

ALABAMA FARM CREDIT, ACA

**2024
Quarterly Report
First Quarter**



For the Quarter Ended March 31, 2024

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.



Mel Koller, Chief Executive Officer/President

May 8, 2024



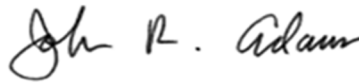
Matthew Christjohn, DVM, Chairman, Board of Directors

May 8, 2024



Kedric Karkosh, Chief Financial Officer

May 8, 2024



John R. Adams, Chairman, Audit Committee

May 8, 2024

First Quarter 2024 Financial Report

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**ALABAMA FARM CREDIT, ACA
MANAGEMENT’S DISCUSSION AND ANALYSIS**

The following commentary reviews the financial performance of the Alabama Farm Credit ACA (Agricultural Credit Association), referred to as the Association, for the quarter ended March 31, 2024. These comments should be read in conjunction with the accompanying financial statements and the December 31, 2023 Annual Report to Stockholders.

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

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

Significant Events

In January 2024, the Association approved a patronage distribution to its stockholders. The Association was able to distribute \$9,442,770 to its members due to strong earnings during 2023. The distribution was made in March 2024.

Loan Portfolio

Total loans outstanding at March 31, 2024, including nonaccrual loans and sales contracts, were \$1,097,580,906 compared to \$1,084,857,091 at December 31, 2023, reflecting an increase of 1.2 percent. Nonaccrual loans as a percentage of total loans outstanding were 0.4 percent at March 31, 2024, compared to 0.3 percent at December 31, 2023.

The Association recorded \$0 in recoveries and \$11,903 in charge-offs for the quarter ended March 31, 2024, and \$0 in recoveries and \$919 in charge-offs for the same period in 2023. The Association’s allowance for loan losses was 0.3 percent and 0.3 percent of total loans outstanding as of March 31, 2024, and December 31, 2023, 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			
	March 31, 2024		December 31, 2023	
	Amount	%	Amount	%
Nonaccrual	\$ 4,339,772	88.7%	\$ 3,527,689	74.8%
90 days past due and still accruing interest	1,801	0.0%	162,211	3.5%
Other property owned, net	550,429	11.3%	1,023,848	21.7%
Total	\$ 4,892,002	100.0%	\$ 4,713,748	100.0%

High-risk assets increased by \$178,254, or 3.8 percent primarily due to the increase in nonaccrual loans, and loans 90 days past due and still accruing interest offset by a decrease in other property owned, net. Nonaccrual loans as a percentage of total loans outstanding were 0.4 percent at March 31, 2024. Since December 31, 2023, the Association moved seven loans and six borrowers, totaling \$861,887 to nonaccrual status due to delinquency and cash flow issues. The Association has not acquired any properties during the three months ending March 31, 2024, however, has disposed of property on one borrower. At March 31, 2024 the Association held three properties totaling \$550,429, which consisted primarily of approximately 327 acres of land. Management continues to be alert to portfolio trends and has attempted to identify and report problem loans as quickly as possible. Management strives to implement proactive steps and allocate resources to work with distressed borrowers to either work through temporary repayment problems or to orderly liquidate collateral to repay the loan when the borrower’s operation is no longer viable.

Impaired loans consist of all high-risk assets except other property owned. At March 31, 2024 and December 31, 2023, loans that were considered impaired were \$4,339,772 and \$3,527,689 respectively.

Counterparty risk is continually monitored by management of the Association. The Association’s primary counterparty risk comes from poultry integrators with which its borrowers are associated and participation loans. The Association has participation loans with

other Farm Credit Associations and Farm Credit banks. Additionally, because the Association has approximately 32.1 percent of its portfolio concentrated in poultry, it mitigates inherent risks in the poultry markets and the integrators by heavy utilization of government guarantees. Also, the Association's lending territory has multiple integrators, which would minimize the risk of counterparty failure or lack of performance. Management analyzes the financial position and performance of these integrators by regularly gathering updated financials and other reports that are made available to the public.

Except for the relationship between installment due date and seasonal cash-flow capabilities of the borrower, the Association is not affected by any seasonal characteristics. The factors affecting the operations of the Association are the same factors that would affect any agricultural real estate lender.

To help mitigate and diversify credit risk, the Association has employed practices including credit guarantees and engaging in loan participations. At March 31, 2024, the Association had approximately \$107,499,591, or 9.8 percent, of its portfolio that had guarantees with the Farm Service Agency (FSA) or the Small Business Administration (SBA).

Results of Operations

The Association had net income of \$3,109,688 for the three months ended March 31, 2024, as compared to net income of \$4,710,883 for the same period in 2023, reflecting a decrease of 33.9 percent. Net interest income was \$6,819,744 for the three months ended March 31, 2024, compared to \$6,900,182 for the same period in 2023.

