

FARMER MAC

Accelerating Rural Opportunities

Debt Investor Presentation
First Quarter 2024

Forward-Looking Statements

In addition to historical information, this presentation includes forward-looking statements that reflect management's current expectations for Farmer Mac's future financial results, business prospects, and business developments. Forward-looking statements include, without limitation, any statement that may predict, forecast, indicate, or imply future results, performance, or achievements. Management's expectations for Farmer Mac's future necessarily involve assumptions, estimates, and the evaluation of risks and uncertainties. Various factors or events, both known and unknown, could cause Farmer Mac's actual results to differ materially from the expectations as expressed or implied by the forward-looking statements. Some of these factors are identified and discussed in Farmer Mac's Quarterly Report on Form 10-Q for the quarter ended March 31, 2024, filed with the SEC on May 6, 2024. These reports are also available on Farmer Mac's website (www.farmermac.com). Considering these potential risks and uncertainties, no undue reliance should be placed on any forward-looking statements expressed in this presentation. Any forward-looking statements made in this presentation are current only as of March 31, 2024, except as otherwise indicated. Farmer Mac undertakes no obligation to release publicly the results of revisions to any such forward-looking statements that may be made to reflect new information or any future events or circumstances, except as otherwise mandated by the SEC. The information in this presentation is not necessarily indicative of future results.

NO OFFER OR SOLICITATION OF SECURITIES

This presentation does not constitute an offer to sell or a solicitation of an offer to buy any Farmer Mac security. Farmer Mac securities are offered only in jurisdictions where permissible by offering documents available through qualified securities dealers. Any investor who is considering purchasing a Farmer Mac security should consult the applicable offering documents for the security and their own financial and legal advisors for information about and analysis of the security, the risks associated with the security, and the suitability of the investment for the investor's particular circumstances. Copyright © 2024 by Farmer Mac. No part of this document may be duplicated, reproduced, distributed, or displayed in public in any manner or by any means without the written permission of Farmer Mac.

Use of Non-GAAP Financial Measures

This presentation is for general informational purposes only, is current only as of March 31, 2024 and should be read in conjunction with Farmer Mac's Quarterly Report on Form 10-Q filed with the SEC on May 6, 2024. In the accompanying analysis of its financial information, Farmer Mac uses the following non-GAAP financial measures: core earnings, core earnings per share, and net effective spread. Farmer Mac uses these non-GAAP measures to measure corporate economic performance and develop financial plans because, in management's view, they are useful alternative measures in understanding Farmer Mac's economic performance, transaction economics, and business trends. The non-GAAP financial measures that Farmer Mac uses may not be comparable to similarly labeled non-GAAP financial measures disclosed by other companies. Farmer Mac's disclosure of these non-GAAP financial measures is intended to be supplemental in nature and is not meant to be considered in isolation from, as a substitute for, or as more important than, the related financial information prepared in accordance with GAAP.

Core earnings and core earnings per share principally differ from net income attributable to common stockholders and earnings per common share, respectively, by excluding the effects of fair value fluctuations. These fluctuations are not expected to have a cumulative net impact on Farmer Mac's financial condition or results of operations reported in accordance with GAAP if the related financial instruments are held to maturity, as is expected.

Core earnings and core earnings per share also differ from net income attributable to common stockholders and earnings per common share, respectively, by excluding specified infrequent or unusual transactions that Farmer Mac believes are not indicative of future operating results and that may not reflect the trends and economic financial performance of Farmer Mac's core business.

Farmer Mac uses net effective spread to measure the net spread Farmer Mac earns between its interest-earning assets and the related net funding costs of these assets. Net effective spread differs from net interest income and net interest yield because it excludes: (1) the interest income and interest expense associated with the consolidated trusts and the average balance of the loans underlying these trusts; and (2) the fair value changes of financial derivatives and the corresponding assets or liabilities designated in fair value hedge accounting relationships. Net effective spread also principally differs from net interest income and net interest yield because it includes the accrual of income and expense related to the contractual amounts due on financial derivatives that are not designated in hedge accounting relationships ("undesignated financial derivatives") and the net effects of terminations or net settlements on financial derivatives, which consist of: (1) the net effects of cash settlements on agency forward contracts on the debt of other GSEs and U.S. Treasury security futures that we use as short-term economic hedges on the issuance of debt; and (2) the net effects of initial cash payments that Farmer Mac receives upon the inception of certain swaps.

A MISSION-DRIVEN, FOR-PROFIT COMPANY

Our Mission:

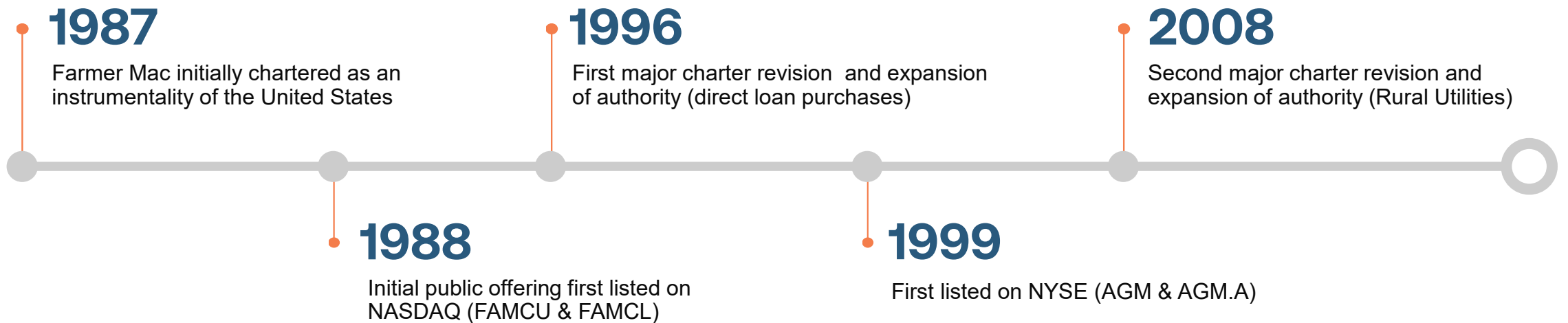
- Increase the accessibility of financing for American agriculture and rural infrastructure.

