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**MANAGEMENT'S DISCUSSION AND ANALYSIS**

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The following commentary reviews the consolidated financial condition and consolidated results of operations of Compeer Financial, ACA and its subsidiaries Compeer Financial, FLCA and Compeer Financial, PCA. This discussion should be read in conjunction with both the unaudited consolidated financial information and related notes included in this Quarterly Report as well as Management's Discussion and Analysis included in our Annual Report for the year ended December 31, 2018 (2018 Annual Report).

Due to the nature of our financial relationship with AgriBank, FCB (AgriBank), the financial condition and results of operations of AgriBank materially impact our stockholders' investment. To request free copies of AgriBank financial reports or additional copies of our report, contact us at:

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**FORWARD-LOOKING INFORMATION**

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Any forward-looking statements in this Quarterly Report are based on current expectations and are subject to uncertainty and changes in circumstances. Actual results may differ materially from expectations due to a number of risks and uncertainties. More information about these risks and uncertainties is contained in our 2018 Annual Report. We undertake no duty to update or revise any forward-looking statements, whether as a result of new information, future events, or otherwise.

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**AGRICULTURAL AND ECONOMIC CONDITIONS**

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Our credit portfolio includes exposure within several diverse sectors of production agriculture. In its most recent estimate, the United States Department of Agriculture (USDA) projects 2019 net farm income of \$88.0 billion, which is an increase of \$4.8 billion from 2018. The USDA also estimated an increase of \$7.3 billion in net cash income from 2018, to \$112.6 billion. The forecast increase includes better overall revenue in animal/animal product receipts and a large increase to the trade-related Market Facilitation Program (MFP) payments. These offset an expected decline in grain receipts and a slight increase to production expenses. The USDA also expects that 2019 will see a gain in farm equity of 1.8% (\$46.1 billion).

A significant portion of our income is generated from the grain, dairy, and swine sectors of production agriculture. Diverse economic and agricultural conditions within these industries yield variation in 2019 industry profitability. Delayed spring planting, due to wet and cool conditions, lessened overall yield potential for both corn and soybeans. In fact, there is little consensus among yield forecasts from USDA and outside sources. The lack of an early killing frost was beneficial to producers with late-planted crops, though wet conditions are persisting into the fall harvest. Tighter expected grain inventories are leading to slight rises in feed costs for the protein sectors. Despite the increase, dairy production margins are more favorable than those of 2018. While dairy margins steadily improved, swine margins have been volatile due to foreign disease concern and trade disruption. Solid domestic macroeconomic conditions helped the rural housing, energy, as well as food processing and distribution segments, which comprise a significant portion of the portfolio. Overall, our credit quality remains stable.

In its most recent World Agricultural Supply and Demand Estimates report (October 2019), USDA forecast expected corn yields of 168.4 bushels per acre, eight bushels below both 2018 and 2017 harvests. Lower expected export and domestic demand partially offset the lower yield, though ending stocks are nearly 200 million bushels lower than 2018. Expected average farm price is \$3.80 per bushel, a \$0.09 rise over a year previous. Soybean harvested acres of 75.6 million are 12 million below the 2018 harvest. As with corn, expected yields of 46.9 bushels per acre are 3.7 bushels below the previous harvest. Carryout inventory of 460 million bushels is nearly half of the 2018 carryout due to the lowered yield and harvested acres. Expected average farm price is \$9.00 per bushel, a \$0.52 rise from 2018. The Minneapolis Federal Reserve Bank (covering Minnesota, Montana, North Dakota, South Dakota, and parts of Michigan and Wisconsin) estimates that district corn production will decline 10% in 2019 with soybeans expected down 26%, both significantly below the national average. The USDA also announced MFP payments of \$14.5 billion to be paid in three tranches, beginning in August.

After an extended period of below average margins, dairy industry profitability is improving, even as feed costs increase. Improvement in exports and fewer cows have brought supplies down. The U.S. Dairy Export Council indicated export increases of 3% through August, the highest increase in five years. The USDA estimates annual average all-milk price of \$18.40 per hundredweight in 2019, significantly above the \$16.18 in 2018. As component pricing improves, expectation is that many dairy operations will be at breakeven or better for the year. Included in the most recent farm bill were provisions leading toward new dairy risk management tools that, if utilized properly, enhance margin protection.

Asia, and in particular China, is struggling with expanding outbreaks of African Swine Fever. The disease has already led to a rapid decline in the Chinese hog inventory, with estimated amounts varying widely. The market has reacted with significant volatility over the preceding six months in both market prices and in local basis levels. While the disease continues to spread within Asia, it also remains within the feral pig population in Europe. To date this has not led to commercial hog infections in Europe, and the disease remains outside of North and South America.

Pork production, as of September 2019, included 77.7 million head, a 3% increase from the previous year, according to the Quarterly Hogs and Pigs report published by the National Agricultural Statistics Service of the USDA. Further, intended farrowings for the September to November quarter of 3.16 million sows are 1% below those of a year ago. The industry relies on exports to clear a significant portion of production from the market. As such, resolution of trade impasses with major export partners could significantly improve the margin environment for producers by removing market barriers. Coupled with the disease situation in Asia, U.S. pork producers could experience a strong export environment.