	Three Months Ended			
	March 31, 2024		March 31, 2023	
	Average Balance	Interest	Average Balance	Interest
Loans	\$ 1,097,580,906	\$ 15,982,909	\$ 1,075,077,167	\$ 14,071,793
Interest-bearing liabilities	978,267,105	9,163,165	954,762,832	7,171,611
Impact of capital	\$ 119,313,801		\$ 120,314,335	
Net interest income		\$ 6,819,744		\$ 6,900,182
	2024		2023	
	Average Yield		Average Yield	
Yield on loans	5.86%		5.31%	
Cost of interest-bearing liabilities	3.77%		3.05%	
Interest rate spread	2.09%		2.26%	
Net interest income as a percentage of average earning assets	2.50%		2.60%	

Three months ended: March 31, 2024 vs. March 31, 2023			
Increase (decrease) due to			
	Volume	Rate	Total
Interest income - loans	\$ 297,015	\$ 1,614,101	\$ 1,911,116
Interest expense	178,025	1,813,529	1,991,554
Net interest income	\$ 118,990	\$ (199,428)	\$ (80,438)

Interest income for the three months ended March 31, 2024, increased by \$1,911,116 or 13.6 percent from the same period of 2023, primarily due to increases in yields on earning assets and an increase in average loan volume. Interest expense for the three months ended March 31, 2024, increased by \$1,991,554 or 27.8 percent from the same period of 2023 due to an increase in interest rates offset by an increase in average debt volume. Average loan volume for the first quarter of 2024 was \$1,097,580,906, compared to \$1,075,077,167 in the first quarter of 2023. The average net interest rate spread on the loan portfolio for the first quarter of 2024 was 2.1 percent compared to 2.3 percent in the first quarter of 2023.

The Association's return on average assets for the three months ended March 31, 2024, was 1.1 percent, compared to 1.7 percent for the same period in 2023. The Association's return on average equity for the three months ended March 31, 2024, was 8.3 percent, compared to 13.2 percent for the same period in 2023.

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.

	March 31, 2024	December 31, 2023
Note payable to the Bank	\$ 978,262,268	\$ 965,495,373
Accrued interest on note payable	3,152,116	3,004,039
Total	<u>\$ 981,414,384</u>	<u>\$ 968,499,412</u>

The Association operates under a general financing agreement (GFA) with the Bank. The current GFA is effective through September 30, 2024. The primary source of liquidity and funding for the Association is a direct loan from the Bank. The outstanding balance of \$978,262,268 as of March 31, 2024, is recorded as a liability on the Association's balance sheet. The note carried a weighted average interest rate of 3.5 percent at March 31, 2024. The indebtedness is collateralized by a pledge of substantially all of the Association's assets to the Bank and is governed by the GFA. The increase in note payable to the Bank and related accrued interest payable since December 31, 2023, is due to the Association's increase in the Association's loan portfolio as a result of the increased loan demand in its 27-county territory and an increase in capital market loans. The Association's own funds, which represent the amount of the Association's loan portfolio funded by the Association's equity, was \$118,772,863 at March 31, 2024. The maximum amount the Association may borrow from the Bank as of March 31, 2024, was \$1,100,646,754 as defined by the GFA. The indebtedness continues in effect until the expiration date of the GFA, which is September 30, 2024, 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 \$3,125,222 at March 31, 2024, compared to December 31, 2023. The Association's debt as a ratio of members' equity was 6.6:1 as of March 31, 2024, compared to 6.7:1 as of December 31, 2023.

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 March 31, 2024, the Association exceeded all regulatory capital requirements.

Risk-adjusted:	Regulatory Minimums with Buffer	As of March 31, 2024
Common equity tier 1 ratio	7.5%	11.6%
Tier 1 capital ratio	9.0%	11.6%
Total capital ratio	11.0%	11.9%
Permanent capital ratio	7.5%	11.6%
<u>Non-risk-adjusted:</u>		
Tier 1 leverage ratio	5.4%	11.3%
UREE leverage ratio	2.0%	10.9%

Significant Recent Accounting Pronouncements

In March 2022, the Financial Accounting Standards Board (FASB) issued an update entitled "Financial Instruments - Credit Losses: Troubled Debt Restructurings and Vintage Disclosures." The guidance eliminates the accounting guidance for troubled debt restructurings (TDRs) by creditors while enhancing disclosure requirements for certain loan refinancings and restructurings when a borrower is experiencing financial difficulty. The creditor will have to apply the guidance to determine whether a modification results in a new loan or a continuation of an existing loan. In addition to the TDR guidance, the update requires public business entities to disclose current period gross write offs by year of origination for financing receivables and net investments in leases within the scope of the credit losses standard. These amendments were effective for the entity upon adoption of the measurement of credit losses on financial instruments standard on January 1, 2023.

The entity adopted the FASB guidance entitled “Measurement of Credit Losses on Financial Instruments” on January 1, 2023. This guidance established a single allowance framework for all financial assets measured at amortized cost and certain off-balance sheet credit exposures. The guidance requires management to consider in its estimate of allowance for credit losses (ACL) relevant historical events, current conditions and reasonable and supportable forecasts that affect the collectability of the assets. Prior to the adoption, the allowance for loan losses represented management’s estimate of the probable credit losses inherent in its loan portfolio and certain unfunded commitments. In addition, the guidance amends existing impairment guidance for held-to-maturity and available-for-sale investments to incorporate an allowance, which will allow for the reversal of credit impairments in the event that the credit of an issuer improves. The adoption of this guidance was not material to the allowance for credit losses and retained earnings.

