



## AgHeritage Farm Credit Services, ACA

Quarterly Report  
September 30, 2018

### MANAGEMENT'S DISCUSSION AND ANALYSIS

The following commentary reviews the consolidated financial condition and consolidated results of operations of AgHeritage Farm Credit Services, ACA and its subsidiaries AgHeritage Farm Credit Services, FLCA and AgHeritage Farm Credit Services, 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, 2017 (2017 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 members' investment. To request free copies of the AgriBank or the AgriBank District financial reports or additional copies of our report, contact us at:

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### FORWARD-LOOKING INFORMATION

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 2017 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.

### AGRICULTURAL AND ECONOMIC CONDITIONS

For the 2017 crop we generally experienced good quality crops with above average yields. We also experienced favorable weather conditions that led to lower input costs for the 2017 crop. Due to these favorable conditions, we observed that a large majority of our row crop borrowers experienced positive cash flows for the 2017 crop. Most of the 2018 crops in our area have been harvested. According to USDA data, we are generally expecting average to slightly below average yields for most crops in our area. We are also experiencing some quality issues in the soybean crop due to wet and warm weather conditions. Commodity prices have been weak due to large supplies and weakness in export markets. If current conditions persist we expect to experience a modest decline in credit quality in the short term. Land values in our area are stable.

### LOAN PORTFOLIO

#### Loan Portfolio

Total loans were \$1.4 billion at September 30, 2018, an increase of \$207.9 million from December 31, 2017. The increase was primarily due to seasonal use of operating loans within our production and intermediate-term loan portfolio. To a lesser extent, there was also growth in the real estate mortgage and agribusiness sectors of our portfolio.

#### Portfolio Credit Quality

The credit quality of our portfolio improved from December 31, 2017. Adversely classified loans decreased to 3.7% of the portfolio at September 30, 2018, from 4.1% of the portfolio at December 31, 2017. 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, government guarantee programs are used to reduce the risk of loss. At September 30, 2018, \$23.9 million 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:	2018	2017
Loans:		
Nonaccrual	\$ 10,976	\$ 7,156
Accruing restructured	--	--
Accruing loans 90 days or more past due	343	--
Total risk loans	11,319	7,156
Other property owned	--	--
Total risk assets	\$ 11,319	\$ 7,156
Total risk loans as a percentage of total loans	0.8%	0.6%
Nonaccrual loans as a percentage of total loans	0.8%	0.6%
Current nonaccrual loans as a percentage of total nonaccrual loans	72.5%	62.1%
Total delinquencies as a percentage of total loans	0.4%	0.7%

Note: Accruing loans include accrued interest receivable.

Our risk assets have increased from December 31, 2017, 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 several real estate mortgage and production and intermediate-term loans that were transferred to nonaccrual during the nine months ended September 30, 2018. Nonaccrual loans remained at an acceptable level at September 30, 2018, and December 31, 2017.

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 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

As of:	September 30	December 31
	2018	2017
Allowance as a percentage of:		
Loans	0.3%	0.4%
Nonaccrual loans	39.9%	61.5%
Total risk loans	38.7%	61.5%

In our opinion, the allowance for loan losses was reasonable in relation to the risk in our loan portfolio at September 30, 2018.

## RESULTS OF OPERATIONS

### Profitability Information

(dollars in thousands)		
For the nine months ended September 30	2018	2017
Net income	\$ 19,058	\$ 17,843
Return on average assets	2.0%	2.0%
Return on average members' equity	8.9%	9.0%

Changes in the chart above relate directly to:

- Changes in income discussed below
- Changes in assets discussed in the Loan Portfolio 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	2018	2017	
Net interest income	\$ 27,300	\$ 25,871	\$ 1,429
Provision for credit losses	--	1,709	1,709
Patronage income	3,247	3,630	(383)
Other income, net	304	1,536	(1,232)
Operating expenses	11,471	10,410	(1,061)
Provision for income taxes	322	1,075	753
Net income	<u>\$ 19,058</u>	<u>\$ 17,843</u>	<u>\$ 1,215</u>

### Changes in Net Interest Income

(in thousands)		
For the nine months ended September 30	2018 vs 2017	
Changes in volume	\$	1,867
Changes in interest rates		(778)
Changes in nonaccrual income and other		340
Net change	<u>\$</u>	<u>1,429</u>

The change in the provision for credit losses was related to our estimate of the allowance for credit losses as of September 30, 2018. No additional allowance for loan losses was deemed necessary during the nine months ended September 30, 2018; and therefore no provision for credit losses has been recognized.