Our Stakeholders:

- Financial institutions
- Rural electric cooperatives
- Farmers, ranchers, and rural communities
- Stockholders
- Employees
- Congress
- Regulator

Our Corporate Culture is Rooted in Our Values:

- Innovation
- Passion for our Mission
- Integrity
- Excellence
- Relationships



FARMER MAC'S OPERATING MODEL

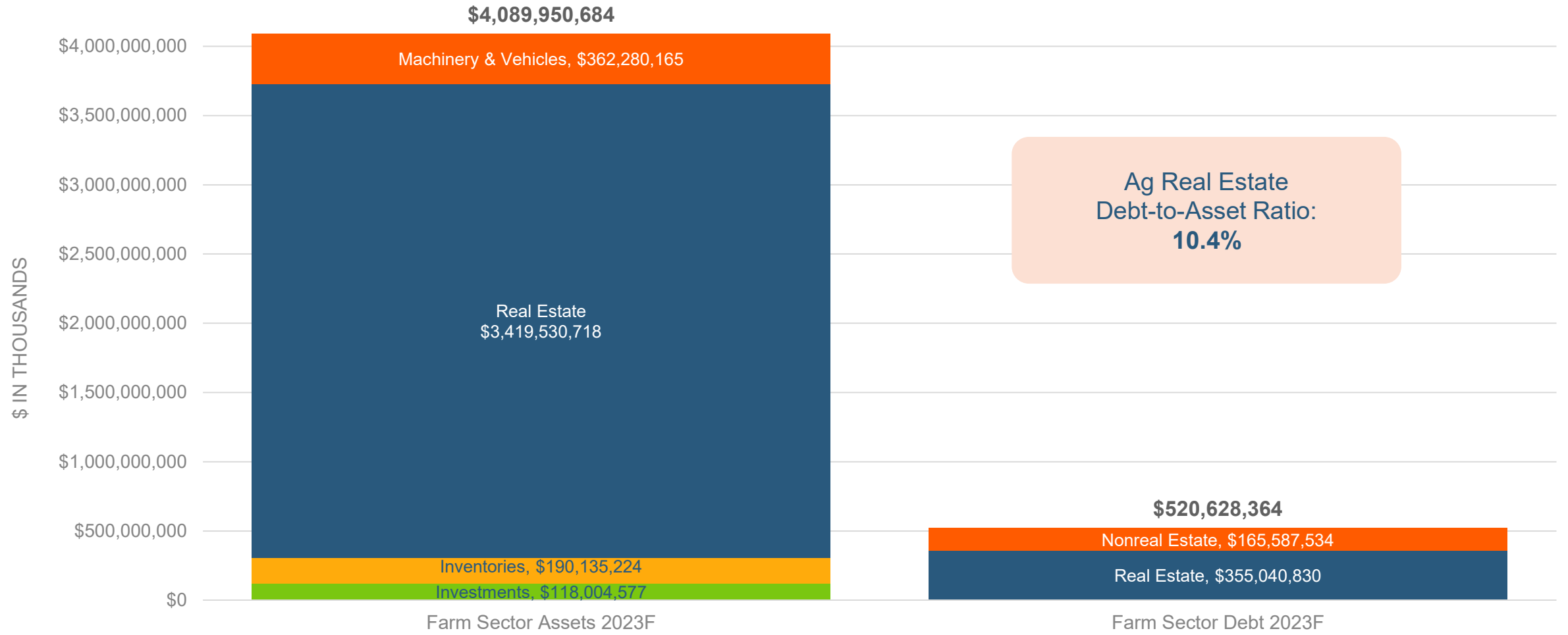


▶ Farmer Mac's Regulatory/Congressional Oversight

- Regulated by the Farm Credit Administration (FCA) through its Office of Secondary Market Oversight (OSMO)
- Congressional oversight through Senate and House Agricultural Committees

Operating model excludes issued agricultural mortgage-backed securities and long-term standby purchase commitment credit protection components of our business.

U.S. AGRICULTURAL BALANCE SHEET ⁽¹⁾



CENTRAL TO A LARGE AGRICULTURAL MORTGAGE MARKET



FARMER MAC

(FCS Secondary Market GSE)

Agricultural Finance Line of Business
(Farm & Ranch and Corporate AgFinance)

