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MARCH 31, 2022

# Management's Discussion and Analysis

The following commentary is a review of the financial condition and results of operations of Farm Credit East, ACA (the Association) for the three month period ended March 31, 2022. This commentary should be read in conjunction with the accompanying unaudited consolidated financial statements and notes included in this report, as well as the 2021 Annual Report. Dollar amounts are in thousands unless otherwise noted.

The accompanying financial statements were prepared under the oversight of the Audit Committee.

#### **Business Overview**

Farm Credit East is a lending institution of the Farm Credit System (the System). The System is a federally chartered network of borrower-owned lending institutions composed of cooperatives and related service organizations. We are a mission-based lender with authority to make loans and provide related financial services to eligible borrowers for qualified agricultural purposes. As a cooperative, the Association is owned by the members it serves. The territory served extends across a diverse agricultural region covering the states of Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Rhode Island and Vermont. The Association makes short and intermediate term loans for agricultural production and long term real estate mortgage loans. Our success begins with our extensive agricultural experience and knowledge of the market.

Farm Credit East's annual and quarterly reports to stockholders are available on the Association's website, **Farmcrediteast.com** or can be obtained free of charge by calling the Association's main office at 860-741-4380. Annual reports are available 75 days after year end and quarterly reports are available 40 days after each calendar quarter end. The financial condition and results of operations of CoBank, ACB (Bank), materially affect the risk associated with stockholder investments in Farm Credit East, ACA. To obtain a free copy of the CoBank Annual Report to Stockholders, please contact us at one of our offices or by accessing **CoBank.com**.

#### Merger with Yankee Farm Credit, ACA

On January 1, 2022, Yankee Farm Credit, ACA (Yankee) merged with and into Farm Credit East, ACA. The merger successfully brought together two excellent organizations and established a business entity with greater capacity of capital, people and leadership to serve northeast agriculture.

Beginning in 2022, the financial statements and related metrics include the effects of the merger with Yankee. Prior year results have not been restated to reflect the impact of the merger. Upon the closing of the merger, loans increased by \$538.1 million, assets increased by \$578.0 million, liabilities increased by \$451.9 million and members equity increased \$126.1 million. These amounts include adjustments to fair value, as required by accounting standards for business combinations. The merger is also discussed in Note #1 "Organization and Significant Accounting Policies" to the accompanying consolidated financial statements.

#### **Results of Operations**

Farm Credit East posted strong financial results for the three month period ended March 31, 2022. Net income was \$54.4 million for the three months ended March 31, 2022, an increase of \$7.8 million as compared with the same period in 2021. Our stronger earnings primarily reflect the favorable impact of the merger on net interest income due to increased loan volume, partially offset by higher operating expenses.

The following table reflects key performance res	sults (\$ in millions).
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For the three months ended March 31	2022	2021
Net income	\$ 54.4	\$ 46.5
Net interest income	\$ 66.0	\$ 55.8
Net interest margin	2.72%	2.74%
Return on average assets	2.12%	2.15%
Return on average members equity	11.38%	11.07%

The following table provides detail of changes in the significant components of net income (\$ in millions).

Increase (Decrease) due to:	2022 versus 2021	2021 versus 2020
Net interest income	\$ 10.2	\$ (4.7)
Noninterest income	5.0	0.6
Noninterest expenses	(7.4)	-
Provision for income taxes	-	(0.1)
Total	\$ 7.8	\$ (4.2)

## Net Interest Income

Net interest income was \$66.0 million for the three months ended March 31, 2022, a \$10.2 million increase over the same period in 2021. The merger with Yankee increased our loan volume by \$538.1 million, as of January 1, 2022, which increased net interest income.

Information regarding the average daily balances and average rates earned and paid on our portfolio are presented in the following table:

For the three months ended March 31	2022	2021
Net interest income	\$ 66,021	\$ 55,823
Average balances:		
Average interest earning loans	\$ 9,858,064	\$ 8,267,196
Average interest bearing liabilities	\$ 8,156,455	\$ 6,825,146
Average rates:		
Interest earning loan	3.45%	3.48%
Interest bearing liabilities	1.08%	1.13%
Interest rate spread	2.37%	2.35%
Net interest margin (interest income as a percentage of		
average interest earning loans)	2.72%	2.74%

The Association's average loan rate was 3.45% as of March 31, 2022, down slightly from 3.48% as of March 31, 2021. Average cost of debt funding also decreased from 1.13% in 2021 to 1.08% in 2022. Impacting net interest income are lower interest rate spreads with new loan volume and improving credit quality within much of the portfolio both of which warrant lower pricing. Also, the Association's hedging strategy earnings were lower partially offset by lower fixed rate loan repricing fees.

#### Noninterest income

Noninterest income was \$23.6 million for the three months ended March 31, 2022, a \$5.0 million increase over the same period in 2021.

Patronage income from CoBank is a significant part of the Association's noninterest income. Patronage income is based on the average balance of the Association's note payable to CoBank. For the three month period ended March 31, 2022, CoBank patronage income totaled \$9.2 million, compared to \$6.7 million in 2021. The merger with Yankee increased our note payable by \$435.8 million, as of the merger date, which also increases patronage income. The patronage rate accrued from CoBank on the Association's note payable is 45 basis points for the three months ending March 31, 2022 compared to last year's accrual of 36 basis points.

The Association also receives patronage income from CoBank and other Farm Credit entities that purchased interest in loans originated by the Association. For the three months ended March 31, 2022 this revenue totaled \$6.1 million compared to \$3.5 million in 2021.

Noninterest income also includes fees for financial services, loan fees, compensation on participation loans and other noninterest income. These other noninterest income sources totaled \$8.4 million for the three

months ended March 31, 2022, essentially unchanged from 2021. Financial services fee income is the largest component with \$6.8 million in revenue for the three months ended March 31, 2022, an increase of \$0.6 million compared to 2021. Loan fees decreased \$0.8 million to \$0.1 million for the three months ended March 31, 2022 as a result of fee income from specific government related lending programs that ended in 2021.

## Noninterest expense

Total noninterest expenses totaled \$34.8 million for the three months ended March 31, 2022, a \$7.4 million increase from March 31, 2021.

Salaries and employee benefits is the primary component of noninterest expense and totaled \$19.5 million, for the three months ended March 31, 2022, an increase of \$2.7 million from \$16.8 million compared to the same period a year ago. The increase is primarily due to the addition of the Yankee staff which are offset by slightly lower retirement plan expenses.

Insurance Fund premiums were \$2.9 million for the three months ended March 31, 2022, a \$0.5 million increase compared to the same period a year ago. Insurance Fund premium rates are set by the Farm Credit System Insurance Corporation and were sixteen basis points of adjusted insured debt obligations for the first three months of 2022, unchanged from the first three months of 2021.

Noninterest expenses also include information technology services, occupancy and equipment expense and other operating expenses and totaled \$12.4 million for the three months ended March 31, 2022, a \$4.2 million increase compared to the same period a year ago. Information technology services increased \$2.2 million and other operating expenses \$1.9 million.

## Provision for Income Taxes

The provision for income taxes totaled \$0.5 million for the three months ended March 31, 2022 essentially unchanged from a year ago. The Association's effective tax rate is significantly less than the applicable federal and state tax statutory income tax rates primarily due to tax deductible patronage distributions and our tax-exempt business activities.