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 stockholders’ investment in the Association. The Management’s Discussion and Analysis and Notes to Financial Statements contained in the 2023 Annual Report of Association more fully describe the Association’s relationship with the Bank.

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

The Association’s quarterly stockholder reports are available free of charge, upon request. These reports can be obtained by writing to Alabama Farm Credit, ACA, P.O. Box 639, Cullman, Alabama 35056 or calling (256) 737-7128. The annual and quarterly stockholder reports for the Association are also available on its website at www.alabamafarmcredit.com. Copies of the Association’s quarterly stockholder reports can also be requested by e-mailing Kedric.Karkosh@alabamafarmcredit.com.

Alabama Farm Credit, ACA

CONSOLIDATED BALANCE SHEETS

	March 31, 2024 (unaudited)	December 31, 2023
<u>ASSETS</u>		
Cash	11,712	10,700
Loans	1,097,580,906	1,084,857,091
Less: allowance for credit losses on loans	3,492,561	3,267,316
Net loans	1,094,088,345	1,081,589,775
Accrued interest receivable	11,045,645	12,145,623
Investment in and receivable from the Farm		
Credit Bank of Texas:		
Capital stock	17,958,700	17,958,700
Other	1,206,467	1,815,378
Other property owned, net	550,429	1,023,848
Premises and equipment, net	15,650,858	15,558,575
Other assets	5,276,962	4,279,297
Total assets	<u>1,145,789,118</u>	<u>1,134,381,895</u>
<u>LIABILITIES</u>		
Note payable to the Farm Credit Bank of Texas	978,262,268	965,495,373
Advance conditional payments	4,837	1,227,064
Accrued interest payable	3,152,116	3,004,039
Drafts outstanding	34,232	42,909
Dividends payable	(100,280)	9,342,498
Other liabilities	13,285,974	7,245,263
Total liabilities	<u>994,639,147</u>	<u>986,357,146</u>
<u>MEMBERS' EQUITY</u>		
Capital stock and participation certificates	3,453,580	3,434,855
Unallocated retained earnings	147,407,179	144,297,491
Accumulated other comprehensive income (loss)	289,212	292,403
Total members' equity	<u>151,149,971</u>	<u>148,024,749</u>
Total liabilities and members' equity	<u>1,145,789,118</u>	<u>1,134,381,895</u>

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

ALABAMA FARM CREDIT, ACA
STATEMENTS OF COMPREHENSIVE INCOME
(unaudited)

	Three Months Ended	
	March 31,	
	2024	2023
<u>INTEREST INCOME</u>		
Loans	\$ 15,982,909	\$ 14,071,793
Other	-	-
Total interest income	15,982,909	14,071,793
<u>INTEREST EXPENSE</u>		
Note payable to the Farm Credit Bank of Texas	9,158,328	7,162,083
Advance conditional payments	4,837	9,528
Total interest expense	9,163,165	7,171,611
Net interest income	6,819,744	6,900,182
<u>PROVISION FOR LOAN LOSSES</u>		
Net interest income after provision for loan losses	223,641	(305,073)
	6,596,103	7,205,255
<u>NONINTEREST INCOME</u>		
Income from the Farm Credit Bank of Texas:		
Patronage income	1,329,584	1,919,476
Loan fees	138,725	200,082
Financially related services income	119,618	1,785
Gain (loss) on other property owned, net	(14,541)	321,119
Gain (loss) on sale of premises and equipment, net	14,526	8,742
Other noninterest income	179,520	87,564
Total noninterest income	1,767,432	2,538,768
<u>NONINTEREST EXPENSES</u>		
Salaries and employee benefits	2,808,332	2,586,042
Directors' expense	98,787	99,918
Purchased services	885,115	485,272
Travel	169,069	219,576
Occupancy and equipment	374,925	370,117
Communications	92,299	95,894
Advertising	97,346	208,797
Public and member relations	213,014	259,804
Supervisory and exam expense	101,391	91,229
Insurance Fund premiums	210,604	381,754
Other noninterest expense	202,965	234,737
Total noninterest expenses	5,253,847	5,033,140
Income before income taxes	3,109,688	4,710,883
<u>NET INCOME</u>		
	3,109,688	4,710,883
Other comprehensive income:		
Change in postretirement benefit plans	(3,191)	(2,664)
<u>COMPREHENSIVE INCOME</u>	\$ 3,106,497	\$ 4,708,219

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

(unaudited)

	Capital Stock/ Participation Certificates	Retained Earnings Unallocated	Accumulated Other Comprehensive Income (Loss)	Total Members' Equity
Balance at December 31, 2022	\$ 3,498,465	\$ 139,388,864	\$ 288,084	\$ 143,175,413
Net income		4,652,549		- 4,652,549
Other comprehensive income			(2,664)	(2,664)
Capital stock/participation certificates and allocated retained earnings issued	74,305			74,305
Capital stock/participation certificates and allocated retained earnings retired	(62,305)			(62,305)
Cash		(831,266)		(831,266)
Balance at March 31, 2023	<u>\$ 3,510,465</u>	<u>\$ 143,210,147</u>	<u>\$ 285,420</u>	<u>\$ 147,006,032</u>
Balance at December 31, 2023	\$ 3,434,855	\$ 144,297,491	\$ 292,403	148,024,749
Net income		3,109,688		3,109,688
Other comprehensive income			(3,191)	(3,191)
Capital stock/participation certificates and allocated retained earnings issued	93,290			93,290
Capital stock/participation certificates and allocated retained earnings retired	(74,565)			(74,565)
Cash		-		-
Balance at March 31, 2024	<u>\$ 3,453,580</u>	<u>\$ 147,407,179</u>	<u>\$ 289,212</u>	<u>\$ 151,149,971</u>