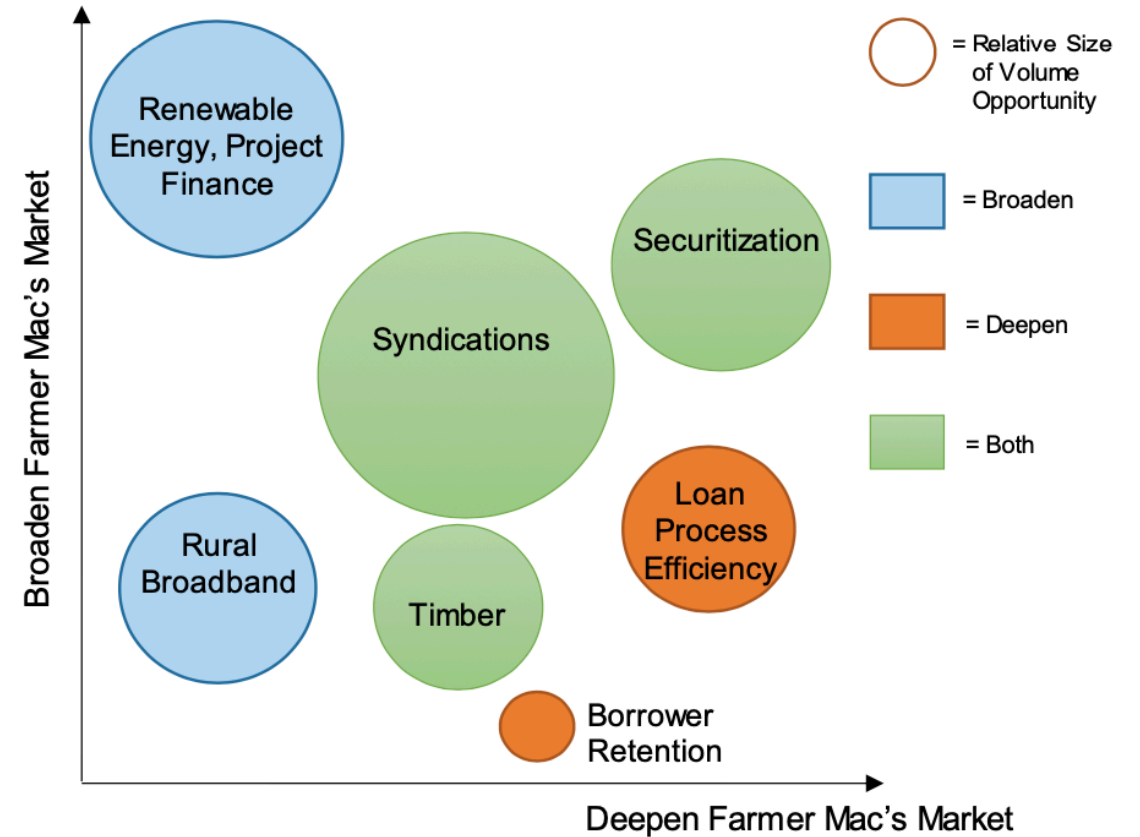
GROWTH OPPORTUNITIES

▶ Broaden Farmer Mac's Market

- Evaluating opportunities not currently being pursued by Farmer Mac
 - New lines of business
 - New products

▶ Deepen Farmer Mac's Market

- Improving processes and operating practices
 - Customer interaction
 - Transaction processes
 - Existing loan features and pricing



FARMER MAC'S FINANCIAL STRENGTHS

Capital Surplus

- Core capital **\$1.5 billion**, **70%** above the statutory minimum capital
- Tier 1 Capital Ratio of **15.5%**^(*)

Quality Assets

- 90-day delinquencies of only **0.27%** across all lines of business
- Cumulative Agricultural Finance Mortgage Loans lifetime losses of only **0.10%**

Liquidity

- **\$5.8 billion** liquidity portfolio on March 31, 2024
- High-quality assets provided **295 days of liquidity** as of March 31, 2024
- \$1.5 billion line of credit with U.S. Treasury to satisfy guarantee obligations

Low Interest Rate Risk

- Funding of assets effectively locks in fixed-rate net spreads
- Effective interest rate and pre-payment risk management
- Extensive stress testing to ensure ongoing effective match

Growth Prospects

- Ag productivity **must double** to meet expected global demand
- U.S. ag mortgage market **~\$355 billion** and growing
- Renewable electricity capacity expected to grow by **48% in the next five years**

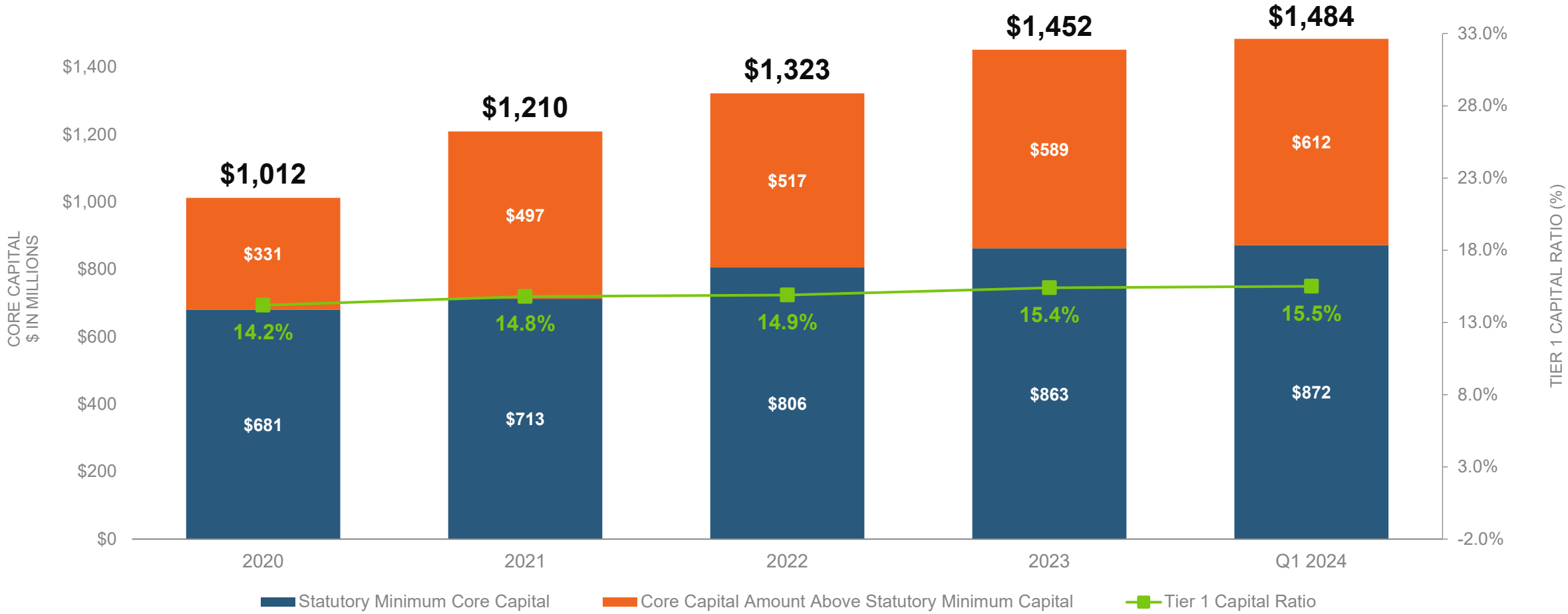
Strong Returns, Responsible Growth

- Core earnings **ROE ~19%** in 2023 and consistent net effective spread^(**)
- Increased quarterly dividend payments for **13 consecutive years**

^(*) Tier 1 capital consists of retained earnings, paid-in capital, common stock, and qualifying preferred stock.