## Patronage Distributions

The Association has a patronage program that allows it to distribute its available net earnings to its stockholders. The patronage program consists of a qualified cash distribution and a non-qualified distribution.

An anticipated patronage distribution payable to members of \$25.5 million was accrued during the first three months of 2022. The total patronage based on 2022 earnings will be payable to members in cash early in 2023 provided the capital and earnings goals for the Association are achieved and subject to approval by the Board of Directors.

At December 31, 2021, liabilities included a \$91.0 million patronage distribution payable to members, which has since been distributed in cash.

#### Loan Portfolio

Loans outstanding were \$10.1 billion at March 31, 2022, an increase of \$1.0 billion, or 11.3% from December 31, 2021. The increase in loan volume was primarily due to the merger with Yankee Farm Credit which added \$538.1 million. The Association also continues to see significant growth in its capital market portfolio and residential country living program.

While we make loans and provide financially related services to qualified borrowers in agricultural and rural sectors and to certain related entities, our loan portfolio is diversified by loan participations purchased and sold, geographic locations served, commodities financed and loan size.

The Association purchases loan volume from other System and non-System entities to diversify risk related to existing commodities financed within our geographic area served, resulting in additional income for the ACA. In addition, we sell a portion of certain large loans to other System and non-System entities to reduce risk and comply with internal lending limits we have established. Our volume of participations purchased and sold as of March 31 are reflected in the following table.

March 31	2022	2021
Purchased participations	\$ 2,587,101	\$ 1,920,721
Sold participations	\$ 1,754,255	\$ 1,106,214

Loans are originated and serviced within the LSA in New York, New Jersey, Maine and throughout the remainder of New England. The geographic distribution of loans follows. As previously mentioned, we purchase loans outside our territory – which are included in other states in the following table. At March 31, 2021, volume was not disclosed separately for Vermont.

March 31	2022	2021
New York	41%	45%
New Jersey	9	11
Maine	7	9
Massachusetts	5	4
Vermont	4	-
Connecticut	4	6
New Hampshire, Rhode Island and other states	30	25
Total	100%	100%

The following table shows the breakout of loan volume by the primary agricultural commodities produced by our borrowers based on the Standard Industrial Classification System (SIC) published by the federal government. This system is used to assign commodity or industry categories based on the primary business of the customer. A primary business category is assigned when the commodity or industry accounts for 50% or more of the total value of sales for a business; however, a large percentage of agricultural operations typically includes more than one commodity.

March 31	2022	2021
Dairy	19.0%	19.4%
Processing & Marketing	13.0	11.6
Timber	10.6	10.0
Cash Field	10.0	9.9
Livestock	7.5	8.4
Fruit	7.1	8.1
Aquatic	4.4	4.5
Utilities	4.4	3.9
Farm Services	4.2	4.0
Vegetables	3.2	3.5
Potato	2.8	3.3
Greenhouse	2.7	3.1
Nursery	2.6	2.8
All Other	8.5	7.5
Total	100.0%	100.0%

## High Risk Assets

Nonperforming loan volume is comprised of nonaccrual loans, accruing restructured loans, and loans 90 days past due still accruing interest and are referred to as impaired loans. Nonaccrual loans represent all loans where there is a reasonable doubt as to collection of principal and/or interest. High Risk assets consist

	March 31, 2022	December 31, 2021
Nonaccrual loans	\$ 17,653	\$ 18,656
Accruing loans 90 days or more past due	36	137
Accruing restructured loans	3,465	608
Total impaired loans	\$ 21,154	\$ 19,401
Other property owned	1,116	857
Total high risk assets	\$ 22,270	\$ 20,258
Impaired loans to total loans	0.21%	0.21%
High risk assets to total loans	0.22%	0.22%
Nonaccrual loans to total loans	0.17%	0.21%
Delinquencies as a % of total performing loans	0.07%	0.11%

of impaired loans and other property owned. The following table summarizes high risk assets and delinquency information:

The \$1.8 million increase in impaired loans during the first three months was primarily due to the recognition of TDR loans from the Yankee merger offset by a lower level of nonaccrual loans. In general, the Association is adequately secured on much of the \$17.7 million in nonaccrual loan volume at March 31, 2022. However, the Association has established specific loan loss allowances of \$1.2 million in relation to \$5.9 million of the nonaccrual portfolio.

Other property owned is comprised of real or personal property that has been acquired through collections or deed in lieu of foreclosure. Other property owned totaled \$1.1 million at March 31, 2022. During the first quarter, the Association acquired one property and no properties were sold. The Association is actively marketing all other property owned assets and intends to dispose of all properties in an orderly and timely fashion.

For additional loan type information, see Note 3 to these consolidated financial statements "Loans, Loan Quality and Allowance for Credit Losses".

#### Credit Quality Conditions and Measurements in the Loan Portfolio

We review the credit quality of the loan portfolio on an on-going basis as part of our risk management practices. Each loan is classified according to the Uniform Classification System (UCS) which is used by all System institutions. The following table presents statistics based on UCS classified as a percent of total loans and related accrued interest.

March 31	2022	2021
Acceptable	93.87%	92.99%
Special mention	3.79	4.07
Substandard/doubtful	2.34	2.94
Total	100.00%	100.00%

Over the last twelve months, loans classified acceptable increased by 0.9% of total loans while loans classified as special mention decreased 0.3% and adversely classified loans ("substandard", "doubtful" and "loss") decreased by 0.6% of total loans from a year ago. While overall loan quality measures remain strong at March 31, 2022, the potential for some deterioration during 2022 exists as there is still uncertainty related to COVID-19, inflation and the Ukraine/Russia conflict and their impacts on the economy.

#### Credit Risk Management

Credit risk arises from the inability of an obligor to meet its repayment obligation and exists in our outstanding loans, unfunded loan commitments and letters of credit. We manage credit risk associated with our lending activities through an assessment of the credit risk profile of each individual borrower based on an analysis of the borrower's credit history, repayment capacity, financial position and collateral.

Repayment capacity focuses on the borrower's ability to repay the loan based on cash flows from operations or other sources of income. The Association also manages credit risk by establishing limits for single borrower hold positions and industry concentrations based on underlying risks. The geographic and commodity diversity in the loan portfolio, coupled with disciplined underwriting reduces the potential for significant credit losses.

To further manage portfolio risk, the Association is a Preferred Lender under the USDA's Farm Service Agency guarantee program and as of March 31, 2022 has guarantees totaling \$337.8 million. In addition, the Association has loan guarantees with State agencies totaling \$15.6 million. The Association also participates in the Farmer Mac Long Term Standby Commitment to Purchase Program and as of March 31, 2022, commitments totaling \$5.2 million were in this program.

#### Provision for Loan Losses and Allowance for Credit Losses

We monitor our loan portfolio on a regular basis to determine if any increase through provision for loan losses or decrease through a loan loss reversal in our allowance for loan losses is warranted based on our assessment of the probable and estimable losses inherent in our loan portfolio. The allowance for loan losses covers the funded portion of loans outstanding, while the reserve for unfunded commitments covers losses on unfunded lending commitments.

As a result of overall stable credit quality, Farm Credit East did not record a provision or reversal for loan losses for the three months ended March 31, 2022 or 2021.