Our portfolio also includes a significant presence in several industries influenced by macroeconomic, rather than agricultural, conditions. The housing portfolio, in particular, relies upon the health of the general economy. As measured by the CoreLogic Home Price Index, August nationwide home prices increased 3.6% over the previous year. Assessing growth prospects for the coming year, CoreLogic indicates an expected price increase of 5.8%. Despite the continued strength in the housing market, U.S. home ownership remains low, at 64.1%, though the millennial generation is approaching home-formation age, possibly boosting future demand. The food processing and distribution industry continues to benefit from solid general economy metrics, and especially from low unemployment. The most recent U.S. Bureau of Labor Statistics unemployment rate of 3.5% is historically low. Rural power and telecommunication segments are also benefitting from continued economic growth. The U.S. Congressional Budget Office forecasts real gross domestic product growth of 2.3% in 2019.

While less than ideal environmental, market, and geopolitical conditions have affected several industries that we serve, the portfolio continues to experience relatively low delinquencies and sound credit quality. Our core credit objectives of working with clients to promote risk management, ensuring high quality financial statements and production reports, encouraging disciplined marketing plans, and providing individualized servicing plans and strategies remain unchanged. We also remain committed to being an advocate for positive legislative changes that improve prospects for agriculture and rural America.

## LOANS HELD TO MATURITY

### Loans Held to Maturity

Loans held to maturity were \$19.1 billion at September 30, 2019, an increase of \$329.1 million from December 31, 2018. The increase in total loans was primarily driven by growth in the capital markets, Agri-Access and food/agribusiness sectors, offset by decreases in the grain and swine sectors.

### Portfolio Credit Quality

The credit quality of our portfolio declined slightly from December 31, 2018. Adversely classified loans increased slightly to 3.6% of the portfolio at September 30, 2019, from 3.0% of the portfolio at December 31, 2018. The increase was due to a continued overall downturn in the agricultural economy, led by stress in the grain and dairy sectors. Adversely classified loans are loans we have identified as showing some credit weakness outside our credit standards. We have considered portfolio credit quality in assessing the reasonableness of our allowance for loan losses.

In certain circumstances, Federal Agricultural Mortgage Corporation and other government agency guarantee programs are used to reduce the risk of loss. At September 30, 2019, \$1.3 billion of our loans were, to some level, guaranteed under these government programs.

### Risk Assets

#### Components of Risk Assets

(dollars in thousands)	September 30	December 31
As of:	2019	2018
Loans:		
Nonaccrual	\$ 154,066	\$ 114,894
Accruing restructured	7,208	11,278
Accruing loans 90 days or more past due	5,756	7,427
Total risk loans	167,030	133,599
Other property owned	138	167
Total risk assets	\$ 167,168	\$ 133,766
Total risk loans as a percentage of total loans	0.9%	0.7%
Nonaccrual loans as a percentage of total loans	0.8%	0.6%
Current nonaccrual loans as a percentage of total nonaccrual loans	43.8%	36.4%
Total delinquencies as a percentage of total loans	0.8%	0.8%

Note: Accruing loans include accrued interest receivable.

Our risk assets have increased from December 31, 2018, but have remained at acceptable levels. Despite the increase in risk assets, total risk loans as a percentage of total loans were well within our established risk management guidelines.

The increase in nonaccrual loans was primarily due to stress within the grain and dairy sectors, as discussed in the Portfolio Credit Quality section. Even with these slight increases, nonaccrual loans remained at an acceptable level at September 30, 2019.

The decrease in accruing restructured loans from December 31, 2018, to September 30, 2019, was primarily due to the payoff of one previously restructured loan.

Our accounting policy requires loans past due 90 days or more to be transferred into nonaccrual status unless adequately secured and in the process of collection. Based on our analysis, accruing loans 90 days or more past due were eligible to remain in accruing status.

### 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 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	September 30	December 31
As of:	2019	2018
Allowance as a percentage of:		
Loans	0.4%	0.3%
Nonaccrual loans	46.8%	52.2%
Total risk loans	43.2%	44.9%

The increase in our allowance for loan losses from December 31, 2018, was due to provision expense recorded primarily to reflect the increase in risk assets noted above. In our opinion, the allowance for loan losses was reasonable in relation to the risk in our loan portfolio at September 30, 2019.

### LOANS HELD FOR SALE

We originate loans held for sale under our secondary market program, which is a rural residential mortgage program designed to provide qualified borrowers with options for competitive rate financing of rural homes in small towns or homes that are part of a hobby farm, pastureland, or tillable acreage. Loans closed under this program will be sold to and securitized by third party investors. At September 30, 2019, the volume in this program was \$30.3 million, an \$11.8 million increase from December 31, 2018. The increase was the result of our originations of new loans held for sale.

