409
Cumulative effect of change in accounting principle (Note 1)	-	3,168,989	-	3,168,989
Balance at January 1, 2023	\$ 2,948,335	\$ 180,103,588	\$ 216,475	\$ 183,268,398
Comprehensive income	-	9,574,612	(15,090)	9,559,522
Capital stock/participation certificates and allocated retained earnings issued	149,585	-	-	149,585
Capital stock/participation certificates and allocated retained earnings retired	(152,755)	-	-	(152,755)
Patronage refunds:				
Change in patronage declared and paid	-	38,461	-	38,461
Balance at June 30, 2023	<u>\$ 2,945,165</u>	<u>\$ 189,716,661</u>	<u>\$ 201,385</u>	<u>\$ 192,863,211</u>

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

LOUISIANA LAND BANK, ACA
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
Unaudited

NOTE 1 — ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES:

The Louisiana Land Bank, ACA (Agricultural Credit Association), referred to as the Association, is a member-owned cooperative that provides credit and credit-related services to or for the benefit of eligible borrowers/stockholders for qualified agricultural purposes. The Association serves the parishes of Acadia, Allen, Ascension, Assumption, Avoyelles, Beauregard, Bienville, Bossier, Caddo, Calcasieu, Caldwell, Cameron, Catahoula, Claiborne, Concordia, DeSoto, East Baton Rouge, East Carroll, East Feliciana, Evangeline, Franklin, Grant, Iberia, Iberville, Jackson, Jefferson, Jefferson Davis, Lafayette, Lafourche, LaSalle, Lincoln, Livingston, Madison, Morehouse, Natchitoches, Orleans, Ouachita, Plaquemines, Pointe Coupee, Rapides, Red River, Richland, Sabine, St. Bernard, St. Charles, St. Helena, St. James, St. John the Baptist, St. Landry, St. Martin, St. Mary, St. Tammany, Tangipahoa, Tensas, Terrebonne, Union, Vermillion, Vernon, Washington, Webster, West Baton Rouge, West Carroll, West Feliciana, and Winn in the state of Louisiana. The Association is a lending association of the Farm Credit System (the System), which was established by Acts of Congress to meet the needs of American agriculture.

The accompanying unaudited financial statements have been prepared in accordance with accounting principles generally accepted in the U.S. (GAAP) for interim financial information. Accordingly, they do not include all of the disclosures required by GAAP for annual financial statements and should be read in conjunction with the audited financial statements as of and for the year ended December 31, 2022, as contained in the 2022 Annual Report to Stockholders.

In the opinion of management, the unaudited financial information is complete and reflects all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of results for the interim periods. 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.

Recently Adopted Accounting Pronouncements

The Association adopted 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. In addition, the guidance amends existing impairment guidance for held-to-maturity and available-for-sale investments to incorporate an allowance for credit losses related to these securities, which will allow for the reversal of credit impairments in the event that the credit of an issuer improves.

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 update also requires disclosure of current period gross write-offs by year of origination for financing receivables and net investments in leases.

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

	December 31, 2022	CECL adoption impact	January 1, 2023
Assets:			
Allowance for credit losses on loans	\$ 6,444,281	\$ (3,021,805)	\$ 3,422,476
Liabilities:			
Allowance for credit losses on unfunded commitments	175,716	(147,184)	28,532
Retained earnings:			
Unallocated retained earnings, net of tax	\$ 176,934,599	\$ 3,168,989	\$ 180,103,588

Loans and Allowance for Credit Losses

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 and investment securities in accrued interest receivable and not as part of loans or investments on the Consolidated Balance Statements. 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 loss 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 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, and

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 an amortized cost basis, including premiums, discounts and fair value hedge accounting adjustments.

