Farm Credit Services of Mandan, ACA

2022 ANNUAL REPORT

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Farm Credit Services of Mandan, ACA

MESSAGE FROM THE CHIEF EXECUTIVE OFFICER

Dear Farm Credit Services of Mandan, ACA Member:

We are proud to present the 2022 Annual Report to shareholders of Farm Credit Services of Mandan, ACA. Your cooperative had another strong year despite rising inflation and interest rate markets. Some of this year's highlights include:

Financial Strength: This annual report reflects our excellent financial performance in 2022. I encourage you to review the report's "Management's Discussion and Analysis", financial statements, and footnotes to learn more about our success. Below is a summary of our financial success in 2022:

- Net income of $27.0 million
- Financially related services income of $4.9 million
- Average loan asset growth of 5.7%
- Total capital ratio of 18.0%
- Total members' equity of $337.6 million
- Credit quality is strong at 98.7%

Enhanced Patronage: The Association continues to be successful and remain financially strong. Our performance and strong financial position allowed the Board of Directors to declare a cash patronage distribution of $10.3 million for 2022. This is an increase of $3.3 million over the 2021 cash patronage distribution. The remainder of our 2022 profits have been reinvested in the cooperative to position your association for the future of supporting agriculture and rural communities in southwest North Dakota.

Staffing: Our success truly takes a team effort, and I am proud of our staff's expertise, professionalism, and work ethic. In 2022, we continued transitioning many positions at the Association due to planned retirements of tenured staff. I am pleased that we continue to attract talented, and energetic individuals during this transition that have new ideas to enhance your association. As we look to our future, we always welcome stockholders' feedback on how to grow and deliver our products and services.

Technology Enhancements: We continue to invest heavily in technology enhancements throughout our Association. One product that I want to highlight is "My Access," an online banking platform which provides a safe and secure site for a multitude of online banking services. We also offer a mobile banking app, which includes remote deposits, electronic transfers, and much more. I would encourage you to visit our website or talk to your local branch office about the ease of accessibility to our online banking products.

Continued Commitment to Producer Education: Our commitment to producer education continues with free educational seminars throughout our territory to help our producers learn and earn more. From estate planning to commodity marketing to leasing options, we hope to give you the tools your operation needs to control risk, expand, and transition to the next generation.

Your association is a great place to do business. It is truly a pleasure to work with you.

Sincerely,

Aaron Vetter

Aaron Vetter
President and Chief Executive Officer
Farm Credit Services of Mandan, ACA

March 3, 2023

CONSOLIDATED FIVE-YEAR SUMMARY OF SELECTED FINANCIAL DATA

Farm Credit Services of Mandan, ACA

(dollars in thousands)

As of December 31	**2022**	2021	2020	2019	2018
Condensed Statement of Condition Data					
Loans	**$ 1,503,810**	$ 1,370,560	$ 1,326,350	$ 1,245,427	$ 1,150,629
Allowance for loan losses	**3,817**	3,207	4,148	3,493	3,225
Net loans	**1,499,993**	1,367,353	1,322,202	1,241,934	1,147,404
Investment in AgriBank, FCB	**41,114**	34,124	32,593	32,034	28,933
Other assets	**40,215**	35,414	32,890	36,164	34,212
Total assets	**$ 1,581,322**	$ 1,436,891	$ 1,387,685	$ 1,310,132	$ 1,210,549
Obligations with maturities of one year or less	**$ 27,019**	$ 18,045	$ 15,042	$ 17,187	$ 15,671
Obligations with maturities greater than one year	**1,216,745**	1,098,284	1,073,388	1,016,564	940,592
Total liabilities	**1,243,764**	1,116,329	1,088,430	1,033,751	956,263
Capital stock and participation certificates	**2,039**	2,098	2,084	2,094	2,156
Unallocated surplus	**336,587**	319,770	298,235	275,314	253,073
Accumulated other comprehensive loss	**(1,068)**	(1,306)	(1,064)	(1,027)	(943)
Total members' equity	**337,558**	320,562	299,255	276,381	254,286
Total liabilities and members' equity	**$ 1,581,322**	$ 1,436,891	$ 1,387,685	$ 1,310,132	$ 1,210,549

For the year ended December 31	**2022**	2021	2020	2019	2018
Condensed Statement of Income Data					
Net interest income	**$ 37,159**	$ 33,785	$ 34,596	$ 33,381	$ 33,438
Provision for loan losses	**613**	(955)	896	471	393
Other expenses, net	**9,502**	6,205	5,980	6,169	7,438
Net income	**$ 27,044**	$ 28,535	$ 27,720	$ 26,741	$ 25,607
Key Financial Ratios					
For the Year					
Return on average assets	**1.8%**	2.0%	2.0%	2.1%	2.1%
Return on average members' equity	**8.2%**	9.1%	9.6%	10.1%	10.6%
Net interest income as a percentage of average earning assets	**2.6%**	2.5%	2.6%	2.8%	2.9%
Net charge-offs (recoveries) as a percentage of average loans	**0.0%**	(0.0%)	0.0%	0.0%	0.0%
At Year End					
Members' equity as a percentage of total assets	**21.3%**	22.3%	21.6%	21.1%	21.0%
Allowance for loan losses as a percentage of loans	**0.3%**	0.2%	0.3%	0.3%	0.3%
Common equity tier 1 ratio	**17.8%**	18.3%	17.5%	17.5%	16.7%
Tier 1 capital ratio	**17.8%**	18.3%	17.5%	17.5%	16.7%
Total capital ratio	**18.0%**	18.5%	17.8%	17.8%	16.9%
Permanent capital ratio	**17.8%**	18.4%	17.6%	17.6%	16.7%
Tier 1 leverage ratio	**20.5%**	21.4%	19.9%	19.6%	19.0%
Net Income Distributed					
For the Year					
Patronage distributions payable to members	**$ 10,250**	$ 7,000	$ 4,800	$ 4,500	$ 2,400

The patronage distributions payable to members for the years ended December 31, 2022, 2021, 2020, 2019, and 2018, were distributed in cash during the first quarter of each subsequent year. No income was distributed to members in the form of dividends, stock, or allocated surplus during these periods.

MANAGEMENT'S DISCUSSION AND ANALYSIS

Farm Credit Services of Mandan, ACA

The following commentary reviews the consolidated financial condition and consolidated results of operations of Farm Credit Services of Mandan, ACA (the Association) and its subsidiaries, Farm Credit Services of Mandan, FLCA and Farm Credit Services of Mandan, PCA and provides additional specific information. The accompanying Consolidated Financial Statements and Notes to the Consolidated Financial Statements also contain important information about our financial condition and results of operations.

The Farm Credit System (System) is a federally chartered network of borrower-owned lending institutions comprised of cooperatives and related service organizations, established by Congress to meet the credit needs of American agriculture. As of January 1, 2023, the System consisted of three Farm Credit Banks, one Agricultural Credit Bank, and 61 borrower-owned cooperative lending institutions (associations). The System serves all 50 states, Washington D.C., and Puerto Rico. This network of financial cooperatives is owned and governed by the rural customers the System serves.

AgriBank, FCB (AgriBank), a System Farm Credit Bank, and its District associations are collectively referred to as the AgriBank Farm Credit District (AgriBank District or the District). We are an association in the District.

The Farm Credit Administration (FCA) is authorized by Congress to regulate the System. The Farm Credit System Insurance Corporation (FCSIC) administers the Farm Credit Insurance Fund (Insurance Fund). The Insurance Fund is used to ensure the timely payment of principal and interest on Systemwide debt obligations, to ensure the retirement of protected borrower capital at par or stated value, and for other specified purposes.

Due to the nature of our financial relationship with AgriBank, the financial condition and results of operations of AgriBank materially impact our members' investment. To request free copies of AgriBank financial reports, contact us at:

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Our Annual Report is available on our website no later than 75 days after the end of the calendar year and members are provided a copy of such report no later than 90 days after the end of the calendar year. The Quarterly Reports are available on our website no later than 40 days after the end of each calendar quarter. To request free copies of our Annual or Quarterly Reports, contact us as stated above.

FORWARD-LOOKING INFORMATION

This Annual Report includes 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 "anticipate", "believe", "estimate", "may", "expect", "intend", "outlook", and similar expressions are used to identify such forward-looking statements. These statements reflect our current views with respect to future events. However, actual results may differ materially from our expectations due to a number of risks and uncertainties which may be beyond our control. The information in this report is based on current knowledge and is subject to many risks and uncertainties including, but not limited to:

- Political (including trade policies, environmental policies, and civil unrest), legal, regulatory, financial markets, and economic conditions, or other conditions and developments in the United States (U.S.) and abroad
- Length and severity of an epidemic or pandemic
- Economic fluctuations in the agricultural, international, rural, and farm-related business sectors
- Weather-related, disease, and other adverse climatic or biological conditions that periodically occur and can impact agricultural productivity and income
- Changes in U.S. government support of the agricultural industry (including government support payments) and the System as a government-sponsored enterprise, as well as investor and rating agency reactions to events involving the U.S. government, other government-sponsored enterprises, and other financial institutions
- Actions taken by the Federal Reserve System in implementing monetary policy
- Cybersecurity risks, including a failure or breach of our operational or security systems or infrastructure, or those of our third-party vendors or other service providers
- Credit, interest rate, and liquidity risks inherent in our lending activities
- Disruptive technologies impacting the banking and financial services industries or implemented by our competitors which negatively impact our ability to compete in the marketplace
- Changes in our assumptions for determining the allowance for credit losses and fair value measurements
- Industry outlooks for agricultural conditions
- Changes in interest rate indices utilized in our lending

AGRICULTURAL AND ECONOMIC CONDITIONS

A cold, wet spring delayed planting in some counties in our territory causing farmers to plant around low lying areas. Some fields qualified for prevent plant payments. Early pasture and hay land conditions were positive throughout most of our territory. The spring moisture was adequate for small grains, but as conditions began to turn dry in mid-summer, yields on row crops were adversely affected. Commodity prices for most crops grown in our service area improved and have provided favorable opportunities for marketing old crop inventories and 2022 production.

Cow/calf operations were challenged with two late spring blizzards, but pasture and hay lands benefited from the moisture. In the spring, cattle futures prices dropped from early 2022 highs. They recovered through the summer, but began to decline in the second half of 2022. Cash prices for calves and yearlings remained favorable during 2022.

Most real estate prices have increased, and late 2022 sales have shown some continued strengthening in most areas of our territory.

Despite the above challenges, improved commodity prices, crop insurance coverage, and additional government assistance programs should allow most producers to remain viable, obtain financing, and continue their farming and ranching operations.

LOAN PORTFOLIO

Loan Portfolio

Total loans were $1.5 billion at December 31, 2022, an increase of $133.3 million from December 31, 2021.

Components of Loans

(in thousands) As of December 31	**2022**	2021	2020
Accrual loans:			
Real estate mortgage	**$ 544,793**	$ 527,370	$ 487,760
Production and intermediate-term	**381,912**	344,940	378,397
Agribusiness	**369,097**	319,716	293,713
Other	**202,905**	173,284	156,958
Nonaccrual loans	**5,103**	5,250	9,522
Total loans	**$ 1,503,810**	$ 1,370,560	$ 1,326,350

The other category is primarily composed of rural infrastructure related loans.

The increase in total loans from December 31, 2021, was primarily due to growth in agribusiness and rural infrastructure participation volume through our alliance with AgCountry Capital Markets and growth in our production and intermediate-term loan portfolio.

We have sold to AgriBank participation interests in certain loans as part of pool programs. The total outstanding participation interests in these programs were $45.0 million, $34.1 million, and $52.9 million at December 31, 2022, 2021, and 2020, respectively.

Typically, our production and intermediate-term loan portfolio exhibits some seasonality relating to patterns of operating loans made to crop producers. These loans are normally at their lowest levels following the harvest and then increase in the spring and throughout the rest of the year as borrowers fund operating needs. Finally, borrower tax planning strategies resulted in an increase of production and intermediate-term loans at the end of the year, which are generally followed by sharp pay-downs the following year.

We offer variable, fixed, indexed, and adjustable interest rate loan programs to our borrowers. We determine interest margins charged on each lending program based on cost of funds, credit risk, market conditions, and the need to generate sufficient earnings. We also offer lease programs through our affiliation with Farm Credit Leasing Services Corporation. Refer to the Other Relationships and Programs section of Management's Discussion and Analysis.

Throughout this Annual Report, there may be references to loan volume which is defined as loan principal plus accrued interest receivable.

Portfolio Distribution

We are chartered to serve certain counties in North Dakota. In 2022, 53.3% of our portfolio was in North Dakota. The remainder of our portfolio is purchased outside of the state to support rural America and to diversify our portfolio risk. Approximately 16.2% of our total loan portfolio was in the counties of Burleigh, Stark, and Morton at December 31, 2022.

Agricultural Concentrations

As of December 31	**2022**	2021	2020
Cash grains, excluding wheat	**29.7%**	30.4%	30.8%
Processing and marketing	**24.1%**	22.5%	20.0%
General livestock	**12.9%**	13.8%	14.7%
Beef and cattle	**11.3%**	11.5%	11.7%
Rural utilities	**8.6%**	8.2%	8.1%
Wheat	**3.4%**	3.3%	3.8%
Landlords	**3.7%**	4.1%	3.8%
Other	**6.3%**	6.2%	7.1%
Total	**100.0%**	100.0%	100.0%

Commodities are based on the borrower's primary intended commodity at the time of loan origination and may change due to borrower business decisions as a result of changes in weather, prices, input costs, and other circumstances.

Portfolio Credit Quality

The credit quality of our portfolio improved from December 31, 2021. Adversely classified loans decreased to 1.3% of the portfolio at December 31, 2022, from 1.9% of the portfolio at December 31, 2021. Adversely classified loans are loans we have identified as showing some credit weakness according to our credit standards. We have considered portfolio credit quality in assessing the reasonableness of our allowance for loan losses. Additional credit quality information is included in Note 3 to the accompanying Consolidated Financial Statements.

In certain circumstances, government agency guarantee programs are used to reduce the risk of loss. At December 31, 2022, $33.1 million of our loans were substantially guaranteed under these government programs.

Risk Assets

Components of Risk Assets

(dollars in thousands)

As of December 31	**2022**	2021	2020
Loans:			
Nonaccrual	**$ 5,103**	$ 5,250	$ 9,522
Accruing restructured	**--**	--	--
Accruing loans 90 days or more past due	**--**	--	--
Total risk loans	**5,103**	5,250	9,522
Other property owned	**--**	--	--
Total risk assets	**$ 5,103**	$ 5,250	$ 9,522
Total risk loans as a percentage of total loans	**0.3%**	0.4%	0.7%
Nonaccrual loans as a percentage of total loans	**0.3%**	0.4%	0.7%
Current nonaccrual loans as a percentage of total nonaccrual loans	**92.4%**	88.9%	20.2%
Total delinquencies as a percentage of total loans	**0.2%**	0.2%	0.7%

Note: Accruing loans include accrued interest receivable.

Our risk assets have decreased from December 31, 2021, and have remained at acceptable levels. Total risk loans as a percentage of total loans were well within our established risk management guidelines.

Allowance for Loan Losses

The allowance for loan losses is an estimate of losses on loans inherent in our portfolio as of the financial statement date. We determine the appropriate level of allowance for loan losses based on the periodic evaluation of factors such as loan loss history, estimated probability of default, estimated loss severity, portfolio quality, and current economic and environmental conditions.

Allowance Coverage Ratios

As of December 31	**2022**	2021	2020
Allowance as a percentage of:			
Loans	**0.3%**	0.2%	0.3%
Nonaccrual loans	**74.8%**	61.1%	43.6%
Total risk loans	**74.8%**	61.1%	43.6%
Net charge-offs (recoveries) as a percentage of average loans	**0.0%**	(0.0%)	0.0%
Adverse assets to capital and allowance for loan losses	**5.9%**	8.1%	6.1%

In our opinion, the allowance for loan losses was reasonable in relation to the risk in our loan portfolio at December 31, 2022.

Effective January 1, 2023, we adopted Accounting Standards Update (ASU) 2016-13 "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments" (CECL). This guidance established a single allowance framework for all financial assets measured at amortized cost and certain off-balance sheet credit exposures, and replaced the incurred loss guidance. This framework requires that management's estimate reflects credit losses over the asset's remaining expected life and considers expected future changes in macroeconomic conditions. The allowance for credit losses comprises the allowance for credit losses on loans and the allowance for unfunded commitments.