^(**) Core earnings and net effective spread are non-GAAP measures. For more information on the use of these non-GAAP measures, please see page 03.

STRONG AND GROWING CAPITAL BASE



Statutory Minimum Core Capital defined as total stockholders' equity less accumulated other comprehensive income.

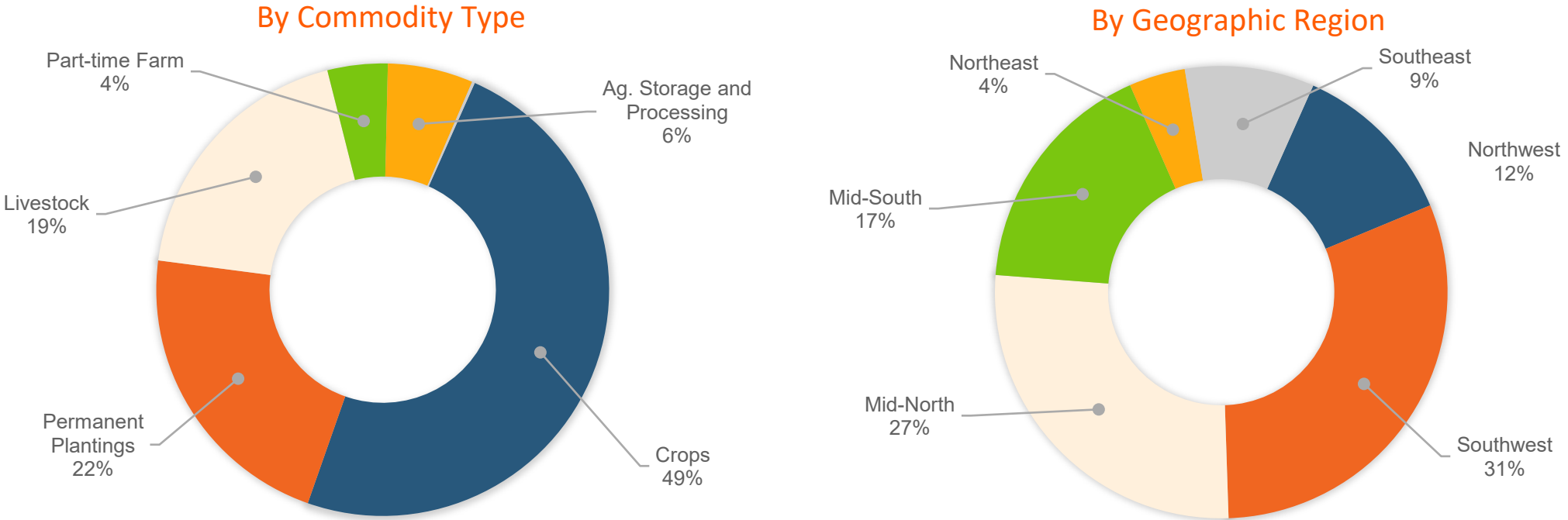
LINES OF BUSINESS

Line of Business	Segment	Spread Income Products	Fee Income Products	Volume (\$ IN BILLIONS)	Q1 Net Effective Spread (%)
Agricultural Finance	Farm & Ranch	<ul style="list-style-type: none"> Loans AgVantage Securities Guaranteed Securities USDA 	<ul style="list-style-type: none"> LTSPCs Guaranteed Securities Loans Serviced for Others 	\$18.9	0.95%
	Corporate AgFinance	<ul style="list-style-type: none"> Loans AgVantage Securities 	<ul style="list-style-type: none"> Unfunded loan commitments 	\$1.8	2.05%
Rural Infrastructure Finance	Rural Utilities	<ul style="list-style-type: none"> Loans AgVantage Securities 	<ul style="list-style-type: none"> LTSPCs Unfunded Commitments Guaranteed Securities 	\$7.4	0.42%
	Renewable Energy	<ul style="list-style-type: none"> Loans 	<ul style="list-style-type: none"> Unfunded Loan Commitments 	\$0.7	1.75%
Treasury	Funding				0.45%
	Investments				0.03%
				\$28.8	1.14%

As of March 31, 2024

AGRICULTURAL FINANCE

LOAN PORTFOLIO DIVERSIFICATION



As of March 31, 2024

► **Agricultural Update⁽³⁾**

- USDA’s Economic Research Service estimates \$160.4 billion in net cash incomes in 2023, a decrease from 2022 and increase from 2021 incomes.
- Net cash income in 2024 is forecast to fall by 24% due to elevated input costs and moderating commodity prices.

FARMER MAC USES PROVEN, RIGOROUS UNDERWRITING

▶ Industry-leading credit requirements

- Total debt coverage ratio of at least 1.25x
- LTVs average 40% to 45% on mortgages purchased
- Minimum borrower net equity of 50%

▶ Credits are less likely to default

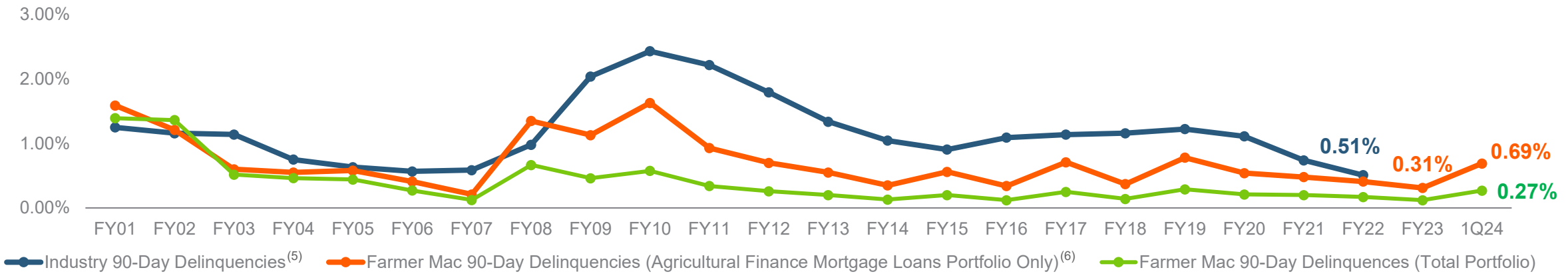
- Focus on repayment capacity through stressed inputs
- Not a “lender of last resort”
- Farm Credit Administration is our safety and soundness regulator