Information regarding comparative allowance coverage, as a percentage of key loan categories, are presented in the following table:

March 31		2022		2021
Components:				
Allowance for loan losses	\$	80,222	\$	78,372
Reserve for unfunded commitments		16,164		18,041
Allowance for credit losses (ACL)	\$	96,386	\$	96,413
ACL as a percentage of:				
Total loans		0.95%		1.15%
Nonaccrual loans	546.00% 293		295.56%	
Impaired loans	4	455.64%	-	286.68%

For further discussion regarding the allowance for loan losses, refer to Note 3 to the consolidated financial statements "Loans, Loan Quality and Allowance for Credit Losses".

#### Liquidity and Funding Sources

The Association's primary source of funding is CoBank. Funds are obtained through borrowing on a revolving line of credit governed by a General Financing Agreement. At March 31, 2022 the Association's note payable to CoBank totaled \$8.4 billion.

The line of credit available to the Association is formula-driven based on Association loan volume and credit quality. Because of the funding relationship with CoBank, the Association does not maintain large balances in cash or other liquid investments. Substantially all of the Association's assets are pledged as security to CoBank. The Association is in full compliance with its financing agreement with CoBank and has capacity under the agreement to borrow funds needed to meet anticipated loan demand.

#### Members' Equity

In conjunction with its annual financial planning process, the Association's Board of Directors reviews and approves a Capitalization Plan. The objective of the plan is to build and maintain adequate capital for continued financial viability and to provide for growth necessary to meet customer needs.

Members' equity, which is available as loanable funds, was \$1.9 billion at March 31, 2022 and consisted of capital stock and participation certificates of \$17.9 million, additional paid in capital of \$354.2 million, unallocated retained earnings of \$1.6 billion, and accumulated other comprehensive loss of (\$72.5) million. The merger with Yankee added \$126.1 million to members equity.

## **Capital Plan and Regulatory Requirements**

The Board of Directors establishes a formal capital adequacy plan that addresses capital goals in relation to risks. The capital adequacy plan assesses the capital level necessary for financial viability and to provide for growth. Our plan is updated annually and approved as part of the Association's annual Business Plan.

As shown in the following table, our capital and leverage ratios exceeded regulatory minimums. If these capital standards are not met, the FCA can impose restrictions, including limiting our ability to pay patronage distributions and retire equities.

March 31	2022	2021	FCA Minimum with Buffer
Common Equity Tier 1 Capital Ratio (CET1)	15.67%	16.35%	7.00%
Tier 1 Capital Ratio	15.67%	16.35%	8.50%
Total Regulatory Capital Ratio (TRC)	16.60%	17.44%	10.50%
Permanent Capital Ratio	15.75%	16.49%	7.00%
Tier 1 Leverage Ratio	16.82%	17.25%	5.00%
UREE Leverage Ratio	16.64%	19.23%	1.50%

For additional information on Capital Regulations, see Note 4 to these consolidated financial statements "Members' Equity".

## **Critical Accounting Estimates**

The financial statements are reported in conformity with accounting principles generally accepted in the United States of America. The Association's significant accounting policies are critical to the understanding of the results of operations and financial position because some accounting policies require management to make complex or subjective judgments and estimates that may affect the value of certain assets or liabilities. Management considers these policies critical because it has to make judgments about matters that are inherently uncertain. For a complete discussion of significant accounting policies, see Note 1 to the consolidated financial statements "Organization and Significant Accounting Policies".

#### **Business Outlook**

Despite periodic setbacks, there is a general sense that the pandemic is fading and the economy has largely recovered by most measures. Prices for many commodities are at or near record highs, boosting top-line revenues for many agricultural producers. However, inflation has surged, causing concern for producers due to rising input costs and in some cases limited availability of inputs. In general, the outlook for most industry sectors served by Farm Credit East is positive, although some businesses may face challenges with margins due to inflation and a tight labor market. Overall GDP growth is expected to slow in the coming year as the post COVID-19 recovery matures.

#### **Forward-Looking Statements**

Certain information included in this report contains forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. Words such as "believes," "could," "estimates," "anticipates," "may," "should," "will," or other variations of these terms or similar expressions are intended to identify forward-looking statements. These statements are based on assumptions and analyses made in light of experience, historical trends, current conditions, and expected future developments. However, actual results and developments may differ materially from our expectations and predictions due to a number of risks and uncertainties, many of which are beyond our control. These risks and uncertainties include, but are not limited to fluctuations in the economy, the relative strengths and weaknesses in the agricultural credit sectors and in the real estate market, and the actions taken by the Federal Reserve in implementing monetary policy.

## Certification

The undersigned certify that they have reviewed this report and it has been prepared in accordance with all applicable statutory and regulatory requirements and that the information contained herein is true, accurate and complete to the best of their knowledge and belief. There were no material changes in the internal control over financial reporting during the three months ended March 31, 2022.

Michael J. Beynolds Auch

Michael J. Reynolds Chief Executive Officer

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Andrew N. Grant Chief Financial Officer

Laurie K. Griffen Chair of the Board

Dated: May 6, 2022

# **CONSOLIDATED BALANCE SHEETS**

(unaudited and dollars in thousands)

	March 31, 2022		Decemb	per 31, 2021
ASSETS				
Loans	\$	10,101,769	\$	9,074,791
Less: Allowance for loan losses		80,222		80,335
Net loans		10,021,547		8,994,456
Cash		19,227		20,345
Accrued interest receivable		27,778		24,468
Investment in CoBank, ACB		285,043		258,584
Premises and equipment, net		28,544		26,032
Other property owned		1,116		857
Other assets		50,736		97,873
Total Assets	\$	10,433,991	\$	9,422,615
LIABILITIES				
Notes payable to CoBank, ACB	\$	8,384,962	\$	7,452,909
Patronage distributions payable		25,500		91,000
Accrued interest payable		7,670		6,410
Reserve for unfunded commitments		16,164		16,064
Other liabilities		105,815		89,593
Total Liabilities		8,540,111	\$	7,655,976
MEMBERS' EQUITY				
Capital stock and participation certificates		17,928	\$	16,688
Additional paid-in capital		354,163		229,198
Unallocated retained earnings		1,594,275		1,565,415
Accumulated other comprehensive loss		(72,486)		(44,662)
Total Members' Equity		1,893,880	\$	1,766,639
Total Liabilities and Members' Equity	\$	10,433,991	\$	9,422,615

The accompanying notes are an integral part of these statements.

## **CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME** (unaudited and dollars in thousands)

	F	or the three n March	 ended
		2022	2021
INTEREST INCOME			
Loans	\$	85,444	\$ 72,562
Other		95	110
Total interest income		85,539	72,672
INTEREST EXPENSE			
Notes payable to CoBank, ACB		19,513	16,845
Other		5	4
Total interest expense		19,518	16,849
Net interest income		66,021	55,823
Provision for loan losses		-	-
Net interest income after provision for loan losses		66,021	55,823
NONINTEREST INCOME			
Patronage income		15,264	10,170
Financially related services income		6,882	6,290
Compensation on participation loans, net		1,378	916
Loan fees		111	1,222
Other income		7	2
Total noninterest income		23,642	18,600
NONINTEREST EXPENSE			
Salaries and employee benefits		19,477	16,820
Occupancy and equipment		1,232	1,094
Insurance Fund premiums		2,909	2,453
Information technology services		6,156	3,982
Other operating expenses		5,026	3,097
Total noninterest expenses		34,800	27,446
Income before income taxes		54,863	46,977
Provision for income taxes		503	463
Net Income	\$	54,360	\$ 46,514
OTHER COMPREHENSIVE INCOME (LOSS)			
Net change in cash flow hedge		(27,826)	(6,213)
Net change in retirement plan liabilities		2	 
Other Comprehensive Income (loss)		(27,824)	 (6,213)
Comprehensive Income	\$	26,536	\$

The accompanying notes are an integral part of these statements.

