

#### Dear Stockholders,

This year's Lone Star Ag Credit annual report is sent to you with optimism and pride in an organization that has navigated challenges and significant changes over the past year, but continues to persevere and grow. It's been a tough year, but we have also been fortunate in many ways.

In 2017, we grew our loan assets to their highest level yet, and made strong improvements to our overall operating environment – all while maintaining strong credit quality and capital levels.

Unfortunately, during the year, we also discovered an event at one of our branches. A thorough review revealed that this event was isolated to that one location. It caused Lone Star to have to restate our 2016 financial statements and has delayed completion of our 2017 financial statements. More importantly, it has limited our ability to distribute patronage, which has always been our tradition. We deeply regret the concern this has caused our stockholders.

So we've asked ourselves, "How do we best move forward?" And the answer is clear: as a better, stronger Lone Star. As a result of the event, we have taken a hard look at all of our internal controls and processes and focused on strengthening Lone Star to help ensure that this event was a one-time occurrence. For the sake of our stockholders, our employees and the Association, that is what we have done.

We continue to implement and re-evaluate new procedures that improve our organization and provide a solid framework that maintains accountability throughout our system. We are adopting new technologies and allocating resources that will enable us to ensure that Lone Star operates with best practices. In fact, we are striving and expect to be a leader within the Farm Credit System with regard to the loan process and use of technology.

Meanwhile, Lone Star's team members have remained focused on their responsibility to serve our customers with excellence. They represent our organization well in their local communities every week, and I am frequently reminded just how many high-quality, dedicated folks we have throughout our institution.

As we move forward in 2018, we are humbled, but encouraged. We are encouraged by all the good people who have stood by us and worked with us through the past year. We are encouraged from a renewed focus on accountability and good stewardship. We are encouraged by the investments we have made in being a better, stronger Lone Star. But most of all, we are encouraged in the knowledge that we have a great team of employees, serving great customers and communities, and together, we will move forward to the next season and a bright future.

Thank you for your continued business and best wishes for success in the year ahead.

Sincerely,

Troy Bussmeir Chief Executive Officer

Lone Star Ag Credit

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#### REPORT OF MANAGEMENT

The consolidated financial statements of Lone Star, ACA, including its wholly-owned subsidiaries, Lone Star, PCA and Lone Star, FLCA (collectively referred to as the "Association"), are prepared by management, who is responsible for the statements' integrity and objectivity, including amounts that must necessarily be based on judgments and estimates. The consolidated financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America. Other financial information included in the Annual Report is consistent with that in the consolidated financial statements.

To meet its responsibility for reliable financial information, management depends on the Farm Credit Bank of Texas' (Bank) and the Association's accounting and internal control systems, which have been designed to provide reasonable, but not absolute, assurance that assets are safeguarded and transactions are properly authorized and recorded. The systems have been designed to recognize that the cost of controls must be related to the benefits derived. The consolidated financial statements are audited by PricewaterhouseCoopers LLP, independent accountants, who also obtain an understanding of internal controls to the extent necessary to comply with auditing standards generally accepted in the United States of America. The Association is also examined by the Farm Credit Administration.

The board of directors has overall responsibility for the Association's systems of internal control and financial reporting. The board consults regularly with management and reviews the results of the audits and examinations referred to previously.

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

Troy Bussmeir, Chief Executive Officer

May 3, 2018

Amy Birt, Chief Financial Officer

May 3, 2018

Tom Johnson, Chairman, Board of Directors

May 3, 2018

Don Crawford, Chairman, Audit Committee

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May 3, 2018

#### REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING

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

The Association's management has completed an assessment of the effectiveness of internal control over financial reporting as of December 31, 2017. In making the assessment, management used the framework in Internal Control – Integrated Framework, promulgated by the Committee of Sponsoring Organizations of the Treadway Commission, commonly referred to as the "COSO" criteria. Based on this assessment, the Association's management concluded that the internal control over financial reporting was not effective at December 31, 2017 due to the existence of material weaknesses in the Association's internal controls.