The decrease in other income was primarily due to a contingency loss recognized during the nine months ended September 30, 2018, related to the settlement of an ongoing lawsuit in which the Association is a defendant. Refer to Note 4 for additional discussion. The decrease was partially offset by our share of the Allocated Insurance Reserve Accounts (AIRA) distribution received from the Farm Credit System Insurance Corporation (FCSIC) of \$686 thousand. The AIRA was established by FCSIC when premiums collected increased the level of the Insurance Fund beyond the required 2 percent of insured debt. There was no distribution in 2017. Refer to the 2017 Annual Report for additional information about the FCSIC.

The change in operating expenses was primarily related to an increase in salaries and benefits expense. The increase was partially offset by FCSIC expense, which decreased in 2018 primarily due to a lower premium rate charged by FCSIC on accrual loans from 15 basis points in 2017 to 9 basis points in 2018. The FCSIC Board meets periodically throughout the year to review premium rates and has the ability to change these rates at any time.

The change in provision for income taxes was primarily related to our estimate of taxes based on taxable income and the reduced Federal statutory tax rates as a result of the Tax Cuts and Jobs Act enacted in December 2017. Refer to Note 8 in our 2017 Annual Report for additional discussion.

## 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 May 31, 2020, at which time the note will be renegotiated. The note payable will be renegotiated no later than the maturity date. 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 unallocated surplus.

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, 2018, or December 31, 2017.

Total members' equity increased \$16.3 million from December 31, 2017, primarily due to net income for the period partially offset by patronage distribution accruals. Accumulated other comprehensive loss is the impact of prior service cost and unamortized actuarial gain/loss related to the Pension Restoration Plan. Refer to Note 9 in our 2017 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. Refer to Note 7 in our 2017 Annual Report for a more complete description of these ratios.

**Regulatory Capital Requirements and Ratios**

As of:	September 30 2018	December 31 2017	Regulatory Minimums	Capital Conservation Buffer	Total
Risk-adjusted:					
Common equity tier 1 ratio	18.2%	19.1%	4.5%	2.5%*	7.0%
Tier 1 capital ratio	18.2%	19.1%	6.0%	2.5%*	8.5%
Total capital ratio	18.5%	19.4%	8.0%	2.5%*	10.5%
Permanent capital ratio	18.3%	19.2%	7.0%	N/A	7.0%
Non-risk-adjusted:					
Tier 1 leverage ratio	19.5%	20.8%	4.0%	1.0%	5.0%
Unallocated retained earnings and equivalents leverage ratio	20.0%	21.4%	1.5%	N/A	1.5%

\*The 2.5% capital conservation buffer over risk-adjusted ratio minimums is being phased in through 2020 under the FCA capital requirements.

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 Loan Portfolio section.

**REGULATORY MATTERS**

**Investment Securities Eligibility**

In May 2018, the FCA Board approved a final rule to revise the requirements governing the eligibility of investment securities for System Banks and associations. The new regulation revises the eligibility purpose, type and amount of investments that a System association may hold. The regulation is effective January 1, 2019. We are currently working to update policies, procedures and other documentation to ensure compliance by the effective date. We do not expect the regulation to have a material impact on our financial statements.

**CERTIFICATION**

The undersigned have reviewed the September 30, 2018, Quarterly Report of AgHeritage Farm Credit Services, 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.



Dwain Morris  
Chairperson of the Board  
AgHeritage Farm Credit Services, ACA



Gregory W. Cole  
President and Chief Executive Officer  
AgHeritage Farm Credit Services, ACA



Kenneth L. Sumner  
Senior Vice President and Chief Financial Officer  
AgHeritage Farm Credit Services, ACA

November 9, 2018

# CONSOLIDATED STATEMENTS OF CONDITION

AgHeritage Farm Credit Services, ACA

(in thousands)

(Unaudited)

As of:	September 30 2018	December 31 2017
<b>ASSETS</b>		
Loans	\$ 1,374,108	\$ 1,166,229
Allowance for loan losses	4,383	4,404
Net loans	1,369,725	1,161,825
Investment in AgriBank, FCB	27,134	25,269
Investment securities	2,091	3,643
Accrued interest receivable	24,076	20,814
Deferred tax assets, net	259	228
Other assets	7,976	7,526
Total assets	\$ 1,431,261	\$ 1,219,305
<b>LIABILITIES</b>		
Note payable to AgriBank, FCB	\$ 1,125,602	\$ 929,140
Accrued interest payable	7,207	5,232
Patronage distribution payable	2,850	3,700
Other liabilities	2,901	4,848
Total liabilities	1,138,560	942,920
Contingencies and commitments (Note 4)		
<b>MEMBERS' EQUITY</b>		
Protected members' equity	1	1
Capital stock and participation certificates	2,819	2,759
Unallocated surplus	290,403	274,207
Accumulated other comprehensive loss	(522)	(582)
Total members' equity	292,701	276,385
Total liabilities and members' equity	\$ 1,431,261	\$ 1,219,305