After adoption of this guidance, the allowance for credit losses takes into consideration relevant information about past events, current conditions, and macroeconomic forecasts of future conditions. An economic scenario is considered over a reasonable and supportable forecast period, after which, the framework incorporates historical loss experience. Final loss estimates also consider factors affecting credit losses not reflected in the scenario, due to the unique aspects of current conditions and expectations. These factors may include, but are not limited to, lending policies, portfolio concentrations, regulatory guidance, and/or lags in economic forecast information.

As a result of adoption of this guidance, the allowance for loan losses decreased by $1.2 million and a reserve for unfunded commitments of $600 thousand was recognized. The decrease in the allowance for loan losses is largely due to the requirement of the standard to estimate losses to the assets' contractual maturities, resulting in a decrease of allowances to our portfolios. Additional information related to the adoption of this new guidance is included in Note 2 to the accompanying Consolidated Financial Statements.

Additional loan information is included in Notes 3, 9, 10, and 11 to the accompanying Consolidated Financial Statements.

RESULTS OF OPERATIONS

Profitability Information

(dollars in thousands)

For the year ended December 31	**2022**	2021	2020
Net income	**$ 27,044**	$ 28,535	$ 27,720
Return on average assets	**1.8%**	2.0%	2.0%
Return on average members' equity	**8.2%**	9.1%	9.6%

Changes presented in the profitability information chart relate directly to:

- Changes in income discussed in this section
- Changes in assets discussed in the Loan Portfolio section
- Changes in capital discussed in the Capital Adequacy section

Changes in Significant Components of Net Income

	For the year ended December 31			Increase (decrease) in net income	
(in thousands)	**2022**	2021	2020	**2022 vs 2021**	2021 vs 2020
Net interest income	**$ 37,159**	$ 33,785	$ 34,596	**$ 3,374**	$ (811)
Provision for loan losses	**613**	(955)	896	**(1,568)**	1,851
Non-interest income	**13,438**	15,561	14,251	**(2,123)**	1,310
Non-interest expense	**22,924**	20,851	20,216	**(2,073)**	(635)
Provision for income taxes	**16**	915	15	**899**	(900)
Net income	**$ 27,044**	$ 28,535	$ 27,720	**$ (1,491)**	$ 815

Net Interest Income

Changes in Net Interest Income

(in thousands)

For the year ended December 31	**2022 vs 2021**	2021 vs 2020
Changes in volume	**$ 1,683**	$ 860
Changes in interest rates	**1,801**	(1,847)
Changes in nonaccrual income and other	**(110)**	176
Net change	**$ 3,374**	$ (811)

Net interest income included income on nonaccrual loans that totaled $214 thousand, $323 thousand, and $148 thousand in 2022, 2021, and 2020, respectively. Nonaccrual interest income is recognized when received in cash, collection of the recorded investment is fully expected, and prior charge-offs have been recovered.

Net interest margin (net interest income as a percentage of average earning assets) was 2.6%, 2.5%, and 2.6% in 2022, 2021, and 2020, respectively. Our net interest margin is sensitive to interest rate changes and competition.

Provision for Loan Losses

The change in the provision for loan losses was related to our estimate of losses in our portfolio for the applicable years. Additional information is included in Note 3 to the accompanying Consolidated Financial Statements.

Non-Interest Income

The change in non-interest income was primarily due to a decrease in fee income due to fees no longer being collected from the Small Business Administration (SBA) for originating Paycheck Protection Plan (PPP) loans. Fee income from this activity totaled $2.6 million for 2021. No SBA PPP loan fees were collected in 2022.

Non-Interest Expense

Components of Non-interest Expense

(dollars in thousands)

For the year ended December 31		2022		2021		2020
Salaries and employee benefits	**$**	**13,702**	$	12,831	$	12,637
Other operating expense:						
Purchased and vendor services		**2,024**		1,812		1,812
Communications		**147**		152		156
Occupancy and equipment		**1,480**		1,204		1,097
Advertising and promotion		**424**		423		376
Examination		**511**		473		454
Farm Credit System insurance		**2,268**		1,721		1,045
Other		**2,368**		2,235		2,626
Other non-interest expense		**--**		--		13
Total non-interest expense	**$**	**22,924**	$	20,851	$	20,216
Operating rate		**1.6%**		1.5%		1.5%

The Farm Credit System insurance expense increased in 2022 primarily due to an increase in the Insurance Fund premium rate on Systemwide adjusted insured debt. The premium rate, which is primarily impacted by System growth, was 20 basis points for 2022, compared to 16 basis points for 2021. The FCSIC has announced premiums will be 18 basis points for 2023. The FCSIC Board meets periodically throughout the year to review premium rates and has the ability to change these rates at any time. See Note 1 for additional information on the Insurance Fund.

Provision for Income Taxes

The change in provision for income taxes was primarily related to our estimate of taxes based on taxable income. Patronage distributions to members reduced our tax liability in 2022, 2021, and 2020. Additional disclosure is included in Note 7 to the accompanying Consolidated Financial Statements.

FUNDING AND LIQUIDITY

We borrow from AgriBank, under a note payable, in the form of a line of credit, as described in Note 5 to the accompanying Consolidated Financial Statements. This line of credit is our primary source of liquidity and is used to fund operations and meet current obligations. At December 31, 2022, we had $372.6 million available under our line of credit. We generally apply excess cash to this line of credit. Due to the cooperative structure of the Farm Credit System and as we are a stockholder of AgriBank, we expect this borrowing relationship to continue into the foreseeable future. Our other source of lendable funds is from equity.

Note Payable Information

(dollars in thousands)

For the year ended December 31		2022		2021		2020
Average balance	**$**	**1,148,903**	$	1,086,239	$	1,076,798
Average interest rate		**2.0%**		1.1%		1.5%

Our average cost of funds is variable and may fluctuate based on the current interest rate environment.

ICE Benchmark Administration (the entity responsible for calculating the London Inter-bank Offer Rate (LIBOR)) ceased the publication of the one-week and two-month USD LIBOR settings immediately following the LIBOR publication on December 31, 2021, and has announced it intends to cease publication of the remaining USD LIBOR settings immediately following the LIBOR publication on June 30, 2023. It is widely anticipated that the Secured Overnight Financing Rate (SOFR) published by the CME group will generally be the fallback to LIBOR.

The repricing attributes of our line of credit generally correspond to the repricing attributes of our loan portfolio, which significantly reduces our market interest rate risk. However, we maintain some exposure to interest rates, including LIBOR, primarily from loans to customers which may not have a component of our line of credit with an exact repricing attribute. With limited exceptions in accordance with FCA guidance, we have ceased issuing new loans indexed to LIBOR and all remaining loans indexed to LIBOR have appropriate fallback language.

The Farm Credit System has established a LIBOR transition workgroup to provide leadership in addressing the LIBOR phase-out across System entities. In coordination with this group, we have developed a comprehensive project plan to address the issues surrounding a transition away from LIBOR. This plan is consistent with regulatory guidance from the FCA, and it incorporates actions to address risk identification and reporting, mitigation strategies, development or adoption of products utilizing alternative reference rates, operational and system impacts, a process for monitoring regulatory and industry developments, as well as communication to stakeholders. While many factors can impact our net interest income, we do not expect a significant impact due to the LIBOR transition at this time.

CAPITAL ADEQUACY

Total members' equity was $337.6 million, $320.6 million, and $299.2 million at December 31, 2022, 2021, and 2020, respectively. Total members' equity increased $17.0 million from December 31, 2021, primarily due to net income for the year partially offset by patronage distribution accruals. Effective January 1, 2023, we adopted the CECL accounting guidance. The adoption of this guidance resulted in a cumulative effect adjustment to equity at January 1, 2023. Refer to Note 2 for additional information regarding the CECL adoption and cumulative effect adjustment to equity.

The FCA Regulations require us to maintain minimums for our common equity tier 1, tier 1 capital, total capital, and permanent capital risk-based capital ratios. In addition, the FCA requires us to maintain minimums for our non-risk-adjusted ratios of tier 1 leverage and unallocated retained earnings and equivalents leverage. Effective January 1, 2022, the FCA Regulations slightly modified the calculation of the unallocated retained earnings and equivalents leverage ratio to include certain additional deductions. The modification did not have a material impact on this ratio.

Regulatory Capital Requirements and Ratios

As of December 31	**2022**	2021	2020	Regulatory Minimums	Capital Conservation Buffer	Total
Risk-adjusted:						
Common equity tier 1 ratio	**17.8%**	18.3%	17.5%	4.5%	2.5%	7.0%
Tier 1 capital ratio	**17.8%**	18.3%	17.5%	6.0%	2.5%	8.5%
Total capital ratio	**18.0%**	18.5%	17.8%	8.0%	2.5%	10.5%
Permanent capital ratio	**17.8%**	18.4%	17.6%	7.0%	N/A	7.0%
Non-risk-adjusted:						
Tier 1 leverage ratio	**20.5%**	21.4%	19.9%	4.0%	1.0%	5.0%
Unallocated retained earnings and equivalents leverage ratio	**20.3%**	22.4%	20.9%	1.5%	N/A	1.5%

Our capital plan is designed to maintain an adequate amount of surplus and allowance for loan losses which represents our reserve for adversity prior to impairment of stock. We manage our capital to allow us to meet member needs and protect member interests, both now and in the future.

Capital ratios are directly impacted by changes in capital, assets, and off-balance sheet commitments. Refer to the Loan Portfolio section for further discussion of the changes in assets. Additional information on regulatory ratios and members' equity information is included in Note 6 to the accompanying Consolidated Financial Statements and information on off-balance sheet commitments is included in Note 10 to the accompanying Consolidated Financial Statements.

In addition to these regulatory requirements, we establish an optimum total capital target range. This target allows us to maintain a capital base adequate for future growth and investment in new products and services. The target range is subject to revision as circumstances change. Our optimum total capital target range is 14% to 18%, as defined in our 2023 capital plan.

If the capital ratios fall below the total requirements, including the buffer amounts, capital distributions (equity redemptions, dividends, and patronage) and discretionary senior executive bonuses are restricted or prohibited without prior FCA approval. We do not foresee any events that would result in this prohibition in 2023.

RELATIONSHIP WITH AGRIBANK

Borrowing

We borrow from AgriBank to fund our lending operations in accordance with the Farm Credit Act. Approval from AgriBank is required for us to borrow elsewhere. A General Financing Agreement (GFA), as described in Note 5 to the accompanying Consolidated Financial Statements, governs this lending relationship.

The components of cost of funds under the GFA include:

- A marginal cost of debt component
- A spread component, which includes cost of servicing, cost of liquidity, and bank profit
- A risk premium component, if applicable

In the periods presented, we were not subject to the risk premium component. Certain factors may impact our cost of funds, which primarily include market interest rate changes impacting marginal cost of debt as well as changes to pricing methodologies impacting the spread components described above.

The marginal cost of debt approach simulates matching the cost of underlying debt with similar terms as the anticipated terms of our loans to borrowers. This approach substantially protects us from market interest rate risk. We may occasionally engage in funding strategies that result in limited interest rate risk with approval by AgriBank's Asset/Liability Committee.

Investment

We are required to invest in AgriBank capital stock as a condition of borrowing. This investment may be in the form of purchased stock or stock representing distributed AgriBank surplus. As of December 31, 2022, we were required by AgriBank to maintain an investment equal to 2.55% of the average quarterly balance of our note payable. The required investment increased to 3.0% for 2023.

We are also required to hold additional investment in AgriBank based on contractual agreements under pool programs.

Patronage

AgriBank's capital plan is intended to provide for adequate capital at AgriBank under capital regulations as well as to create a path to long-term capital optimization within the AgriBank District. The plan optimizes capital at AgriBank; distributing available AgriBank earnings in the form of patronage, either cash or AgriBank stock, which is at the sole discretion of the AgriBank Board of Directors. The plan is designed to maintain capital adequacy such that sufficient earnings will be retained in the form of unallocated retained earnings and allocated stock to meet the leverage ratio target and other regulatory or policy constraints prior to any cash patronage distributions.

Purchased Services

As of December 31, 2022, we purchased certain business services from AgriBank. Until the formation of SunStream Business Services (SunStream) on April 1, 2020, we also purchased financial and retail information technology, collateral, tax reporting, and insurance services from AgriBank. These services are now purchased from SunStream. For further discussion on our relationship with SunStream see the Other Relationships and Programs section. Additional related party information is included in Note 9 to the accompanying Consolidated Financial Statements.

Impact on Members' Investment

Due to the nature of our financial relationship with AgriBank, the financial condition and results of operations of AgriBank materially impact our members' investment.

OTHER RELATIONSHIPS AND PROGRAMS

Relationships with Other Farm Credit Institutions

AgCountry Farm Credit Services, ACA: We have a relationship with AgCountry Capital Markets, which involves purchasing participation interests in loans to large eligible borrowers. AgCountry Farm Credit Services, ACA is the lead lender and facilitating agent of these participations. Each participating association makes an independent credit decision to purchase these loans based on the Association's capacity and preferences.

ProPartners Financial: We participate in ProPartners Financial (ProPartners) with certain Farm Credit institutions to provide producer financing through agribusinesses that sell crop inputs. ProPartners is directed by representatives from participating associations. We sell to AgriBank our entire interest in the loans associated with ProPartners. As part of this program we receive patronage income at the sole discretion of the AgriBank Board of Directors.

CentRic Technology Collaboration: We participate in CentRic Technology Collaboration (CTC) with certain other AgriBank District associations. The CTC facilitates the development and maintenance of certain retail technology systems essential to providing credit and other services to our members. The CTC operations are governed by representatives of each participating association. The expenses of CTC are allocated to each of the participating associations based on an agreed upon formula. The systems developed are owned by each of the participating associations.

Farm Credit Leasing Services Corporation: We have an agreement with Farm Credit Leasing Services Corporation (FCL), a System service corporation, which specializes in leasing products and provides industry expertise. Leases are originated and serviced by FCL and we purchase a participation interest in the cash flows of the transaction. This arrangement provides our members with a broad selection of product offerings and enhanced lease expertise.

FCS of North Dakota, ACA: Effective January 1, 2017, we formed an alliance with FCS of North Dakota, ACA to integrate the associations' Technology Departments. All information technology staff were jointly employed and managed by both associations. The alliance was terminated effective September 30, 2022, as a result of the merger of FCS of North Dakota with AgCountry Farm Credit Services, ACA.

CoBank, ACB: We have a relationship with CoBank, ACB (CoBank), a System bank, which involves purchasing participation interests in loans. As part of this relationship, our equity investment in CoBank was $1 thousand, $1 thousand, and $2 thousand at December 31, 2022, 2021, and 2020, respectively.

SunStream Business Services: We have a relationship with SunStream, which involves purchasing financial and retail information technology, collateral, tax reporting, and insurance services. SunStream was a division of AgriBank prior to April 1, 2020, when SunStream formed a separate System service corporation of which we are a partial owner. As of December 31, 2022, 2021, and 2020, our investment in SunStream was $365 thousand, $307 thousand, and $307 thousand, respectively. Additional related party information is included in Note 9 to the accompanying Consolidated Financial Statements. We also guarantee the amounts borrowed by SunStream on their line of credit with AgriBank, up to $40.0 million. Refer to Note 10 to the accompanying Consolidated Financial Statements for further disclosure.

Farm Credit Foundations: We have a relationship with Farm Credit Foundations (Foundations), a System service corporation, which involves purchasing human resource, benefit, payroll, and workforce management services. As of December 31, 2022, 2021, and 2020, our investment in Foundations was $17 thousand. Additional related party information is included in Note 9 to the accompanying Consolidated Financial Statements.

Programs

We are involved in the following programs designed to improve our credit delivery, related services, and marketplace presence.

Equipment Financing: We have entered into agreements with certain dealer networks to provide alternative service delivery channels to borrowers. These trade credit opportunities create more flexible and accessible financing options to borrowers through dealer point-of-purchase financing programs.

AgriSolutions: We have an alliance with AgriSolutions, a farm software and consulting company, to provide farm records, income tax planning and preparation services, farm business consulting, and producer education seminars.

Farm Cash Management: We offer Farm Cash Management to our members. Farm Cash Management links members' revolving lines of credit with an AgriBank investment bond to optimize members' use of funds.

REPORT OF MANAGEMENT

Farm Credit Services of Mandan, ACA

We prepare the Consolidated Financial Statements of Farm Credit Services of Mandan, ACA (the Association) and are responsible for their integrity and objectivity, including amounts that must necessarily be based on judgments and estimates. The Consolidated Financial Statements have been prepared in conformity with accounting principles generally accepted in the United States of America. The Consolidated Financial Statements, in our opinion, fairly present the financial condition of the Association. Other financial information included in the Annual Report is consistent with that in the Consolidated Financial Statements.