### RESULTS OF OPERATIONS

#### Profitability Information

(dollars in thousands)

For the nine months ended September 30	2019	2018
Net income	\$ 292,979	\$ 281,446
Return on average assets	1.9%	1.9%
Return on average equity	10.5%	10.8%

Changes presented in the profitability information chart relate directly to:

- Changes in income discussed in this section
- Changes in assets discussed in the Loans Held to Maturity section
- Changes in capital discussed in the Funding, Liquidity, and Capital section

#### Changes in Significant Components of Net Income

(in thousands)			Increase (decrease) in net income
For the nine months ended September 30	2019	2018	
Net interest income	\$ 361,579	\$ 353,749	\$ 7,830
Provision for loan losses	13,812	16,200	2,388
Patronage income	96,710	72,897	23,813
Other income, net	65,691	70,308	(4,617)
Operating expenses	205,803	196,087	(9,716)
Provision for income taxes	11,386	3,221	(8,165)
Net income	\$ 292,979	\$ 281,446	\$ 11,533

### Changes in Net Interest Income

(in thousands)

For the nine months ended September 30	2019 vs 2018
Changes in volume	\$ 20,763
Changes in interest rates	(9,343)
Changes in asset securitization	98
Changes in nonaccrual income and other	(3,688)
Net change	\$ 7,830

The change in the provision for loan losses was related to our estimates of losses in our portfolio as of September 30, 2019, and 2018. Decreases in calculated loan loss reserves on impaired loans, along with decreases in the general loan loss reserves calculated for the swine, industry specialist, and food/agribusiness sectors, have resulted in lower provision expenses during 2019.

### Patronage Income

(in thousands)

For the nine months ended September 30	2019	2018
Wholesale patronage:		
Cash	\$ 24,170	\$ 42,162
Stock	40,262	--
Pool program patronage	30,076	28,777
AgDirect partnership distribution	2,202	1,958
Total patronage income	\$ 96,710	\$ 72,897

The increase in patronage income was primarily due to an increase in wholesale patronage. In total, wholesale patronage increased primarily as a result of a higher patronage rate for the nine months ended September 30, 2019, compared to the same period of 2018. Wholesale patronage may be paid in cash or AgriBank stock. All pool program patronage and AgDirect partnership distributions are paid in cash. As discussed in our Annual Report, AgriBank will pay patronage in the form of allocated stock as necessary to meet all regulatory capital requirements, while optimizing capital throughout the District. The amount of stock and total patronage may vary from quarter-to-quarter as AgriBank updates its forecasts for the year, and the final amount of patronage will be determined at the end of the year.

The change in other income, net was primarily due to our share of the Allocated Insurance Reserve Accounts (AIRA) distribution received from the Farm Credit System Insurance Corporation (FCSIC) of \$4.5 million in 2019, compared to \$10.9 million in 2018. The AIRA was established by FCSIC when premiums collected increased the level of the Insurance Fund beyond the required 2% of insured debt. Refer to the 2018 Annual Report for additional information about the FCSIC. We originated rural home loans for resale in the secondary market. We sold loans in the secondary market totaling \$87.4 million through September 30, 2019, compared to \$89.0 million for the same period in 2018. The fee income from this activity totaled \$520 thousand for the nine months ended September 30, 2019, compared to \$444 thousand for the same period of 2018.

The change in operating expenses was primarily related to increases in salary expenses, equipment expenses, and professional consulting fees.

The increase in provision for income taxes was related to the increase in net income, a change made to the allocation of taxable and nontaxable income within the calculation of accrued income taxes, and a tax refund related to 2017 being received in 2018, and decreasing the 2018 income tax expense.

## FUNDING, LIQUIDITY, AND CAPITAL

We borrow from AgriBank, under a note payable, in the form of a line of credit. Our note payable matures on September 30, 2021, at which time the note will be renegotiated. 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. 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.

The components of cost of funds associated with our note payable 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

We were not subject to a risk premium at September 30, 2019, or December 31, 2018.

Total equity increased \$227.4 million from December 31, 2018, primarily due to net income for the period, partially offset by patronage distribution accruals and preferred stock dividend accruals. The change in accumulated other comprehensive income is the amortization impact of prior service cost and unamortized actuarial gain/loss related to the Pension Restoration Plan. Refer to Note 13 in our 2018 Annual Report for more information on the Pension Restoration Plan.

The Farm Credit Administration (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. Refer to Note 11 in our 2018 Annual Report for a more complete description of these ratios.

**Regulatory Capital Requirements and Ratios**

As of:	September 30 2019	December 31 2018	Regulatory Minimums	Capital Conservation Buffer	Total
Risk-adjusted:					
Common equity tier 1 ratio	14.9%	14.7%	4.5%	2.5%*	7.0%
Tier 1 capital ratio	15.4%	15.2%	6.0%	2.5%*	8.5%
Total capital ratio	15.9%	15.6%	8.0%	2.5%*	10.5%
Permanent capital ratio	15.9%	15.7%	7.0%	N/A	7.0%
Non-risk-adjusted:					
Tier 1 leverage ratio	15.3%	15.3%	4.0%	1.0%	5.0%
Unallocated retained earnings and equivalents leverage ratio	14.7%	14.2%	1.5%	N/A	1.5%

\*The 2.5% capital conservation buffer over risk-adjusted ratio minimums is being phased in over three years under the FCA capital requirements. The phase in period ends on December 31, 2019.

The capital adequacy ratios are directly impacted by the changes in capital as more fully explained in this section and the changes in assets as discussed in the Loans Held to Maturity section.

**CERTIFICATION**

The undersigned have reviewed the September 30, 2019, Quarterly Report of Compeer Financial, ACA, which has been prepared under the oversight of the Audit Committee and 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.