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

ASSOCIATION NEW MODEL
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS

NOTE 1 — ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES:

Alabama Farm Credit, ACA, referred to as the Association, is a member-owned cooperative that provides credit and credit-related services to or for the benefit of eligible borrowers/stockholders for qualified agricultural purposes. The Association serves the counties of Blount, Calhoun, Cherokee, Clay, Cleburne, Colbert, Cullman, DeKalb, Etowah, Fayette, Franklin, Jackson, Jefferson, Lamar, Lauderdale, Lawrence, Limestone, Madison, Marion, Marshall, Morgan, Randolph, Shelby, St. Clair, Talladega, Walker, and Winston in the state of Alabama. The Association is a lending institution of the Farm Credit System (the System), which was established by Acts of Congress to meet the needs of American agriculture.

The accompanying unaudited financial statements have been prepared in accordance with accounting principles generally accepted in the U.S. (GAAP) for interim financial information. Accordingly, they do not include all of the disclosures required by GAAP for annual financial statements and should be read in conjunction with the audited financial statements as of and for the year ended December 31, 2023, as contained in the 2023 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, 2024. Descriptions of the significant accounting policies are included in the 2023 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

In December 2023, the Financial Accounting Standards Board (FASB) issued Accounting Standards Update (ASU) 2023-09 - Income Taxes: Improvements to Income Tax Disclosures. The amendments in this standard require more transparency about income tax information through improvements to income tax disclosures primarily related to the rate reconciliation and income taxes paid information.

The amendments in this standard require qualitative disclosure about specific categories of reconciling items and individual jurisdictions that result in a significant difference between the statutory tax rate and the effective tax rate. The amendments are effective for annual periods beginning after December 15, 2025. The adoption of this guidance is not expected to have a material impact on the Association's financial condition, results of operations or cash flows.

In November 2023, the FASB issued ASU 2023-07 - Segment Reporting: Improvements to Reportable Segment Disclosures. The standard requires a public entity to disclose, on an annual and interim basis, the following:

- significant segment expenses that are readily provided to the chief operating decision maker ("CODM") and included in segment profit or loss,
- composition and aggregate amount of other segment items, which represent the difference between profit or loss and segment revenues less significant segment expenses,
- the title and position of the CODM, and
- an explanation of how the CODM uses the reported segment measures in assessing segment performance and deciding how to allocate resources.

Even if a public entity has a single reportable segment, it is required to provide all disclosures set forth in the standard and all existing segment disclosures. The amendments in the standard are to be applied retrospectively to all prior periods presented and are effective for fiscal years beginning after December 31, 2023, and interim periods within fiscal years beginning after December 15, 2024. Early adoption is permitted. The Association is currently assessing the potential impact of this standard on its disclosures.

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

A summary of loans follows:

Loan Type	March 31,	December 31,
	2024	2023
	Amount	Amount
Production agriculture:		
Real estate mortgage	\$ 794,998,477	\$ 783,840,002
Production and Intermediate-term	161,161,267	156,567,108
Agribusiness:		
Loans to cooperatives	2,716,874	5,550,290
Processing and marketing	68,876,422	68,338,627
Farm-related business	28,603,383	28,319,108
Communication	4,692,121	4,668,050
Energy	4,994,279	4,993,905
Water and waste-water	9,370,605	9,417,330
Rural residential real estate	15,261,065	16,792,418
Agricultural export finance	6,906,413	6,370,253
Total	<u>\$ 1,097,580,906</u>	<u>\$ 1,084,857,091</u>

The Association purchases or sells participation interests with other parties in order to diversify risk, manage loan volume and comply with Farm Credit Administration regulations.

The following table presents information regarding the balances of participations purchased and sold at March 31, 2024:

	Other Farm Credit Institutions		Non-Farm Credit Institutions		Total	
	Participations	Participations	Participations	Participations	Participations	Participations
	Purchased	Sold	Purchased	Sold	Purchased	Sold
Real Estate Mortgage	\$ 3,199,167	\$ 135,760,498	\$ -	\$ -	\$ 3,199,167	\$ 135,760,498
Production & Intermediate Term	37,852,843	12,810,857	-	-	37,852,843	12,810,857
Agribusiness	66,292,179	13,237,362	-	-	66,292,179	13,237,362
Communication	4,692,121	-	-	-	4,692,121	-
Energy	4,994,279	-	-	-	4,994,279	-
Water & Waste Disposal	9,370,606	-	-	-	9,370,606	-
Rural Residential Real Estate	-	1,126,564	-	-	-	1,126,564
International	6,906,413	-	-	-	6,906,413	-
Lease Receivables	-	-	-	-	-	-
Mission Related	-	-	-	-	-	-
Total	<u>\$ 133,307,608</u>	<u>\$ 162,935,281</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 133,307,608</u>	<u>\$ 162,935,281</u>