To meet our responsibility for reliable financial information, we depend on accounting and internal control systems designed to provide reasonable, but not absolute assurance that assets are safeguarded and transactions are properly authorized and recorded. Costs must be reasonable in relation to the benefits derived when designing accounting and internal control systems. Financial operations audits are performed to monitor compliance. PricewaterhouseCoopers LLP, our independent auditors, audit the Consolidated Financial Statements. They also consider internal controls to the extent necessary to design audit procedures that comply with auditing standards generally accepted in the United States of America. The Farm Credit Administration also performs examinations for safety and soundness as well as compliance with applicable laws and regulations.

The Board of Directors has overall responsibility for our system of internal control and financial reporting. The Board of Directors and its Audit Committee consults regularly with us and meets periodically with the independent auditors and other auditors to review the scope and results of their work. The independent auditors have direct access to the Board of Directors, which is composed solely of directors who are not officers or employees of the Association.

The undersigned certify we have reviewed the Association's Annual Report, which has been prepared in accordance with all applicable statutory or regulatory requirements. The information contained herein is true, accurate, and complete to the best of our knowledge and belief.

Clair Hauge
Chairperson of the Board
Farm Credit Services of Mandan, ACA

Aaron Vetter
President and Chief Executive Officer
Farm Credit Services of Mandan, ACA

Jennifer Schiermeister
Vice President Finance and Chief Financial Officer
Farm Credit Services of Mandan, ACA

March 3, 2023

REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

Farm Credit Services of Mandan, ACA

The Farm Credit Services of Mandan, ACA (the Association) principal executives and principal financial officers, or persons performing similar functions, are responsible for establishing and maintaining effective internal control over financial reporting for the Association's Consolidated Financial Statements. For purposes of this report, "internal control over financial reporting" is defined as a process designed by, or under the supervision of the Association's principal executives and principal financial officers, or persons performing similar functions, and effected by its Board of Directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting information and the preparation of the Consolidated Financial Statements for external purposes in accordance with accounting principles generally accepted in the United States of America and includes those policies and procedures that: (1) pertain to the maintenance of records that in reasonable detail accurately and fairly reflect the transactions and dispositions of the assets of the Association, (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial information in accordance with accounting principles generally accepted in the United States of America, and that receipts and expenditures are being made only in accordance with authorizations of management and directors of the Association, and (3) provide reasonable assurance regarding prevention, or timely detection and correction, of unauthorized acquisition, use, or disposition of the Association's assets that could have a material effect on its Consolidated Financial Statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

The Association's management has completed an assessment of the effectiveness of internal control over financial reporting as of December 31, 2022. In making the assessment, management used the 2013 framework in *Internal Control — Integrated Framework*, promulgated by the Committee of Sponsoring Organizations of the Treadway Commission, commonly referred to as the "COSO" criteria.

Based on the assessment performed, the Association concluded that as of December 31, 2022, the internal control over financial reporting was effective based upon the COSO criteria. Additionally, based on this assessment, the Association determined that there were no material weaknesses in the internal control over financial reporting as of December 31, 2022.

Aaron Vetter

Aaron Vetter
President and Chief Executive Officer
Farm Credit Services of Mandan, ACA

Jennifer Schiermeister

Jennifer Schiermeister
Vice President Finance and Chief Financial Officer
Farm Credit Services of Mandan, ACA

March 3, 2023

REPORT OF AUDIT COMMITTEE

Farm Credit Services of Mandan, ACA

The Consolidated Financial Statements were prepared under the oversight of the Audit Committee. The Audit Committee is composed of a subset of the Board of Directors of Farm Credit Services of Mandan, ACA (the Association). The Audit Committee oversees the scope of the Association's internal audit program, the approval and independence of PricewaterhouseCoopers LLP (PwC) as independent auditors, the adequacy of the Association's system of internal controls and procedures, and the adequacy of management's actions with respect to recommendations arising from those auditing activities. The Audit Committee's responsibilities are described more fully in the Internal Control Policy and the Audit Committee Charter.

Management is responsible for internal controls and the preparation of the Consolidated Financial Statements in accordance with accounting principles generally accepted in the United States of America. PwC is responsible for performing an independent audit of the Consolidated Financial Statements in accordance with auditing standards generally accepted in the United States of America and to issue their report based on their audit. The Audit Committee's responsibilities include monitoring and overseeing these processes.

In this context, the Audit Committee reviewed and discussed the audited Consolidated Financial Statements for the year ended December 31, 2022, with management. The Audit Committee also reviewed with PwC the matters required to be discussed by Statement on Auditing Standards AU-C 260, *The Auditor's Communication with Those Charged with Governance*, and both PwC and the internal auditor directly provided reports on any significant matters to the Audit Committee.

The Audit Committee had discussions with and received written disclosures from PwC confirming its independence. The Audit Committee also reviewed the non-audit services provided by PwC, if any, and concluded these services were not incompatible with maintaining PwC's independence. The Audit Committee discussed with management and PwC any other matters and received any assurances from them as the Audit Committee deemed appropriate.

Based on the foregoing review and discussions, and relying thereon, the Audit Committee recommended the audited Consolidated Financial Statements be included in the Annual Report for the year ended December 31, 2022.

Sheldon H Wolf

Sheldon Wolf
Chairperson of the Audit Committee
Farm Credit Services of Mandan, ACA

Members of Audit Committee:

Clair Hauge
Ed Breuer
Michael Schaaf

March 3, 2023

Report of Independent Auditors

To the Board of Directors of Farm Credit Services of Mandan, ACA:

Opinion

We have audited the accompanying consolidated financial statements of Farm Credit Services of Mandan, ACA and its subsidiaries (the "Association"), which comprise the consolidated statements of condition as of December 31, 2022, 2021 and 2020, and the related consolidated statements of comprehensive income, changes in members' equity and cash flows for the years then ended, including the related notes (collectively referred to as the "consolidated financial statements").

In our opinion, the accompanying consolidated financial statements present fairly, in all material respects, the financial position of the Association as of December 31, 2022, 2021 and 2020, and the results of its operations and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (US GAAS). Our responsibilities under those standards are further described in the Auditors' Responsibilities for the Audit of the Consolidated Financial Statements section of our report. We are required to be independent of the Association and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Consolidated Financial Statements

Management is responsible for the preparation and fair presentation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of consolidated financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the consolidated financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Association's ability to continue as a going concern for one year after the date the consolidated financial statements are available to be issued.

Auditors' Responsibilities for the Audit of the Consolidated Financial Statements

Our objectives are to obtain reasonable assurance about whether the consolidated financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditors' report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with US GAAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the consolidated financial statements.

In performing an audit in accordance with US GAAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the consolidated financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Association's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the consolidated financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about the Association's ability to continue as a going concern for a reasonable period of time.

PricewaterhouseCoopers LLP, 45 South Seventh Street, Suite 3400, Minneapolis, MN 55402
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We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Other Information

Management is responsible for the other information included in the annual report. The other information comprises the information included in the 2022 Annual Report, but does not include the consolidated financial statements and our auditors' report thereon. Our opinion on the consolidated financial statements does not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the consolidated financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the consolidated financial statements or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

PricewaterhouseCoopers LLP

Minneapolis, Minnesota
March 3, 2023

CONSOLIDATED STATEMENTS OF CONDITION

Farm Credit Services of Mandan, ACA

(in thousands)

As of December 31	**2022**	2021	2020
ASSETS			
Loans	**$ 1,503,810**	$ 1,370,560	$ 1,326,350
Allowance for loan losses	**3,817**	3,207	4,148
Net loans	**1,499,993**	1,367,353	1,322,202
Investment in AgriBank, FCB	**41,114**	34,124	32,593
Accrued interest receivable	**18,124**	13,399	13,889
Other assets	**22,091**	22,015	19,001
Total assets	**$ 1,581,322**	$ 1,436,891	$ 1,387,685
LIABILITIES			
Note payable to AgriBank, FCB	**$ 1,216,745**	$ 1,098,284	$ 1,073,388
Accrued interest payable	**8,965**	2,863	2,880
Deferred tax liabilities, net	**891**	832	358
Patronage distribution payable	**10,250**	7,000	4,800
Other liabilities	**6,913**	7,350	7,004
Total liabilities	**1,243,764**	1,116,329	1,088,430
Contingencies and commitments (Note 10)			
MEMBERS' EQUITY			
Capital stock and participation certificates	**2,039**	2,098	2,084
Unallocated surplus	**336,587**	319,770	298,235
Accumulated other comprehensive loss	**(1,068)**	(1,306)	(1,064)
Total members' equity	**337,558**	320,562	299,255
Total liabilities and members' equity	**$ 1,581,322**	$ 1,436,891	$ 1,387,685

The accompanying notes are an integral part of these Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

Farm Credit Services of Mandan, ACA

(in thousands)

For the year ended December 31		2022		2021		2020
Interest income	**$**	**59,859**	$	45,443	$	50,709
Interest expense		**22,700**		11,658		16,113
Net interest income		**37,159**		33,785		34,596
Provision for loan losses		**613**		(955)		896
Net interest income after provision for loan losses		**36,546**		34,740		33,700
Non-interest income						
Patronage income		**6,921**		7,211		7,751
Financially related services income		**4,936**		4,284		4,217
Fee income		**1,372**		3,985		1,776
Other non-interest income		**209**		81		507
Total non-interest income		**13,438**		15,561		14,251
Non-interest expense						
Salaries and employee benefits		**13,702**		12,831		12,637
Other operating expense		**9,222**		8,020		7,566
Other non-interest expense		**--**		--		13
Total non-interest expense		**22,924**		20,851		20,216
Income before income taxes		**27,060**		29,450		27,735
Provision for income taxes		**16**		915		15
Net income	**$**	**27,044**	$	28,535	$	27,720
Other comprehensive income (loss)						
Employee benefit plans activity	**$**	**238**	$	(242)	$	(37)
Total other comprehensive income (loss)		**238**		(242)		(37)
Comprehensive income	**$**	**27,282**	$	28,293	$	27,683

The accompanying notes are an integral part of these Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF CHANGES IN MEMBERS' EQUITY

Farm Credit Services of Mandan, ACA

(in thousands)

	Capital Stock and Participation Certificates	Unallocated Surplus	Accumulated Other Comprehensive Loss	Total Members' Equity
Balance as of December 31, 2019	$ 2,094	$ 275,314	$ (1,027)	$ 276,381
Net income	--	27,720	--	27,720
Other comprehensive loss	--	--	(37)	(37)
Unallocated surplus designated for patronage distributions	--	(4,799)	--	(4,799)
Capital stock and participation certificates issued	155	--	--	155
Capital stock and participation certificates retired	(165)	--	--	(165)
Balance as of December 31, 2020	2,084	298,235	(1,064)	299,255
Net income	--	28,535	--	28,535
Other comprehensive loss	--	--	(242)	(242)
Unallocated surplus designated for patronage distributions	--	(7,000)	--	(7,000)
Capital stock and participation certificates issued	122	--	--	122
Capital stock and participation certificates retired	(108)	--	--	(108)
Balance as of December 31, 2021	2,098	319,770	(1,306)	320,562
Net income	**--**	**27,044**	**--**	**27,044**
Other comprehensive income	**--**	**--**	**238**	**238**
Unallocated surplus designated for patronage distributions	**--**	**(10,227)**	**--**	**(10,227)**
Capital stock and participation certificates issued	**65**	**--**	**--**	**65**
Capital stock and participation certificates retired	**(124)**	**--**	**--**	**(124)**
Balance as of December 31, 2022	**$ 2,039**	**$ 336,587**	**$ (1,068)**	**$ 337,558**

The accompanying notes are an integral part of these Consolidated Financial Statements.

CONSOLIDATED STATEMENTS OF CASH FLOWS

Farm Credit Services of Mandan, ACA

(in thousands)

For the year ended December 31		**2022**		2021		2020
Cash flows from operating activities						
Net income	**$**	**27,044**	$	28,535	$	27,720
Depreciation on premises and equipment		**547**		430		417
Gain on sale of premises and equipment, net		**(85)**		--		(71)
Net amortization of premiums (discounts) on loans		**5**		(48)		(38)
Provision for loan losses		**613**		(955)		896
Stock patronage received from AgriBank, FCB		**(4,518)**		(913)		--
Changes in operating assets and liabilities:						
(Increase) decrease in accrued interest receivable		**(5,111)**		153		4,414
Decrease (increase) in other assets		**1,274**		(1,358)		(1,140)
Increase (decrease) in accrued interest payable		**6,102**		(17)		(3,325)
(Decrease) increase in other liabilities		**(140)**		578		706
Net cash provided by operating activities		**25,731**		26,405		29,579
Cash flows from investing activities						
Increase in loans, net		**(132,826)**		(43,721)		(80,727)
Purchases of investment in AgriBank, FCB, net		**(2,472)**		(618)		(559)
Purchases of investment in other Farm Credit institutions, net		**(58)**		--		(166)
Purchases of premises and equipment, net		**(1,754)**		(2,086)		(313)
Net cash used in investing activities		**(137,110)**		(46,425)		(81,765)
Cash flows from financing activities						
Increase in note payable to AgriBank, FCB, net		**118,461**		24,896		56,824
Patronage distributions paid		**(6,977)**		(4,800)		(4,499)
Capital stock and participation certificates retired, net		**(105)**		(76)		(139)
Net cash provided by financing activities		**111,379**		20,020		52,186
Net change in cash		**--**		--		--
Cash at beginning of year		**--**		--		--
Cash at end of year	**$**	**--**	$	--	$	--
Supplemental schedule of non-cash activities						
Supplemental information						
Interest paid	**$**	**16,598**	$	11,675	$	19,438
Taxes paid, net		**5**		374		200

The accompanying notes are an integral part of these Consolidated Financial Statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

Farm Credit Services of Mandan, ACA

NOTE 1: ORGANIZATION AND OPERATIONS

Farm Credit System and District

The Farm Credit System (System) is a federally chartered network of borrower-owned lending institutions comprised of cooperatives and related service organizations, established by Congress to meet the credit needs of American agriculture. As of January 1, 2023, the System consisted of three Farm Credit Banks, one Agricultural Credit Bank, and 61 borrower-owned cooperative lending institutions (associations). AgriBank, FCB (AgriBank), a System Farm Credit Bank, and its District associations are collectively referred to as the AgriBank Farm Credit District (AgriBank District or the District). The AgriBank District associations consist of local Agricultural Credit Associations (ACA) that each have wholly-owned Federal Land Credit Association (FLCA) and Production Credit Association (PCA) subsidiaries.

FLCAs are authorized to originate long-term real estate mortgage loans. PCAs are authorized to originate short-term and intermediate-term loans. ACAs are authorized to originate long-term real estate mortgage loans and short-term and intermediate-term loans either directly or through their subsidiaries. Associations are authorized to provide lease financing options for agricultural purposes and are also authorized to purchase and hold certain types of investments. AgriBank provides funding to all associations chartered within the District.

Associations are authorized to provide, either directly or in participation with other lenders, credit and related services to eligible borrowers. Eligible borrowers may include farmers, ranchers, producers or harvesters of aquatic products, rural residents, and farm-related service businesses. In addition, associations can participate with other lenders in loans to similar entities. Similar entities are parties that are not eligible for a loan from a System lending institution, but have operations that are functionally similar to the activities of eligible borrowers.

The Farm Credit Administration (FCA) is authorized by Congress to regulate the System banks and associations. We are examined by the FCA and certain association actions are subject to the prior approval of the FCA and/or AgriBank.

The Farm Credit System Insurance Corporation (FCSIC) administers the Farm Credit Insurance Fund (Insurance Fund). The Insurance Fund is used to ensure the timely payment of principal and interest on Systemwide debt obligations, to ensure the retirement of protected borrower capital at par or stated value, and for other specified purposes.

At the discretion of the FCSIC, the Insurance Fund is also available to provide assistance to certain troubled System institutions and for the operating expenses of the FCSIC. Each System bank is required to pay premiums into the Insurance Fund until the assets in the Insurance Fund equal 2.0% of the aggregated insured obligations adjusted to reflect the reduced risk on loans or investments guaranteed by federal or state governments. This percentage of aggregate obligations can be changed by the FCSIC, at its sole discretion, to a percentage it determines to be actuarially sound. The basis for assessing premiums is debt outstanding with adjustments made for nonaccrual loans and impaired investment securities which are assessed a surcharge while guaranteed loans and investment securities are deductions from the premium base. AgriBank, in turn, assesses premiums to District associations each year based on similar factors.