▶ Losses less likely even in default

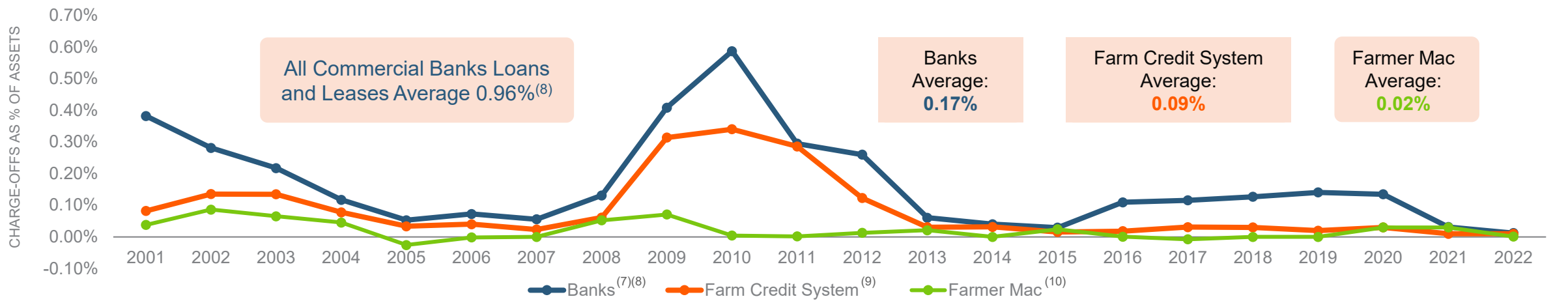
- Average portfolio LTV of 46% as of March 31, 2024
- Land values need to decline >55% to generate material losses across Agricultural Finance mortgage loans portfolio
- “Stress scenario” losses of 17% to 48%
- 1980s crisis saw land value declines of ~23%⁽⁴⁾

CREDIT CONSISTENTLY OUTPERFORMS

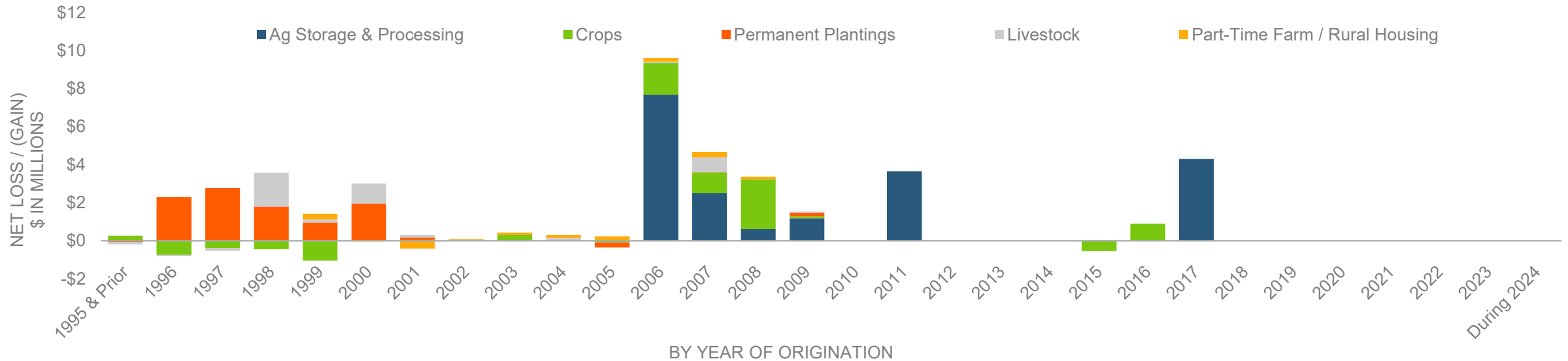
90-Day Delinquencies



Agricultural Lender Charge-off Rates



HISTORICAL CREDIT LOSSES



▶ **Agricultural Finance Mortgage Loans have historical cumulative losses of 0.10%, or less than 1bp per year.**

- Agricultural Finance Mortgage Loans have cumulative losses of \$38 million on \$37 billion of cumulative Agricultural Finance Mortgage Loans historical business volume.

▶ **Farmer Mac has not reported any credit losses to date in any products other than Agricultural Finance Mortgage Loans.**

FARMER MAC COMPARED TO FARM CREDIT BANKS

FARMER MAC

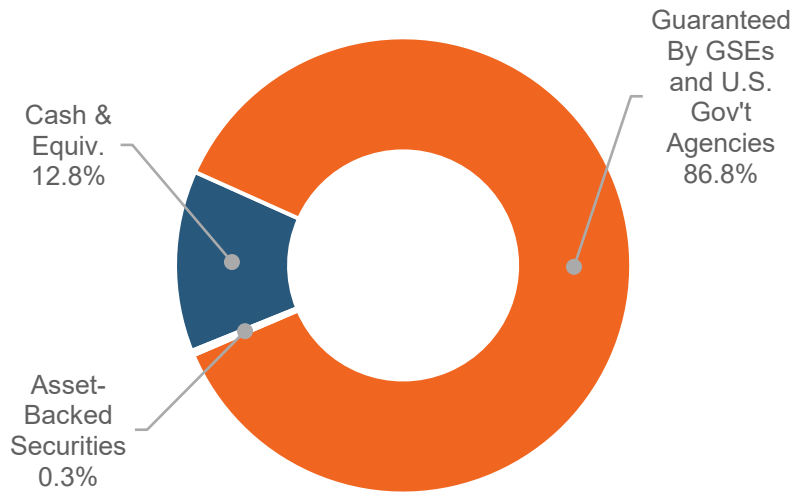
Market	Provides secondary market for agricultural and rural infrastructure loans
Funding	Farmer Mac funds for our own business through dealers in the capital markets
Board	Five of the fifteen board members elected annually by Farm Credit System institutions; five are selected by presidential appointment
Charter	Congress established authority under the Agricultural Credit Act of 1987
Regulator	Farm Credit Administration (FCA) through the Office of Secondary Market Oversight (OSMO)
Ownership Structure	Public shareholders