A material weakness is a control deficiency, or a combination of control deficiencies, that results in a more than remote likelihood that a material misstatement of the Association's annual or interim consolidated financial statements will not be prevented or detected on a timely basis. The Association's management concluded that the following material weaknesses existed in the following areas as of December 31, 2017:

- Disbursements loan disbursements (check and construction draws) were made without proper documentation and approval. Checks could be issued without being complete, accurate, and properly recorded due to lack of segregation of duties;
- Cash Control Transfers policies and procedures related to transfers between loan accounts were not in place, thereby allowing inaccurate entries to the loan accounting system;
- Segregation of Duties there were ineffective segregation of duties and monitoring processes related to several system accesses in the loan origination and accounting systems, which created the potential for unauthorized activity.

The Association has taken steps towards remediation of the material weaknesses that will continue into 2018 and include implementing more comprehensive written policies and procedures, ensuring appropriate system accesses, and developing a more comprehensive loan closing process. We have conducted a thorough review of the lending and accounting processes to ensure that personnel have the appropriate training and experience.

Troy Bussmeir, Chief Executive Officer

May 3, 2018

Amy Birt, Chief Financial Officer

May 3, 2018

#### REPORT OF AUDIT COMMITTEE

The Audit Committee (Committee) is composed of five members from the board of directors of Lone Star, ACA. Don Crawford, CPA, serves as the chairman of the Committee, and David W. Conrad, CPA, serves as vice chairman. David Harris, Brent Neuhaus and Bert Pruett are also members of the Committee. In 2017, 10 committee meetings were held. The Committee oversees the scope of Lone Star, ACA's system of internal controls and procedures, and the adequacy of management's action with respect to recommendations arising from those auditing activities. The Committee's approved responsibilities are described more fully in the Audit Committee Charter, which is available on request or on Lone Star, ACA's website. The Committee approved the appointment of PricewaterhouseCoopers LLP, independent auditors, to perform the consolidated financial statement audit for 2017.

Management is responsible for Lone Star, ACA's internal controls and the preparation of the consolidated financial statements in accordance with accounting principles generally accepted in the United States of America. The consolidated financial statements are prepared under the oversight of the Committee. PricewaterhouseCoopers LLP, is responsible for performing an independent audit of Lone Star, ACA's consolidated financial statements in accordance with auditing standards generally accepted in the United States of America and for issuing a report thereon. The Committee's responsibilities include monitoring and overseeing the processes.

In this context, the Committee reviewed and discussed both Lone Star, ACA's audited consolidated financial statements for the year ended December 31, 2017 (audited consolidated financial statements) and the 2016 restated consolidated financial statements, with management and PricewaterhouseCoopers LLP. The Committee also reviews with PricewaterhouseCoopers LLP the matters required to be discussed by authoritative guidance "The Auditor's Communication With Those Charged With Governance," and both PricewaterhouseCoopers LLP's and Lone Star, ACA's internal auditors directly provide reports on significant matters to the Committee.

The Committee discussed with PricewaterhouseCoopers LLP its independence from Lone Star, ACA. The Committee also reviewed the nonaudit services provided by PricewaterhouseCoopers LLP and concluded that these services were not incompatible with maintaining the independent accountant's independence. The Committee has discussed with management and PricewaterhouseCoopers LLP such other matters and received such assurances from them as the Committee deemed appropriate.

Based on the foregoing review and discussions and relying thereon, the Committee recommended that the board of directors include the audited consolidated financial statements in Lone Star, ACA's Annual Report to Stockholders for the year ended December 31, 2017.

**Audit Committee Members** 

Don Crawford, CPA David W. Conrad, CPA David Harris Brent Neuhaus Bert Pruett

May 3, 2018

#### DISCLOSURE INFORMATION AND INDEX

Disclosures Required by Farm Credit Administration Regulations

#### **DESCRIPTION OF BUSINESS**

The description of the territory served, the persons eligible to borrow, the types of lending activities engaged in and the financial services offered, and related Farm Credit organizations required to be disclosed in this section is incorporated herein by reference from Note 1 to the consolidated financial statements, "Organization and Operations," included in this annual report.

The descriptions of significant developments that had or could have a material impact on earnings, interest rates to borrowers, patronage, or dividends and acquisitions or dispositions of material assets, changes in the reporting entity, changes in patronage policies or practices and financial assistance provided by or to the Association through loss sharing or capital preservation agreements or from any other source, if any, required to be disclosed in this section are incorporated herein by reference from "Management's Discussion and Analysis of Financial Condition and Results of Operations," included in this annual report.