Association

Farm Credit Services of Mandan, ACA (the Association) and its subsidiaries, Farm Credit Services of Mandan, FLCA and Farm Credit Services of Mandan, PCA (subsidiaries) are lending institutions of the System. We are a borrower-owned cooperative providing credit and credit-related services to, or for the benefit of, eligible members for qualified agricultural purposes in the counties of Adams, Billings, Bowman, Burleigh, Dunn, Emmons, Golden Valley, Grant, Hettinger, Kidder, Logan, McIntosh, Mercer, Morton, Oliver, Sioux, Slope, Stark and in the southern portions of McLean and Sheridan counties in the state of North Dakota.

We borrow from AgriBank and provide financing and related services to our members. Our ACA holds all the stock of the FLCA and PCA subsidiaries.

We offer credit life, term life, credit disability, crop hail, and multi-peril crop insurance to borrowers and those eligible to borrow. We also offer fee appraisals, ag accounting services, income tax planning and preparation services, retirement and succession planning, and producer education services to our members.

NOTE 2: SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Accounting Principles and Reporting Policies

Our accounting and reporting policies conform to generally accepted accounting principles in the United States of America (GAAP) and the prevailing practices within the financial services industry. Preparing financial statements in conformity with GAAP requires us to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the Consolidated Financial Statements and the reported amounts of revenues and expenses during the period. Actual results could differ from those estimates.

Principles of Consolidation

The Consolidated Financial Statements present the consolidated financial results of Farm Credit Services of Mandan, ACA and its subsidiaries. All material intercompany transactions and balances have been eliminated in consolidation.

Significant Accounting Policies

Loans: Loans are carried at their principal amount outstanding net of any unearned income, cumulative charge-offs, unamortized deferred fees and costs on originated loans, and unamortized premiums or discounts on purchased loans. Loan interest is accrued and credited to interest income based upon the daily principal amount outstanding. Origination fees, net of related costs, are deferred and recognized over the life of the loan as an adjustment to net interest income. The net amount of loan fees and related origination costs are not material to the Consolidated Financial Statements taken as a whole. Throughout this Annual Report, there may be references to loan volume which is defined as loan principal plus accrued interest receivable.

Generally we place loans in nonaccrual status when principal or interest is delinquent for 90 days or more (unless the loan is adequately secured and in the process of collection) or circumstances indicate that full collection is not expected.

When a loan is placed in nonaccrual status and the interest is determined to be both uncollectible and the loss is known, we reverse current year accrued interest to the extent principal plus accrued interest exceeds the net realizable value of the collateral prior to reclassification. When we deem a loan to be uncollectible, we charge the loan principal and prior year(s) accrued interest against the allowance for loan losses. Subsequent recoveries, if any, are added to the allowance for loan losses. Any cash received on nonaccrual loans is applied to reduce the recorded investment in the loan, except in those cases where the collection of the recorded investment is fully expected and certain other criteria are met. In these circumstances interest is credited to income when cash is received. Loans are charged-off at the time they are determined to be uncollectible. Nonaccrual loans may be returned to accrual status when principal and interest are current, the customer's ability to fulfill the contractual payment terms is fully expected, and, if the loan was past due when placed in nonaccrual status, the loan has evidence of sustained performance in making on-time contractual payments (typically based on payment frequency).

In situations where, for economic or legal reasons related to the borrower's financial difficulties, we grant a concession for other than an insignificant period of time to the borrower that we would not otherwise consider, the related loan is classified as a troubled debt restructuring (TDR), also known as a formally restructured loan for regulatory purposes. A concession is generally granted in order to minimize economic loss and avoid foreclosure. Concessions vary by program and borrower and may include interest rate reductions, term extensions, payment deferrals, or an acceptance of additional collateral in lieu of payments. In limited circumstances, principal may be forgiven. Loans classified as TDRs are considered risk loans (as defined below). There may be modifications made in the normal course of business that would not be considered TDRs.

Loans that are sold as participations are transferred as entire financial assets, groups of entire financial assets, or participating interests in the loans. The transfers of such assets or participating interests are structured such that control over the transferred assets, or participating interests have been surrendered and that all of the conditions have been met to be accounted for as a sale.

Allowance for Loan Losses: The allowance for loan losses is our best estimate of the amount of losses on loans inherent in our portfolio as of the date of the financial statements. We determine the appropriate level of allowance for loan losses based on periodic evaluation of factors such as loan loss history, estimated probability of default, estimated loss severity, portfolio quality, and current economic and environmental conditions.

Loans in our portfolio that are considered impaired are assessed individually to establish a specific allowance. A loan is impaired when it is probable that all amounts due will not be collected according to the contractual terms of the loan agreement. We generally measure impairment based on the net realizable value of the collateral. Risk loans include nonaccrual loans, accruing restructured loans, and accruing loans 90 days or more past due. All risk loans are considered to be impaired loans.

We record a specific allowance to reduce the carrying amount of the risk loan by the amount the recorded investment exceeds the net realizable value of collateral. When we deem a loan to be uncollectible, we charge the loan principal and prior year(s) accrued interest against the allowance for loan losses. Subsequent recoveries, if any, are added to the allowance for loan losses.

We determine the amount of allowance that is required by assessing risk loans individually and all other loans by combining them into groups of loans sharing similar risk characteristics. For loans that are not individually assessed for impairment, an allowance is recorded for probable and estimable credit losses as of the financial statement date, using a two-dimensional loan risk rating model that incorporates a 14-point rating scale to identify and track the probability of borrower default and a separate 6-point scale addressing the loss severity. The combination of estimated default probability and loss severity is the primary basis for recognition and measurement of loan collectability of these pools of loans. These estimated losses may be adjusted for relevant current environmental factors.

Changes in the allowance for loan losses consist of provision activity, recorded in "Provision for loan losses" in the Consolidated Statements of Comprehensive Income, recoveries, and charge-offs.

Investment in AgriBank: Our stock investment in AgriBank is on a cost plus allocated equities basis.

Premises and Equipment: The carrying amount of premises and equipment is at cost, less accumulated depreciation and is included in "Other assets" in the Consolidated Statements of Condition. Calculation of depreciation is generally on the straight-line method over the estimated useful lives of the assets. Depreciation and maintenance and repair expenses are included in "Other operating expense" in the Consolidated Statements of Comprehensive Income and improvements are capitalized.

Leases: We are the lessee in operating leases. We evaluate arrangements at inception to determine if it is a lease. Leases with an initial term of 12 months or less are not recorded on the Consolidated Statements of Condition with lease expense recognized on a straight-line basis over the lease term. For operating leases with terms greater than 12 months the right-of-use (ROU) assets are included in "Other assets" in the Consolidated Statements of Condition and the lease liabilities are included in "Other liabilities" in the Consolidated Statements of Condition.

The ROU assets represent our right to use an underlying asset for the lease term and lease liabilities represent our obligation to make lease payments arising from the lease. Operating lease ROU assets and liabilities are recognized based on the present value of lease payments over the lease term. As most of our leases do not provide an implicit rate, we use our incremental borrowing rate based on the information available at commencement date in determining the present value of lease payments. We use the implicit rate when readily determinable. Our lease terms may include options to extend or terminate the lease. The length of the lease term is modified to include the option when it is reasonably certain that we will exercise that option. Operating lease expense for lease payments is recognized on a straight-line basis over the lease term.

Post-Employment Benefit Plans: The District has various post-employment benefit plans in which our employees participate. Expenses related to these plans, except for the AgriBank District Pension Restoration Plan, are included in “Salaries and employee benefits” in the Consolidated Statements of Comprehensive Income.

Certain employees participate in the AgriBank District Retirement Plan. The plan is comprised of two benefit formulas. At their option, employees hired prior to October 1, 2001, are on the cash balance formula or on the final average pay formula. Benefits eligible employees hired between October 1, 2001, and December 31, 2006, are on the cash balance formula. Effective January 1, 2007, the AgriBank District Retirement Plan was closed to new employees. The AgriBank District Retirement Plan utilizes the "Projected Unit Credit" actuarial method for financial reporting and funding purposes.

Certain employees also participate in the AgriBank District Pension Restoration Plan. This plan restores retirement benefits to certain highly compensated eligible employees that would have been provided under the qualified plan if such benefits were not above certain Internal Revenue Code limits. The pension liability attributable to the Pension Restoration Plan at the Association and the related accumulated other comprehensive loss are included in the Consolidated Statements of Condition. The components of the net periodic cost other than the service cost component, are included in “Other operating expense” in the Consolidated Statements of Comprehensive Income. Service costs are included in “Salaries and employee benefits” in the Consolidated Statements of Comprehensive Income.

We also provide certain health insurance benefits to eligible retired employees according to the terms of those benefit plans. The anticipated cost of these benefits is accrued during the employees’ active service period.

The defined contribution plan allows eligible employees to save for their retirement either pre-tax, post-tax, or both, with an employer match on a percentage of the employee’s contributions. We provide benefits under this plan for those employees that do not participate in the AgriBank District Retirement Plan in the form of a fixed percentage of salary contribution in addition to the employer match. Employer contributions are expensed when incurred.

Certain employees also participate in the Nonqualified Deferred Compensation Plan. Eligible participants must meet one of the following criteria: certain salary thresholds as determined by the Internal Revenue Service (IRS), are either a Chief Executive Officer or President of a participating employer, or have previously elected pre-tax deferrals in 2006 under predecessor nonqualified deferred compensation plans. Under this plan the employee may defer a portion of his/her salary, bonus, and other compensation. Additionally, the plan provides for supplemental employer matching contributions related to any compensation deferred by the employee that would have been eligible for a matching contribution under the retirement savings plan if it were not for certain IRS limitations.

Income Taxes: The ACA and PCA accrue federal and state income taxes. Deferred tax assets and liabilities are recognized for future tax consequences of temporary differences between the carrying amounts and tax basis of assets and liabilities. Deferred tax assets are recorded if the deferred tax asset is more likely than not to be realized. If the realization test cannot be met, the deferred tax asset is reduced by a valuation allowance. The expected future tax consequences of uncertain income tax positions are accrued.

The FLCA is exempt from federal and other taxes to the extent provided in the Farm Credit Act.

Patronage Program: We accrue patronage distributions according to a prescribed formula approved by the Board of Directors. Generally, we pay the accrued patronage during the first quarter after year end.

Off-Balance Sheet Credit Exposures: Commitments to extend credit are agreements to lend to a borrower as long as there is not a violation of any condition established in the loan contract. The commitments to extend credit generally have fixed expiration dates or other termination clauses. Standby letters of credit are agreements to pay a beneficiary if there is a default on a contractual arrangement. Any reserve for unfunded lending commitments and unexercised letters of credit is based on management’s best estimate of losses inherent in these instruments, but the commitments have not yet disbursed. Factors such as likelihood of disbursal and likelihood of losses given disbursement are utilized in determining a reserve, if needed. Based on our assessment, any reserve would be recorded in “Other liabilities” in the Consolidated Statements of Condition and a corresponding loss would be recorded in “Provision for credit losses” in the Consolidated Statements of Comprehensive Income. However, no such reserve was necessary as of December 31, 2022, 2021, or 2020.

Cash: For purposes of reporting cash flow, cash includes cash on hand.

Fair Value Measurement: The accounting guidance describes three levels of inputs that may be used to measure fair value.

Level 1 — Unadjusted quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date.

Level 2 — Observable inputs other than quoted prices included within Level 1 that are observable for the asset or liability either directly or indirectly. Level 2 inputs include:

- Quoted prices for similar assets or liabilities in active markets
- Quoted prices for identical or similar assets or liabilities in markets that are not active so that they are traded less frequently than exchange-traded instruments, quoted prices that are not current, or principal market information that is not released publicly
- Inputs that are observable such as interest rates and yield curves, prepayment speeds, credit risks, and default rates
- Inputs derived principally from or corroborated by observable market data by correlation or other means

Level 3 — Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities. These unobservable inputs reflect the reporting entity's own judgments about assumptions that market participants would use in pricing the asset or liability. Level 3 assets and liabilities include financial instruments whose value is determined using pricing models, discounted cash flow methodologies, or similar techniques, as well as instruments for which the determination of fair value requires significant management judgment or estimation.

Recently Issued or Adopted Accounting Pronouncements

We have assessed the potential impact of accounting standards that have been issued by the Financial Accounting Standards Board (FASB) and have determined the following standards to be applicable to our business. While we are a nonpublic entity, our financial results are closely related to the performance of the combined Farm Credit System. Therefore, we typically adopt accounting pronouncements in alignment with other System institutions.

Standard and effective date	Description	Adoption status and financial statement impact
In March 2020, the FASB issued Accounting Standards Update (ASU) 2020-04 "Reference Rate Reform, Topic 848." In January 2021, the FASB issued ASU 2021-01 further amending Topic 848. This guidance may be elected and applied prospectively over time beginning March 12, 2020. In December 2022, the FASB issued ASU 2022-06 "Reference Rate Reform (Topic 848): Deferral of the Sunset Date of Topic 848", which deferred the sunset date of Topic 848 to December 31, 2024. After December 31, 2024, entities will no longer be permitted to apply the relief in Topic 848.	The guidance provides optional expedients and exceptions for applying GAAP to contracts and other transactions affected by reference rate reform. The guidance simplifies the accounting evaluation of contract modifications that replace a reference rate affected by reference rate reform and contemporaneous modifications of other contract terms related to the replacement of the reference rate.	During March 2021, we adopted this standard. Additionally, we intend to apply the relief granted in the extension. To date, the adoption of this standard has not had a material impact on our financial condition, results of operations, cash flows, and financial statement disclosures.
In June 2016, the FASB issued ASU 2016-13 "Financial Instruments - Credit Losses (Topic 326): Measurement of Credit Losses on Financial Instruments." The guidance was originally effective for non-U.S. Securities Exchange Commission filers for our first quarter of 2021. In November 2019, the FASB issued ASU 2019-10 which amended the mandatory effective date for this guidance for certain institutions. We qualified for the deferral on the mandatory effective date. As a result of the change, the standard is effective for our first quarter of 2023 and early adoption is permitted.	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.	We adopted the standard as of January 1, 2023. As a result of adoption of this guidance, the allowance for loan losses decreased by $1.2 million and a reserve for unfunded commitments of $600 thousand was recognized, with a cumulative-effect increase, net of tax balances, to retained earnings of $505 thousand.
In March 2022, the FASB issued ASU 2022-02 "Financial Instruments - Credit Losses (Topic 326): Troubled Debt Restructurings and Vintage Disclosures." The guidance is effective at the same time that ASU 2016-13 is adopted.	This guidance eliminates the accounting guidance for troubled debt restructurings by creditors in Subtopic 310-40, Receivables - Troubled Debt Restructurings by Creditors, while enhancing disclosure requirements for certain loan refinancings and restructurings.	We adopted the standard on January 1, 2023. The adoption of this guidance did not have a material impact on our financial statements, but will modify certain disclosures beginning with our first quarter 2023 Quarterly Report.

NOTE 3: LOANS AND ALLOWANCE FOR LOAN LOSSES

Loans by Type

(dollars in thousands)	**2022**		2021		2020	
As of December 31	Amount	%	Amount	%	Amount	%
Real estate mortgage	**$ 546,158**	**36.3%**	$ 531,010	38.7%	$ 492,665	37.1%
Production and intermediate-term	**382,792**	**25.5%**	346,117	25.3%	383,014	28.9%
Agribusiness	**371,620**	**24.7%**	319,716	23.3%	293,713	22.1%
Other	**203,240**	**13.5%**	173,717	12.7%	156,958	11.9%
Total	**$ 1,503,810**	**100.0%**	$ 1,370,560	100.0%	$ 1,326,350	100.0%

The other category is primarily composed of rural infrastructure related loans.

Portfolio Concentrations

Loan concentrations exist when there are amounts loaned to multiple borrowers engaged in similar activities or within close proximity, which could cause them to be similarly impacted by economic or other conditions. We lend primarily within agricultural industries.

As of December 31, 2022, volume plus commitments, excluding government guaranteed portions of loans, to our ten largest borrowers totaled an amount equal to 7.5% of total loans and commitments.

Total loans plus any unfunded commitments represent a proportionate maximum potential credit risk. However, substantial portions of our lending activities are collateralized. Accordingly, the credit risk associated with lending activities is less than the recorded loan principal. 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 may include real estate, equipment, inventory, livestock, and income-producing property. Long-term real estate loans are secured by the first liens on the underlying real property.

Participations

We may purchase or sell participation interests with other parties to diversify risk, manage loan volume, or comply with the limitations of the FCA Regulations or General Financing Agreement (GFA) with AgriBank.