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 Association'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;
- Nature of the loan portfolio, including the terms of the loans;
- Experience, ability and depth of the lending management and other relevant staff;
- Volume and severity of past due and adversely classified or graded loans and the volume of nonaccrual loans;
- Quality of the loan review and process;
- Value of underlying collateral for collateral-dependent loans;
- Existence and effect of any concentrations of credit and changes in the level of such concentrations; and
- 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 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, real gross domestic product levels and corporate bond spreads, as well as net farm income and agricultural commodity prices. 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 commitments under CECL and, if required, an amount is recognized and included in other liabilities on the Consolidated Balance Sheets. 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 institution 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:

Loan Type	June 30, 2023	December 31, 2022
Real estate mortgage	\$ 861,405,652	\$ 868,624,419
Production and intermediate-term	75,755,023	67,652,607
Processing and marketing	44,460,243	51,089,754
Farm-related business	15,355,045	16,482,183
Communication	11,391,835	11,237,147
Rural residential real estate	7,536,620	7,757,884
International	1,826,728	977,113
Loans to cooperatives	609,498	627,997
Energy	565,519	624,989
Total	\$ 1,018,906,163	\$ 1,025,074,093

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 on June 30, 2023:

	Other Farm Credit Institutions		Non-Farm Credit Institutions		Total	
	Participations Purchased	Participations Sold	Participations Purchased	Participations Sold	Participations Purchased	Participations Sold
	Real estate mortgage	\$ 43,014,638	\$ 16,513,167	\$ -	\$ -	\$ 43,014,638
Agribusiness	19,733,338	107,822,126	-	12,005,321	19,733,338	119,827,447
Communication	11,391,835	-	-	-	11,391,835	-
Production and intermediate-term	2,146,474	4,135,697	-	-	2,146,474	4,135,697
International	1,826,728	-	-	-	1,826,728	-
Energy	565,519	-	-	-	565,519	-
Total	\$ 78,678,532	\$ 128,470,990	\$ -	\$ 12,005,321	\$ 78,678,532	\$ 140,476,311

Credit Quality

Credit risk arises from the potential inability of an obligor to meet its payment obligation and exists in the Association's 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, institution that make 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 percent of the original appraised value of the property taken as security or up to 97 percent 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 tracks 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 (viable) level. A substandard (non-viable) rating indicates that the probability of default is almost certain. 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 presents credit quality indicators by loan type and the related principal balance:

	Term Loans Amortized Cost by Origination Year				Revolving Loans Amortized Cost	
	2023	2022	2021	Prior	Basis	Total
Real estate mortgage						
Acceptable	\$ 36,656,967	\$ 140,927,113	\$ 188,817,455	\$ 484,105,205	\$ 698,354	\$ 851,205,094
OAEM	-	-	-	3,805,591	-	3,805,591
Substandard/Doubtful	-	-	-	6,394,967	-	6,394,967
	<u>\$ 36,656,967</u>	<u>\$ 140,927,113</u>	<u>\$ 188,817,455</u>	<u>\$ 494,305,763</u>	<u>\$ 698,354</u>	<u>\$ 861,405,652</u>
Production and intermediate-term						
Acceptable	\$ 5,398,688	\$ 9,243,880	\$ 7,405,204	\$ 7,761,492	\$ 45,183,314	\$ 74,992,578
OAEM	-	-	-	437	-	437
Substandard/Doubtful	-	-	-	762,008	-	762,008
	<u>\$ 5,398,688</u>	<u>\$ 9,243,880</u>	<u>\$ 7,405,204</u>	<u>\$ 8,523,937</u>	<u>\$ 45,183,314</u>	<u>\$ 75,755,023</u>
Agribusiness						
Acceptable	\$ 3,576,068	\$ 8,418,736	\$ 8,925,468	\$ 32,481,717	\$ 7,022,797	\$ 60,424,786
OAEM	-	-	-	-	-	-
Substandard/Doubtful	-	-	-	-	-	-
	<u>\$ 3,576,068</u>	<u>\$ 8,418,736</u>	<u>\$ 8,925,468</u>	<u>\$ 32,481,717</u>	<u>\$ 7,022,797</u>	<u>\$ 60,424,786</u>
Communications						
Acceptable	\$ 2,258,924	\$ -	\$ -	\$ 8,463,705	\$ 669,206	\$ 11,391,835
OAEM	-	-	-	-	-	-
Substandard/Doubtful	-	-	-	-	-	-
	<u>\$ 2,258,924</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 8,463,705</u>	<u>\$ 669,206</u>	<u>\$ 11,391,835</u>
Rural residential real estate						
Acceptable	\$ 434,086	\$ 1,839,706	\$ 1,629,448	\$ 3,525,300	\$ -	\$ 7,428,540
OAEM	-	-	-	-	-	-
Substandard/Doubtful	-	-	-	108,080	-	108,080
	<u>\$ 434,086</u>	<u>\$ 1,839,706</u>	<u>\$ 1,629,448</u>	<u>\$ 3,633,380</u>	<u>\$ -</u>	<u>\$ 7,536,620</u>
International						
Acceptable	\$ -	\$ 1,826,728	\$ -	\$ -	\$ -	\$ 1,826,728
OAEM	-	-	-	-	-	-
Substandard/Doubtful	-	-	-	-	-	-
	<u>\$ -</u>	<u>\$ 1,826,728</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 1,826,728</u>
Energy						
Acceptable	\$ -	\$ -	\$ -	\$ 472,734	\$ -	\$ 472,734
OAEM	-	-	-	-	-	-
Substandard/Doubtful	-	-	-	92,785	-	92,785
	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 565,519</u>	<u>\$ -</u>	<u>\$ 565,519</u>
Total Loans						
Acceptable	\$ 48,324,733	\$ 162,256,163	\$ 206,777,575	\$ 536,810,153	\$ 53,573,671	\$ 1,007,742,295
OAEM	-	-	-	3,806,028	-	3,806,028
Substandard/Doubtful	-	-	-	7,357,840	-	7,357,840
	<u>\$ 48,324,733</u>	<u>\$ 162,256,163</u>	<u>\$ 206,777,575</u>	<u>\$ 547,974,021</u>	<u>\$ 53,573,671</u>	<u>\$ 1,018,906,163</u>

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

	June 30, 2023	December 31, 2022
Real estate mortgage		
Acceptable	98.8 %	98.7 %
OAEM	0.5	0.5
Substandard/doubtful	0.7	0.8
	100.0	100.0
Production and intermediate-term		
Acceptable	99.0	100.0
OAEM	-	-
Substandard/doubtful	1.0	-
	100.0	100.0
Agribusiness		
Acceptable	100.0	98.7
OAEM	-	-
Substandard/doubtful	-	1.3
	100.0	100.0
Communication		
Acceptable	100.0	100.0
OAEM	-	-
Substandard/doubtful	-	-
	100.0	100.0
Rural residential real estate		
Acceptable	98.6	97.0
OAEM	-	-
Substandard/doubtful	1.4	3.0
	100.0	100.0
International		
Acceptable	100.0	100.0
OAEM	-	-
Substandard/doubtful	-	-
	100.0	100.0
Energy		
Acceptable	83.6	82.2
OAEM	-	-
Substandard/doubtful	16.4	17.8
	100.0	100.0
Total loans		
Acceptable	98.9	98.7
OAEM	0.4	0.5
Substandard/doubtful	0.7	0.8
	100.0 %	100.0 %

Accrued interest receivable on loans of \$10,990,545 and \$10,678,059 on June 30, 2023, and December 31, 2022, have been excluded from the amortized cost of loans and reported separately in the Consolidated Balance Sheets.