#### DESCRIPTION OF PROPERTY

Lone Star, ACA (Association) serves its 48-county territory through its main administrative and lending office at 1612 Summit Avenue, Suite 300, Fort Worth, Texas 76102. Additionally, there are 16 branch lending offices and two contact points located throughout the territory. The Association owns the office buildings in Cleburne, Corsicana, Denton, Hillsboro, Lampasas, New Boston, Paris, Stephenville, Sweetwater and Waco, free of debt. The Association leases office space in Abilene, Fort Worth, Georgetown, Round Rock, Sherman and Weatherford,.

#### LEGAL PROCEEDINGS

In the ordinary course of business, the Association is involved in various legal proceedings. In the opinion of legal counsel and management, there are no legal proceedings at this time that are likely to materially affect the consolidated financial statements of the Association.

#### DESCRIPTION OF CAPITAL STRUCTURE

The information required to be disclosed in this section is incorporated herein by reference from Note 11 to the consolidated financial statements, "Members' Equity," included in this annual report.

#### **DESCRIPTION OF LIABILITIES**

The description of liabilities required to be disclosed in this section is incorporated herein by reference from Note 10, "Note Payable to the Bank," Note 13, "Employee Benefit Plans" and in "Management's Discussion and Analysis of Financial Condition and Results of Operations," included in this annual report.

The description of contingent liabilities required to be disclosed in this section is incorporated herein by reference from Notes 3 and 16 to the consolidated financial statements, "Summary of Significant Accounting Policies" and "Commitments and Contingencies," respectively, included in this annual report.

#### RELATIONSHIP WITH THE FARM CREDIT BANK OF TEXAS

The Association's financial condition may be impacted by factors that affect the Bank, as discussed in Note 1 to the consolidated financial statements, "Organization and Operations," included in this annual report. The financial condition and results of operations of the Bank may materially affect the stockholders' investment in the Association.

The Farm Credit Bank of Texas and District Associations' (District) annual and quarterly stockholder reports are available free of charge, upon request. These reports can be obtained by writing to Farm Credit Bank of Texas, The Ag Agency, P.O. Box 202590, Austin, Texas 78720-2590 or calling (512) 483-9260. Copies of the district's annual and quarterly stockholder reports can also be requested by e-mailing fcb@farmcreditbank.com. The District's annual and quarterly stockholder reports are also available on its website at www.farmcreditbank.com.

The Association's quarterly stockholder reports are also available free of charge, upon request. These reports will be available approximately 40 days after quarter end and can be obtained by writing to Lone Star, ACA, 1612 Summit Avenue, Suite 300, Fort Worth, Texas 76102 or calling (817) 332-6565. Copies of the Association's quarterly stockholder reports can also be requested by e-mailing Tonya. Arvin@lonestaragcredit.com. The Association's annual stockholder report is available on its website at www.lonestaragcredit.com 75 days after the fiscal year end. Copies of the Association's annual stockholder report can also be requested 90 days after the fiscal year end.

## LONE STAR, ACA

## FIVE-YEAR SUMMARY OF SELECTED FINANCIAL DATA (unaudited) (dollars in thousands)

		2017	(I	Restated) 2016	2015		2014	2013
Balance Sheet Data								
<u>Assets</u>								
Cash	\$	90	\$	61	\$ 56	\$	72	\$ 28
Loans	1	1,681,073		1,648,167	1,553,142		1,400,308	841,975
Less: allowance for loan losses		(9,182)		(10,072)	 (6,818)		(5,683)	 (6,880)
Net loans	1	1,671,891		1,638,095	1,546,324		1,394,625	835,095
Investment in and receivable from								
the Farm Credit Bank of Texas		28,897		27,559	24,328		23,306	14,835
Other property owned, net		-		-	79		201	858
Other assets		13,118		13,219	 12,329		11,382	 6,684
Total assets	<b>\$</b> 1	1,713,996	\$	1,678,934	\$ 1,583,116	\$	1,429,586	\$ 857,500
<u>Liabilities</u> Obligations with maturities of one year or less	\$	11,862	\$	26,652	\$ 24,031	\$	24,158	\$ 12,686
Obligations with maturities		ŕ		,	,		•	•
greater than one year	]	1,361,491		1,322,671	1,231,371		1,088,806	643,308
Total liabilities		1,373,353		1,349,323	1,255,402		1,112,964	655,994
Members' Equity Capital stock and participation certificates Additional paid-in capital Allocated retained earnings		6,387 91,343		6,432 91,343	6,339 91,343 3,000		6,367 91,343 7,115	3,716
		244 271		222.660				100 155
Unallocated retained earnings		244,271		232,669	227,852		213,133	198,155
Accumulated other comprehensive income (loss) Total members' equity		(1,358) 340,643		(833)	 (820)		(1,336)	 (365)
Total members equity	<b>\$</b> 1	1,713,996	\$	1,678,934	\$ 1,583,116	-\$	1,429,586	\$ 857,500
Statement of Income Data  Net interest income (Provision for loan losses) or loan loss reversal Income from the Farm Credit Bank of Texas	\$	47,043 630 6,237	\$	44,331 (2,821) 6,152	\$ 43,654 (722) 5,724	\$	40,943 1,080 5,657	\$ 26,998 2,593 3,860
Other noninterest income		1,147		821	840		1,045	835
Noninterest expense		(43,468)		(29,767)	(21,884)		(21,695)	(14,223)
Benefit from income taxes		(1)			 (45)		53	 (21)
Net income	\$	11,588	\$	18,716	\$ 27,567	\$	27,083	\$ 20,042
Key Financial Ratios for the Year Return on average assets Return on average members' equity Net interest income as a percentage of		0.7% 3.3%		1.1% 5.5%	1.8% 8.4%		1.9% 8.5%	2.3% 10.1%
average earning assets Net charge-offs (recoveries) as a		2.8%		2.7%	3.0%		3.0%	3.2%
percentage of average loans		0.0%		0.0%	0.0%		0.0%	0.1%