(in thousands)	AgriBank Participations		Other Farm Credit Institutions Participations		Non-Farm Credit Institutions Participations		Total Participations	
As of December 31, 2022	Purchased	Sold	Purchased	Sold	Purchased	Sold	Purchased	Sold
Real estate mortgage	**$ --**	**$ (828)**	**$ 34,988**	**$ (3,505)**	**$ 1,177**	**$ (514)**	**$ 36,165**	**$ (4,847)**
Production and intermediate-term	**--**	**(44,152)**	**113,311**	**--**	**--**	**(168)**	**113,311**	**(44,320)**
Agribusiness	**--**	**(5,874)**	**376,201**	**--**	**--**	**--**	**376,201**	**(5,874)**
Other	**--**	**--**	**213,150**	**(11,972)**	**--**	**--**	**213,150**	**(11,972)**
Total	**$ --**	**$ (50,854)**	**$ 737,650**	**$ (15,477)**	**$ 1,177**	**$ (682)**	**$ 738,827**	**$ (67,013)**

	AgriBank Participations		Other Farm Credit Institutions Participations		Non-Farm Credit Institutions Participations		Total Participations	
As of December 31, 2021	Purchased	Sold	Purchased	Sold	Purchased	Sold	Purchased	Sold
Real estate mortgage	$ --	$ (945)	$ 33,692	$ (3,673)	$ 2,872	$ (459)	$ 36,564	$ (5,077)
Production and intermediate-term	--	(33,158)	82,906	--	--	(152)	82,906	(33,310)
Agribusiness	--	--	322,194	(3,716)	--	--	322,194	(3,716)
Other	--	--	186,287	(14,873)	--	--	186,287	(14,873)
Total	$ --	$ (34,103)	$ 625,079	$ (22,262)	$ 2,872	$ (611)	$ 627,951	$ (56,976)

	AgriBank Participations		Other Farm Credit Institutions Participations		Non-Farm Credit Institutions Participations		Total Participations	
As of December 31, 2020	Purchased	Sold	Purchased	Sold	Purchased	Sold	Purchased	Sold
Real estate mortgage	$ --	$ (1,056)	$ 34,651	$ (3,837)	$ 2,884	$ (516)	$ 37,535	$ (5,409)
Production and intermediate-term	--	(51,841)	99,976	--	--	(196)	99,976	(52,037)
Agribusiness	--	--	292,282	(1,719)	1,189	--	293,471	(1,719)
Other	--	--	172,459	(17,890)	--	--	172,459	(17,890)
Total	$ --	$ (52,897)	$ 599,368	$ (23,446)	$ 4,073	$ (712)	$ 603,441	$ (77,055)

Credit Quality and Delinquency

We utilize the FCA Uniform Classification System to categorize loans into five credit quality categories. The categories are:

- Acceptable – loans are non-criticized loans representing the highest quality. They are expected to be fully collectible. This category is further differentiated into various probabilities of default.
- Other assets especially mentioned (Special Mention) – loans are currently collectible but exhibit some potential weakness. These loans involve increased credit risk, but not to the point of justifying a substandard classification.
- Substandard – loans exhibit some serious weakness in repayment capacity, equity, and/or collateral pledged on the loan.
- Doubtful – loans exhibit similar weaknesses as substandard loans. Doubtful loans have additional weaknesses in existing factors, conditions, and values that make collection in full highly questionable.
- Loss – loans are considered uncollectible.

We had no loans categorized as loss at December 31, 2022, 2021, or 2020.

Credit Quality of Loans

(dollars in thousands)	Acceptable		Special Mention		Substandard/ Doubtful		Total	
As of December 31, 2022	Amount	%	Amount	%	Amount	%	Amount	%
Real estate mortgage	**$ 544,871**	**97.9%**	**$ 7,817**	**1.4%**	**$ 4,019**	**0.7%**	**$ 556,707**	**100.0%**
Production and intermediate-term	**375,372**	**96.7%**	**5,771**	**1.5%**	**7,153**	**1.8%**	**388,296**	**100.0%**
Agribusiness	**357,040**	**95.7%**	**8,238**	**2.2%**	**7,920**	**2.1%**	**373,198**	**100.0%**
Other	**199,288**	**97.8%**	**3,438**	**1.7%**	**1,007**	**0.5%**	**203,733**	**100.0%**
Total	**$ 1,476,571**	**97.0%**	**$ 25,264**	**1.7%**	**$ 20,099**	**1.3%**	**$ 1,521,934**	**100.0%**

	Acceptable		Special Mention		Substandard/ Doubtful		Total	
As of December 31, 2021	Amount	%	Amount	%	Amount	%	Amount	%
Real estate mortgage	$ 519,248	96.3%	$ 10,416	1.9%	$ 9,902	1.8%	$ 539,566	100.0%
Production and intermediate-term	328,182	93.7%	6,879	2.0%	14,912	4.3%	349,973	100.0%
Agribusiness	310,472	96.9%	9,053	2.8%	973	0.3%	320,498	100.0%
Other	173,300	99.7%	189	0.1%	433	0.2%	173,922	100.0%
Total	$ 1,331,202	96.2%	$ 26,537	1.9%	$ 26,220	1.9%	$ 1,383,959	100.0%

	Acceptable		Special Mention		Substandard/ Doubtful		Total	
As of December 31, 2020	Amount	%	Amount	%	Amount	%	Amount	%
Real estate mortgage	$ 480,480	95.9%	$ 11,673	2.3%	$ 8,797	1.8%	$ 500,950	100.0%
Production and intermediate-term	366,396	94.5%	13,269	3.4%	8,203	2.1%	387,868	100.0%
Agribusiness	281,219	95.5%	12,057	4.1%	1,043	0.4%	294,319	100.0%
Other	155,490	99.0%	1,090	0.7%	522	0.3%	157,102	100.0%
Total	$ 1,283,585	95.8%	$ 38,089	2.8%	$ 18,565	1.4%	$ 1,340,239	100.0%

Note: Accruing loans include accrued interest receivable.

Aging Analysis of Loans

(in thousands) **As of December 31, 2022**	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Not Past Due or Less Than 30 Days Past Due	Total
Real estate mortgage	**$ 196**	**$ --**	**$ 196**	**$ 556,511**	**$ 556,707**
Production and intermediate-term	**2,042**	**355**	**2,397**	**385,899**	**388,296**
Agribusiness	**--**	**--**	**--**	**373,198**	**373,198**
Other	**--**	**--**	**--**	**203,733**	**203,733**
Total	**$ 2,238**	**$ 355**	**$ 2,593**	**$ 1,519,341**	**$ 1,521,934**

As of December 31, 2021	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
Real estate mortgage	$ 682	$ --	$ 682	$ 538,884	$ 539,566
Production and intermediate-term	1,383	358	1,741	348,232	349,973
Agribusiness	--	--	--	320,498	320,498
Other	--	--	--	173,922	173,922
Total	$ 2,065	$ 358	$ 2,423	$ 1,381,536	$ 1,383,959

As of December 31, 2020	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
Real estate mortgage	$ 1,579	$ 4,038	$ 5,617	$ 495,333	$ 500,950
Production and intermediate-term	850	3,558	4,408	383,460	387,868
Agribusiness	--	--	--	294,319	294,319
Other	--	--	--	157,102	157,102
Total	$ 2,429	$ 7,596	$ 10,025	$ 1,330,214	$ 1,340,239

Note: Accruing loans include accrued interest receivable.

There were no loans 90 days or more past due and still accruing interest at December 31, 2022, 2021, or 2020.

Risk Loans

Risk 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 cash payments received on nonaccrual risk loans are applied as described in Note 2.

Risk Loan Information

(in thousands) As of December 31	**2022**	2021	2020
Nonaccrual loans:			
Current as to principal and interest	**$ 4,717**	$ 4,665	$ 1,926
Past due	**386**	585	7,596
Total nonaccrual loans	**5,103**	5,250	9,522
Accruing restructured loans	**--**	--	--
Accruing loans 90 days or more past due	**--**	--	--
Total risk loans	**$ 5,103**	$ 5,250	$ 9,522
Volume with specific allowance	**$ 3,609**	$ 929	$ 1,717
Volume without specific allowance	**1,494**	4,321	7,805
Total risk loans	**$ 5,103**	$ 5,250	$ 9,522
Total specific allowance	**$ 1,172**	$ 571	$ 809
For the year ended December 31	**2022**	2021	2020
Income on accrual risk loans	**$ 31**	$ 42	$ 70
Income on nonaccrual loans	**214**	323	148
Total income on risk loans	**$ 245**	$ 365	$ 218
Average risk loans	**$ 4,617**	$ 5,961	$ 7,409

Note: Accruing loans include accrued interest receivable.

Nonaccrual Loans by Loan Type

(in thousands) As of December 31	**2022**	2021	2020
Real estate mortgage	**$ 1,366**	$ 3,640	$ 4,904
Production and intermediate-term	**880**	1,177	4,618
Agribusiness	**2,523**	--	--
Other	**334**	433	--
Total	**$ 5,103**	$ 5,250	$ 9,522

Additional Impaired Loan Information by Loan Type

(in thousands)	As of December 31, 2022 Recorded Investment[1]	Unpaid Principal Balance[2]	Related Allowance	For the year ended December 31, 2022 Average Impaired Loans	Interest Income Recognized
Impaired loans with a related allowance for loan losses:					
Real estate mortgage	**$ --**	**$ --**	**$ --**	**$ --**	**$ --**
Production and intermediate-term	**752**	**758**	**583**	**540**	**--**
Agribusiness	**2,523**	**2,595**	**509**	**892**	**--**
Other	**334**	**357**	**80**	**385**	**--**
Total	**$ 3,609**	**$ 3,710**	**$ 1,172**	**$ 1,817**	**$ --**
Impaired loans with no related allowance for loan losses:					
Real estate mortgage	**$ 1,366**	**$ 1,473**	**$ --**	**$ 2,532**	**$ 195**
Production and intermediate-term	**128**	**128**	**--**	**257**	**50**
Agribusiness	**--**	**--**	**--**	**--**	**--**
Other	**--**	**--**	**--**	**11**	**--**
Total	**$ 1,494**	**$ 1,601**	**$ --**	**$ 2,800**	**$ 245**
Total impaired loans:					
Real estate mortgage	**$ 1,366**	**$ 1,473**	**$ --**	**$ 2,532**	**$ 195**
Production and intermediate-term	**880**	**886**	**583**	**797**	**50**
Agribusiness	**2,523**	**2,595**	**509**	**892**	**--**
Other	**334**	**357**	**80**	**396**	**--**
Total	**$ 5,103**	**$ 5,311**	**$ 1,172**	**$ 4,617**	**$ 245**

	As of December 31, 2021 Recorded Investment[1]	Unpaid Principal Balance[2]	Related Allowance	For the year ended December 31, 2021 Average Impaired Loans	Interest Income Recognized
Impaired loans with a related allowance for loan losses:					
Real estate mortgage	$ --	$ --	$ --	$ --	$ --
Production and intermediate-term	496	489	478	580	--
Agribusiness	--	--	--	--	--
Other	433	442	93	374	--
Total	$ 929	$ 931	$ 571	$ 954	$ --
Impaired loans with no related allowance for loan losses:					
Real estate mortgage	$ 3,640	$ 3,745	$ --	$ 3,791	$ 187
Production and intermediate-term	681	713	--	1,182	178
Agribusiness	--	--	--	--	--
Other	--	--	--	34	--
Total	$ 4,321	$ 4,458	$ --	$ 5,007	$ 365
Total impaired loans:					
Real estate mortgage	$ 3,640	$ 3,745	$ --	$ 3,791	$ 187
Production and intermediate-term	1,177	1,202	478	1,762	178
Agribusiness	--	--	--	--	--
Other	433	442	93	408	--
Total	$ 5,250	$ 5,389	$ 571	$ 5,961	$ 365

	As of December 31, 2020			For the year ended December 31, 2020	
	Recorded Investment[1]	Unpaid Principal Balance[2]	Related Allowance	Average Impaired Loans	Interest Income Recognized
Impaired loans with a related allowance for loan losses:					
Real estate mortgage	$ --	$ --	$ --	$ --	$ --
Production and intermediate-term	1,717	1,672	809	1,626	--
Agribusiness	--	--	--	--	--
Other	--	--	--	431	--
Total	$ 1,717	$ 1,672	$ 809	$ 2,057	$ --
Impaired loans with no related allowance for loan losses:					
Real estate mortgage	$ 4,904	$ 4,720	$ --	$ 3,273	$ 115
Production and intermediate-term	2,901	2,832	--	1,941	103
Agribusiness	--	--	--	--	--
Other	--	--	--	138	--
Total	$ 7,805	$ 7,552	$ --	$ 5,352	$ 218
Total impaired loans:					
Real estate mortgage	$ 4,904	$ 4,720	$ --	$ 3,273	$ 115
Production and intermediate-term	4,618	4,504	809	3,567	103
Agribusiness	--	--	--	--	--
Other	--	--	--	569	--
Total	$ 9,522	$ 9,224	$ 809	$ 7,409	$ 218

[1]The recorded investment is the unpaid principal amount of the receivable increased or decreased by applicable accrued interest and unamortized premium, discount, finance charges, and acquisition costs and may also reflect a previous direct charge-off of the investment.

[2]Unpaid principal balance represents the contractual principal balance of the loan.

We had no commitments to lend additional money to borrowers whose loans were classified as risk loans at December 31, 2022.

Troubled Debt Restructurings (TDRs)

Included within our loans are TDRs. These loans have been modified by granting a concession to maximize the collection of amounts due when a borrower is experiencing financial difficulties. All risk loans, including TDRs, are analyzed within our allowance for loan losses.

We completed TDRs of certain production and intermediate-term loans during the year ended December 31, 2022. Our recorded investment in these loans just prior to and immediately following restructuring was $402 thousand during the year ended December 31, 2022. There were no TDRs that occurred during the years ended December 31, 2021, or 2020. The recorded investment is the unpaid principal amount of the receivable increased or decreased by applicable accrued interest and unamortized premium, discount, finance charges, and acquisition costs and may also reflect a previous direct charge-off of the investment. The primary types of modification included extension of maturity and forgiveness of principal.

There were no TDRs that defaulted during the years ended December 31, 2022, 2021, or 2020, in which the modification was within twelve months of the respective reporting period.

TDRs outstanding in the production and intermediate-term loan category totaled $369 thousand, all of which were in nonaccrual status at December 31, 2022. There were no TDRs outstanding at December 31, 2021, or 2020.

There were no commitments to lend to borrowers whose loans have been modified in a TDR at December 31, 2022.

Allowance for Loan Losses

Changes in Allowance for Loan Losses

(in thousands)

For the year ended December 31	**2022**	2021	2020
Balance at beginning of year	**$ 3,207**	$ 4,148	$ 3,493
Provision for loan losses	**613**	(955)	896
Loan recoveries	**--**	28	40
Loan charge-offs	**(3)**	(14)	(281)
Balance at end of year	**$ 3,817**	$ 3,207	$ 4,148

Changes in Allowance for Loan Losses and Year End Recorded Investments by Loan Type

(in thousands)	Real Estate Mortgage	Production and Intermediate-Term	Agribusiness	Other	Total
Allowance for loan losses:					
Balance as of December 31, 2021	**$ 432**	**$ 1,469**	**$ 952**	**$ 354**	**$ 3,207**
Provision for loan losses	**(268)**	**(345)**	**1,046**	**180**	**613**
Loan recoveries	**--**	**--**	**--**	**--**	**--**
Loan charge-offs	**--**	**(3)**	**--**	**--**	**(3)**
Balance as of December 31, 2022	**$ 164**	**$ 1,121**	**$ 1,998**	**$ 534**	**$ 3,817**
Ending balance: individually evaluated for impairment	**$ --**	**$ 583**	**$ 509**	**$ 80**	**$ 1,172**
Ending balance: collectively evaluated for impairment	**$ 164**	**$ 538**	**$ 1,489**	**$ 454**	**$ 2,645**
Recorded investment in loans outstanding:					
Ending balance as of December 31, 2022	**$ 556,707**	**$ 388,296**	**$ 373,198**	**$ 203,733**	**$ 1,521,934**
Ending balance: individually evaluated for impairment	**$ 1,366**	**$ 880**	**$ 2,523**	**$ 334**	**$ 5,103**
Ending balance: collectively evaluated for impairment	**$ 555,341**	**$ 387,416**	**$ 370,675**	**$ 203,399**	**$ 1,516,831**

	Real Estate Mortgage	Production and Intermediate-Term	Agribusiness	Other	Total
Allowance for loan losses:					
Balance as of December 31, 2020	$ 403	$ 2,536	$ 965	$ 244	$ 4,148
Provision for loan losses	13	(1,065)	(13)	110	(955)
Loan recoveries	18	10	--	--	28
Loan charge-offs	(2)	(12)	--	--	(14)
Balance as of December 31, 2021	$ 432	$ 1,469	$ 952	$ 354	$ 3,207
Ending balance: individually evaluated for impairment	$ --	$ 478	$ --	$ 93	$ 571
Ending balance: collectively evaluated for impairment	$ 432	$ 991	$ 952	$ 261	$ 2,636
Recorded investment in loans outstanding:					
Ending balance as of December 31, 2021	$ 539,566	$ 349,973	$ 320,498	$ 173,922	$ 1,383,959
Ending balance: individually evaluated for impairment	$ 3,640	$ 1,177	$ --	$ 433	$ 5,250
Ending balance: collectively evaluated for impairment	$ 535,926	$ 348,796	$ 320,498	$ 173,489	$ 1,378,709

	Real Estate Mortgage	Production and Intermediate-Term	Agribusiness	Other	Total
Allowance for loan losses:					
Balance as of December 31, 2019	$ 369	$ 1,730	$ 806	$ 588	$ 3,493
Provision for loan losses	34	820	159	(117)	896
Loan recoveries	--	40	--	--	40
Loan charge-offs	--	(54)	--	(227)	(281)
Balance as of December 31, 2020	$ 403	$ 2,536	$ 965	$ 244	$ 4,148
Ending balance: individually evaluated for impairment	$ --	$ 809	$ --	$ --	$ 809
Ending balance: collectively evaluated for impairment	$ 403	$ 1,727	$ 965	$ 244	$ 3,339
Recorded investment in loans outstanding:					
Ending balance as of December 31, 2020	$ 500,950	$ 387,868	$ 294,319	$ 157,102	$ 1,340,239
Ending balance: individually evaluated for impairment	$ 4,904	$ 4,618	$ --	$ --	$ 9,522
Ending balance: collectively evaluated for impairment	$ 496,046	$ 383,250	$ 294,319	$ 157,102	$ 1,330,717

The recorded investment is the unpaid principal amount of the receivable increased or decreased by applicable accrued interest and unamortized premium, discount, finance charges, and acquisition costs and may also reflect a previous direct charge-off of the investment.