Mark W. Cade  
Chairperson of the Board  
Compeer Financial, ACA



Rodney W. Hebrink  
President and Chief Executive Officer  
Compeer Financial, ACA



Jase L. Wagner  
Chief Financial Officer  
Compeer Financial, ACA

November 8, 2019

# CONSOLIDATED STATEMENTS OF CONDITION

Compeer Financial, ACA

(in thousands)

(Unaudited)

As of:	September 30 2019	December 31 2018
<b>ASSETS</b>		
Loans held to maturity	\$ 19,082,804	\$ 18,753,659
Allowance for loan losses	72,095	59,928
Net loans held to maturity	19,010,709	18,693,731
Loans held for sale	30,294	18,496
Net loans	19,041,003	18,712,227
Unrestricted cash	2,300	2,300
Investment securities	1,199,274	995,140
Assets held for lease, net	51,421	46,974
Accrued interest receivable	222,441	171,220
Investment in AgriBank, FCB	612,908	567,596
Premises and equipment, net	74,451	70,697
Other property owned	138	167
Other assets	178,775	187,916
Total assets	\$ 21,382,711	\$ 20,754,237
<b>LIABILITIES</b>		
Note payable to AgriBank, FCB	\$ 17,252,038	\$ 16,739,126
Accrued interest payable	118,767	110,302
Deferred tax liabilities, net	7,012	4,839
Patronage distribution payable	59,719	151,710
Other liabilities	115,806	146,281
Total liabilities	17,553,342	17,152,258
Contingencies and commitments (Note 5)		
<b>EQUITY</b>		
Preferred stock	100,000	100,000
Capital stock and participation certificates	32,649	33,062
Additional paid-in capital	1,780,603	1,780,603
Allocated surplus	426,441	426,776
Unallocated surplus	1,499,710	1,272,556
Accumulated other comprehensive loss	(10,034)	(11,018)
Total equity	3,829,369	3,601,979
Total liabilities and equity	\$ 21,382,711	\$ 20,754,237

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

# CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

Compeer Financial, ACA

(in thousands)

(Unaudited)

For the period ended September 30	Three Months Ended		Nine Months Ended	
	2019	2018	2019	2018
<b>Interest income</b>	\$ 240,312	\$ 221,948	\$ 717,022	\$ 639,966
<b>Interest expense</b>	118,925	101,610	355,443	286,217
Net interest income	121,387	120,338	361,579	353,749
<b>Provision for loan losses</b>	180	7,077	13,812	16,200
Net interest income after provision for loan losses	121,207	113,261	347,767	337,549
<b>Other income</b>				
Patronage income	33,127	24,487	96,710	72,897
Net operating lease income	942	599	2,380	1,558
Financially related services income	9,389	8,931	32,386	31,400
Allocated Insurance Reserve Accounts distribution	--	--	4,468	10,938
Fee and miscellaneous income, net	5,443	8,755	26,457	26,412
Total other income	48,901	42,772	162,401	143,205
<b>Operating expenses</b>				
Salaries and employee benefits	45,082	44,134	134,796	130,564
Farm Credit System insurance	3,770	3,547	11,261	10,548
Other operating expenses	15,737	20,245	59,746	54,975
Total operating expenses	64,589	67,926	205,803	196,087
Income before income taxes	105,519	88,107	304,365	284,667
<b>Provision for (benefit from) income taxes</b>	7,273	(1,963)	11,386	3,221
Net income	\$ 98,246	\$ 90,070	\$ 292,979	\$ 281,446
<b>Other comprehensive income</b>				
Employee benefit plans activity	\$ 328	\$ 237	\$ 984	\$ 712
Total other comprehensive income	328	237	984	712
Comprehensive income	\$ 98,574	\$ 90,307	\$ 293,963	\$ 282,158

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

# CONSOLIDATED STATEMENTS OF CHANGES IN EQUITY

Compeer Financial, ACA

(in thousands)

(Unaudited)

	Preferred Stock	Capital Stock and Participation Certificates	Additional Paid-in Capital	Allocated Surplus	Unallocated Surplus	Accumulated Other Comprehensive (Loss) Income	Total Equity
Balance at December 31, 2017	\$ 100,000	\$ 34,213	\$ 1,780,603	\$ 523,252	\$ 980,818	\$ (7,249)	\$ 3,411,637
Net income	--	--	--	--	281,446	--	281,446
Other comprehensive income	--	--	--	--	--	712	712
Redemption of allocated patronage	--	--	--	(43,808)	41	--	(43,767)
Other distribution	--	--	--	--	--	--	--
Preferred stock dividend	--	--	--	--	(6,750)	--	(6,750)
Unallocated surplus designated for patronage distributions	--	--	--	--	(55,375)	--	(55,375)
Cumulative effect of change in accounting principle	--	--	--	--	--	--	--
Capital stock and participation certificates issued	--	1,796	--	--	--	--	1,796
Capital stock and participation certificates retired	--	(2,037)	--	--	--	--	(2,037)
<b>Balance at September 30, 2018</b>	<b>\$ 100,000</b>	<b>\$ 33,972</b>	<b>\$ 1,780,603</b>	<b>\$ 479,444</b>	<b>\$ 1,200,180</b>	<b>\$ (6,537)</b>	<b>\$ 3,587,662</b>
Balance at December 31, 2018	\$ 100,000	\$ 33,062	\$ 1,780,603	\$ 426,776	\$ 1,272,556	\$ (11,018)	\$ 3,601,979
Net income	--	--	--	--	292,979	--	292,979
Other comprehensive income	--	--	--	--	--	984	984
Redemption of allocated patronage	--	--	--	(335)	57	--	(278)
Other distribution and adjustments	--	--	--	--	440	--	440
Preferred stock dividend	--	--	--	--	(6,750)	--	(6,750)
Unallocated surplus designated for patronage distributions	--	--	--	--	(59,450)	--	(59,450)
Cumulative effect of change in accounting principle	--	--	--	--	(122)	--	(122)
Capital stock and participation certificates issued	--	1,945	--	--	--	--	1,945
Capital stock and participation certificates retired	--	(2,358)	--	--	--	--	(2,358)
<b>Balance at September 30, 2019</b>	<b>\$ 100,000</b>	<b>\$ 32,649</b>	<b>\$ 1,780,603</b>	<b>\$ 426,441</b>	<b>\$ 1,499,710</b>	<b>\$ (10,034)</b>	<b>\$ 3,829,369</b>