# LONE STAR, ACA

## FIVE-YEAR SUMMARY OF SELECTED FINANCIAL DATA (unaudited) (dollars in thousands)

(Restated)

		(1	cotateu)				
	 2017		2016	2015	 2014	 2013	
Key Financial Ratios at Year End	 						
Members' equity as a percentage							
of total assets	19.9%		19.6%	20.7%	22.1%	23.5%	
Debt as a percentage of							
members' equity	403.2%		409.4%	383.1%	351.5%	325.5%	
Allowance for loan losses as							
a percentage of loans	0.5%		0.6%	0.4%	0.4%	0.8%	
Common equity tier 1 ratio	18.0%		n/a	n/a	n/a	n/a	
Tier 1 capital ratio	18.0%		n/a	n/a	n/a	n/a	
Total capital ratio	18.5%		n/a	n/a	n/a	n/a	
Permanent capital ratio	18.1%		18.9%	19.7%	21.4%	21.5%	
Tier 1 leverage ratio	18.9%		n/a	n/a	n/a	n/a	
UREE leverage ratio	20.0%		n/a	n/a	n/a	n/a	
Net Income Distribution							
Cash dividends paid	\$ 13,810	\$	15,923	\$ 16,221	\$ 16,447	\$ 7,000	

# MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following commentary explains management's assessment of the principal aspects of the consolidated financial condition and results of operations of Lone Star, ACA, including its wholly-owned subsidiaries, Lone Star, PCA and Lone Star, FLCA (collectively referred to as the "Association"), and should be read in conjunction with the accompanying consolidated financial statements. The accompanying consolidated financial statements were prepared under the oversight of the Association's Audit Committee.

Restatement of Previously Issued Financial Statements

On August 9, 2017, the Board of Directors and Management of Lone Star, ACA (the "Association") determined the Association's financial statements as of and for the year ended December 31, 2016, as well as the three months ended March 31, 2017, should no longer be relied upon and needed to be restated to correct misstatements in the consolidated financial statements. The Association's restatements in 2016 decreased consolidated other comprehensive income, and members' equity previously reported by \$8,116,388. These additional losses were the result of the activities of a former loan officer who breached the Association's policies and procedures and engaged in improper conduct that included improperly advancing funds without appropriate approvals, offering unauthorized loan terms to borrowers, originating loans to fictitious borrowers, and originating loans and advancing funds based on fabricated documentation.

As a result of these activities, the 2016 Consolidated Financial Statements have been restated to properly reflect the following:

- A. Loan advances to fictitious borrowers were expensed and related accrued interest was reversed in the applicable period.
- B. Undocumented loan advances assigned to incorrect borrowers' accounts were expensed and related accrued interest was reversed in the applicable period.
- C. The fair value of loan concessions granted through refinancing of a relationship or as a result of the acceptance of rates and terms previously negotiated by the former loan officer, which were more favorable than market terms or rates, were recorded. This fair value adjustment, or discount, will be accreted into income over the contractual life of the loans, which ranges from 20 months to 30 years.
- D. Increase in the allowance for loan losses (through an increase in the provision for loan losses) for the additional risk quantified by management in the loan portfolio.