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

# CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

AgHeritage Farm Credit Services, ACA

(in thousands)

(Unaudited)

For the period ended September 30	Three Months Ended		Nine Months Ended	
	2018	2017	2018	2017
<b>Interest income</b>	\$ 17,251	\$ 14,859	\$ 46,221	\$ 40,483
<b>Interest expense</b>	7,207	5,391	18,921	14,612
Net interest income	10,044	9,468	27,300	25,871
<b>Provision for credit losses</b>	--	883	--	1,709
Net interest income after provision for credit losses	10,044	8,585	27,300	24,162
<b>Other income</b>				
Patronage income	1,116	1,627	3,247	3,630
Financially related services income	110	84	184	149
Fee income	294	266	1,386	1,319
Allocated Insurance Reserve Accounts distribution	--	--	686	--
Miscellaneous income (loss), net	7	5	(1,952)	68
Total other income	1,527	1,982	3,551	5,166
<b>Operating expenses</b>				
Salaries and employee benefits	2,151	2,060	6,705	6,050
Other operating expenses	1,600	1,411	4,766	4,360
Total operating expenses	3,751	3,471	11,471	10,410
Income before income taxes	7,820	7,096	19,380	18,918
<b>Provision for income taxes</b>	373	130	322	1,075
Net income	\$ 7,447	\$ 6,966	\$ 19,058	\$ 17,843
<b>Other comprehensive income</b>				
Employee benefit plans activity	\$ 20	\$ --	\$ 60	\$ --
Total other comprehensive income	20	--	60	--
Comprehensive income	\$ 7,467	\$ 6,966	\$ 19,118	\$ 17,843

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

## CONSOLIDATED STATEMENTS OF CHANGES IN MEMBERS' EQUITY

AgHeritage Farm Credit Services, ACA

(in thousands)

(Unaudited)

	Protected Members' Equity	Capital Stock and Participation Certificates	Unallocated Surplus	Accumulated Other Comprehensive Loss	Total Members' Equity
Balance at December 31, 2016	\$ 1	\$ 2,875	\$ 253,025	\$ --	\$ 255,901
Net income	--	--	17,843	--	17,843
Unallocated surplus designated for patronage distributions	--	--	(2,759)	--	(2,759)
Capital stock and participation certificates issued	--	181	--	--	181
Capital stock and participation certificates retired	--	(323)	--	--	(323)
<b>Balance at September 30, 2017</b>	<b>\$ 1</b>	<b>\$ 2,733</b>	<b>\$ 268,109</b>	<b>\$ --</b>	<b>\$ 270,843</b>
Balance at December 31, 2017	\$ 1	\$ 2,759	\$ 274,207	\$ (582)	\$ 276,385
Net income	--	--	19,058	--	19,058
Other comprehensive income	--	--	--	60	60
Unallocated surplus designated for patronage distributions	--	--	(2,862)	--	(2,862)
Capital stock and participation certificates issued	--	194	--	--	194
Capital stock and participation certificates retired	--	(134)	--	--	(134)
<b>Balance at September 30, 2018</b>	<b>\$ 1</b>	<b>\$ 2,819</b>	<b>\$ 290,403</b>	<b>\$ (522)</b>	<b>\$ 292,701</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

The Consolidated Financial Statements contain all adjustments necessary for a fair presentation of the interim consolidated financial condition and consolidated results of operations. 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, 2018, are not necessarily indicative of the results to be expected for the year ending December 31, 2018. 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, 2017 (2017 Annual Report).

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

#### 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, we generally adopt on the public entity required date to align with other Farm Credit System institutions. For recently issued and adopted accounting pronouncements disclosed, we plan to adopt on the public entity effective date.