# **CONSOLIDATED STATEMENTS OF CHANGES IN MEMBERS' EQUITY** (unaudited and dollars in thousands)

	Capital S Partici Certifi	pation	 itional n-Capital	R	allocated etained arnings	Accumula Compre Income	hensive		lembers' Juity
Balance at December 31, 2020	\$	16,041	\$ 229,198	9	5 1,451,018	\$	(34,152)	\$	1,662,105
Comprehensive income (loss)		-	-		46,514		(6,213)		40,301
Capital stock and participation certificates issued		521	-		-		-		521
Capital stock and participation certificates retired		(332)	-		-		-		(332)
Patronage Distribution		-	-		(23,500)		-		(23,500)
Balance at March 31, 2021	\$	16,230	\$ 229,198	9	5 1,474,032	\$	(40,365)	\$	1,679,095
Balance at December 31, 2021	\$	16,688	\$ 229,198	9	5 1,565,415	\$	(44,662)	\$	1,766,639
Comprehensive income (loss)		-	-		54,360		(27,824)		26,536
Capital stock and participation certificates issued		481	-		-		-		481
Capital stock and participation certificates retired		(388)	-		-		-		(388)
Equity re-characterized upon merger		1,147	124,965		-		-		126,112
Patronage Distribution		-	-		(25,500)		-		(25,500)
Balance at March 31, 2022	\$	17,928	\$ 354,163	\$	1,594,275	\$	(72,486)	S	\$ 1,893,880

The accompanying notes are an integral part of these statements.

# **Notes to Consolidated Financial Statements**

(unaudited and dollars in thousands except as noted)

## NOTE 1 – Organization and Significant Accounting Policies

Farm Credit East, ACA (the Association or ACA) and its subsidiaries are part of the Farm Credit System. A description of the organization and operations of the Association, the significant accounting policies followed, and the financial condition and results of operations as of and for the year ended December 31, 2021, are contained in the 2021 Annual Report to Stockholders. These unaudited first quarter 2022 financial statements should be read in conjunction with the 2021 Annual Report to Stockholders.

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, 2021 as contained in the 2021 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 statement 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 ended December 31, 2022. Descriptions of the significant accounting policies are included in the 2021 Annual Report to Stockholders. In the opinion of management, these policies and the presentation of the interim financial condition and results of operations conform to GAAP and prevailing practices within the banking industry.

## **Business Combination**

Effective January 1, 2022, Yankee Farm Credit, ACA (Yankee) was merged into Farm Credit East. Farm Credit East acquired 100% of the assets and liabilities of Yankee. The acquisition method of accounting requires financial statement presentation of combined balances as of the date of the merger, but not previous periods.

As cooperative organizations, Farm Credit associations operate for the mutual benefit of our customer owners and other customers and not for the benefit of any other equity investors; capital stock provides no significant interest in corporate earnings or growth. Specifically, due to restrictions in applicable regulations and their bylaws, the Associations can issue stock only at its par value of \$5 per share, the stock is not tradable, and the stock can be retired only for the lesser of par value or book value. In these and other respects, the shares of stock in one Association that were converted to shares of another Association had identical rights and attributes. For this reason, the conversion of stock pursuant to the merger occurred at a one-for-one exchange ratio.

Management believes that because the stock in each Association is fixed in value, the stock issued pursuant to the merger provides no basis for estimating the fair value of the consideration transferred pursuant to the merger. In the absence of a purchase price determination, Farm Credit East identified and estimated the acquisition date fair value of the equity interests of the acquired Association instead of the acquisition date fair value of the equity interests of the acquired Association instead of the acquisition date fair value of the equity interests transferred as consideration. The fair value of the assets acquired, including specific intangible assets and liabilities assumed, were measured based on various estimates using assumptions that management believes are reasonable utilizing information currently available. The use of different estimates and judgments could yield materially different results.

The merger was accounted for under the acquisition method of accounting in accordance with the FASB Accounting Standards Codification (ASC) 805 *Business Combinations* (ASC 805). As the accounting

acquirer, Farm Credit East recognized the identifiable assets acquired and liabilities assumed in the Merger as of the Effective Date at their respective fair values. The fair value of the net identifiable assets was substantially equal to the fair value of the equity interest exchanged in the merger. As a result, no goodwill was recorded.

The following condensed statement of net assets acquired reflect the fair values assigned to Yankee's net assets as of the acquisition date.

Condensed Statement of Net Assets Acquired	January 1, 2022			
Assets				
Net Loans	\$	538,058		
Cash		38		
Accrued interest receivable		1,954		
Other assets		37,913		
Total Assets	\$	577,963		
Liabilities				
Notes payable	\$	435,797		
Accrued interest payable		331		
Other liabilities		15,723		
Total Liabilities	\$	451,851		
Fair Value of Net Assets Acquired	\$	126,112		

Fair value adjustments to Yankee's assets and liabilities included a \$3.8 million decrease to loans and a \$1.1 million increase to notes payable to reflect changes in interest rates and other market conditions since the time these instruments were issued. These differences will be accreted or amortized into net interest income over the remaining life of the respective loans and debt instruments.

## **Recently Adopted or Issued Accounting Pronouncements**

In June 2016, the FASB issued guidance entitled "Measurement of Credit Losses on Financial Instruments." The guidance replaces the current incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. Credit losses relating to available-for-sale securities would also be recorded through an allowance for credit losses. In November 2019, the FASB approved deferral of the effective date for certain entities for this guidance by two years, which will result in the new credit loss standard becoming effective for interim and annual reporting periods beginning after December 15, 2022. The Association qualifies for the delay in the adoption date. The Association continues to evaluate the impact of adoption on its financial condition, its results of operations and financial statement disclosures.

## NOTE 2 – Loans, Loan Quality and Allowance for Credit Losses

#### Loans Outstanding

Loans outstanding by loan type are shown below.

	022	December 31, 2021			
Real estate mortgage	\$ 4,140,156	41.0%	\$ 3,835,263	42.3%	
Production and intermediate	3,149,803	31.2	2,963,459	32.7	
Agribusiness	2,242,098	22.2	1,755,636	19.3	
Rural infrastructure	473,850	4.7	427,324	4.7	
Rural residential real estate	62,377	0.6	60,152	0.7	
Other	33,485	0.3	32,957	0.3	
Total	\$ 10,101,769	100.0%	\$ 9,074,791	100.0%	

The amount of collateral obtained, if deemed necessary upon extension of credit, is based on management's credit evaluation of the borrower. Collateral held varies, but typically includes farmland and incomeproducing property, such as crops and livestock as well as receivables. Long-term real estate loans are secured by the first liens on the underlying real property. Federal regulations state that long-term real estate loans are not to exceed 85% (97% if guaranteed by a government agency) of the property's appraised value. However, a decline in a property's market value subsequent to loan origination or advances, or other actions necessary to protect the financial interest of the Association in the collateral, may result in the loan to value ratios in excess of the regulatory maximum.