See Note 2, "Restatement," for more information regarding the restatement and the specific changes to our previously issued financial statements. The financial information that has been previously filed or otherwise reported for these periods is superseded by the information in this report, and the financial statements and related financial information contained in such previously filed reports should no longer be relied upon. Additionally, any previously issued regulatory reports and shareholder communications describing the Association's financial statements for these periods should no longer be relied upon.

The remaining sections of Management's Discussion and Analysis of Financial Condition and Results of Operations is reflective of the restatement of 2016 information as described in Note 2 to the consolidated financial statements.

The events and activities that resulted in the restatement of the Association's financial statements at December 31, 2016 and for the year then ended also impacted the 2017 financial statements. The following table summarizes the financial impact of the breach in policies and procedures, which include other direct costs incurred by the Association.

	2016		2017		Cur	nulative Effect
Loan advances expensed	\$	(2,858,177)	\$	(6,435,730)	\$	(9,293,907)
Recovery of loan advances expensed		-		8,993,907		8,993,907
Net impact of undocumented advances		(2,858,177)		2,558,177		(300,000)
Record fair value of loan concessions		(2,154,888)		(12,665,107)		(14,819,995)
Net breach in policies and procedures expense included in other noninterest expense	\$	(5,013,065)	\$	(10,106,930)	\$	(15,119,995)
Reversal of accrued interest on expensed loan advances	\$	(91,178)	\$	(285,831)	\$	(377,009)
Accretion of loan discount into interest income	\$	13,279	\$	181,820	\$	195,099
Adjustments to Allowance for Loan Losses	\$	(3,025,424)	\$	924,594	\$	(2,100,830)
Professional services related to breach in policies and procedures	\$	-	\$	(10,540,145)	\$	(10,540,145)
Net decrease to the Association's equity	\$	(8,116,388)	\$	(19,826,492)	\$	(27,942,880)

In addition, \$1,432,533 of continuing remediation costs, classified as professional services, were incurred in 2018 through the date of this report related to the breach in policies and procedures. Professional services consists of forensic, accounting and legal costs.

#### **Forward-Looking Information:**

This annual information statement contains forward-looking statements. These statements are not guarantees of future performance and involve certain risks, uncertainties and assumptions that are difficult to predict. Words such as "anticipates," "believes," "could," "estimates," "may," "should," "will" or other variations of these terms are intended to identify the forward-looking statements. These statements are based on assumptions and analyses made in light of experience and other historical trends, current conditions and expected future developments. However, actual results and developments may differ materially from our expectations and predictions due to a number of risks and uncertainties, many of which are beyond our control. These risks and uncertainties include, but are not limited to:

- political, legal, regulatory and economic conditions and developments in the United States and abroad;
- economic fluctuations in the agricultural, rural utility, international and farm-related business sectors;
- weather-related, disease-related and other adverse climatic or biological conditions that periodically occur that impact agricultural productivity and income;
- changes in United States government support of the agricultural industry; and
- actions taken by the Federal Reserve System in implementing monetary policy.

#### **Significant Events:**

In 2017, the Association paid patronage of \$13,809,745, which represents the 100-basis-point cash patronage declared in December 2016 by the board of Lone Star, ACA. In 2016 and 2015, the Association paid patronage of \$15,923,462 and \$16,220,729, respectively.

Patronage was paid to eligible borrowers based on their average outstanding loan balance for the years ended December 31, 2016 and 2015. In October 2016, the board approved the distribution of \$3,000,029 of equities allocated to the stockholders of the former Texas Land Bank, ACA, which was paid in November 2016. This distribution was set forth in the merger disclosure document. The Association's capital position remains strong and is 18.0 percent for the period ending December 2017.

In December 2017 and 2016, the Association received a direct loan patronage of \$5,355,288 and \$5,320,436, respectively, from the Bank, representing 39 and 41 basis points, respectively, on the average daily balance of the Association's direct loan with the Bank. During 2017 and 2016, the Association received \$571,987 and \$453,974, respectively, in patronage payments from the Bank, based on the Association's stock investment in the Bank. Also, the Association received a participation's patronage of \$18,615 and \$62,033 in 2017 and 2016, respectively, from the Bank, representing 75 basis points on the Association's average balance of participations sold into the Bank's patronage pool program.