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 \$4,837 and \$1,227,064 at March 31, 2024, and December 31, 2023, 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, institutions 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 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 (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 shows loans under the Farm Credit Administration Uniform Loan Classification System as a percentage of total loans by loan type as of March 31, 2024 and December 31, 2023:

	March 31, 2024	December 31, 2023
Real estate mortgage		
Acceptable	\$ 770,987,707	\$ 761,746,809
OAEM	11,962,376	10,126,378
Substandard	12,048,394	11,966,815
	<u>794,998,477</u>	<u>783,840,002</u>
Production and intermediate-term		
Acceptable	158,240,570	154,078,788
OAEM	1,744,424	1,406,545
Substandard	1,176,273	1,081,775
	<u>161,161,267</u>	<u>156,567,108</u>
Agribusiness		
Acceptable	94,992,360	100,344,905
OAEM	2,071,904	1,863,120
Substandard	3,132,415	-
	<u>100,196,679</u>	<u>102,208,025</u>
Energy		
Acceptable	4,994,279	4,993,905
OAEM	-	-
Substandard	-	-
	<u>4,994,279</u>	<u>4,993,905</u>
Water/waste-water		
Acceptable	9,370,605	14
OAEM	-	-
Substandard	-	-
	<u>9,370,605</u>	<u>9,417,330</u>
Communication		
Acceptable	4,692,121	4,668,050
OAEM	-	-
Substandard	-	-
	<u>4,692,121</u>	<u>4,668,050</u>
Rural residential real estate		
Acceptable	14,732,471	16,256,636
OAEM	-	68,631
Substandard	528,594	467,151
	<u>15,261,065</u>	<u>16,792,418</u>
Agricultural export finance		
Acceptable	6,906,413	6,370,253
OAEM	-	-
Substandard	-	-
	<u>6,906,413</u>	<u>6,370,253</u>
Total loans		
Acceptable	1,064,916,670	1,057,876,676
OAEM	15,778,704	13,464,674
Substandard	16,885,676	13,515,741
	<u>\$ 1,097,580,906</u>	<u>\$ 1,084,857,091</u>

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

	March 31, 2024	December 31, 2023
Nonaccrual loans:		
Real estate mortgage	\$ 3,715,416	\$ 3,164,415
Production and intermediate-term	471,651	246,328
Rural residential real estate	152,705	116,946
Total nonaccrual loans	<u>\$ 4,339,772</u>	<u>\$ 3,527,689</u>
Accruing loans 90 days or more past due:		
Real estate mortgage	\$ 1,801	\$ 162,211
Production and intermediate-term	-	-
Total accruing loans 90 days or more past due	\$ 1,801	\$ 162,211
Other property owned	550,429	1,023,848
Total nonperforming assets	<u>\$ 4,892,002</u>	<u>\$ 4,713,748</u>
Nonaccrual loans as a percentage of total loans	0.40%	0.33%
Nonperforming assets as a percentage of total loans and other property owned	0.45%	0.43%
Nonperforming assets as a percentage of capital	3.24%	3.18%

The following tables provide 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:

	March 31, 2024			Interest Income Recognized For the Three Months Ended March 31, 2024
	Amortized Cost with Allowance	Amortized Cost without Allowance	Total	
Nonaccrual loans:				
Real estate mortgage	\$ 764,182	\$ 3,503,465	\$ 4,267,647	\$ 4,432
Production and intermediate-term	15,540	456,111	471,651	3,264
Rural residential real estate	-	152,705	152,705	143
Total nonaccrual loans	<u>\$ 779,722</u>	<u>\$ 4,112,281</u>	<u>\$ 4,892,003</u>	<u>\$ 7,839</u>

	December 31, 2023			Interest Income Recognized For the Twelve Months Ended December 31, 2023
	Amortized Cost with Allowance	Amortized Cost without Allowance	Total	
Nonaccrual loans:				
Real estate mortgage	\$ 771,832	\$ 2,408,973	\$ 3,180,805	\$ 126,467
Production and intermediate-term	17,025	229,303	246,328	1,718
Rural residential real estate	-	116,946	116,946	8,476
Total nonaccrual loans	<u>\$ 788,857</u>	<u>\$ 2,755,222</u>	<u>\$ 3,544,079</u>	<u>\$ 136,660</u>

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

March 31, 2024	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	\$ 6,702,087	\$ 1,070,249	\$ 7,772,336	\$ 787,226,141	\$ 794,998,477	\$ -
Production and intermediate term	1,442,668	446,176	1,888,844	159,272,423	161,161,267	1,801
Loans to cooperatives	-	-	-	2,716,874	2,716,874	-
Processing and marketing	-	-	-	68,876,422	68,876,422	-
Farm-related business	-	-	-	28,603,383	28,603,383	-
Communication	-	-	-	4,692,121	4,692,121	-
Energy	-	-	-	4,994,279	4,994,279	-
Water and waste-water	-	-	-	9,370,605	9,370,605	-
Rural residential real estate	308,711	37,584	346,295	14,914,770	15,261,065	-
Agricultural export finance	-	-	-	6,906,413	6,906,413	-
Total	\$ 8,453,466	\$ 1,554,009	\$ 10,007,475	\$ 1,087,573,431	\$ 1,097,580,906	\$ 1,801