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



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## NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

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### NOTE 1: ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES

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The Consolidated Financial Statements contain all adjustments necessary for a fair presentation of the interim Consolidated Statements of Condition and Consolidated Statements of Comprehensive Income. Our accounting policies conform to accounting principles generally accepted in the United States of America (GAAP) and the prevailing practices within the financial services industry. This interim Quarterly Report is prepared based upon statutory and regulatory requirements and in accordance with GAAP. However, certain disclosures required by GAAP are omitted. The results of the nine months ended September 30, 2019, are not necessarily indicative of the results to be expected for the year ending December 31, 2019. The interim financial statements and the related notes in this Quarterly Report should be read in conjunction with the Consolidated Financial Statements and related notes included in our Annual Report for the year ended December 31, 2018 (2018 Annual Report).

Certain amounts in prior periods' financial statements have been reclassified to conform to the current period's presentation.

The Consolidated Financial Statements present the consolidated financial results of Compeer Financial, ACA (the Association) and its subsidiaries Compeer Financial, FLCA and Compeer Financial, PCA. All material intercompany transactions and balances have been eliminated in consolidation.

#### Significant Accounting Policies

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**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 balance sheet 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.

#### Recently Issued or Adopted Accounting Pronouncements

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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 on the public business entities effective date or aligned with other System institutions, whichever is earlier.

Standard and effective date	Description	Adoption status and financial statement impact
In February 2016, the FASB issued Accounting Standards Update (ASU) 2016-02 "Leases." In July 2018, the FASB issued ASU 2018-11 "Leases (Topic 842): Targeted Improvements." The guidance is effective for public business entities in its first quarter of 2019 and early adoption is permitted.	The guidance modifies the recognition and accounting for lessees and lessors and requires expanded disclosures regarding assumptions used to recognize revenue and expenses related to leases. Upon adoption, a liability for lease obligations and a corresponding right-of-use asset is recognized on the Consolidated Statements of Condition for all lease arrangements spanning more than 12 months. The guidance includes an optional transition method where an entity is permitted to apply the guidance as of the adoption date and recognize a cumulative-effect adjustment to the opening balance of retained earnings.	We adopted this guidance on January 1, 2019, using the transition guidance allowing for the application of the transition requirements on the effective date with the effects initially recognized as a cumulative effect adjustment to the opening balance of retained earnings. In addition, we elected the package of practical expedients permitted under the transition guidance, which among other things, allowed us to carry forward the historical lease classification. We also elected the hindsight practical expedient to determine the lease term for existing leases. The adoption of this guidance did not have a material impact on our financial condition, results of operations, and financial statement disclosures, and had no impact on cash flows. The adoption of this guidance resulted in recording of a cumulative effect adjustment to unallocated surplus of \$122 thousand.

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Standard and effective date	Description	Adoption status and financial statement impact
In June 2016, the FASB issued ASU 2016-13 "Financial Instruments – Credit Losses." This guidance is effective for public business entities for non-U.S. Securities Exchange Commission filers for the first quarter of 2021 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. Credit losses relating to available-for-sale securities would also be recorded through an allowance for credit losses.	On October 16, 2019, the FASB voted to defer effective dates for various standards for certain entities, which includes ASU 2016-13. We have determined we qualify for the delay in the required adoption date for this standard. We are evaluating the deferral and have not yet determined if we will early adopt the standard.  We have reviewed the accounting standard, selected and substantially completed development of our system, and are in the process of drafting disclosures. Significant implementation matters yet to be addressed include system testing, drafting of accounting policies, and designing processes and controls. We are currently unable to estimate the impact on the financial statements.

## NOTE 2: LOANS HELD TO MATURITY AND ALLOWANCE FOR LOAN LOSSES

### Loans by Type

(dollars in thousands)

As of:	September 30, 2019		December 31, 2018	
	Amount	%	Amount	%
Real estate mortgage	\$ 9,582,015	50.2%	\$ 9,199,249	49.1%
Production and intermediate-term	3,617,962	19.0%	3,984,347	21.2%
Agribusiness	3,803,285	19.9%	3,632,104	19.4%
Other	2,079,542	10.9%	1,937,959	10.3%
Total	\$ 19,082,804	100.0%	\$ 18,753,659	100.0%

The other category is primarily composed of rural infrastructure, agricultural export finance, and rural residential real estate related loans as well as finance and conditional sales leases and bonds originated under our mission related investment authority.

### Credit Quality

We utilize the Farm Credit Administration (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 September 30, 2019, or December 31, 2018.