The following table reflects nonperforming assets, which consist of nonaccrual loans and other property owned and related credit quality statistics:

	June 30, 2023	December 31, 2022
Nonaccrual loans:		
Real estate mortgage	\$ 5,853,295	\$ 6,404,652
Production and intermediate-term	762,008	21,882
Energy	92,785	111,363
Rural residential real estate	6,871	8,972
Total nonaccrual loans	<u>\$ 6,714,959</u>	<u>\$ 6,546,869</u>
Accruing loans 90 days or more past due:		
Real estate mortgage	\$ 87,957	\$ -
Total accruing loans 90 days or more past due	<u>\$ 87,957</u>	<u>\$ -</u>
Total nonperforming assets	<u>\$ 6,802,916</u>	<u>\$ 6,546,869</u>
Nonaccrual loans as a percentage of total loans	0.66%	0.64%
Nonperforming assets as a percentage of capital	3.55%	3.64%

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

	June 30, 2023			Interest Income Recognized	
	Amortized Cost with Allowance	Amortized Cost without Allowance	Total	Three Months Ended June 30, 2023	Six Months Ended June 30, 2023
Nonaccrual loans:					
Real estate mortgage	\$ -	\$ 5,853,295	\$ 5,853,295	\$ -	\$ -
Production and intermediate-term	739,777	22,231	762,008	-	18,372
Energy	92,785	-	92,785	-	-
Rural residential real estate	-	6,871	6,871	-	-
Total nonaccrual loans	<u>\$ 832,562</u>	<u>\$ 5,882,397</u>	<u>\$ 6,714,959</u>	<u>\$ -</u>	<u>\$ 18,372</u>

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 Past Due	90 Days or More Past Due	Total Past Due	Not Past Due or Less Than 30 Days Past Due	Total Loans	Recorded Investment >90 Days and Accruing
	Real estate mortgage	\$ 977,856	\$ 87,957	\$ 1,065,813	\$ 860,339,839	\$ 861,405,652
Production and intermediate term	22,231	-	22,231	75,732,792	75,755,023	-
Processing and marketing	-	-	-	44,460,243	44,460,243	-
Farm-related business	-	-	-	15,355,045	15,355,045	-
Communication	-	-	-	11,391,835	11,391,835	-
Rural residential real estate	-	-	-	7,536,620	7,536,620	-
International	-	-	-	1,826,728	1,826,728	-
Loans to cooperatives	-	-	-	609,498	609,498	-
Energy	-	-	-	565,519	565,519	-
Total	<u>\$ 1,000,087</u>	<u>\$ 87,957</u>	<u>\$ 1,088,044</u>	<u>\$ 1,017,818,119</u>	<u>\$ 1,018,906,163</u>	<u>\$ 87,957</u>

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

December 31, 2022	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Not Past Due or Less Than 30 Days Past Due	Total Loans	Recorded Investment >90 Days and Accruing
	Real estate mortgage	\$ 496,368	\$ 51,083	\$ 547,451	\$ 876,970,243	\$ 877,517,694
Production and intermediate term	-	-	-	68,894,683	68,894,683	-
Processing and marketing	-	-	-	51,399,904	51,399,904	-
Farm-related business	-	-	-	16,647,795	16,647,795	-
Communication	-	-	-	11,264,868	11,264,868	-
Rural residential real estate	17,259	-	17,259	7,772,916	7,790,175	-
International	-	-	-	981,385	981,385	-
Loans to cooperatives	-	-	-	627,997	627,997	-
Energy	-	-	-	627,651	627,651	-
Total	<u>\$ 513,627</u>	<u>\$ 51,083</u>	<u>\$ 564,710</u>	<u>\$ 1,035,187,442</u>	<u>\$ 1,035,752,152</u>	<u>\$ -</u>

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 generally 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 by the Association to manage credit exposure. The regulatory limit to a single borrower or lessee is 15 percent of the Association's lending and leasing limit base but the Association's boards of directors have generally established more restrictive lending limits.