December 31, 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	\$ 5,164,863	\$ 514,857	\$ 5,679,720	\$ 778,160,282	\$ 783,840,002	\$ 162,211
Production and intermediate term	752,717	229,303	982,020	155,585,088	156,567,108	-
Loans to cooperatives	-	-	-	5,550,290	5,550,290	-
Processing and marketing	-	-	-	68,338,627	68,338,627	-
Farm-related business	-	-	-	28,319,108	28,319,108	-
Communication	-	-	-	4,668,050	4,668,050	-
Energy	-	-	-	4,993,905	4,993,905	-
Water and waste-water	-	-	-	9,417,330	9,417,330	-
Rural residential real estate	38,710	116,946	155,656	16,636,762	16,792,418	-
Agricultural export finance	-	-	-	6,370,253	6,370,253	-
Total	\$ 5,956,290	\$ 861,106	\$ 6,817,396	\$ 1,078,039,695	\$ 1,084,857,091	\$ 162,211

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.

Loan Modifications to Borrowers Experiencing Financial Difficulties

The following table shows the amortized cost basis at the end of the respective reporting period for loan modifications granted to borrowers experiencing financial difficulty, disaggregated by loan type and type of modification granted.

For the Three Months Ended March 31, 2024												
Combination												
Interest Rate Reduction	Term Extension	Payment Deferral	Principal Forgiveness	Interest Rate & Term Extension	Interest Rate & Payment Deferral	Interest Rate & Principal Forgiveness	Term Extension & Principal Forgiveness	Term Extension & Payment Deferral	Payment Extension & Principal Forgiveness	Total	Percentage of Total by Loan Type	
											Total	Loan Type
Real estate mortgage	\$ -	\$ -	\$ 1,585,101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,585,101	100%	
Production and Intermediate-Term	-	-	-	-	-	-	-	-	-	-	-	
Total	\$ -	\$ -	\$ 1,585,101	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,585,101	100%	

For the Three Months Ended March 31, 2023

	Combination												Percentage of Total by Loan Type	
	Interest Rate Reduction	Term Extension	Payment Deferral	Principal Forgiveness	Interest Rate & Term Extension	Interest Rate & Payment Deferral	Rate & Principal Forgiveness	Extension & Principal Forgiveness	Term Extension & Payment Deferral	Payment Extension & Principal Forgiveness	Total			
Real estate mortgage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%
Production and Intermediate-Term	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0%

Accrued interest receivable related to loan modifications granted to borrowers experiencing financial difficulty as of the three months ended March 31, 2024, and 2023 were \$23,622 and \$0, respectively.

The following table describes the financial effect of the modifications made to borrowers experiencing financial difficulty during the three months ended March 31, 2024:

	<u>Financial Effect</u> For the Three Months Ended March 31, 2024
	<u>Interest Rate Reduction</u>
Real estate mortgage	-
	<u>Term Extension</u>
Real estate mortgage	-
	<u>Payment Deferral</u>
Real estate mortgage	Deferred principal payments for a weighted average of nine months.
	<u>Principal Forgiveness</u>
Real estate mortgage	-

The following table describes the financial effect of the modifications made to borrowers experiencing financial difficulty during the three months ended March 31, 2023:

	<u>Financial Effect</u>
	<u>For the Three Months</u>
	<u>Ended March 31, 2023</u>
	<u>Interest Rate Reduction</u>
Real estate mortgage	-
	<u>Term Extension</u>
Real estate mortgage	-
	<u>Payment Deferral</u>
Real estate mortgage	-
	<u>Principal Forgiveness</u>
Real estate mortgage	-

The following table sets forth an aging analysis of loans to borrowers experiencing financial difficulty that were modified during the twelve months prior to March 31, 2024:

	<u>Payment Status of Loans Modified in the</u>		
	<u>Past 3 Months</u>		
	<u>Current</u>	<u>30-89 Days</u>	<u>90 Days or</u>
		<u>Past Due</u>	<u>More Past</u>
			<u>Due</u>
Real estate mortgage	\$ 1,585,101	\$ -	\$ -
Production and intermediate-term	-	-	-
Agribusiness	-	-	-
Communication	-	-	-
Energy and Water/waste disposal	-	-	-
Rural residential real estate	-	-	-
International	-	-	-
Total	<u>\$ 1,585,101</u>	<u>\$ -</u>	<u>\$ -</u>

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 adoption of CECL, through March 31, 2023:

	<u>Payment Status of Loans Modified in the</u>		
	<u>Past 3 Months</u>		
	<u>Current</u>	<u>30-89 Days</u>	<u>90 Days or</u>
		<u>Past Due</u>	<u>More Past</u>
			<u>Due</u>
Real estate mortgage	\$ -	\$ -	\$ -
Production and intermediate-term	-	-	-
Agribusiness	-	-	-
Communication	-	-	-
Energy and Water/waste disposal	-	-	-
Rural residential real estate	-	-	-
International	-	-	-
Total	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

Additional commitments to lend to borrowers experiencing financial difficulty whose loans have been modified during the three months ended March 31, 2024 were \$0 and during the year ended December 2023 were \$0.