Standard and effective date	Description	Adoption status and financial statement impact
In May 2014, the FASB issued Accounting Standards Update (ASU) 2014-09 "Revenue from Contracts with Customers." This guidance was effective for public entities on January 1, 2018.	The guidance governs revenue recognition from contracts with customers and requires an entity to recognize revenue to depict the transfer of promised goods or services to customers in an amount that reflects the consideration to which the entity expects to be entitled in exchange for those goods or services. Financial instruments and other contractual rights within the scope of other guidance issued by the FASB are excluded from the scope of this guidance. The guidance sets forth the requirement for new and enhanced disclosures.	We adopted this guidance on January 1, 2018, using the modified retrospective approach. The majority of our revenues are not subject to the new guidance, the adoption of the guidance did not have a material impact on the financial condition, results of operations, or cash flows.
In March 2017, the FASB issued ASU 2017-07 "Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Cost." This guidance was effective for public entities on January 1, 2018.	This guidance requires that an employer disaggregate the service cost component from the other components of net benefit cost. Specifically, the guidance requires non-service cost components of net benefit cost to be recognized in a non-operating income line item of the income statement and allow only the service cost component of net benefit cost to be eligible for capitalization.	The adoption of the guidance did not impact our financial condition or cash flows, but did result in an immaterial change to the classification of certain items in the results of operations. The components of net periodic benefit cost other than the service cost component are included in the other operating expenses line item on the Statements of Comprehensive Income. As the change in classification was immaterial, there were no retroactive adjustments to the Statements of Comprehensive Income. There were no material changes to the financial statement disclosures.
In January 2016, the FASB issued ASU 2016-01 "Recognition and Measurement of Financial Assets and Financial Liabilities." This guidance was effective for public business entities on January 1, 2018.	The guidance is intended to enhance the reporting model for financial instruments to provide users of financial statements with more decision-useful information. The amendments address certain aspects of recognition, measurement, presentation and disclosure of financial statements.	We adopted this guidance on January 1, 2018. The adoption of this guidance did not impact our financial condition, results of operations or cash flows, but did impact our fair value disclosures.



Standard and effective date	Description	Adoption status and financial statement impact
In February 2016, the FASB issued ASU 2016-02 "Leases." In July 2018, the FASB issued ASU 2018-11 "Leases (Topic 842): Targeted Improvements." The guidance is effective for public 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. When this guidance is adopted, a liability for lease obligations and a corresponding right-of-use asset will be 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 have no plans to early adopt this guidance. We are in the process of system selection, drafting accounting policies and designing processes and controls to implement this standard. The necessary disclosures will be determined during 2018. We have determined after preliminary review that this guidance will not have a material impact on our financial condition, results of operations and financial statement disclosures and will have no impact on cash flows.
In August 2018, the FASB issued ASU 2018-15 "Customer's Accounting for Implementation Costs Incurred in a Cloud Computing Arrangement that is a Service Contract." The guidance is effective for our first quarter of 2020 and early adoption is permitted.	The guidance clarifies that implementation costs incurred in a hosting arrangement that is a service contract should be accounted for in the same manner as implementation costs incurred to develop or obtain internal-use software.	We are in the process of reviewing the accounting standard. Based on our preliminary review and analysis, this new guidance will not have 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." 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 determine credit loss estimates. Credit losses relating to available-for-sale securities would also be recorded through an allowance for credit losses.	We have no plans to early adopt this guidance. We are in the process of reviewing the standard. Significant implementation matters yet to be addressed include system selection, drafting of accounting policies and disclosures and designing processes and controls. We are currently unable to estimate the impact on the financial statements.

## NOTE 2: LOANS AND ALLOWANCE FOR LOAN LOSSES

### Loans by Type

(dollars in thousands)

As of:	September 30, 2018		December 31, 2017	
	Amount	%	Amount	%
Real estate mortgage	\$ 654,088	47.6%	\$ 599,124	51.4%
Production and intermediate-term	523,466	38.1%	379,154	32.5%
Agribusiness	120,660	8.8%	115,597	9.9%
Other	75,894	5.5%	72,354	6.2%
Total	\$ 1,374,108	100.0%	\$ 1,166,229	100.0%

The other category is primarily comprised of rural residential real estate, energy and communication loans as well as loans originated under the mission related investment authority.