FARM CREDIT BANKS

Market	Provides primary market for primarily agricultural and rural housing loans
Funding	Farm Credit Funding Corp. raises funds for its member banks through dealers in the capital markets
Board	Farm Credit Banks have differently constituted Boards
Charter	Congress established authority for predecessor entities in 1916
Regulator	Farm Credit Administration (FCA)
Ownership Structure	Network of cooperatives

LIQUIDITY— INVESTMENT PORTFOLIO

Liquidity Portfolio^(*)



- ▶ **Farmer Mac maintains an investment portfolio to provide back-up source of liquidity in excess of regulatory requirements**
 - Minimum of 90 days of liquidity required by regulation
- ▶ **\$5.8 billion investment portfolio on March 31, 2024**
 - Cash and high-quality investment securities
 - Conservative portfolio goals
 - Minimize exposure to market volatility
 - Preservation of capital
 - Ready access to cash
 - Provided **295** days of liquidity as of March 31, 2024
- ▶ **Farmer Mac also has \$1.5 billion line of credit with U.S. Treasury**
 - Supports Farmer Mac's guarantee obligations
 - Farmer Mac has not utilized this line of credit

(*) Percentages may not add to 100 due to rounding

INTEREST RATE RISK

- ▶ **Fund asset purchases with liabilities that have similar interest rate characteristics**
 - Duration and convexity alignment
 - Coupon type
 - Reset frequency
- ▶ **Manage pre-payment risk on mortgages**
 - Issue a portfolio of callable and bullet debt across spectrum of maturities to obtain the appropriate duration and convexity alignment
 - Can adjust effective asset and debt coupon and duration characteristics through the use of interest rate swaps or other derivatives
- ▶ **Perform regular stress testing and disclose a variety of sensitivity measures**
 - Duration Gap
 - Market Value of Equity (MVE) Sensitivity
 - Net Effective Spread (NES) Sensitivity
 - Measure these sensitivities' impact on various capital metrics

FARMER MAC FUNDING PROGRAM

OVERVIEW

▶ Finance asset purchases with proceeds of debt issuances

- 30 approved dealers
- Funding effectively locks in net spread
- Discount notes issued daily
- Regular rollover maturities include overnight, 30, 90, and 365 days
- Reverse inquiry for special maturities
- Medium-term notes issued periodically
- Fixed rate and callable maturities up to 30 years
- Floating rate notes based on a variety of indices
- Reverse inquiry for special structures and maturities

▶ Farmer Mac's debt securities may carry privileges for certain holders

- Farmer Mac debentures are eligible securities for the Federal Reserve's Standing Repo Facility
- Many Federal Regulated Entities: 20% capital risk weighting
- Federal Reserve Banks: Collateral for advances and discounts
- SEC: Exempt from registration requirements under the 1933 Act
- National Association of Insurance Commissioners (NAIC): # 1 Designation
- National Credit Union Administration (NCUA): Investment for federal credit unions
- Investment Company Act of 1940: Classified as a "Government Security"

FARMER MAC MEDIUM-TERM NOTE PROGRAM

	POSTINGS	REVERSE INQUIRY	AUCTION
DESCRIPTION	Structures, sizes, and coupons are sent to dealer group; sizes are updated until offerings are closed.	Dealer/investor request structure and sizes; Farmer Mac strives to fulfill each request.	Auction time, structures, and sizes sent to dealer group; lowest UST spread wins bonds.
TYPICAL STRUCTURES	<ul style="list-style-type: none"> Floating (SOFR, Fed Funds, T-bill, Prime) and Fixed Rate Bullets with maturities up to 30 years Callables (Fixed and Step Up/Down Rate) with flexible lockout and call features, with maturities of up to 30 years 	<ul style="list-style-type: none"> Floating (SOFR, Fed Funds, T-bill, Prime) and Fixed Rate Bullets with maturities up to 30 years Callables (Fixed and Step Up/Down Rate) with flexible lockout and call features, with maturities of up to 30 years 	<ul style="list-style-type: none"> Fixed Rate Bullets with maturities up to 30 years Callables (Fixed and Step Up/Down Rate) with flexible lockout and call features, with maturities of up to 30 years
TYPICAL SIZES	\$5 – 250 million	\$5 – 250 million	\$5 – 250 million
SETTLEMENT	5 – 20 business days	5 – 20 business days	5 – 20 business days
ISSUANCE FREQUENCY	Daily	As requested	Tues and/or Thurs (as needed)*

To see daily medium-term note postings and auctions, visit our Bloomberg page [FAMC <GO>](#)