Effective January 1, 2023, the Association 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	Production and Intermediate- Term	Agribusiness	Communications	Energy	Rural Residential Real Estate	International	Total
Allowance for Credit Losses on Loans:								
Balance at March 31, 2023	\$ 3,044,163	\$ 56,450	\$ 505,966	\$ 16,269	\$ 7,276	\$ 26,731	\$ 660	\$ 3,657,515
Charge-offs	-	-	-	-	-	-	-	-
Recoveries	-	-	-	-	-	-	-	-
Provision for credit losses/(Reversal of)	(387,299)	44,109	(32,128)	5,580	49,209	(2,449)	838	(322,140)
Other	(228)	328,123	(332,527)	(48)	-	-	-	(4,680)
Balance at June 30, 2023	\$ 2,656,636	\$ 428,682	\$ 141,311	\$ 21,801	\$ 56,485	\$ 24,282	\$ 1,498	\$ 3,330,695
Balance at December 31, 2022	\$ 5,219,364	\$ 493,924	\$ 599,104	\$ 36,724	\$ 40,768	\$ 53,995	\$ 402	\$ 6,444,281
Cumulative effect of a change in accounting principle	(2,180,585)	(435,834)	(339,314)	(21,118)	(26,091)	(19,249)	386	(3,021,805)
Balance at January 1, 2023	\$ 3,038,779	\$ 58,090	\$ 259,790	\$ 15,606	\$ 14,677	\$ 34,746	\$ 788	\$ 3,422,476
Charge-offs	-	-	-	-	-	-	-	-
Recoveries	21,751	-	-	-	-	-	-	21,751
Provision for credit losses/(Reversal of)	(403,894)	43,158	208,955	6,195	41,808	(10,464)	710	(113,532)
Other	-	327,434	(327,434)	-	-	-	-	-
Balance at June 30, 2023	\$ 2,656,636	\$ 428,682	\$ 141,311	\$ 21,801	\$ 56,485	\$ 24,282	\$ 1,498	\$ 3,330,695
Balance at March 31, 2022	\$ 5,315,369	\$ 488,773	\$ 598,663	\$ 37,017	\$ 54,456	\$ 54,244	\$ 464	\$ 6,548,986
Charge-offs	(55,836)	-	-	-	-	-	-	(55,836)
Recoveries	12,027	-	-	-	-	970	-	12,997
Provision for credit losses/(Reversal of)	148,096	11,504	13,056	2,058	28,447	1,372	336	204,869
Other	91	(6,460)	2,664	(17)	-	-	-	(3,722)
Balance at June 30, 2022	\$ 5,419,747	\$ 493,817	\$ 614,383	\$ 39,058	\$ 82,903	\$ 56,586	\$ 800	\$ 6,707,294
Balance at December 31, 2021	\$ 5,312,536	\$ 497,018	\$ 599,605	\$ 36,694	\$ 54,222	\$ 53,955	\$ 392	\$ 6,554,422
Charge-offs	(88,813)	-	-	-	-	-	-	(88,813)
Recoveries	17,785	-	-	-	-	970	-	18,755
Provision for credit losses/(Reversal of)	178,684	13,637	16,046	2,497	28,681	1,661	408	241,614
Other	(445)	(16,838)	(1,268)	(133)	-	-	-	(18,684)
Balance at June 30, 2022	\$ 5,419,747	\$ 493,817	\$ 614,383	\$ 39,058	\$ 82,903	\$ 56,586	\$ 800	\$ 6,707,294
Allowance for Unfunded Commitments:								
Balance at March 31, 2023	\$ 554	\$ 7,792	\$ 15,415	\$ 91	\$ -	\$ -	\$ -	\$ 23,852
Provision for unfunded commitments	(152)	99	2,467	(41)	-	-	-	2,373
Balance at June 30, 2023	\$ 402	\$ 7,891	\$ 17,882	\$ 50	\$ -	\$ -	\$ -	\$ 26,225
Balance at December 31, 2022	\$ 137,111	\$ 6,269	\$ 31,269	\$ 1,067	\$ -	\$ -	\$ -	\$ 175,716
Cumulative effect of a change in accounting principle	(136,329)	834	(10,761)	(928)	-	-	-	(147,184)
Balance at January 1, 2023	\$ 782	\$ 7,103	\$ 20,508	\$ 139	\$ -	\$ -	\$ -	\$ 28,532
Provision for unfunded commitments	(380)	788	(2,626)	(89)	-	-	-	(2,307)
Balance at June 30, 2023	\$ 402	\$ 7,891	\$ 17,882	\$ 50	\$ -	\$ -	\$ -	\$ 26,225

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 impaired loans under nonaccrual or accruing restructured loans. The Association did not materially modify any loans with borrowers experiencing financial difficulty as of June 30, 2023.