To mitigate the risk of loan losses, the Association may enter into long-term standby commitments to purchase agreements with the Federal Agricultural Mortgage Corporation (Farmer Mac). The agreements, which are effectively credit guarantees that will remain in place until the loans are paid in full, give the Association the right to sell the loans identified in the agreements to Farmer Mac in the event of default (typically four months past due), subject to certain conditions. The balance of loans under long-term standby commitments was \$5.2 million at March 31, 2022 and \$5.5 million at December 31, 2021. Fees paid to Farmer Mac for such commitments totaled \$7 thousand for the three months ended March 31, 2022 and \$6 thousand at March 31, 2021. These amounts are classified as noninterest expense. In addition to Farmer Mac, the Association has credit enhancements with federal and state government agencies totaling \$353.4 million at March 31, 2022 and \$310.6 million at December 31, 2021.

## **Credit Quality**

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

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

The following tables show loans and related accrued interest classified, by management, under the FCA Uniform Loan Classification System as a percentage of total loans and related accrued interest receivable by loan type.

			Substandard/	
March 31, 2022	Acceptable	OAEM	Doubtful	Total
Real estate mortgage	38.2%	1.9%	0.9%	41.0%
Production and Intermediate	29.1	1.2	0.9	31.2
Agribusiness	21.0	0.7	0.5	22.2
Rural infrastructure	4.7	-	-	4.7
Rural residential real estate	0.6	-	-	0.6
Other	0.3	-	-	0.3
Total	93.9%	3.8%	2.3%	100.0%

## **Quarterly Report**

			Substandard/	
December 31, 2021	Acceptable	OAEM	Doubtful	Total
Real estate mortgage	39.6%	1.8%	1.0%	42.4%
Production and Intermediate	30.6	1.0	1.0	32.6
Agribusiness	18.2	0.6	0.5	19.3
Rural infrastructure	4.7	-	-	4.7
Rural residential real estate	0.6	-	-	0.6
Other	0.3	0.1	-	0.4
Total	94.0%	3.5%	2.5%	100.0%

#### **Impaired Loans**

Impaired loans are loans for which it is probable that all principal and interest will not be collected according to the contractual terms. Interest income recognized and payments received on nonaccrual impaired loans are applied in a similar manner as for nonaccrual loans, as described in Note 3 of the 2021 Annual Report to Stockholders.

Impaired loan information is shown in the following table. Loans past due 90 days or more and still accruing interest are adequately secured and in process of collection.

	rch 31, 2022	December 31, 2021		
Nonaccrual loans	\$ 17,653	\$	18,656	
Accruing loans 90 days or more past due	37		137	
Accruing restructured loans	3,465		608	
Total impaired loans	\$ 21,154	\$	19,401	

The following table presents information on impaired loans and related amounts in the allowance for loan losses.

	rch 31, 2022	December 31, 2021		
Impaired loans with related allowance for loan losses	\$ 5,880	\$	5,563	
Impaired loans with no related allowance for loan losses	15,274		13,838	
Total impaired loans	\$ 21,154	\$	19,401	
Total specific allowance	\$ 1,190	\$	1,121	
Total specific allowance	\$ 1,190	\$		

	March 31, 2022	March 31, 2021
Average impaired loans	\$ 19,711	\$ 37,183
Interest income recognized on impaired loans	\$ 650	\$ 795

#### **Commitments on Impaired Ioans**

There were no material commitments to lend additional funds to debtors whose loans were classified as impaired at March 31, 2022.

#### **Loan Delinquencies**

The following tables present an aging of past due loans.

March 31, 2022	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Current	Total Loans	Accruing Loans 90 Days or More Past Due
Real estate mortgage	\$ 5,225	\$ 5,620	\$ 10,845	\$4,129,311	\$ 4,140,156	\$ -
Production and intermediate term	1,835	3,600	5,435	3,144,368	3,149,803	37
Agribusiness	1,633	803	2,436	2,239,662	2,242,098	-
Rural infrastructure	-	-	-	473,850	473,850	-
Rural residential real estate	-	306	306	62,071	62,377	-
Other	-	-	-	33,485	33,485	-
Total	\$ 8,693	\$ 10,329	\$ 19,022	\$10,082,747	\$ 10,101,769	\$ 37

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

December 31, 2021	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Current	Total Loans	Accruing Loans 90 days or More Past Due
Real estate mortgage	\$ 5,552	\$ 4,221	\$ 9,773	\$ 3,825,490	\$ 3,835,263	\$ 136
Production and intermediate term	3,657	4,095	7,752	2,955,707	2,963,459	1
Agribusiness	1,565	972	2,537	1,753,099	1,755,636	-
Rural infrastructure	-	-	-	427,324	427,324	-
Rural residential real estate	-	310	310	59,842	60,152	-
Other	-	-	-	32,957	32,957	-
Total	\$ 10,774	\$ 9,598	\$ 20,372	\$ 9,054,419	\$ 9,074,791	\$ 137

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

#### **Troubled Debt Restructuring**

Troubled debt restructurings (TDRs) are loans in which the Association has granted a concession because the borrower is experiencing financial difficulty. Concessions may include debt forgiveness and /or interest rate reductions.

The Association had no TDRs that occurred during the three months ended March 31, 2022, and none that occurred during the three months ended March 31, 2021. There were eight loans added as TDRs because of the merger with Yankee. During the previous 12 months, there have been no payment defaults on TDR classified loans.

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

	Loans Modified as TDRs				TDRs in Nonaccrual Status*				
		ch 31, 22	Decem 202		March 202			nber 31, 021	
Real estate mortgage	\$	3,410	\$	1,404	\$	289	\$	849	
Production and intermediate term		344		53		-		-	
Total	\$	3,754	\$	1,457	\$	289	\$	849	

\* represents the portion of loans modified as TDRs (first column) that are in nonaccrual status

#### **Allowance for Credit Losses**

The following table presents the changes in the components of the allowance for credit losses. The allowance for credit losses includes the allowance for loan losses and the reserve for unfunded commitments.

	March 31, 2022		March 31, 2021	
Allowance for Loan Losses				
Beginning balance	\$	80,335	\$	73,879
Charge-offs		(39)		(44)
Recoveries		26		62
Transfers from (to) Reserve for Unfunded Commitments		(100)		4,475
Ending balance	\$	80,222	\$	78,372
Reserve for Unfunded Commitments				
Beginning balance		16,064	\$	22,516
Transfers (to) from Allowance for Loan Losses		100		(4,475)
Ending balance	\$	16,164	\$	18,041
Allowance for Credit Losses	\$	96,386	\$	96,413

## NOTE 4 – Members' Equity

A description of the Association's capitalization requirements, protection mechanisms, regulatory capitalization requirements and restrictions, and equities are provided below. Members' equity is described and governed by the Association's capitalization policies. Farm Credit East's capitalization policies are specified in the Bylaws and in the Capitalization Plan approved by the Board of Directors. Copies of the Association's Bylaws and Capitalization Plan are available to members at any time.