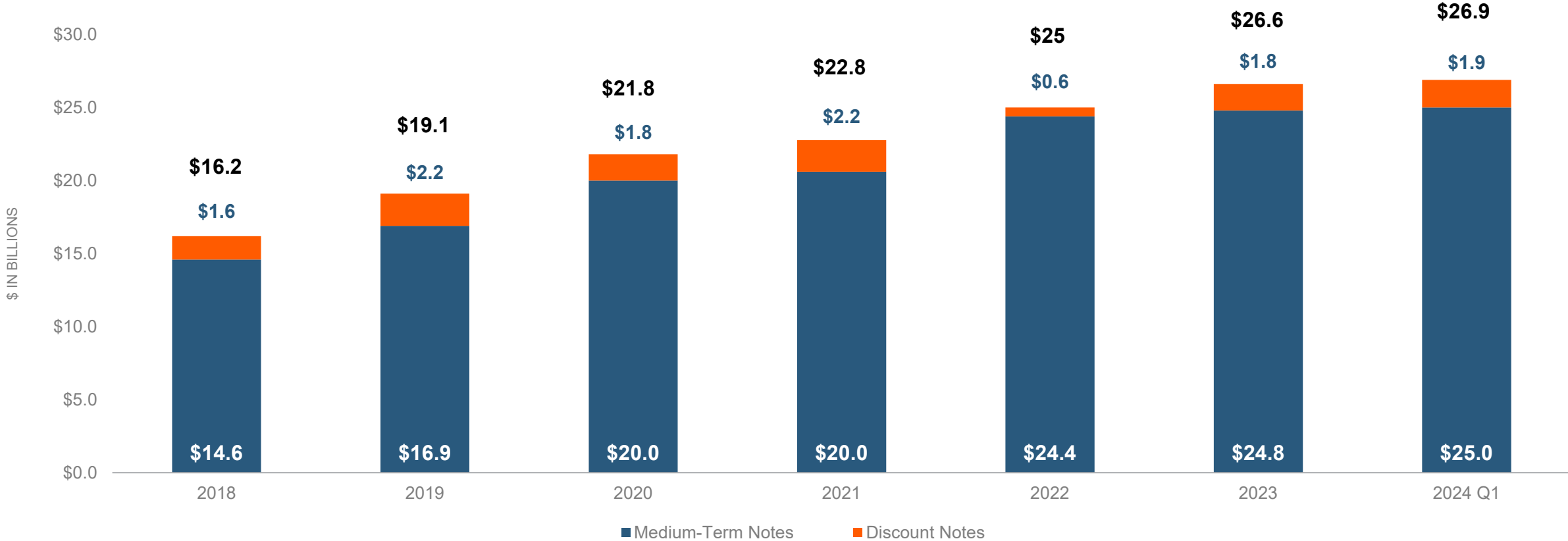
* Auctions may occur on non-specified days as needed

FARMER MAC DISCOUNT NOTE PROGRAM

	WINDOW	REVERSE INQUIRY	AUCTION
DESCRIPTION	Structures, sizes, and discount rates are sent to dealer group and posted on Bloomberg System (ADN5 <Go>); sizes are updated until offerings are closed.	Dealer/investor request structure and sizes; Farmer Mac strives to fulfill each request.	Auction time, structures, and sizes sent to dealer group; lowest discount rate wins bonds.
TYPICAL STRUCTURES	1 week – 1 year	1 week – 1 year	1 week – 1 year
TYPICAL SIZES	\$5 – 250 million	\$5 – 250 million	\$5 – 250 million
SETTLEMENT	Same day – 5 business days	Same day – 5 business days	Same day – 5 business days
ISSUANCE FREQUENCY	Daily	As requested	Monthly

To see daily medium-term note postings and auctions, visit our Bloomberg page FAMC <GO>

FARMER MAC DEBT OUTSTANDING



APPENDIX

KEY COMPANY METRICS

(\$ in thousands, except per share amounts)	2024 YTD	2023	2022	2021	2020
Core Earnings	\$43,392	\$171,156	\$124,314	\$113,570	\$100,612
Core Earnings per Diluted Share	\$3.96	\$15.65	\$11.42	\$10.47	\$9.33
Net Effective Spread (\$)	\$83,044	\$326,980	\$255,529	\$220,668	\$196,956
Net Effective Spread (%)	1.14%	1.18%	1.02%	0.98%	0.93%
Guarantee & Commitment Fees	\$4,982	\$18,928	\$18,144	\$17,533	\$19,150
Core Capital Above Statutory Minimum	\$612,127	\$589,400	\$516,900	\$496,800	\$331,400
Common Stock Dividends per Share	\$1.40	\$4.40	\$3.80	\$3.52	\$3.20
Outstanding Business Volume	\$28,847,230	\$28,471,024	\$25,922,082	\$23,614,463	\$21,929,095
90-Day Delinquencies	0.27%	0.12%	0.17%	0.20%	0.21%
Recovery/(Credit Losses)	\$0	\$0	(\$903)	\$1,054	(\$5,759)
Book Value per Share	\$92.00	\$89.24	\$77.61	\$67.37	\$60.41
Core Earnings Return on Equity	17%	19%	16%	16%	16%

- Core earnings, core earnings per share, and net effective spread are non-GAAP measures. For more information on the use of these non-GAAP measures, please see page 3. For a reconciliation of core earnings to GAAP net income attributable to common stockholders and core earnings per share to earnings per common share, and a reconciliation of net effective spread to GAAP net interest income, please refer to pages 28-29 of the Appendix.
- Book Value per Share excludes accumulated other comprehensive income.

FUNDING

▶ Finance asset purchases with proceeds of debt issuances:

- 30 dealers
- Match-funding provides for stable net effective spread and immaterial interest rate risk

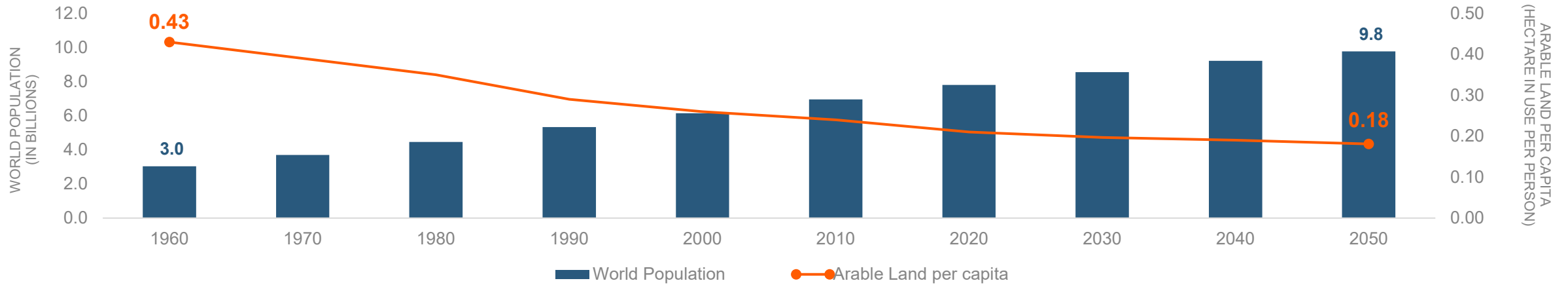
▶ Farmer Mac's debt securities carry privileges for certain holders:

- 20% capital risk weighting
- Eligible collateral for Fed advances
- Legal investments for many federally supervised financial institutions (banks, etc.)