As of December 31, 2022, the total recorded investment of troubled debt restructured loans was \$2,119,018, including \$194,623 classified as nonaccrual and \$1,924,395 classified as accrual, with no specific allowance for credit losses.

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

	Loans Modified as TDRs		
	December 31, 2022	December 31, 2021	December 31, 2020
Troubled debt restructurings:			
Real estate mortgage	\$ 1,975,309	\$ 4,664,689	\$ 3,504,535
Production and intermediate term	21,882	-	-
Rural residential real estate	121,827	118,285	140,769
Total	\$ 2,119,018	\$ 4,782,974	\$ 3,645,304
	TDRs in Nonaccrual Status*		
	December 31, 2022	December 31, 2021	December 31, 2020
Troubled debt restructurings:			
Real estate mortgage	\$ 172,741	\$ 303,689	\$ 684,489
Production and intermediate term	21,882	-	-
Rural residential real estate	-	-	-
Total	\$ 194,623	\$ 303,689	\$ 684,489

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

NOTE 3 — CAPITAL:

The Association's board of directors has established a Capital Adequacy Plan (Plan) that includes the capital targets that are necessary to achieve the Association's capital adequacy goals as well as the minimum permanent capital standards. The Plan monitors projected dividends, equity retirements and other actions that may decrease the Association's permanent capital. In addition to factors that must be considered in meeting the minimum standards, the board of directors also monitors the following factors: capability of management; quality of operating policies, procedures and internal controls; quality and quantity of earnings; asset quality and the adequacy of the allowance for losses to absorb potential loss within the loan and lease portfolios; sufficiency of liquid funds; needs of the Association'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.

	June 30, 2023	December 31, 2022
Capital stock and participation certificates	\$ 2,945,165	\$ 2,948,335
Accumulated other comprehensive income	201,385	216,475
Unallocated Retained earnings ¹	189,716,661	176,934,599
Total Capital	\$ 192,863,211	\$ 180,099,409

¹ Retained earnings for the quarter ended June 30, 2023, reflects an increase/decrease from the cumulative effect of a change in accounting principle for CECL on January 1, 2023.

Regulatory Capitalization Requirements

Risk-adjusted:	Regulatory Minimums with Buffer	As of June 30, 2023
Common equity tier 1 ratio	7.00%	16.16%
Tier 1 capital ratio	8.50%	16.16%
Total capital ratio	10.50%	16.50%
Permanent capital ratio	7.00%	16.21%
Non-risk-adjusted:		
Tier 1 leverage ratio	5.00%	16.65%
UREE leverage ratio	1.50%	16.36%

The details for the amounts used in the calculation of the regulatory capital ratios as of June 30, 2023:

	Common equity tier 1 ratio	Tier 1 capital ratio	Total capital ratio	Permanent capital ratio
Numerator:				
Unallocated retained earnings	\$ 185,421,643	\$ 185,421,643	\$ 185,421,643	\$ 185,421,643
Common Cooperative Equities:				
Statutory minimum purchased borrower stock	2,941,406	2,941,406	2,941,406	2,941,406
Allowance for credit losses on loans and reserve for credit losses subject to certain limitations	-	-	3,621,425	-
Regulatory Adjustments and Deductions:				
Amount of allocated investments in other System institutions	(17,158,580)	(17,158,580)	(17,158,580)	(17,158,580)
	\$ 171,204,469	\$ 171,204,469	\$ 174,825,894	\$ 171,204,469
Denominator:				
Risk-adjusted assets excluding allowance	\$ 1,076,798,505	\$ 1,076,798,505	\$ 1,076,798,505	\$ 1,076,798,505
Regulatory Adjustments and Deductions:				
Regulatory deductions included in total capital	(17,158,580)	(17,158,580)	(17,158,580)	(17,158,580)
Allowance for credit losses on loans	-	-	-	(3,597,494)
	\$ 1,059,639,925	\$ 1,059,639,925	\$ 1,059,639,925	\$ 1,056,042,431