### Credit Quality of Loans

(dollars in thousands) As of September 30, 2019	Acceptable		Special Mention		Substandard/ Doubtful		Total	
	Amount	%	Amount	%	Amount	%	Amount	%
Real estate mortgage	\$ 8,933,466	92.1%	\$ 410,019	4.2%	\$ 360,037	3.7%	\$ 9,703,522	100.0%
Production and intermediate-term	3,196,119	86.9%	268,022	7.3%	214,788	5.8%	3,678,929	100.0%
Agribusiness	3,674,535	96.2%	98,319	2.6%	46,804	1.2%	3,819,658	100.0%
Other	2,005,154	96.1%	12,873	0.6%	68,511	3.3%	2,086,538	100.0%
Total	\$ 17,809,274	92.3%	\$ 789,233	4.1%	\$ 690,140	3.6%	\$ 19,288,647	100.0%

As of December 31, 2018	Acceptable		Special Mention		Substandard/ Doubtful		Total	
	Amount	%	Amount	%	Amount	%	Amount	%
Real estate mortgage	\$ 8,648,844	93.2%	\$ 332,990	3.6%	\$ 300,429	3.2%	\$ 9,282,263	100.0%
Production and intermediate-term	3,665,198	90.8%	196,454	4.9%	172,787	4.3%	4,034,439	100.0%
Agribusiness	3,534,012	97.0%	38,292	1.0%	74,655	2.0%	3,646,959	100.0%
Other	1,896,884	97.6%	28,982	1.5%	18,187	0.9%	1,944,053	100.0%
Total	<u>\$ 17,744,938</u>	93.8%	<u>\$ 596,718</u>	3.2%	<u>\$ 566,058</u>	3.0%	<u>\$ 18,907,714</u>	100.0%

Note: Accruing loans include accrued interest receivable.

## Delinquency

### Aging Analysis of Loans

(in thousands)	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	Accruing Loans 90 Days or More Past Due
<b>As of September 30, 2019</b>						
Real estate mortgage	\$ 33,687	\$ 45,664	\$ 79,351	\$ 9,624,171	\$ 9,703,522	\$ 2,687
Production and intermediate-term	20,494	29,251	49,745	3,629,184	3,678,929	786
Agribusiness	6,102	1,009	7,111	3,812,547	3,819,658	--
Other	9,624	3,650	13,274	2,073,264	2,086,538	2,283
Total	<u>\$ 69,907</u>	<u>\$ 79,574</u>	<u>\$ 149,481</u>	<u>\$ 19,139,166</u>	<u>\$ 19,288,647</u>	<u>\$ 5,756</u>

As of December 31, 2018	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	Accruing Loans 90 Days or More Past Due
Real estate mortgage	\$ 38,799	\$ 37,346	\$ 76,145	\$ 9,206,118	\$ 9,282,263	\$ 194
Production and intermediate-term	28,911	28,440	57,351	3,977,088	4,034,439	646
Agribusiness	202	901	1,103	3,645,856	3,646,959	--
Other	7,560	7,933	15,493	1,928,560	1,944,053	6,587
Total	<u>\$ 75,472</u>	<u>\$ 74,620</u>	<u>\$ 150,092</u>	<u>\$ 18,757,622</u>	<u>\$ 18,907,714</u>	<u>\$ 7,427</u>

Note: Accruing loans include accrued interest receivable.

## 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.

### Risk Loan Information

(in thousands)	September 30	December 31
As of:	2019	2018
Volume with specific allowance	\$ 46,336	\$ 37,103
Volume without specific allowance	120,694	96,496
Total risk loans	<u>\$ 167,030</u>	<u>\$ 133,599</u>
Total specific allowance	<u>\$ 21,716</u>	<u>\$ 14,031</u>
For the nine months ended September 30	2019	2018
Income on accrual risk loans	\$ 735	\$ 860
Income on nonaccrual loans	2,537	6,523
Total income on risk loans	<u>\$ 3,272</u>	<u>\$ 7,383</u>
Average risk loans	<u>\$ 158,219</u>	<u>\$ 130,409</u>

Note: Accruing loans include accrued interest receivable.

We did not have any material commitments to lend additional money to borrowers whose loans were classified as risk loans at September 30, 2019.

## Troubled Debt Restructurings (TDRs)

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, also known as a restructured loan. 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. All risk loans are analyzed within our allowance for loan losses. We record a specific allowance to reduce the carrying amount of the restructured loan to the lower of book value or net realizable value of collateral.

#### TDR Activity

(in thousands)

Nine months ended September 30

	2019		2018	
	Pre-modification	Post-modification	Pre-modification	Post-modification
Real estate mortgage	\$ 293	\$ 293	\$ 309	\$ 309
Production and intermediate-term	--	--	1,618	1,617
Agribusiness	--	--	6,857	6,857
Total	\$ 293	\$ 293	\$ 8,784	\$ 8,783

Pre-modification represents the outstanding recorded investment of the loan just prior to restructuring and post-modification represents the outstanding recorded investment of the loan immediately following the restructuring. The recorded investment in the loan is the unpaid principal amount of the receivable increased or decreased by applicable accrued interest and unamortized premium, discount, finance charges, acquisition costs, and unamortized adjustments to fair value on loans acquired through the merger and may also reflect a previous direct charge-off of the investment.

The primary types of modification included deferral of principal and reduction of interest rate below market.