## Capital stock and participation certificates

In accordance with the Farm Credit Act, and the Association's capitalization Bylaws and Capitalization Plan, each Association borrower, as a condition of borrowing, is required at the time the loan is made, to invest in Class B stock for agricultural loans or Class B participation certificates for country home and farm related business loans. Association Bylaws require that borrowers acquire capital stock or participation certificates, as a condition of borrowing, at least the lesser of \$1,000 or 2% of the amount of the loan, and not more than 10% of the amount of the loan. Pursuant to the Association Capitalization Plan, the Association Board has determined that Class B stock and Class B participation certificates shall be issued as follows:

For all loans (except where indicated below) Class B stock and Class B participation certificates shall be issued equal to one thousand dollars per customer as a condition of borrowing from this Association. For purposes of borrower stock, a customer is defined as the primary borrower on a loan. The intent of this policy is for each primary customer to have one thousand dollars of stock, regardless of the number of loans or balance on those loans to that customer. Stock shall be purchased at the beginning of a customer's relationship and will not be retired until all loans to that customer are paid in full and there are no funds available for advances.

Exceptions to this policy are:

- At the time of the Farm Credit East mergers in 2010, 2014 and 2022 certain customers with less than one thousand dollars of stock were "grandfathered" at the stock level at conversion. Grandfathered customer stock will be frozen at converted levels until all loans are repaid, at which time the stock will be retired, or increased to one thousand dollars at the time of a future advance or credit action.
- Certain small borrowers (customers with total commitment less than ten thousand dollars initially) will be issued at 10% of the initial commitment, consistent with By-Law limitations.
- Certain interests in loans sold to other financial institutions.
- Loans to be sold into the secondary market

All stock and participation certificates are retired at the discretion of the Association's Board of Directors after considering the capitalization plan as well as regulatory and other requirements.

#### Regulatory capitalization requirements and restrictions

The Farm Credit Administration (FCA) sets minimum regulatory capital requirements for Banks and Associations.

At March 31, 2022, the Association's capital and leverage ratios exceeded regulatory minimums as shown in the following table.

Ratio	Primary Components of Numerator	Denominator	Minimum Requirement	Minimum with Buffer	Ratios as of March 31, 2022
Common Equity Tier 1 (CET1) Capital	Unallocated retained earnings (URE), common cooperative equities (qualifying capital stock and allocated equity) <sup>1</sup>	Risk-adjusted assets	4.5%	7.0%	15.67%
Tier 1 Capital	CET1 Capital, non- cumulative perpetual preferred stock	Risk-adjusted assets	6.0%	8.5%	15.67%
Total Regulatory Capital (TRC)	Tier 1 Capital, allowance for loan losses <sup>2</sup> , common cooperative equities <sup>3</sup> , and term preferred stock and subordinated debt <sup>4</sup>	Risk-adjusted assets	8.0%	10.5%	16.60%
Permanent Capital	Retained earnings, common stock, non-cumulative perpetual preferred stock and subordinated debt, subject to certain limits	Risk-adjusted assets	7.0%	-	15.75%
Tier 1 Leverage*	Tier 1 Capital	Total assets	4.0%	5.0%	16.82%
Unallocated Retained Earnings and URE Equivalents (UREE) Leverage	URE and URE Equivalents	Total assets	1.5%	-	16.64%

\* Must include the regulatory minimum requirement for the URE and UREE Leverage ratio.

<sup>1</sup> Equities outstanding 7 or more years

<sup>2</sup> Capped at 1.25 % of risk-adjusted assets

<sup>3</sup> Outstanding 5 or more years, but less than 7 years

<sup>4</sup> Outstanding 5 or more years

#### **Patronage Distribution**

In December 2021, the Board of Directors approved a patronage resolution. This resolution will allow the Association to pay a patronage refund on 2022 income provided the capital goals and earnings for the Association are achieved. The patronage program is described more fully in the 2021 Annual Report to Stockholders.

#### Accumulated Other Comprehensive Income/Loss

The Association reports accumulated other comprehensive income (loss) as a component of members' equity. Other comprehensive income refers to revenue, expenses, gains and losses that under GAAP are reported as an element of members' equity and comprehensive income but excluded from net income. Other comprehensive income/loss results from the recognition of the retirement plans net unamortized gains and losses and prior service costs or credits of (\$38.9) million at March 31, 2022 and at December 31, 2021. Also included in accumulated other comprehensive income/loss is the unrealized holding gain or loss

on cash flow derivatives of (\$33.6) million and (\$5.8) million at March 31, 2022 and December 31, 2021, respectively. There are no other items affecting comprehensive income or loss.

## **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 an orderly transaction between market participants in the principal or most advantageous market for the asset or liability. The fair value measurement is not an indication of liquidity. See Note 2 and Note 14 to the 2021 Annual Report to Stockholders for additional information.

## Sensitivity to Changes in Significant Unobservable Inputs

Quoted market prices may not be available for the instruments presented below. 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.

#### **Quantitative Information about Recurring and Nonrecurring Fair Value Measurements**

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

Fair Value Measurement Using							 
	L	.evel 1	Le	vel 2	Lev	el 3	 al Fair alue
Assets:							
March 31, 2022							
Derivative assets	\$	-	\$	366	\$	-	\$ 366
Assets held in trust	\$	8,565	\$	-	\$	-	\$ 8,565
December 31, 2021							
Derivative assets	\$	-	\$	3,203	\$	-	\$ 3.203
Assets held in trust	\$	8,533	\$	-	\$	-	\$ 8,533
Liabilities:							
March 31, 2022							
Derivative liabilities	\$	-	\$	33,956	\$	-	\$ 33,956
December 31, 2021							
Derivative liabilities	\$	-	\$	8,967	\$	-	\$ 8,967

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

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

	Fair Value Measurement Using						
	Leve	11	Level	2	L	evel 3	 al Fair alue
Assets:							
March 31, 2022							
Impaired loans	\$	-	\$	-	\$	19,964	\$ 19,964
Other Property Owned	\$	-	\$	-	\$	1,292	\$ 1,292
December 31, 2021							
Impaired loans	\$	-	\$	-	\$	18,280	\$ 18,280
Other Property Owned	\$	-	\$	-	\$	958	\$ 958

		March 31, 2022				December 31, 2021				
	Carry Amou	-	-	<sup>-</sup> air alue	Fair Value Hierarchy		arrying mount		Fair /alue	Fair Value Hierarchy
Financial assets:										
Loans, net	\$ 10,021	,547	\$ 9,8	896,784	Level 3	\$8	,994,456	\$9	,060,223	Level 3
Cash Financial liabilities:	\$ 19	,227	\$	19,227	Level 1	\$	20,345	\$	20,345	Level 1
Notes payable to ACB	\$ 8,384	,962	\$ 8,1	80,859	Level 3	\$ 7	,452,909	\$ 7	,454,230	Level 3

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 below:

## Valuation Techniques

As more fully discussed in Note 2 to the 2021 Annual Report to Stockholders, accounting 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 summary of the valuation techniques used for the Association's assets and liabilities.

#### Cash

The carrying value of cash is a reasonable estimate of fair value.

#### **Assets Held in Trust**

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

#### Loans

Fair value is estimated by discounting the expected future cash flows using CoBank's and/or 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 CoBank's and/or the Association's current loan origination rates as well as management estimates of credit risk. Management has no basis to determine whether the estimated fair values presented would be indicative of the assumptions and adjustments that a purchaser of the Association's loans would seek in an actual sale, which could be less.