Debt Securities Trade at Narrow Spreads to Comparable Maturity Treasuries

Maturity (Years)	3	5	7	10
Spread to Treasury As of March 31, 2024	8 bps	8 bps	23 bps	33 bps

“DEMAND PULL” PROVIDES SUSTAINED GROWTH OPPORTUNITY



- ▶ **World population is expected to grow to 9.8 billion by 2050.**
 - Arable land per person is expected to decline over 40% from 2005 to 2050.
- ▶ **USDA projects a 75% increase in total production and consumption of major field crops in the same period, as well as:**
 - A 43% increase in world population.
 - Higher protein diets as incomes in developing countries increase.

Productivity would need to nearly double by 2050 to feed the world

RECONCILIATION OF NET INCOME TO CORE EARNINGS

<i>(in thousands)</i>	Core Earnings by Period Ended				
	2024 YTD	2023	2022	2021	2020
Net income attributable to common stockholders	\$ 46,955	\$ 172,838	\$ 150,979	\$ 111,413	\$ 94,904
Less reconciling items:					
Gains/(losses) on undesignated financial derivatives due to fair value changes	1,683	5,142	13,495	(1,430)	(1,701)
Gains/(losses) on hedging activities due to fair value changes	3,002	(5,394)	5,343	(1,809)	(4,759)
Unrealized gains/(losses) on trading assets	(14)	1,979	(917)	(115)	51
Amortization of premiums/discounts and deferred gains on assets consolidated at fair value	31	175	39	130	58
Net effects of terminations or net settlements on financial derivatives and hedging activities	(192)	227	15,794	494	1,236
Issuance costs on retirement of preferred stock	-	-	-	-	(1,667)
Income tax effect related to reconciling items	(947)	(447)	(7,089)	573	1,074
Sub-total	3,563	1,682	26,665	(2,157)	(5,708)
Core earnings	\$ 43,392	\$ 171,156	\$ 124,314	\$ 113,570	\$ 100,612

Issuance costs on retirement of preferred stock relates to the write-off of deferred issuance costs as a result of the retirement of Series A Preferred Stock and Series B Preferred Stock.

RECONCILIATION OF NET INTEREST INCOME TO NET EFFECTIVE SPREAD

For the Year Ended March 31, 2024

\$ in thousands	2024 YTD		2023		2022		2021		2020	
	Dollars	Yield	Dollars	Yield	Dollars	Yield	Dollars	Yield	Dollars	Yield
Net interest income/yield	\$ 86,368	1.15%	\$ 327,547	1.15%	\$ 270,940	1.04%	\$ 221,951	0.94%	\$ 195,848	0.87%
Net effects of consolidated trusts	(1,052)	0.02%	(4,171)	0.02%	(4,239)	0.02%	(4,864)	0.02%	(6,601)	0.02%
Expense related to undesignated financial derivatives	(34)	0.00%	(4,845)	-0.02%	(7,756)	-0.03%	2,841	0.02%	3,468	0.02%
Amortization of premiums/discounts on assets consolidated at fair value	(27)	0.00%	(175)	0.00%	(24)	0.00%	(45)	0.00%	197	0.00%
Amortization of losses due to terminations or net settlements on financial derivatives and hedging activities	791	0.01%	3,230	0.01%	2,413	0.01%	446	0.00%	120	0.00%
Fair Value Changes on fair value hedge relationships	(3,002)	-0.04%	5,394	0.02%	(5,805)	-0.02%	339	0.00%	3,924	0.02%
Net Effective Spread	\$ 83,044	1.14%	\$ 326,980	1.18%	\$ 255,529	1.02%	\$ 220,668	0.98%	\$ 196,956	0.93%

RESOURCES

- Footnote 1: USDA Economic Research Service year end 2023 balance sheet (<https://data.ers.usda.gov/reports.aspx?ID=17835>). Farm Sector Assets and Farm Sector Debt values are values for 2023 from USDA Economic Research Service.
- Footnote 2: Eligible ag real estate mortgage market structure shown includes the forecast for outstanding unpaid principal balance of first lien ag mortgage assets for December 31, 2023.
- Footnote 3: USDA, Economic Research Service U.S. and State-Level Farm Income and Wealth Statistic (<https://www.ers.usda.gov/data-products/farm-income-and-wealth-statistics/data-files-us-and-state-level-farm-income-and-wealth-statistics/>).
- Footnote 4: USDA, National Agricultural Statistics Service (as of August 2015). Historic values are not necessarily predictive of future results or outcomes.
- Footnote 5: FDIC Call Report Data & Farm Credit Funding Corp Annual Information Statements – Non-accrual real estate loans and accruing loans that are 90 days or more past due made by commercial and Farm Credit System banks (as of December 2022).
- Footnote 6: Delinquencies reflect Farmer Mac’s Agricultural Finance mortgage loan portfolio that are 90 days or more past due, in foreclosure, or in bankruptcy with at least one missed payment, excluding loans performing under either their original loan terms or a court -approved bankruptcy plan.
- Footnote 7: Kansas City Federal Reserve Agriculture Finance Databook (<https://www.kansascityfed.org/agriculture/agfinance -updates/>).
- Footnote 8: Banks’ charge-off rate is a percentage of agricultural loan assets.
- Footnote 9: Farm Credit Banks Funding Corporation Annual Information Statements; Farm Credit System’s charge-off rate is the percentage of total loans and guarantees.
- Footnote 10: Farmer Mac’s charge-off rate is the percentage of total loans and guarantees.
- Footnote 11: USDA, Economic Research Service Global Drivers of Agricultural Demand and Supply, September 2014.
- Footnote 12: Food and Agriculture Organization of the United Nations, “World Agriculture Towards 2030/2050,” June 2012.

DEBT INVESTOR RELATIONS CONTACTS

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