	Tier 1 leverage ratio	UREE leverage ratio
Numerator:		
Unallocated retained earnings	\$ 185,421,643	\$ 185,421,643
Common Cooperative Equities:		
Statutory minimum purchased borrower stock	2,941,406	-
Regulatory Adjustments and Deductions:		
Amount of allocated investments in other System institutions	(17,158,580)	(17,158,580)
	\$ 171,204,469	\$ 168,263,063
Denominator:		
Total Assets	\$ 1,046,748,498	\$ 1,046,748,498
Regulatory Adjustments and Deductions:		
Regulatory deductions included in Tier 1 capital	(18,457,504)	(18,457,504)
	\$ 1,028,290,994	\$ 1,028,290,994

The following tables present the activity in the accumulated other comprehensive income (loss), net of tax by component:

	Accumulated Other Comprehensive Income (Loss)
Balance at December 31, 2022	\$ 216,475
Other comprehensive loss before reclassifications	(15,090)
Amounts reclassified from accumulated other comprehensive loss	-
Net current period other comprehensive loss	(15,090)
Balance at June 30, 2023	\$ 201,385

	Accumulated Other Comprehensive Income (Loss)
Balance at December 31, 2021	\$ (886,529)
Other comprehensive income before reclassifications	22,380
Amounts reclassified from accumulated other comprehensive loss	-
Net current period other comprehensive income	22,380
Balance at June 30, 2022	\$ (864,149)

NOTE 4 — INCOME TAXES:

Louisiana Land Bank, 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. Louisiana Land Bank, ACA operates as a cooperative that qualifies for tax treatment under Subchapter T of the Internal Revenue Code. Accordingly, under specified conditions, Louisiana Land Bank, ACA can exclude

from taxable income amounts distributed as qualified patronage dividends in the form of cash, stock or allocated retained earnings. Provisions for income taxes are made only on those taxable earnings that will not be distributed as qualified patronage dividends. Deferred taxes are recorded at the tax effect of all temporary differences based on the assumption that such temporary differences are retained by the Association and will therefore impact future tax payments. A valuation allowance is provided against deferred tax assets to the extent that it is more likely than not (more than 50 percent probability), based on management's estimate, that they will not be realized.

NOTE 5 — FAIR VALUE MEASUREMENTS:

Accounting guidance defines fair value as the exchange price that would be received for an asset or paid to transfer a liability in the principal or most advantageous market for the asset or liability. See Note 13 in the 2022 Annual Report to Stockholders for a more complete description.

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

<u>June 30, 2023</u>	<u>Fair Value Measurement Using</u>			<u>Total Fair Value</u>
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	
Assets:				
Assets held in non-qualified benefits trusts	\$ 28,432	\$ -	\$ -	\$ 28,432
Total assets	\$ 28,432	\$ -	\$ -	\$ 28,432
<u>December 31, 2022</u>	<u>Fair Value Measurement Using</u>			<u>Total Fair Value</u>
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	
Assets:				
Assets held in non-qualified benefits trusts	\$ 27,812	\$ -	\$ -	\$ 27,812
Total assets	\$ 27,812	\$ -	\$ -	\$ 27,812

Assets measured at fair value on a non-recurring basis for each of the fair value hierarchy values are summarized below:

<u>June 30, 2023</u>	<u>Fair Value Measurement Using</u>			<u>Total Fair Value</u>
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	
Assets:				
Loans	\$ -	\$ -	\$ 396,596	\$ 396,596
<u>December 31, 2022</u>	<u>Fair Value Measurement Using</u>			<u>Total Fair Value</u>
	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>	
Assets:				
Loans	\$ -	\$ -	\$ 97,896	\$ 97,896

Uncertainty of Fair Value Measurements

For recurring fair value measurements categorized within Level 3 of the fair value hierarchy, the significant unobservable inputs used in the fair value measurement of the mortgage-backed securities are prepayment rates, probability of default and loss severity in the event of default. Significant increases (decreases) in any of those inputs in isolation would have resulted in a significantly lower (higher) fair value measurement.