NOTE 4: INVESTMENT IN AGRIBANK

As of December 31, 2022, we were required by AgriBank to maintain an investment equal to 2.55% of the average quarterly balance of our note payable.

We are also required to hold AgriBank stock related to our participation in pool programs. The required investment amount varies by pool program and is generally a percentage of the loan balance in the pool.

AgriBank's capital plan provides for annual retirement of AgriBank stock and optimizes capital at AgriBank by distributing all available AgriBank earnings in the form of patronage, either in cash or stock. The plan is designed to maintain capital adequacy such that sufficient earnings will be retained in the form of allocated retained earnings and allocated stock to meet the leverage ratio target and other regulatory or policy constraints prior to any cash patronage distributions.

NOTE 5: NOTE PAYABLE TO AGRIBANK

Our note payable to AgriBank represents borrowings, in the form of a line of credit, to fund our loan portfolio. The line of credit is governed by a GFA and substantially all of our assets serve as collateral.

Note Payable Information

(dollars in thousands) As of December 31	**2022**	2021	2020
Line of credit	**$ 1,600,000**	$ 1,600,000	$ 1,400,000
Outstanding principal under the line of credit	**1,216,745**	1,098,284	1,073,388
Interest rate	**3.3%**	1.1%	1.0%

Our note payable is scheduled to mature on July 31, 2024. We intend to renegotiate the note payable no later than the maturity date.

The GFA provides for limitations on our ability to borrow funds based on specified factors or formulas relating primarily to outstanding balances, credit quality, and financial condition. Additionally, we have requirements to maintain an effective program of internal controls over financial reporting. At December 31, 2022, and throughout the year, we were not declared in default under any GFA covenants or provisions.

NOTE 6: MEMBERS' EQUITY

Capitalization Requirements

In accordance with the Farm Credit Act, each borrower is required to invest in us as a condition of obtaining a loan. As authorized by the Agricultural Credit Act and our capital bylaws, the Board of Directors has adopted a capital plan that establishes a stock purchase requirement for obtaining a loan of 2.0% of the customer's total loan(s) or one thousand dollars, whichever is less. The purchase of one participation certificate is required of all customers to whom a lease is issued and of all non-stockholder customers who purchase crop insurance. The Board of Directors may increase the amount of required investment to the extent authorized in the capital bylaws. The borrower acquires ownership of the capital stock at the time the loan or lease is made. The aggregate par value of the stock is added to the principal amount of the related obligation. We retain a first lien on the stock or participation certificates owned by customers.

Regulatory Capitalization Requirements

Regulatory Capital Requirements and Ratios

As of December 31	**2022**	2021	2020	Regulatory Minimums	Capital Conservation Buffer	Total
Risk-adjusted:						
Common equity tier 1 ratio	**17.8%**	18.3%	17.5%	4.5%	2.5%	7.0%
Tier 1 capital ratio	**17.8%**	18.3%	17.5%	6.0%	2.5%	8.5%
Total capital ratio	**18.0%**	18.5%	17.8%	8.0%	2.5%	10.5%
Permanent capital ratio	**17.8%**	18.4%	17.6%	7.0%	N/A	7.0%
Non-risk-adjusted:						
Tier 1 leverage ratio	**20.5%**	21.4%	19.9%	4.0%	1.0%	5.0%
Unallocated retained earnings and equivalents leverage ratio	**20.3%**	22.4%	20.9%	1.5%	N/A	1.5%

Risk-adjusted assets have been defined by the FCA Regulations as the Statement of Condition assets and off-balance-sheet commitments adjusted by various percentages, depending on the level of risk inherent in the various types of assets.

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

These ratios are based on a three-month average daily balance in accordance with the FCA Regulations and are calculated as follows (not all items below may be applicable to our Association):

- Common equity tier 1 ratio is statutory minimum purchased member stock, other required member stock held for a minimum of 7 years, allocated equities held for a minimum of 7 years or not subject to retirement, unallocated retained earnings as regulatorily prescribed, paid-in capital, less certain regulatory required deductions including the amount of allocated investments in other System institutions, and the amount of purchased investments in other System institutions under the corresponding deduction approach, divided by average risk-adjusted assets.
- Tier 1 capital ratio is common equity tier 1 plus non-cumulative perpetual preferred stock, divided by average risk-adjusted assets.

- Total capital is tier 1 capital plus other required member stock held for a minimum of 5 years, allocated equities held for a minimum of 5 years, subordinated debt, and limited-life preferred stock greater than 5 years to maturity at issuance subject to certain limitations, allowance for loan losses and reserve for credit losses subject to certain limitations, less certain investments in other System institutions under the corresponding deduction approach, divided by average risk-adjusted assets.
- Permanent capital ratio is all at-risk borrower stock, any allocated excess stock, unallocated retained earnings as regulatorily prescribed, paid-in capital, subordinated debt, and preferred stock subject to certain limitations, less certain allocated and purchased investments in other System institutions divided by PCR risk-adjusted assets.
- Tier 1 leverage ratio is tier 1 capital, including regulatory deductions, divided by average assets less regulatory deductions subject to tier 1 capital.
- Unallocated retained earnings and equivalents leverage ratio is unallocated retained earnings as regulatorily prescribed, paid-in capital, allocated surplus not subject to retirement less certain regulatory required deductions including the amount of allocated investments in other System institutions divided by average assets less regulatory deductions subject to tier 1 capital.

If the capital ratios fall below the total requirements, including the buffer amounts, capital distributions (equity redemptions, dividends, and patronage) and discretionary senior executive bonuses are restricted or prohibited without prior FCA approval.

Description of Equities

The following represents information regarding classes and number of shares of stock and participation certificates outstanding. All shares and participation certificates are stated at a $5.00 par value.

	Number of Shares		
As of December 31	**2022**	2021	2020
Class B common stock (at-risk)	**407,626**	419,094	416,558
Participation certificates (at-risk)	**216**	288	275

Under our bylaws, we are also authorized to issue Class C, Class D and Class E common stock and Class F preferred stock. Each of these classes of common stock is at-risk and nonvoting with a $5.00 par value per share. Currently, no stock of these classes has been issued.

Only holders of Class B common stock have voting rights. Our bylaws do not prohibit us from paying dividends on any classes of stock. However, no dividends have been declared to date.

Our bylaws generally permit stock and participation certificates to be retired at the discretion of our Board of Directors and in accordance with our capitalization plans, provided prescribed capital standards have been met. At December 31, 2022, we exceeded the prescribed standards. We do not anticipate any significant changes in capital that would affect the normal retirement of stock.

In the event of our liquidation or dissolution, according to our bylaws, any remaining assets after payment or retirement of all liabilities will be distributed in the following order of priority:

- first, pro rata to holders of Class F preferred stock,
- second, pro rata to holders of Class B, C, D, and E common stock and participation certificates,
- third, pro rata by year of issuance to holders of qualified patronage allocation certificates, in order of year of issuance,
- fourth, pro rata by year of issuance to holders of nonqualified patronage allocation certificates, in order of year of issuance, and,
- lastly, to patrons based on their patronage history.

We have not issued any patronage allocation certificates.

In the event of impairment, losses will be absorbed in the following order:

- first, pro rata by year of issuance to allocated surplus in the form of nonqualified written notices of allocation, in reverse order of year of issuance,
- second pro rata by year of issuance to allocated surplus in the form of qualified written notices of allocation, in reverse order of year of issuance,
- third, pro rata to all classes of common stock and participation certificates, and,
- finally, pro rata to any preferred stock.

All classes of stock are transferable to other customers who are eligible to hold such class as long as we meet the regulatory minimum capital requirements.

Patronage Distributions

We accrued patronage distributions of $10.3 million, $7.0 million, and $4.8 million at December 31, 2022, 2021, and 2020, respectively. Generally, the patronage distributions are paid in cash during the first quarter after year end. The Board of Directors may authorize a distribution of earnings provided we meet all statutory and regulatory requirements.

If the capital ratios fall below the total requirements, including the buffer amounts, capital distributions (equity redemptions, dividends, and patronage) and discretionary senior executive bonuses are restricted or prohibited without prior FCA approval.

NOTE 7: INCOME TAXES

Provision for Income Taxes

Provision for Income Taxes

(dollars in thousands) For the year ended December 31	**2022**	2021	2020
Current:			
Federal	**$ (43)**	$ 367	$ 145
State	**--**	74	20
Total current	**$ (43)**	$ 441	$ 165
Deferred:			
Federal	**$ 49**	$ 390	$ (123)
State	**10**	84	(27)
Total deferred	**59**	474	(150)
Provision for income taxes	**$ 16**	$ 915	$ 15
Effective tax rate	**0.1%**	3.1%	0.1%

Reconciliation of Taxes at Federal Statutory Rate to Provision for Income Taxes

(in thousands) For the year ended December 31	**2022**	2021	2020
Federal tax at statutory rates	**$ 5,683**	$ 6,184	$ 5,824
State tax, net	**8**	127	(5)
Patronage distributions	**(263)**	(513)	(1,008)
Effect of non-taxable entity	**(5,372)**	(4,884)	(4,847)
Other	**(40)**	1	51
Provision for income taxes	**$ 16**	$ 915	$ 15

Deferred Income Taxes

Tax laws require certain items to be included in our tax returns at different times than the items are reflected on our Consolidated Statements of Comprehensive Income. Some of these items are temporary differences that will reverse over time. We record the tax effect of temporary differences as deferred tax assets and liabilities netted on our Consolidated Statements of Condition.

Deferred Tax Assets and Liabilities

(in thousands) As of December 31	**2022**	2021	2020
Allowance for loan losses	**$ 256**	$ 380	$ 636
Accrued incentive	**264**	280	278
Accrued patronage income not received	**--**	(118)	(108)
Accrued pension asset	**(1,010)**	(954)	(747)
Other assets	**167**	156	145
Other liabilities	**(568)**	(576)	(562)
Deferred tax liabilities, net	**$ (891)**	$ (832)	$ (358)
Gross deferred tax assets	**$ 687**	$ 816	$ 1,059
Gross deferred tax liabilities	**$ (1,578)**	$ (1,648)	$ (1,417)

A valuation allowance for the deferred tax assets was not necessary at December 31, 2022, 2021, or 2020.

We have not provided for deferred income taxes on patronage allocations received from AgriBank prior to 1993. Such allocations, distributed in the form of stock, are subject to tax only upon conversion to cash. Our intent is to permanently maintain this investment in AgriBank. Our total permanent investment in AgriBank is $9.0 million. Additionally, we have not provided deferred income taxes on accumulated FLCA earnings of $279.3 million as it is our intent to permanently maintain this equity in the FLCA or to distribute the earnings to members in a manner that results in no additional tax liability to us.

Our income tax returns are subject to review by various United States taxing authorities. We record accruals for items that we believe may be challenged by these taxing authorities. However, we had no uncertain income tax positions at December 31, 2022. In addition, we believe we are no longer subject to income tax examinations for years prior to 2019.

NOTE 8: EMPLOYEE BENEFIT PLANS

Pension and Post-Employment Benefit Plans

Complete financial information for the pension and post-employment benefit plans may be found in the AgriBank 2022 Annual Report.

The Farm Credit Foundations Plan Sponsor and Trust Committees provide oversight of the benefit plans for which AgriBank and District associations are participating employers. These governance committees are comprised of elected or appointed representatives (senior leadership and/or Board of Director members) from the participating organizations. The Plan Sponsor Committee is responsible for employer decisions regarding all benefit plans including retirement benefits. These decisions could include plan design changes, vendor changes, determination of employer subsidies (if any), and termination of specific benefit plans. Any action to change or terminate the retirement plan can only occur at the direction of the AgriBank District participating employers. The Trust Committee is responsible for fiduciary and plan administrative functions.

Pension Plan: Certain employees participate in the AgriBank District Retirement Plan, a District-wide multi-employer defined benefit retirement plan. The Department of Labor has determined the plan to be a governmental plan; therefore, the plan is not subject to the provisions of the Employee Retirement Income Security Act of 1974, as amended (ERISA). As the plan is not subject to ERISA, the plan's benefits are not insured by the Pension Benefit Guaranty Corporation. Accordingly, the amount of accumulated benefits that participants would receive in the event of the plan's termination is contingent on the sufficiency of the plan's net assets to provide benefits at that time. This plan is noncontributory and covers certain eligible District employees. The assets, liabilities, and costs of the plan are not segregated by participating entities. As such, plan assets are available for any of the participating employers' retirees at any point in time. Additionally, if a participating employer stops contributing to the plan, the unfunded obligations of the plan may be borne by the remaining participating employers. Further, if we choose to stop participating in the plan, we may be required to pay an amount based on the underfunded status of the plan. Because of the nature of the plan, any individual employer is not able to unilaterally change the provisions of the plan. If an employee transfers to another employer within the same plan, the employee benefits under the plan transfer. Benefits are based on salary and years of service. There is no collective bargaining agreement in place as part of this plan.

AgriBank District Retirement Plan Information

(in thousands) As of December 31	2022	2021	2020
Unfunded liability	**$ 87,688**	$ 46,421	$ 169,640
Projected benefit obligation	**1,204,130**	1,500,238	1,563,421
Fair value of plan assets	**1,116,442**	1,453,817	1,393,781
Accumulated benefit obligation	**1,083,610**	1,384,554	1,426,270
For the year ended December 31	**2022**	**2021**	**2020**
Total plan expense	**$ 30,475**	$ 28,048	$ 42,785
Our allocated share of plan expenses	**511**	487	811
Contributions by participating employers	**90,385**	90,000	90,000
Our allocated share of contributions	**1,663**	1,667	1,715

The unfunded liability reflects the net of the fair value of the plan assets and the projected benefit obligation at December 31. The projected benefit obligation is the actuarial present value of all benefits attributed by the pension benefit formula to employee service rendered prior to the measurement date based on assumed future compensation levels. The accumulated benefit obligation is the actuarial present value of the benefits attributed to employee service rendered before the measurement date and based on current employee service and compensation. The funding status is subject to many variables including performance of plan assets and interest rate levels. Therefore, changes in assumptions could significantly affect these estimates.

Costs are determined for each individual employer based on costs directly related to their current employees as well as an allocation of the remaining costs based proportionately on the estimated projected liability of the employer under this plan. We recognize our proportional share of expense and contribute a proportional share of funding.

Benefits paid to participants in the District were $132.1 million in 2022. While the plan is a governmental plan and is not subject to minimum funding requirements, the employers contribute amounts necessary on an actuarial basis to provide the plan with sufficient assets to meet the benefits to be paid to participants. The amount of the total District employer contributions expected to be paid into the pension plan during 2023 is $45.0 million. Our allocated share of these pension contributions is expected to be $797 thousand. The amount ultimately to be contributed and the amount ultimately recognized as expense as well as the timing of those contributions and expenses, are subject to many variables including performance of plan assets and interest rate levels. These variables could result in actual contributions and expenses being greater than or less than the amounts reflected in the District financial statements.