### Delinquency

#### Aging Analysis of Loans

(in thousands) As of September 30, 2018	September 30, 2018			December 31, 2017		Accruing Loans 90 Days or More Past Due
	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	\$ 1,973	\$ 541	\$ 2,514	\$ 664,025	\$ 666,539	\$ --
Production and intermediate-term	484	1,547	2,031	532,257	534,288	--
Agribusiness	--	--	--	121,077	121,077	--
Other	913	505	1,418	74,745	76,163	343
Total	\$ 3,370	\$ 2,593	\$ 5,963	\$ 1,392,104	\$ 1,398,067	\$ 343

As of December 31, 2017	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	\$ 3,835	\$ 599	\$ 4,434	\$ 605,441	\$ 609,875	\$ --
Production and intermediate-term	750	1,170	1,920	386,303	388,223	--
Agribusiness	--	--	--	116,183	116,183	--
Other	1,477	73	1,550	71,036	72,586	--
Total	\$ 6,062	\$ 1,842	\$ 7,904	\$ 1,178,963	\$ 1,186,867	\$ --

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:	2018	2017
Volume with specific allowance	\$ 629	\$ 159
Volume without specific allowance	10,690	6,997
Total risk loans	\$ 11,319	\$ 7,156
Total specific allowance	\$ 79	\$ 110
For the nine months ended September 30	2018	2017
Income on accrual risk loans	\$ 2	\$ --
Income on nonaccrual loans	663	323
Total income on risk loans	\$ 665	\$ 323
Average risk loans	\$ 6,690	\$ 8,228

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, 2018.

## 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	2018		2017	
	Pre-modification	Post-modification	Pre-modification	Post-modification
Production and intermediate-term	\$ --	--	\$ 109	109
Other	283	279	--	--
Total	\$ 283	\$ 279	\$ 109	\$ 109

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 of the loan 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.

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

There were no TDRs that defaulted during the nine months ended September 30, 2018, or 2017, in which the modification was within twelve months of the respective reporting period.

**TDRs Outstanding**

(in thousands)	September 30	December 31
As of:	2018	2017
Total TDRs:		
Production and intermediate-term	40	85
Other	277	9
Total TDRs	<u>\$ 317</u>	<u>\$ 94</u>

All TDRs outstanding as of September 30, 2018, and December 31, 2017 were in nonaccrual status.

There were no commitments to lend to borrowers whose loans have been modified in a TDR at September 30, 2018.

**Allowance for Loan Losses****Changes in Allowance for Loan Losses**

(in thousands)	2018	2017
Nine months ended September 30		
Balance at beginning of period	\$ 4,404	\$ 5,307
Provision for loan losses	--	1,600
Loan recoveries	18	59
Loan charge-offs	(39)	(2,735)
Balance at end of period	<u>\$ 4,383</u>	<u>\$ 4,231</u>

The "Provision for credit losses" in the Consolidated Statements of Comprehensive Income includes a provision for loan losses as presented in the previous chart, as well as a provision for credit losses on unfunded commitments. The accrued credit losses on unfunded commitments are recorded in "Other liabilities" in the Consolidated Statements of Condition.

**Credit Loss Information on Unfunded Commitments**

(in thousands)	2018	2017
For the nine months ended September 30		
Provision for credit losses	\$ --	\$ 109
	September 30	December 31
As of:	2018	2017
Accrued credit losses	\$ 112	\$ 112

**NOTE 3: INVESTMENT SECURITIES**

We held investment securities of \$2.1 million at September 30, 2018, and \$3.6 million at December 31, 2017. Our investment securities consisted of securities containing loans guaranteed by the Small Business Administration (SBA). All of our investment securities were fully guaranteed by the SBA at September 30, 2018, and December 31, 2017.

The investment securities have been classified as held-to-maturity. The investment portfolio is evaluated for other-than-temporary impairment. No investments within the portfolio were impaired as of September 30, 2018, and December 31, 2017.

**Additional Investment Securities Information**

(dollars in thousands)	September 30	December 31
As of:	2018	2017
Amortized cost	\$ 2,091	\$ 3,643
Unrealized gains	73	142
Unrealized losses	(1)	--
Fair value	<u>\$ 2,163</u>	<u>\$ 3,785</u>
Weighted average yield	5.0%	4.3%

Investment income is recorded in "Interest income" in the Consolidated Statements of Comprehensive Income and totaled \$56 thousand and \$137 thousand for the nine months ended September 30, 2018, and 2017, respectively.

**NOTE 4: 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.

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 5: 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 2017 Annual Report 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 September 30, 2018, or December 31, 2017.

**Non-Recurring**

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 September 30, 2018			
	Fair Value Measurement Using			Total Fair Value
	Level 1	Level 2	Level 3	
Impaired loans	\$ --	\$ --	\$ 577	\$ 577

  

	As of December 31, 2017			
	Fair Value Measurement Using			Total Fair Value
	Level 1	Level 2	Level 3	
Impaired loans	\$ --	\$ --	\$ 51	\$ 51

**Valuation Techniques**

**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 independent appraisals and other 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 6: SUBSEQUENT EVENTS**

We have evaluated subsequent events through November 9, 2018, 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.