#### **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 appraisals or other market-based information. Costs to sell represent transaction costs and are not included as a component of the asset's fair value.

#### **Impaired Loans**

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, these fair value measurements fall within Level 3 of the 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.

#### Notes payable to CoBank, ACB

The notes payable are segregated into pricing pools according to the types and terms of the loans (or other assets) which they fund. Fair value of the note payable is estimated by discounting the anticipated cash flows of each pricing pool using the current rate that would be charged for additional borrowings. For

purposes of this estimate it is assumed the cash flow on the notes is equal to the principal payments on the Association's loan receivables plus accrued interest on the notes payable. This assumption implies that earnings on the Association's interest margin are used to fund operating expenses and capital expenditures.

#### Derivatives

Exchange-traded derivatives valued using quoted prices are classified within Level 1 of the valuation hierarchy. However, few classes of derivative contracts are listed on an exchange; thus, the Association's derivative positions are valued using internally developed models that use as their basis readily observable market parameters and are classified within Level 2 of the valuation hierarchy. Such derivatives include basic interest rate swaps. Derivatives that are valued based upon models with significant unobservable market parameters and that are normally traded less actively or have trade activity that is one way are classified within Level 3 of the valuation hierarchy. The Association does not have any derivatives classified within Level 3.

The models used to determine the fair value of derivative assets and liabilities use an income approach based on observable market inputs, primarily the LIBOR swap curve and volatility assumptions about future interest rate movements.

## NOTE 6 – Derivative Instruments and Hedging Activities

#### **Risk Management Objectives**

The Association maintains an overall interest rate risk management strategy that incorporates the use of derivative instruments to minimize significant unplanned fluctuations in earnings that are caused by interest rate volatility. The Association's goal is to manage interest rate sensitivity by modifying the repricing or maturity characteristics of certain balance sheet assets or liabilities so that the net interest margin is not adversely affected by movements in interest rates. As a result of interest rate fluctuations the Association's interest income and interest expense of hedged variable-rate assets will increase or decrease. The effect of this variability in earnings is expected to be substantially offset by the Association's gains and losses on the derivative instruments that are linked to these hedged assets. The Association considers its strategic use of derivatives to be a prudent method of managing interest rate sensitivity, as it prevents earnings from being exposed to undue risk posed by changes in interest rates.

By using derivative instruments, the Association exposes itself to credit and market risk. Generally, when the fair value of a derivative contract is positive, this indicates that the counterparty owes the Association, thus creating a repayment risk for the Association. When the fair value of the derivative contract is negative, the Association owes the counterparty and, therefore, assumes no repayment risk. The Association's derivative activities are monitored by its asset/liability committee (ALCO) as part of its oversight of asset/liability and treasury functions.

#### **Uses of Derivatives**

The Association enters into interest rate swaps to stabilize net interest income on variable priced loan assets, to the extent they are funded with equity. Under interest rate swap arrangements, the Association agrees with other parties (CoBank) to exchange, at specified intervals, payment streams calculated on a specified notional principal amount, with at least one stream based on a specified floating rate index. The Association's interest-earning assets, to the degree they are funded with debt, are matched with similarly priced and termed liabilities. Volatility in net interest income comes from equity funded variable priced assets. To the degree that variable priced assets are funded with equity, interest rate swaps in which the Association pays the floating rate and receives the fixed rate (receive fixed swaps) are used to reduce the impact of market fluctuations on the Association's net interest income.

The notional amounts of derivatives are shown in the following table:

	March 31, 2022	December 31, 2021
Interest Rate Contracts	\$ 1,370,000	\$ 1,355,000

## Accounting for Derivative Instruments and Hedging Activities

The Association records derivatives as assets and liabilities at their fair value in the consolidated balance sheets and records changes in the fair value of a derivative in accumulated other comprehensive income (loss). The Association only enters into cash flow hedge transactions.

## **Cash Flow Hedges**

The Association uses "receive fixed/pay variable" interest rate swaps to hedge the risk of overall changes in the cash flows of an asset. The asset is defined as a pool of long term variable rate loans equal to the notional amount of the swaps, and not exceeding the Association's equity position. These swaps, which qualify for hedge accounting, have up to a three year term, with a pay rate indexed to the three month London Inter-Bank Offered Rate (LIBOR) or a Secured Overnight Financing Rate (SOFR).

#### Summary of Derivative Instruments and Hedging Activities

A summary of the impact of derivative financial instruments in the consolidated balance sheets is shown in the following table:

	Derivative Assets <sup>(1)</sup>	Derivative Liabilities <sup>(2)</sup>
March 31, 2022		
Interest Rate Contracts	\$ 366	\$ 33,956
December 31, 2021		
Interest Rate Contracts	\$ 3,203	\$ 8,967

<sup>(1)</sup>Derivative assets are included in other assets in the consolidated balance sheets

<sup>(2)</sup>Derivative liabilities are included in other liabilities in the consolidated balance sheets

A summary of the impact of derivative financial instruments in the consolidated statements of comprehensive income is shown in the following tables:

	Net Amount of Gain or (Loss) Recognized in Income on Derivatives <sup>(1)</sup>					
March 31	20	)22	1	2021		
Interest Rate Contracts	\$	1,933	\$	4,116		
<sup>(1)</sup> Located in interest expense in th	e consolidated sta	tements of income f	or each of t	he respective periods presented		

Located in interest expense in the consolidated statements of income for each of the respective periods presented.

	Amount of Gain (Loss) Recognized in Accumulated Other Comprehensive Income (loss) on Derivatives				
March 31	2022	2021			
Interest Rate Contracts	\$ (27,826)	\$ (6,214)			

## **Counterparty Credit Risk**

The Association is exposed to credit loss in the event of nonperformance by other parties to the interest rate swap agreement. If a counterparty fails to fulfill its performance obligations under a derivative contract, the Association's credit risk will equal the fair value gain in a derivative. The Association minimizes the credit (or repayment) risk by only entering into transactions with CoBank, its funding bank and are collateralized through loan agreements. Notwithstanding collateral and netting provisions, our derivative assets and liabilities are not offset in the accompanying consolidated balance sheets.

## NOTE 7 – Subsequent Events

The Association has evaluated subsequent events through May 6, 2022 which is the date the financial statements were issued or available to be issued. No additional subsequent event items met the criteria for disclosure.