Nonqualified Retirement Plan: We also participate in the District-wide nonqualified defined benefit Pension Restoration Plan. This plan restores retirement benefits to certain highly compensated eligible employees that would have been provided under the qualified plan if such benefits were not above certain Internal Revenue Code limits.

Pension Restoration Plan Information

(in thousands)

As of December 31		2022		2021		2020
Our unfunded liability	$	**2,016**	$	2,521	$	2,628

For the year ended December 31		2022		2021		2020
Our cash contributions	$	**492**	$	492	$	--

The nonqualified plan is funded as the benefits are paid; therefore, there are no assets in the plan and the unfunded liability is equal to the projected benefit obligation. The amount of the pension benefits funding status is subject to many variables including interest rate levels. Therefore, changes in assumptions could significantly affect these estimates.

Costs are determined for each individual employer based on costs directly related to their participants in the plan. The Pension Restoration Plan is unfunded and we make annual contributions to fund benefits paid to our retirees covered by the plan. Our cash contributions are equal to the benefits paid. There were no benefits paid under the Pension Restoration Plan to our senior officers who were actively employed during the year.

Retiree Medical Plans: District employers also provide certain health insurance benefits to eligible retired employees according to the terms of the benefit plans. The anticipated costs of these benefits are accrued during the period of the employee's active status. Net periodic benefit cost is included in "Salaries and employee benefits" in the Consolidated Statements of Comprehensive Income. Postretirement benefit costs related to the retiree medical plans were not considered material for any of the years presented. Our cash contributions were equal to the benefits paid.

Defined Contribution Plans

We participate in a District-wide defined contribution plan. For employees hired before January 1, 2007, employee contributions are matched dollar for dollar up to 2.0% and 50 cents on the dollar on the next 4.0% on both pre-tax and post-tax contributions. The maximum employer match is 4.0%. For employees hired after December 31, 2006, we contribute 3.0% of the employee's compensation and will match employee contributions dollar for dollar up to a maximum of 6.0% on both pre-tax and post-tax contributions. The maximum employer contribution is 9.0%.

We also participate in a District-wide Nonqualified Deferred Compensation Plan. Eligible participants must meet one of the following criteria: certain salary thresholds as determined by the IRS, are either a Chief Executive Officer or President of a participating employer, or have previously elected pre-tax deferrals in 2006 under predecessor nonqualified deferred compensation plans. Under this plan the employee may defer a portion of his/her salary, bonus, and other compensation. Additionally, the plan provides for supplemental employer matching contributions related to any compensation deferred by the employee that would have been eligible for a matching contribution under the defined contribution plan if it were not for certain IRS limitations.

Employer contribution expenses for the defined contribution plan, included in "Salaries and employee benefits" in the Consolidated Statements of Comprehensive Income, were $760 thousand, $695 thousand, and $620 thousand in 2022, 2021, and 2020, respectively. These expenses were equal to our cash contributions for each year.

NOTE 9: RELATED PARTY TRANSACTIONS

In the ordinary course of business, we may enter into loan transactions with our officers, directors, their immediate family members, and other organizations with which such persons may be associated. Such transactions may be subject to special approval requirements contained in the FCA Regulations and are made on the same terms, including interest rates, amortization schedules, and collateral, as those prevailing at the time for comparable transactions with other persons. In our opinion, none of these loans outstanding at December 31, 2022, involved more than a normal risk of collectability.

Related Party Loans Information

(in thousands)

As of December 31		2022		2021		2020
Total related party loans	$	**9,383**	$	8,594	$	8,838

For the year ended December 31		2022		2021		2020
Advances to related parties	$	**9,423**	$	6,512	$	10,422
Repayments by related parties		**8,192**		6,635		10,244

The related parties can be different each year end primarily due to changes in the composition of the Board of Directors and the mix of organizations with which such persons may be associated. Advances and repayments on loans in the preceding chart are related to those considered related parties at each respective year end.

As described in Note 5, we borrow from AgriBank, in the form of a line of credit, to fund our loan portfolio. All interest expense as shown on the Consolidated Statements of Comprehensive Income was paid to AgriBank.

Total patronage from AgriBank was $6.8 million, $7.1 million, and $7.6 million in 2022, 2021, and 2020, respectively. Patronage income for 2022 and 2021 was received in cash and AgriBank stock. Patronage income for 2020 was received in cash.

In addition, we received compensation from AgriBank for servicing loans of $5 thousand, $2 thousand, and $4 thousand in 2022, 2021, and 2020, respectively.

Refer to Note 3 for information on participations sold to AgriBank and Note 4 for stock investment in AgriBank information.

As of December 31, 2022, we purchased certain business services from AgriBank. Until the formation of SunStream Business Services (SunStream) on April 1, 2020, we also purchased financial and retail information technology, collateral, tax reporting, and insurance services from AgriBank. These services are now purchased from SunStream. We also purchase human resource, benefit, payroll, and workforce management services from Farm Credit Foundations (Foundations). SunStream and Foundations are both System service corporations within the AgriBank District and the costs incurred are included in the table below in AgriBank District purchased services. In addition to the services we purchase from AgriBank, SunStream, and Foundations we also hold an investment in each of these institutions.

Additional Related Party Information

(in thousands) As of December 31	**2022**	2021	2020
Investment in AgriBank	**$ 41,114**	$ 34,124	$ 32,593
Investment in SunStream	**365**	307	307
Investment in Foundations	**17**	17	17
For the year ended December 31	**2022**	2021	2020
AgriBank District purchased services	**$ 1,204**	$ 890	$ 805

NOTE 10: CONTINGENCIES AND COMMITMENTS

In the normal course of business, we have various contingent liabilities and commitments outstanding, which may not be reflected in the Consolidated Financial Statements. We do not anticipate any material losses because of these contingencies or commitments.

We may be named as a defendant in certain lawsuits or legal actions in the normal course of business. At the date of these Consolidated Financial Statements, our management team was not aware of any material actions. However, management cannot ensure that such actions or other contingencies will not arise in the future.

We have commitments to extend credit and letters of credit to satisfy the financing needs of our borrowers. These financial instruments involve, to varying degrees, elements of credit risk in excess of the amount recognized on the financial statements. Commitments to extend credit are agreements to lend to a borrower as long as there is not a violation of any condition established in the loan contract. Standby letters of credit are agreements to pay a beneficiary if there is a default on a contractual arrangement. At December 31, 2022, we had commitments to extend credit and unexercised commitments related to standby letters of credit of $520.4 million. Additionally, we had $9.1 million of issued standby letters of credit as of December 31, 2022.

Commitments to extend credit and letters of credit generally have fixed expiration dates or other termination clauses and we may require payment of a fee. If commitments to extend credit and letters of credit remain unfulfilled or have not expired, they may have credit risk not recognized in the financial statements. Many of the commitments to extend credit and letters of credit will expire without being fully drawn upon. Therefore, the total commitments do not necessarily represent future cash requirements. Certain letters of credit may have recourse provisions that would enable us to recover from third parties amounts paid under guarantees, thereby limiting our maximum potential exposure. The credit risk involved in issuing these financial instruments is essentially the same as that involved in extending loans to borrowers and we apply the same credit policies. The amount of collateral obtained, if deemed necessary by us upon extension of credit, is based on management's credit evaluation of the borrower.

In June 2021, we signed an agreement guaranteeing the amounts borrowed by SunStream on their line of credit with AgriBank, up to $40.0 million. The term of the line of credit is 36 months and may be extended. The guarantee is in effect until any outstanding balance is paid in full. While we are primarily liable for our pro-rata portion of SunStream's indebtedness to AgriBank, we are jointly and severally liable with certain other owners of SunStream. In the event of default by SunStream, we are responsible for the prompt and full payment of amounts outstanding. However, we may seek reimbursement from the remaining owners of SunStream subject to the guarantee agreement. At this time we believe it is unlikely that we will be required to make payment under this guarantee.

NOTE 11: FAIR VALUE MEASUREMENTS

Fair value is defined as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date in the principal or most advantageous market for the asset or liability. Accounting guidance also establishes a fair value hierarchy, with three input levels that may be used to measure fair value. Refer to Note 2 for a more complete description of the three input levels.

We did not have any assets or liabilities measured at fair value on a recurring basis at December 31, 2022, 2021, or 2020.

Non-Recurring Basis

We may be required, from time to time, to measure certain assets at fair value on a non-recurring basis.

Assets Measured at Fair Value on a Non-Recurring Basis

(in thousands)

As of December 31, 2022	Fair Value Measurement Using			
	Level 1	Level 2	Level 3	Total Fair Value
Impaired loans	**$ --**	**$ --**	**$ 2,559**	**$ 2,559**

As of December 31, 2021	Fair Value Measurement Using			
	Level 1	Level 2	Level 3	Total Fair Value
Impaired loans	$ --	$ --	$ 376	$ 376

As of December 31, 2020	Fair Value Measurement Using			
	Level 1	Level 2	Level 3	Total Fair Value
Impaired loans	$ --	$ --	$ 953	$ 953

Valuation Techniques

Impaired Loans: Represents the carrying amount of loans which were evaluated for individual impairment based on the appraised value of the underlying collateral. When the value of the collateral, less estimated costs to sell, is less than the principal balance of the loan, a specific reserve is established. Costs to sell represent transaction costs and are not included as a component of the asset's fair value. If the process uses observable market-based information, they are classified as Level 2. If the process requires significant input based on management's knowledge of and judgment about current market conditions, specific issues relating to the collateral and other matters, they are classified as Level 3.

NOTE 12: SUBSEQUENT EVENTS

We have evaluated subsequent events through March 3, 2023, which is the date the Consolidated Financial Statements were available to be issued. There have been no material subsequent events that would require recognition in our 2022 Consolidated Financial Statements or disclosure in the Notes to Consolidated Financial Statements.

DISCLOSURE INFORMATION REQUIRED BY REGULATIONS

Farm Credit Services of Mandan, ACA
(Unaudited)

Description of Business

General information regarding the business is incorporated herein by reference from Note 1 to the Consolidated Financial Statements in this Annual Report.

The description of significant business developments, if any, is incorporated herein by reference from the Management's Discussion and Analysis section of this Annual Report.

Description of Property

Property Information

Location	Description	Usage
Beulah	Owned by PCA	Branch
Bowman	Owned by PCA	Branch
Carson	Owned by PCA	Branch
Dickinson	Owned by FLCA	Branch
Mandan	Owned by PCA	Headquarters/Branch
Mott	Owned by PCA	Branch
Napoleon	Jointly Leased	Satellite Office
Washburn	Owned by FLCA	Branch
Wishek	Owned by PCA	Branch

Legal Proceedings

Information regarding legal proceedings is included in Note 10 to the Consolidated Financial Statements in this Annual Report. We were not subject to any enforcement actions as of December 31, 2022.

Description of Capital Structure

Information regarding our capital structure is included in Note 6 to the Consolidated Financial Statements in this Annual Report.

Description of Liabilities

Information regarding liabilities is included in Notes 5, 6, 7, 8, and 10 to the Consolidated Financial Statements in this Annual Report. All debt and other liabilities in the financial statements are uninsured.

Selected Financial Data

The Consolidated Five-Year Summary of Selected Financial Data is presented at the beginning of this Annual Report.

Management's Discussion and Analysis

Information regarding any material aspects of our financial condition, changes in financial condition, and results of operations are discussed in the Management's Discussion and Analysis section of this Annual Report.

Board of Directors

Our Board of Directors is organized into the following committees to carry out Board responsibilities:

- The **Audit Committee** assists the board in fulfilling its oversight responsibilities for financial reporting, the adequacy of our internal control systems, the scope of our internal audit program, the independence of the outside auditors, and the processes for monitoring compliance with laws, regulations, and the standards of conduct including the code of ethics. The Audit Committee also oversees the adequacy of management's action with respect to recommendations arising from auditing activities.
- The **Compensation Committee** oversees our human resource programs and policies in areas such as, compensation, benefits, succession planning, performance management, diversity and inclusion, and other programs that impact human capital.

Board of Directors as of December 31, 2022, including business experience during the last five years

Name	Principal occupation and other business affiliations
Clair Hauge **Chairperson of the Board** **Board Service Began:** June 2015 **Current Term Expires:** July 2023	**Principal occupation:** President: Blue Hill Ranch Feedlot Inc, a cattle feeding operation Partner: Blue Hill Ranch GP, a farming and ranching operation Self-employed grain and livestock farmer
Dawn Martin **Vice Chairperson** **Board Service Began:** June 2017 **Current Term Expires:** July 2025	**Principal occupation:** Self-employed livestock farmer **Other business affiliations:** Director: American Quarter Horse Association, an equine breed registry and membership organization Secretary: Mercer County Farmers Union Board, an agriculture cooperative Director: North Dakota High School Rodeo Association, an independent student athletic association
Ed Breuer **Director** **Board Service Began:** July 2022 **Current Term Expires:** July 2026	**Principal occupation:** Self-employed rancher
Gary Friedt **Director** **Board Service Began:** August 2020 **Current Term Expires:** July 2024	**Principal occupation:** Self-employed grain and livestock farmer **Other business affiliations:** Supervisor: Hettinger County Water Resource Board, a political subdivision
Carson Kouba **Director** **Board Service Began:** June 2017 **Current Term Expires:** July 2025	**Principal occupation:** Self-employed grain farmer and equipment repair **Other business affiliations:** Board Vice Chairperson: North Dakota Crop Improvement & Seed Association, a non-profit seed dealer Board Chairperson: St. Henry's Church Director: North Dakota Farm Credit Council, a trade association representing the Farm Credit System Board Member: Hettinger County Planning and Zoning, a political subdivision
Cary Moch **Director** **Board Service Began:** June 2008 **Current Term Expires:** July 2023	**Principal occupation:** Self-employed grain and livestock farmer **Other business affiliations:** Treasurer: Campbell Township, a local government agency
Allen Roshau **Director** **Board Service Began:** June 2003 **Current Term Expires:** July 2026	**Principal occupation:** Self-employed farmer/rancher Brand Inspector: North Dakota Stockmen's Association **Other business affiliations:** Director: AgriBank District Farm Credit Council, a trade association representing the AgriBank District Chairman: North Dakota Farm Credit Council, a trade association representing the Farm Credit System
Michael Schaaf **Director** **Board Service Began:** June 2011 **Current Term Expires:** July 2024	**Principal occupation:** Self-employed grain and livestock farmer
Michael Schneider **Appointed Director** **Board Service Began:** June 2017 **Current Term Expires:** July 2025	**Principal occupation:** Retired Human Resources Lead with engineering firm
Sheldon Wolf **Appointed Director** **Board Service Began:** July 2019 **Current Term Expires:** July 2023	**Principal occupation:** Adjunct Professor: University of Mary Sheldon Wolf Insurance Agency Owner/Agent Former Health IT Director for State of North Dakota Former Senior Consultant for Healthcare Solutions Former North Dakota Legislature Clerk **Other business affiliations:** President: Mandan School Board, K-12 education

Pursuant to our bylaws, directors are paid a reasonable amount for attendance at board meetings, committee meetings, or other special assignments. Directors are also reimbursed for reasonable expenses incurred in connection with such meetings or assignments. Our Board of Directors has adopted a rate of $700 per day, with half day increments used for conference calls or half day meetings. The Board Chairperson and Vice Chairperson also receive an annual retainer fee in the amounts of $2,400 and $800, respectively, which is paid quarterly. All directors serve on the Compensation Committee and do not receive compensation for serving on the committee. Effective October 1, 2021, the Audit Committee chairperson receives an annual retainer fee of $1,000 paid quarterly.

Information regarding compensation paid to each director who served during 2022 follows:

	Number of Days Served		Compensation Paid for Service on a Board Committee		Total Compensation Paid in 2022
Name	Board Meetings	Other Official Activities		Name of Committee	
Ed Breuer	8.0	4.5	$ 1,050	Audit	$ 8,750
Gary Friedt	13.5	6.0	--		13,650
Clair Hauge	14.0	15.0	1,400	Audit	22,700
Carson Kouba	14.0	12.0	--		18,200
Dawn Martin	14.0	9.0	--		16,900
Cary Moch	13.0	8.5	--		15,050
Allen Roshau	12.5	19.5	--		22,400
Michael Schaaf	14.0	12.0	1,400	Audit	18,200
Michael Schneider	14.0	9.0	--		16,100
James Vander Vorst[1]	6.0	8.5	350	Audit	10,150
Sheldon Wolf	14.0	13.5	3,200	Audit	20,250
Total					$ 182,350

[1]Term on the Board of Directors ended in July 2022.