#### TDRs that Occurred Within the Previous 12 Months that Subsequently Defaulted During the Nine Months Ended September 30

(in thousands)	2019	2018
Production and intermediate-term	\$ --	\$ 20
Agribusiness	--	4,242
Total	\$ --	\$ 4,262

#### TDRs Outstanding

(in thousands)	September 30	December 31
As of:	2019	2018
Accrual status:		
Real estate mortgage	\$ 6,498	\$ 10,337
Production and intermediate-term	710	941
Agribusiness	--	--
Other	--	--
Total TDRs in accrual status	\$ 7,208	\$ 11,278
Nonaccrual status:		
Real estate mortgage	\$ 824	\$ 1,114
Production and intermediate-term	448	525
Agribusiness	3,605	4,547
Other	64	64
Total TDRs in nonaccrual status	\$ 4,941	\$ 6,250
Total TDRs:		
Real estate mortgage	\$ 7,322	\$ 11,451
Production and intermediate-term	1,158	1,466
Agribusiness	3,605	4,547
Other	64	64
Total TDRs	\$ 12,149	\$ 17,528

The decline in the outstanding TDRs from December 31, 2018, is primarily due to a payoff of a large real estate loan. Additional commitments to lend to borrowers whose loans have been modified in a TDR were \$533 thousand at September 30, 2019.

## Allowance for Loan Losses

### Changes in Allowance for Loan Losses

(in thousands)		
Nine months ended September 30	2019	2018
Balance at beginning of period	\$ 59,928	\$ 48,849
Provision for loan losses	13,812	16,200
Loan recoveries	604	1,092
Loan charge-offs	(2,249)	(3,944)
Balance at end of period	<u>\$ 72,095</u>	<u>\$ 62,197</u>

### NOTE 3: INVESTMENT SECURITIES

We had held-to-maturity investment securities of \$1.2 billion at September 30, 2019, and \$995.1 million at December 31, 2018. Our investment securities consisted of:

- Mortgage-backed securities (MBS) issued by the Federal Agricultural Mortgage Corporation (Farmer Mac) or guaranteed by the Small Business Administration (SBA) or by the United States Department of Agriculture (USDA)
- Asset-backed securities (ABS) guaranteed by SBA or USDA
- Municipal revenue bonds and corporate debt security (Bonds)

The investment securities have been classified as held-to-maturity. MBS are generally longer-term investments and ABS are generally shorter-term investments. Farmer Mac guaranteed investments are typically MBS while SBA and USDA guaranteed investments may be composed of either MBS or ABS. All our held-to-maturity investments, except \$9.2 million as of September 30, 2019, and \$5.5 million as of December 31, 2018, were fully guaranteed by Farmer Mac, SBA, or USDA.

#### Additional Held-to-Maturity Investment Securities Information

(dollars in thousands)	Amortized	Unrealized	Unrealized	Fair	Weighted
As of September 30, 2019	Cost	Gains	Losses	Value	Average
MBS and bonds	\$ 962,963	\$ 23,396	\$ (2,934)	\$ 983,425	4.4%
ABS	236,311	638	(3,235)	233,714	3.2%
Total	<u>\$ 1,199,274</u>	<u>\$ 24,034</u>	<u>\$ (6,169)</u>	<u>\$ 1,217,139</u>	4.2%

  

(dollars in thousands)	Amortized	Unrealized	Unrealized	Fair	Weighted
As of December 31, 2018	Cost	Gains	Losses	Value	Average
MBS and bonds	\$ 936,645	\$ 3,749	\$ (15,803)	\$ 924,591	4.2%
ABS	58,495	166	(1,414)	57,247	4.2%
Total	<u>\$ 995,140</u>	<u>\$ 3,915</u>	<u>\$ (17,217)</u>	<u>\$ 981,838</u>	4.2%

Investment income is recorded in "Interest income" in the Consolidated Statements of Comprehensive Income and totaled \$32.9 million and \$26.3 million for the nine months ended September 30, 2019, and 2018, respectively.

#### Contractual Maturities of Held-to-Maturity Investment Securities

(in thousands)	
As of September 30, 2019	Amortized Cost
Less than one year	\$ 1,079
One to five years	22,163
Five to ten years	141,307
More than ten years	1,034,725
Total	<u>\$ 1,199,274</u>

A summary of investments in an unrealized loss position presented by the length of time the investments have been in continuous unrealized loss position follows:

(in thousands)	Less than 12 months		Greater than 12 months	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
<b>As of September 30, 2019</b>				
MBS and bonds	\$ 1,696	\$ (40)	\$ 38,855	\$ (2,894)
ABS	123,451	(1,978)	21,678	(1,257)
Total	\$ 125,147	\$ (2,018)	\$ 60,533	\$ (4,151)
<b>As of December 31, 2018</b>				
MBS and bonds	\$ 57,337	\$ (551)	\$ 619,610	\$ (15,252)
ABS	14,527	(458)	27,460	(956)
Total	\$ 71,864	\$ (1,009)	\$ 647,070	\$ (16,208)

Unrealized losses greater than 12 months associated with held-to-maturity investment securities are not considered to be other-than-temporary due to the 100% guarantee of the principal by Farmer Mac, SBA, or USDA. However, the premiums paid to purchase the investment are not guaranteed and are amortized as a reduction of interest income. Repayment of principal is assessed at least quarterly, and any remaining unamortized premium is taken as a reduction to interest income if principal repayment is unlikely, or when a demand for payment is made for the guarantee.

We had no outstanding available-for-sale investment securities at September 30, 2019, or December 31, 2018.