Michael J. Reynolds	President and Chief Executive Officer
William S. Bathel	Executive Vice President and Chief Operating Officer
Briana S. Beebe	Executive Vice President and Chief Human Resources Officer
Thomas W. Cosgrove	Executive Vice President of Knowledge Exchange, Public Relations and Marketing
Alena C. Gfeller	Executive Vice President, General Counsel and Corporate Secretary
Andrew N. Grant	Executive Vice President and Chief Financial Officer
Roger E. Murray	Executive Vice President and Chief Marketplace Officer
Daniel Nicholson	Vice President and Chief Audit Executive
David H. Pugh	Executive Vice President and Chief Experience Officer

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Kurt W. AlstedeElectedFruit & VegetableChester, NJMichael N. BrooksElectedVegetableElmer, NJBarry A. BuckElectedPotatoMapleton, MEPeter R. CallElectedVegetableBatavia, NYTim C. ChanAppointedAt LargeClaremont, NHThomas J. ColganAppointedAt LargeLyme, NHDavid F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedNurseryLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Laurie K. Griffen, Chair	Elected	Sod	Stillwater, NY
Michael N. BrooksElectedVegetableElmer, NJBarry A. BuckElectedPotatoMapleton, MEPeter R. CallElectedVegetableBatavia, NYTim C. ChanAppointedAt LargeClaremont, NHThomas J. ColganAppointedAt LargeLyme, NHDavid F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	John P. Knopf, Vice Chair	Elected	Dairy	Canandaigua, NY
Barry A. BuckElectedPotatoMapleton, MEPeter R. CallElectedVegetableBatavia, NYTim C. ChanAppointedAt LargeClaremont, NHThomas J. ColganAppointedAt LargeLyme, NHDavid F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Kurt W. Alstede	Elected	Fruit & Vegetable	Chester, NJ
Peter R. CallElectedVegetableBatavia, NYTim C. ChanAppointedAt LargeClaremont, NHThomas J. ColganAppointedAt LargeLyme, NHDavid F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Michael N. Brooks	Elected	Vegetable	Elmer, NJ
Tim C. ChanAppointedAt LargeClaremont, NHThomas J. ColganAppointedAt LargeLyme, NHDavid F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Barry A. Buck	Elected	Potato	Mapleton, ME
Thomas J. ColganAppointedAt LargeLyme, NHDavid F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Peter R. Call	Elected	Vegetable	Batavia, NY
David F. FolinoElectedMaple SyrupStarksboro, VTDavid E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Tim C. Chan	Appointed	At Large	Claremont, NH
David E. HardieElectedDairyLansing, NYPhilip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedDairyAdams, NYDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Thomas J. Colgan	Appointed	At Large	Lyme, NH
Philip J. JonesElectedAg RetailShelton, CTLouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedNurseryLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	David F. Folino	Elected	Maple Syrup	Starksboro, VT
LouAnne F. KingElectedDairyMadrid, NYJoseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedNurseryLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	David E. Hardie	Elected	Dairy	Lansing, NY
Joseph W. McWattersAppointedAt LargeHamburg, NYJames A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedNurseryLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Philip J. Jones	Elected	Ag Retail	Shelton, CT
James A. Robbins IIElectedForestrySearsmont, MELisa P. SellewElectedNurseryLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	LouAnne F. King	Elected	Dairy	Madrid, NY
Lisa P. SellewElectedNurseryLebanon, CTDouglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Joseph W. McWatters	Appointed	At Large	Hamburg, NY
Douglas W. ShelmidineElectedDairyAdams, NYKyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	James A. Robbins II	Elected	Forestry	Searsmont, ME
Kyle ThygesenElectedDairyTurnbridge, VTPeter H. TriandafillouAppointedCustomerOrono, ME	Lisa P. Sellew	Elected	Nursery	Lebanon, CT
Peter H. Triandafillou Appointed Customer Orono, ME	Douglas W. Shelmidine	Elected	Dairy	Adams, NY
II · · · · · · · · · · · · · · · · · ·	Kyle Thygesen	Elected	Dairy	Turnbridge, VT
Terry R. Zittel Elected Vegetables Eden, NY	Peter H. Triandafillou	Appointed	Customer	Orono, ME
	Terry R. Zittel	Elected	Vegetables	Eden, NY



#### MAIN OFFICE

240 South Road Enfield, CT 06082 800.562.2235 860.741.4380

#### **BRANCH OFFICES**

Auburn, ME Shannon Webber, Manager 615 Minot Avenue Auburn, ME 04210 800.831.4230 207.784.0193

#### Batavia, NY

Patrick Coates, Manager 4363 Federal Drive Batavia, NY 14020 800.929.1350 585.815.1900

#### Bedford, NH

David Bishop, Manager 2 Constitution Drive Bedford, NH 03110 800.825.3252 603.472.3554

#### Bridgeton, NJ

Scott Andersen, Manager 29 Landis Avenue Bridgeton, NJ 08302 800.219.9179 856.451.0933

#### Burrville, NY

Kathryn Canzonier, Manager 25417 NYS Route 12 Watertown, NY 13601 800.626.3276 315.782.6050

#### Claverack, NY

Timothy Slavin, Manager 190 State Route 9H Hudson, NY 12534 800.362.4404 518.851.3313

#### Cooperstown, NY

Robert Yurkewecz, Manager 7397 State Highway 80 Cooperstown, NY 13326 800.762.3276 607.282.3002

#### Cortland, NY

Jean Gallagher, Manager One Technology Place, Suite 2 Homer, NY 13077 800.392.3276 607.749.7177

#### **Country Living**

Ted Black, Director 7397 State Highway 80 Cooperstown, NY 13326 800.762.3276 607.282.3002

#### Dayville, CT

David Bishop, Manager 785 Hartford Pike Dayville, CT 06241 800.327.6785 860.774.0717

#### Derby, VT

Loren Petzoldt, Manager 250 Commerce Way Newport, VT 05855 (Mailing) Derby, VT 05829 (Physical) 800.370.2738 802.334.8050

#### Enfield, CT

Michael McPhail, Manager 240 South Road Enfield, CT 06082 800.562.2235 860.741.4380

#### Flemington, NJ

Stephen Makarevich, Manager 9 County Road 618 Lebanon, NJ 08833 800.787.3276 908.782.5215

#### Geneva, NY

Stephen Tudhope, Manager 1450 Route 14 Phelps, NY 14532 800.929.7102 315.781.7100

#### Greenwich, NY

Christopher Truso, Manager 394 State Route 29 Greenwich, NY 12834 800.234.0269 518.692.0269

#### Hornell, NY

Patrick Coates, Manager 1155 Airport Road Hornell, NY 14843 800.929.2025 607.324.2020

#### Mayville, NY

Jenny Montalbano, Manager 28 E. Chautauqua Mayville, NY 14757 800.929.2144 716.753.2144

#### Middleboro, MA

Cynthia Stiglitz, Manager 67 Bedford Street Middleboro, MA 02346 800.946.0506 508.946.4455

#### Middlebury, VT

Kristi Wood, Manager 320 Exchange St. Middlebury, VT 05753 800.545.1169 802.388.2692

#### Middletown, NY

Blane Allen, Manager 669 East Main Street Middletown, NY 10940 888.792.3276 845.343.1802

#### Potsdam, NY

Michael Haycook, Manager One Pioneer Drive Potsdam, NY 13676 800.295.8431 315.265.8452

#### Presque Isle, ME

Ghent Holdsworth, Manager 26 Rice Street Presque Isle, ME 04769 800.831.4640 207.764.6431

#### Riverhead, NY

Patrick Wiles, Manager 1281 Route 58 Riverhead, NY 11901 800.890.3028 631.727.2188

#### St. Albans, VT

Kristi Wood, Manager 130 Upper Welden St. P.O. Box 240 St. Albans, VT 05478 800.545.1097 802.524.2938

#### White River Jct., VT

Cory Haggett, Manager 52 Farmvu Dr. White River Jct., VT 05001 800.370.3276 802.295.3670

#### Williston, VT

White Rive

289 Hurricane Lane Suite 202 Williston, VT 05495 800.639.3053 802.879.4700

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