Senior Officers

Senior Officers as of December 31, 2022, including business experience during the last five years

Name and Position	Business experience and other business affiliations
Aaron Vetter President - Chief Executive Officer	**Business experience:** President - Chief Executive Officer from April 2015 to present **Other business interests:** Vice Chairman/Board member - Menoken Public School Treasurer, Director - The New Longford Center, a non-profit retreat center Trustee - St. Hildegard Church
Brittani Moser Vice President - Human Resources	**Business experience:** Vice President - Human Resources from April 2021 to present Human Resources Generalist from March 2014 to March 2021
Jennifer Schiermeister Vice President Finance - Chief Financial Officer	**Business experience:** Vice President Finance - Chief Financial Officer from May 2022 to present Controller from April 2015 to May 2022
Kenneth Bahm Vice President - Customer Operations/Chief Credit Officer	**Business experience:** Vice President - Customer Operations/Chief Credit Officer from October 2022 to present Assistant Vice President - Operations from October 2019 to September 2022 Office Manager from October 2018 to September 2019 **Other business interests:** Chairman - Bismarck State College/Bismarck Public Schools Agriculture, Technology, Food, & Natural Resources Committee Vice President - Mandan Future Farmers of America Alumni Chapter Audit Committee Member - North Dakota Future Farmers of America Foundation Audit Committee Member - North Dakota Farm Business Education Program
Thomas Williams III Vice President - Operations/Chief Risk Officer	**Business experience:** Vice President - Operations/Chief Risk Officer from August 2019 to present Assistant Vice President - Operations from August 2016 to July 2019

Senior Officer Compensation

Compensation Risk Management: We believe the design and governance of our CEO, senior officers, and highly compensated individuals compensation program is consistent with the highest standards of risk management and provides total compensation that promotes our mission to ensure a safe, sound, and dependable source of credit and related services for agriculture and rural America. Our compensation philosophy aims to provide a competitive total rewards package that will enable us to attract and retain highly qualified officers with the requisite expertise and skills while achieving desired business results aligned with the best interests of our members. The design of our CEO, senior officers, and highly compensated individuals compensation program supports our risk management goals through a set of checks and balances, including (1) a balanced mix of base and variable pay, (2) a balanced use of performance measures that are risk-adjusted where appropriate, (3) a pay-for-performance process that allocates individual awards based on both results and how those results were achieved.

Elements of Compensation: The CEO, senior officers, and highly compensated individuals are compensated with a mix of direct cash and incentives as well as retirement plans generally available to all employees. They are compensated according to our Association compensation plan which is reviewed and approved annually by our Board of Directors. Base salary and short-term incentives are intended to be competitive with annual compensation for comparable positions at peer organizations.

Base Salary: The CEO, senior officers, and highly compensated individuals base salaries reflect the individual's experience and level of responsibility. The CEO's base salary is subject to review and approval by the Compensation Committee of our Board of Directors and is subject to adjustment based on changes in responsibilities or competitive market conditions. Other senior officers' and highly compensated individual's compensation is determined by our Human Resources Committee, which is made up of selected members of senior management, and is subject to adjustment based on changes in responsibilities or competitive market conditions.

Short-term Incentives: The CEO, senior officers, and highly compensated individuals incentives are paid annually based on performance criteria established by our Board of Directors. The criteria related to the overall association performance include return on assets, loan volume, net operating rate, credit quality and portfolio risk management. Additionally, performance criteria related to personal performance include attainment of personal objectives and performance ratings. Individual incentives are weighted towards overall association performance differently depending on position held by the individual. Generally, the higher level of responsibilities results in a higher level of compensation based on association performance rather than individual performance. We calculate the incentives after the end of the plan year (the plan year is October 1 through September 30). We pay out the incentives within 90 days of year end.

Retirement Plans: We have various post-employment benefit plans which are generally available to all Association employees, including the CEO, senior officers, and highly compensated individuals based on dates of service to the Association and are not otherwise differentiated by position, unless specifically stated. Information regarding the post-employment benefit plans is included in Notes 2 and 8 to the Consolidated Financial Statements in this Annual Report.

Other Components of Compensation: Additionally, compensation associated with group term life insurance premiums, company owned vehicles, disability insurance premiums, or other taxable reimbursements may be made available to the CEO, senior officers and highly compensated individuals based on our current benefit plan.

Compensation to the CEO, Senior Officers, and Highly Compensated Individuals

(in thousands) Name	Year	Salary	Bonus	Deferred/ Perquisites	Other	Total
Aaron Vetter, CEO	**2022**	**$ 378**	**$ 142**	**$ 2**	**$ 9**	**$ 531**
Aaron Vetter, CEO	2021	314	164	1	93	572
Aaron Vetter, CEO	2020	298	190	1	50	539
Aggregate Number of Senior Officers and Highly Compensated Individuals, excluding CEO						
Eight[1]	**2022**	**$ 1,081**	**$ 426**	**$ 7**	**$ 228**	**$ 1,742**
Six[2]	2021	770	275	6	418	1,469
Five	2020	712	268	6	1,029	2,015

[1]Includes compensation for two senior officers that retired in June and November of 2022. A full year of compensation is included for two individuals who became senior officers in May and October of 2022.

[2]Includes compensation for one senior officer that retired in March 2021 and a full year of compensation for one individual who became a senior officer in April 2021.

The Farm Credit Administration (FCA) Regulations require the disclosure of the total compensation paid during the last fiscal year to all senior officers and highly compensated individuals included in the above table be available and disclosed to our members upon request.

The composition of senior officers may change during the year based on business needs of the association. The composition of highly compensated employees can change due to incentives and salary adjustments as described above.

The amount in the “Other” category in the preceding table primarily includes:

- Employer match on defined contribution plans available to all employees.
- Changes in the value of pension benefits. The change in value of the pension benefits is defined as the change in the vested portion of the present value of the accumulated benefit obligation from December 31 of the prior year to December 31 of the most recent year for the District-wide Pension Plan and the Pension Restoration Plan, as applicable, as disclosed in Note 8 to the Consolidated Financial Statements in this Annual Report. This change in value does not represent cash payments made by the Association during the year, but rather is an estimate of the change in the Association’s future obligations under the pension plans. The change in the value of the pension benefits is highly sensitive to discount rates used to value the plan liabilities to participants.
- Amounts paid related to the retirement of two senior officers in 2022 and one senior officer in 2021.
- Amounts paid related to retention bonus to a highly compensated employee in 2022 and 2020.

No tax reimbursements are made to the CEO, senior officers, or highly compensated individuals.

Generally, pension benefits increase annually as a result of an additional year of credited service and related compensation for plan participants. The value of the pension benefits can also be significantly impacted by changes in interest rates as of the measurement date.

Pension Benefits Attributable to the CEO and Senior Officers

(dollars in thousands) **2022** Name	Plan	Years of Credited Service	Present Value of Accumulated Benefits	Payments Made During the Reporting Period
Aaron Vetter, CEO	AgriBank District Retirement Plan	**23.6**	**$ 289**	**$ --**
	AgriBank District Pension Restoration Plan	**23.6**	**128**	**--**
Aggregate Number of Senior Officers, excluding CEO				
Three	AgriBank District Retirement Plan	**36.5**	**$ 2,747**	**$ 2,474**

Senior officers in the above table includes those who retired during the year.

The change in composition of the aggregate senior officers can have a significant impact on the calculation of the accumulated pension benefits.

Effective January 1, 2007, the AgriBank District Retirement Plan was closed to new employees. Therefore, any employee starting employment with the AgriBank District after that date is not eligible to be in the plan.

The AgriBank District Pension Restoration Plan restores retirement benefits to certain highly compensated employees that would have been provided under the qualified plan if such benefits were not above certain Internal Revenue Code limits. Not all senior officers or highly compensated employees are eligible to participate in this plan.

Transactions with Senior Officers and Directors

Information regarding related party transactions is included in Note 9 to the Consolidated Financial Statements in this Annual Report.

Travel, Subsistence, and Other Related Expenses

Directors and senior officers are reimbursed for reasonable travel, subsistence, and other related expenses associated with business functions. A copy of our policy for reimbursing these costs is available by contacting us at:

Post Office Box 5001
Mandan, ND 58554-5501
(701) 663-6487
www.farmcreditmandan.com

The total directors’ travel, subsistence, and other related expenses were $82 thousand, $56 thousand, and $59 thousand in 2022, 2021, and 2020, respectively.

Involvement in Certain Legal Proceedings

No events occurred during the past five years that are material to evaluating the ability or integrity of any person who served as a director or senior officer on January 1, 2023, or at any time during 2022.

Member Privacy

The FCA Regulations protect members’ nonpublic personal financial information. Our directors and employees are restricted from disclosing information about our Association or our members not normally contained in published reports or press releases.

Relationship with Qualified Public Accountant

There were no changes in the independent auditors since the last Annual Report to members and we are in agreement with the opinion expressed by the independent auditors. The total financial statement audit fees paid during 2022 were $97 thousand. Our engagement letter commits to reimbursing the external auditor for reasonable out-of-pocket expenses as incurred for travel. We also incurred $13 thousand for work related to our implementation of new accounting guidance, which was pre-approved by the Audit Committee.

Financial Statements

The Report of Management, Report on Internal Control over Financial Reporting, Report of Audit Committee, Report of Independent Auditors, Consolidated Financial Statements, and Notes to Consolidated Financial Statements are presented prior to this portion of the Consolidated Financial Statements in this Annual Report.

Young, Beginning, and Small Farmers and Ranchers

Information regarding credit and services to young, beginning, and small farmers and ranchers, and producers or harvesters of aquatic products is included in an addendum to this Annual Report.

YOUNG, BEGINNING, AND SMALL FARMERS AND RANCHERS

Farm Credit Services of Mandan, ACA
(Unaudited)

We have specific programs in place to serve the credit and related services needs of young, beginning, and small (YBS) farmers and ranchers in our territory. The definitions of YBS as developed by the Farm Credit Administration (FCA) follow:

- Young: A farmer, rancher, or producer or harvester of aquatic products who is age 35 or younger as of the loan transaction date.
- Beginning: A farmer, rancher, or producer or harvester of aquatic products who has 10 years or less farming or ranching experience as of the loan transaction date.
- Small: A farmer, rancher, or producer or harvester of aquatic products who normally generates less than $250 thousand in annual gross sales of agricultural or aquatic products.

Mission Statement:

To promote the success of our customers (creditworthy young, beginning, and small farmers and ranchers) by providing the best financial services in our agricultural communities, today, and tomorrow.

Policy to Complete Mission Statement:

We develop and execute an annual business plan to attract qualified YBS farmers and ranchers. This plan will target and market to YBS farmers and ranchers through a variety of credit and outreach programs in an effort to help the next generation of farmers succeed. We are further committed to supporting educational and developmental opportunities to this segment of farmers.

2022 Business Environment:

The demographics of the young, beginning, and small farmers and ranchers in our territory were compiled from the 2017 United States Department of Agriculture (USDA) census data. Per the census data 12.6% of the farm population in our territory was identified as young, 22.3% was identified as beginning, and 77.6% was identified as small farmers and ranchers. As of September 30, 2022, 25% of our loan customers were comprised of young farmers and ranchers, 28% were comprised of beginning farmers and ranchers, and 59% were comprised of small farmers and ranchers.

YBS goals were established for new loan volume and new loan customers for the marketing plan year of October 1, 2021 to September 30, 2022.

- Young Farmers and Ranchers: new loan volume goal of $10.0 million compared to actual new loan volume of $22.6 million.
- Beginning Farmers and Ranchers: new loan volume goal of $10.0 million compared to actual new loan volume of $24.7 million.
- Small Farmers and Ranchers: new loan volume goal of $12.0 million compared to actual new loan volume of $26.8 million
- Young Farmers and Ranchers: new loan customers goal of 100 compared to actual results of 85 customers.
- Beginning Farmers and Ranchers: new loan customers goal of 100 compared to actual results of 90 customers.
- Small Farmers and Ranchers: new loan customers goal of 150 compared to actual results of 117 customers

The target by number was not met but the target for new volume was exceeded and both are notably down from 2021. We continue to utilize USDA Farm Service Agency (FSA) guarantees, subordinations, and personal guarantees to help YBS farmers and ranchers get established.

We also provide related services to the YBS segment of our portfolio. Plan year goals were established for hail insurance, multi-peril crop insurance, and ag accounting and tax services. Utilization of these services by customers defined as young ranged from 25% to 40%. Utilization of these services by customers defined as beginning ranged from 18% to 36%. Usage of all related services by young and beginning farmers and ranchers were right at or slightly above targets set for 2022. Utilization of related services by small farmers and ranchers ranged from 33% to 57%. This did not meet targets set for ag accounting and tax services but was slightly above the targets set for hail and multi-peril crop insurance for small farmers and ranchers. Goals set for 2023 include increased YBS customer usage of each of these products.

We actively promote, sponsor, and/or participate in events and activities to continue to educate young and beginning farmers and ranchers in the industry of agriculture. The purpose of participating in these events and programs is to attract additional young and beginning farmers and ranchers and introduce them to the products and services that are available.

We have offered farm business management programs, and tax and records seminars to help young and beginning farmers and ranchers in the areas of risk management. In addition, we sponsor four high school scholarships to area students interested in pursuing a career in agriculture. We also sponsor various youth activities and commodity organizations.

The objective of offering special loans and related service programs is to make a concerted and cooperative effort to finance YBS farmers and ranchers to the fullest extent of their creditworthiness. The programs are not intended to substitute credit for income of YBS farmers and ranchers who do not have the ability to generate adequate profits for repayment. Additionally, ag accounting and tax services will be promoted at a reduced cost to encourage young farmers and ranchers to purchase the services to better manage and monitor their operation. “New Roots” programs with reduced interest rates and modified underwriting standards are offered to young, beginning, and small farmers and ranchers which include a real estate financing program, an operating loan program, and a term loan program, along with encouraging the use of FSA guarantees and subordinations. Portfolio limits have been established for some of these programs to minimize credit and profit risk exposure.

FUNDS HELD PROGRAM

Farm Credit Services of Mandan, ACA
(Unaudited)

Note: The following information is provided to assure that all FCS of Mandan, ACA customers are familiar with the terms and conditions of our Funds Held Program. This program enables customers to earn interest on funds paid in advance of loan payment due dates or for later payment of other legitimate obligations.

The Association offers a Funds Held Program (Funds Held) that provides for customers to make advance payments on designated loans and other obligations. The following terms and conditions apply to all Funds Held unless the loan agreement, or related documents, between the Association and the customer provide for other limitations.

Payment Application

Loan payments received by the Association before the loan has been billed will normally be placed into Funds Held and applied against the next installment due. Loan payments received after the loan has been billed will be directly applied to the installment due on the loan and related charges, if any. Funds received in excess of the billed amount will be placed into Funds Held unless the customer has specified the funds to be applied as a special prepayment of principal.

When a loan installment becomes due, monies in Funds Held for the loan will be automatically applied toward the installment on the due date. Any accrued interest on Funds Held will be applied first. If the balance in Funds Held does not fully satisfy the entire installment, the customer must pay the difference by the installment due date.

Account Maximum

The total of Funds Held balance may not exceed the unpaid balance of the related loan(s) for long-term mortgage loan(s). For short- and intermediate-term loans, the Association may accept Funds Held up to the amount of the borrower’s outstanding line of credit or loan commitment.

Interest Rate

Interest will accrue on Funds Held at a simple interest rate that may be changed by the Association from time to time. The interest rate may never exceed the interest rate charged on the related loan. Interest rates, subject to the above limitations, are established by the Association's Asset Liability Management Committee and may change from month to month. Customers that are subject to IRS backup withholding under section 3406(a)(1)(c) of the Internal Revenue Code do not receive interest on Funds Held.

Current interest rates are reported on each of the loan statements mailed to customers.

Withdrawals

Funds in a Funds Held account may be available to be returned to borrowers, upon request, for an eligible loan purpose in lieu of increasing the borrower’s loan. No more than 12 withdrawals may be made from a Funds Held account in any calendar year. The minimum amount that may be withdrawn at any one time is normally limited to the lesser of $500 or the balance remaining in the Funds Held account.

Association Options

In the event of default on any loans, or if Funds Held exceeds the maximum limit as established above, or if the Association discontinues their Funds Held program, the Association may apply funds in the account to the unpaid loan balance and other amounts due, and shall return any excess funds to the customer.

Uninsured Account

Funds Held is not a depository account and is not insured. In the event of Association liquidation, customers having balances in Funds Held shall be notified according to regulations.

Questions: Please direct any questions regarding Funds Held to your local Association representative.

Farm Credit Services of Mandan, ACA

Post Office Box 5001 • Mandan, ND 58554-5501 • (701) 663-6487

Visit us at www.farmcreditmandan.com