**Additional Available-for-Sale Investment Securities Information**

Nine months ended September 30	2019	2018
Proceeds from sales	\$ 41,004	\$ 57,600
Realized losses on sales, net	(519)	(455)

The investment portfolio is evaluated for other-than-temporary impairment. No investments within the portfolio were impaired as of September 30, 2019, or December 31, 2018.

**NOTE 4: OTHER INVESTMENTS**

We held non-controlling investments in junior capital funds in "Other assets" in the Consolidated Statements of Condition of \$2.5 million at September 30, 2019. These investments represent our stake in junior capital funds focused on the needs of rural start-up companies. We had no remaining commitment at September 30, 2019, or December 31, 2018. To date, no income has been distributed from the funds. We received no distributions from the funds during the nine months ended September 30, 2019, and 2018. These investments were evaluated for impairment. For the nine months ended September 30, 2019, and 2018 we did not recognize any impairment on these investments.

We and other Farm Credit Institutions are among the limited partners for Rural Business Investment Companies (RBICs). Our total commitment is \$39.5 million with varying commitment end dates through November 2023. Certain commitments may have an option to extend under certain circumstances. Our investment in the RBICs are recorded in "Other assets" in the Consolidated Statements of Condition, and totaled \$17.6 million at September 30, 2019, and \$13.4 million at December 31, 2018. The investments were evaluated for impairment. No investments were impaired at September 30, 2019, or December 31, 2018.

**NOTE 5: CONTINGENCIES AND COMMITMENTS**

In the normal course of business, we have various contingent liabilities and commitments outstanding, primarily commitments to extend credit, 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.

**NOTE 6: 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 in our 2018 Annual Report for a more complete description of the three input levels.

## Recurring

The following represents a summary of the assets, valuation techniques, and inputs used to measure fair value on a recurring basis:

**Loans held for sale:** The loans held for sale portfolio is held at fair value. Fair value is based on quoted market prices, where available, or the prices for other similar mortgage loans with similar characteristics. As necessary, these prices are adjusted for typical securitization activities, including servicing value, portfolio composition, market conditions, and liquidity. We had loans held for sale of \$30.3 million and \$18.5 million as of September 30, 2019, and December 31, 2018, respectively, which were valued using Level 3 inputs. Total fair value gains related to these loans were \$261 thousand for the nine months ended September 30, 2019, compared to a loss of \$20 thousand for the nine months ended September 30, 2018, which were recognized in "Fee and miscellaneous income, net" in the Consolidated Statements of Comprehensive Income.

**Investment securities available-for-sale:** Investment securities available-for-sale are held at fair value. Fair value is based on quoted market prices, where available, or the prices for other similar securities with similar characteristics. As necessary, these prices are adjusted for typical securitization activities, including servicing value, portfolio composition, market conditions, and liquidity. We had no outstanding available-for-sale investment securities at September 30, 2019, or December 31, 2018. During the nine months ended September 30, 2019, and 2018 we sold available-for-sale investment securities with total sales proceeds of \$41.0 million and \$57.6 million, resulting in a loss of \$519 thousand and \$455 thousand, respectively, which was recognized in "Fee and miscellaneous income, net" in the Consolidated Statements of Comprehensive Income.

**Derivatives:** If an active market exists, the fair value of our derivative financial instruments called TBAs is based on currently quoted market prices. We had TBAs with a notional value of \$66.5 million and \$28.0 million as of September 30, 2019, and December 31, 2018, respectively, which were used to manage exposure to interest rate risk and changes in the fair value of loans held for sale and the interest rate lock commitments that are determined prior to funding. We also used these instruments to hedge the changes in fair value related to investment securities available-for-sale. These derivatives were recorded on a net basis using Level 1 fair value inputs. Net losses related to TBAs sold, combined with fair value gains on the TBAs, resulted in a net loss in of \$894 thousand for the nine months ended September 30, 2019, compared to a net gain of \$866 thousand for the same period of 2018. These were included in "Fee and miscellaneous income, net" in the Consolidated Statements of Comprehensive Income.

## Non-Recurring

We may also be required, from time to time, to measure certain assets at fair value on a non-recurring basis. The following represents a summary of the assets, valuation techniques, and inputs used to measure fair value on a non-recurring basis:

**Impaired loans:** Represents the carrying amount and related write-downs 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.

**Other property owned:** Represents the fair value and related losses of foreclosed assets that were measured at fair value based on the collateral value, which is generally determined using appraisals, or other indications based on sales of similar properties. 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 property and other matters, they are classified as Level 3.

### Assets Measured at Fair Value on a Non-recurring Basis

(in thousands)

	As of September 30, 2019				Total Fair Value
	Fair Value Measurement Using			Total Fair Value	
	Level 1	Level 2	Level 3		
Impaired loans	\$ --	\$ --	\$ 25,851	\$ 25,851	
Other property owned	--	--	53	53	

  

	As of December 31, 2018				Total Fair Value
	Fair Value Measurement Using			Total Fair Value	
	Level 1	Level 2	Level 3		
Impaired loans	\$ --	\$ --	\$ 24,226	\$ 24,226	
Other property owned	--	--	210	210	

## NOTE 7: SUBSEQUENT EVENTS

We have evaluated subsequent events through November 8, 2019, 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 Quarterly Report or disclosure in the Notes to Consolidated Financial Statements.