Generally, a change in the assumption used for the probability of default would have been accompanied by a directionally similar change in the assumption used for the loss severity and a directionally opposite change in the assumption used for prepayment rates.

Valuation Techniques

As more fully discussed in Note 13 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 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 FASB impairment guidance, the fair value is based upon the underlying collateral since the loans are collateral-dependent loans for which real estate is the collateral. The fair value measurement process uses independent appraisals and other market-based information, but in many cases it also requires significant input based on management's knowledge of and judgment about current market conditions, specific issues relating to the collateral and other matters. As a result, a majority of these loans have fair value measurements that fall within Level 3 of the fair value hierarchy. When the value of the real estate, less estimated costs to sell, is less than the principal balance of the loan, a specific reserve is established.

Collateral Liabilities

Derivative contracts are supported by bilateral collateral agreements with counterparties requiring the posting of collateral in the event certain dollar thresholds of credit exposure are reached or are cleared through a futures commission merchant, with a clearinghouse (i.e., a central counterparty). The market value of collateral liabilities is its face value plus accrued interest that approximates fair value.

Cash

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

Loans

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

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

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

Commitments to Extend Credit

The fair value of commitments is estimated using the fees currently charged for similar agreements, taking into account the remaining terms of the agreements and the creditworthiness of the counterparties. For fixed-rate loan commitments, estimated fair value also considers the difference between current levels of interest rates and the committed rates.

NOTE 6 — EMPLOYEE BENEFIT PLANS:

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

Three months ended June 30:

	Other Benefits	
	2023	2022
Service cost	\$ 9,416	\$ 17,799
Interest cost	40,692	32,235
Amortization of prior service credits	(7,545)	(7,545)
Amortization of net actuarial loss	-	18,735
Net periodic benefit cost	<u>\$ 42,563</u>	<u>\$ 61,224</u>

Six months ended June 30:

	Other Benefits	
	2023	2022
Service cost	\$ 18,832	\$ 35,598
Interest cost	81,384	64,473
Amortization of prior service credits	(15,090)	(15,090)
Amortization of net actuarial loss	-	37,470
Net periodic benefit cost	<u>\$ 85,126</u>	<u>\$ 122,451</u>

The Association's liability for the unfunded accumulated obligation for these benefits on June 30, 2023, was \$3,222,228 and is included in "Other liabilities" on the Consolidated Balance Sheets.

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 structure of the District's defined benefit pension plan is characterized as multiemployer since the assets, liabilities and cost of the plan are not segregated or separately accounted for by participating employers (Bank and associations). The Association recognizes its amortized annual contributions to the plan as an expense. The Association previously disclosed in its financial statements for the year ended December 31, 2022, that it expected to contribute \$119,740 to the District's defined benefit pension plan in 2023. As of June 30, 2023, \$198,437 of contributions have been made.

NOTE 7 — 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 8 — SUBSEQUENT EVENTS:

The Association has evaluated subsequent events through August 9, 2023, which is the date the financial statements were issued.

In mid-July, management was made aware of a change in operating philosophy as to the District Bank's direct note patronage program. This change was presented by members of the District Bank's management team. The change to the direct note patronage program is necessitated due to significant volatility in market conditions that impact the District Bank's capital levels and other certain metrics. The Association accrues for this direct note patronage income on a monthly basis and does so at a level lower than the preceding year. Management will be adjusting the accrual for the direct note patronage effective July 2023.

The latest conditions and assumptions provided by the District Bank indicate a reduction of the direct note patronage by \$940,000 to \$1,276,000 compared to 2022 levels. The Association CEO has provided an update about this matter to the Board. The District Bank has indicated that this new estimate is subject to change due to potential market volatility and conditions during the remainder of the year. Management will keep the Board current as to changes in the direct note patronage methodology as updates are provided by the District Bank.

There are no other significant events requiring disclosure as of August 9, 2023.