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.

A summary of changes in the allowance for credit losses by portfolio segment are as follows:

	Real Estate Mortgage	Production and Intermediate- Term	Agri-business	Communi- cations	Energy and Water/Waste Disposal	Rural Residential Real Estate	International	Total
Allowance for credit losses on loans:								
Balance at December 31, 2023	\$ (2,627,276)	\$ (250,753)	\$ (299,585)	\$ (7,671)	\$ (19,104)	\$ (56,307)	\$ (6,620)	\$ (3,267,316)
Charge-offs	9,138	2,351	-	-	-	414	-	11,903
Recoveries								
Provision for credit losses/(Credit loss reversal)	(166,551)	(50,495)	(23,223)	406	1,508	402	805	(237,148)
Balance at March 31, 2024	\$ (2,784,689)	\$ (298,897)	\$ (322,808)	\$ (7,265)	\$ (17,596)	\$ (55,491)	\$ (5,815)	\$ (3,492,561)
Allowance for credit losses on unfunded commitments:								
Balance at December 31, 2023	\$ (1,411)	\$ (299,663)	\$ (97,019)	\$ (450)	\$ (999)	\$ -	\$ (4,559)	\$ (404,101)
Provision for unfunded commitments	1,223	10,724	801	53	124	-	582	13,507
Balance at March 31, 2024	\$ (188)	\$ (288,939)	\$ (96,218)	\$ (397)	\$ (875)	\$ -	\$ (3,977)	\$ (390,594)
Total allowance for credit losses	\$ (2,784,877)	\$ (587,836)	\$ (419,026)	\$ (7,662)	\$ (18,471)	\$ (55,491)	\$ (9,792)	\$ (3,883,155)

	Real estate mortgage	Production and intermediate- term	Agribusiness	Rural infrastructure	Rural residential real estate	Other	Total
Allowance for Loan Losses:							
Balance at December 31, 2022	\$ (2,347,931)	\$ (121,179)	\$ (256,145)	\$ (74,504)	\$ (17,233)	\$ (2,507)	\$ (2,819,499)
Cumulative effect of a change in accounting principle	(208,821)	(64,162)	(205,043)	(9,171)	(46,346)	964	(532,579)
Balance at January 1, 2023	(2,556,752)	(185,341)	(461,188)	(83,675)	(63,579)	(1,543)	(3,352,078)
Charge-offs	-	-	-	-	-	-	-
Recoveries	-	-	-	-	-	-	-
Provision for loan losses (loan loss reversal)	63,773	17,306	149,384	(2,783)	3,873	(3,387)	228,166
Balance at March 31, 2023	\$ (2,492,979)	\$ (168,035)	\$ (311,804)	\$ (86,458)	\$ (59,706)	\$ (4,930)	\$ (3,123,912)
Allowance for Unfunded Commitments:							
Balance at December 31, 2022	(526)	(34,750)	(43,622)	(398)	-	(1,194)	(80,490)
Cumulative effect of a change in accounting principle	(2,217)	(116,681)	(110,622)	(191)	-	(4,349)	(234,060)
Balance at January 1, 2023	(2,743)	(151,431)	(154,244)	(589)	-	(5,543)	(314,550)
Provision for unfunded commitments	(62,162)	(65,421)	73,977	(169)	-	2,347	(51,428)
Balance at March 31, 2023	(64,905)	(216,852)	(80,267)	(758)	-	(3,196)	(365,978)
Total allowance for credit losses	\$ (2,557,884)	\$ (384,887)	\$ (392,071)	\$ (87,216)	\$ (59,706)	\$ (8,126)	\$ (3,489,890)

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 an 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.

Regulatory Capitalization Requirements

Risk-adjusted:	Regulatory Minimums with Buffer	As of March 31, 2024
Common equity tier 1 ratio	7.5%	11.6%
Tier 1 capital ratio	9.0%	11.6%
Total capital ratio	11.0%	11.9%
Permanent capital ratio	7.5%	11.6%
Non-risk-adjusted:		
Tier 1 leverage ratio	5.4%	11.3%
UREE leverage ratio	2.0%	10.9%

The details for the amounts used in the calculation of the regulatory capital ratios as of March 31, 2024:

	Common equity tier 1 ratio	Tier 1 capital ratio	Total capital ratio	Permanent capital ratio
Numerator:				
Unallocated retained earnings	\$ 145,731,749	\$ 145,731,749	\$ 145,731,749	\$ 145,731,749
Paid-in capital	-	-	-	-
Common Cooperative Equities:				
Statutory minimum purchased borrower stock	3,442,156	3,442,156	3,442,156	3,442,156
Subordinated debt subject to certain limitation				
Allowance for loan losses and reserve for credit losses subject to certain limitations			3,673,800	
Regulatory Adjustments and Deductions:				
Amount of allocated investments in other System institutions	(20,760,541)	(20,760,541)	(20,760,541)	(20,760,541)
Other regulatory required deductions	(2,890,093)	(2,890,093)	(2,890,093)	(2,890,093)
	<u>\$ 125,523,271</u>	<u>\$ 125,523,271</u>	<u>\$ 129,197,071</u>	<u>\$ 125,523,271</u>
Denominator:				
Risk-adjusted assets excluding allowance	\$ 1,109,647,677	\$ 1,109,647,677	\$ 1,109,647,677	\$ 1,109,647,677
Regulatory Adjustments and Deductions:				
Regulatory deductions included in total capital	(23,650,633)	(23,650,633)	(23,650,633)	(23,650,633)
Allowance for loan losses				(3,270,150)
	<u>\$ 1,085,997,044</u>	<u>\$ 1,085,997,044</u>	<u>\$ 1,085,997,044</u>	<u>\$ 1,082,726,894</u>

	Tier 1 leverage ratio	UREE leverage ratio
Numerator:		
Unallocated retained earnings	\$ 145,731,749	\$ 145,731,749
Paid-in capital	-	-
Common Cooperative Equities:		
Statutory minimum purchased borrower stock	3,442,156	-
Allowance for loan losses and reserve for credit losses subject to certain limitations		
Regulatory Adjustments and Deductions:		
Amount of allocated investments in other System institutions	(20,760,541)	(20,760,541)
Other regulatory required deductions	(2,890,093)	(2,890,093)
	<u>\$ 125,523,271</u>	<u>\$ 122,081,115</u>
Denominator:		
Total Assets	\$ 1,139,641,901	\$ 1,139,641,901
Regulatory Adjustments and Deductions:		
Regulatory deductions included in tier 1 capital	(24,119,029)	(24,119,029)
	<u>\$ 1,115,522,872</u>	<u>\$ 1,115,522,872</u>

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

	<u>March 31, 2024</u>	<u>December 31, 2023</u>
Preferred stock	\$ -	\$ -
Capital stock and participation certificates	3,453,580	3,434,855
Additional paid-in-capital	-	-
Accumulated other comprehensive income(loss)	289,212	292,403
Retained earnings ¹	<u>147,407,179</u>	<u>144,297,491</u>
Total Capital	<u>\$ 151,149,971</u>	<u>\$ 148,024,749</u>

The Association's accumulated other comprehensive income (loss) relates entirely to its non-pension other postretirement benefits. Amortization of prior service (credits) cost and of actuarial (gain) loss are reflected in "Salaries and employee benefits" in the Consolidated Statements of Comprehensive Income. The following table summarizes the change in accumulated other comprehensive income (loss) for the three months ended March 31:

	<u>2024</u>	<u>2023</u>
Accumulated other comprehensive income (loss) at January 1	\$ 292,403	\$ 288,084
Amortization of actuarial (gain) loss included in salaries and employee benefits	<u>(3,191)</u>	<u>(2,664)</u>
Accumulated other comprehensive income (loss) at March 31	<u>\$ 289,212</u>	<u>\$ 285,420</u>

NOTE 4 — 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 2023 Annual Report to Stockholders for a more complete description.

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

March 31, 2024	<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	\$ -	\$ -	\$ 757,132	\$ 757,132
Other property owned	-	-	550,429	550,429
December 31, 2023	<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	\$ -	\$ -	\$ 766,268	\$ 766,268
Other property owned	-	-	1,023,848	1,023,848

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

Financial assets and financial liabilities measured at carrying amounts and not measured at fair value on the Balance Sheet for each of the fair value hierarchy values are summarized as follows:

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.

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

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

Valuation Techniques

As more fully discussed in Note 13 to the 2023 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 2023 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 approximates 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.

Other Property Owned

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

Cash

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

Loans

Fair value is estimated by discounting the expected future cash flows using the 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 5 — EMPLOYEE BENEFIT PLANS:

The following table summarizes the components of net periodic benefit costs for the three months ended March 31:

	Other Benefits	
	2024	2023
Service cost	\$ 6,781	\$ 6,347
Interest cost	23,277	20,960
Expected return on plan assets	-	-
Amortization of prior service (credits) costs	(2,171)	(2,171)
Amortization of net actuarial (gain) loss	(1,020)	-
Net periodic benefit cost	<u>\$ 26,867</u>	<u>\$ 25,136</u>

The Association's liability for the unfunded accumulated obligation for these benefits at March 31, 2024, was \$1,703,094 and is included in other liabilities on the balance sheet.

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

The structure of the district's defined benefit pension plan is characterized as multiemployer since the assets, liabilities and cost of the plan are not segregated or separately accounted for by participating employers (Bank and Associations). The Association recognizes its amortized annual contributions to the plan as an expense. The Association previously disclosed in its financial statements for the year ended December 31, 2023, that it expected to contribute \$67,655 to the district's defined benefit pension plan in 2024. As of March 31, 2024, \$16,914 of contributions have been made. The Association presently anticipates contributing an additional \$50,741 to fund the defined benefit pension plan in 2024 for a total of \$67,655.

NOTE 6 — 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.