Since 1917, the Association and its predecessors have provided its members with quality financial services. The board of directors and management remain committed to maintaining the financial integrity of the Association while offering competitive loan products that meet the financial needs of agricultural producers.

#### Loan Portfolio:

The Association makes and services loans to farmers, ranchers, rural homeowners and certain farm-related businesses. The Association's loan volume consists of long-term farm mortgage loans, production and intermediate-term loans, and farm-related business loans. These loan products are available to eligible borrowers with competitive variable, fixed, adjustable, LIBOR-based and prime-based interest rates. Commercial loans primarily consist of operating loans and short-term loans for working capital, equipment and livestock. Mortgage loans primarily consist of 20- to 40-year maturities. Loans serviced by the Association offer several installment payment cycles, the timing of which usually coincides with the seasonal cash-flow capabilities of the borrower.

The composition of the Association's loan portfolio, including principal less funds held of \$1,681,072,602, \$1,648,166,522, and \$1,553,141,676 as of December 31, 2017, 2016 (Restated), and 2015, respectively, is described more fully in detailed tables in Note 5 to the consolidated financial statements, "Loans and Allowance for Loan Losses" included in this annual report.

The \$32,906,080 increase of loan portfolio between December 31, 2016 and December 31, 2017, was the result of increased demand for real estate transactions and overall growth of accrual loan volume. The Association anticipates continued, but moderated, growth in loan volume during 2018.

#### **Purchase and Sales of Loans:**

During 2017, 2016, and 2015, the Association purchased participation loans from other lenders. As of December 31, 2017, 2016, and 2015, participations purchased from other Farm Credit institutions totaled \$245,040,983, \$254,569,519, and \$257,137,764, or 14.6 percent, 15.4 percent, and 16.6 percent of loans, respectively. The Association had participations with entities outside the district totaling \$1,408,928, \$975,473, and \$185,841 for the years ended 2017, 2016, and 2015, respectively. The Association has also sold participations of \$9,653,120, \$26,126,415, and \$30,089,358 as of December 31, 2017, 2016, and 2015, respectively.

Effective January 26, 2012 the Bank purchased Lone Star, ACA's securitized Farmer Mac Agricultural Mortgage Backed Securities (AMBS) investments. The purchase of \$35,459,508 included outstanding principal and accrued interest as of that date. There was no gain or loss recognized by the Association on this transaction. The Association will continue to service the underlying loans that were included in this security. Also, there is intended to be no effect to Lone Star, ACA's income based on this transaction as it is expected that the Bank will be able to pay the Association a patronage equivalent to the net interest that would have been earned on the AMBS investment. However, the Bank's payment of patronage is at the discretion of the Bank's board of directors. The remaining balance of the AMBS investment at December 31, 2017 was \$9,536,391.

#### **Risk Exposure:**

High-risk assets include nonaccrual loans, loans that are past due 90 days or more and still accruing interest, formally restructured loans and other property owned, net.

The following table illustrates the Association's components and trends of high-risk assets serviced for the prior three years as of December 31:

	2017		2016	<u> </u>	2015			
	Amount	<u>%</u>	Amount	%		Amount	%	
Nonaccrual	\$ 5,633,106	55.4%	\$ 6,207,663	66.7%	\$	6,386,670	98.2%	
Formally restructured*	4,537,338	44.6%	3,106,032	33.3%		39,842	0.6%	
Other property owned, net		0.0%		0.0%		78,518	1.2%	
Total	\$ 10,170,444	100.0%	\$ 9,313,695	100.0%	\$	6,505,030	100.0%	

<sup>\*</sup> Formally restructured loans consists of troubled debt restructured loans classified as accrual loans.

At December 31, 2017, 2016, and 2015, loans that were considered impaired were \$10,170,444, \$9,313,695, and \$6,426,512, representing 0.6 percent, 0.6 percent, and 0.4 percent of loan volume, respectively. Impaired loans consist of all high-risk assets except other property owned, net.

During 2017, the Association experienced a \$574,557 decrease in nonaccrual loan volume for a total outstanding volume of \$5,633,106 as of December 31, 2017. Of the \$5,633,106, beef cattle comprised \$3,203,898; rural home loans comprised \$228,181; cash grains comprised \$727,563; general farms, primarily crop, comprised \$626,890; and horses and other equines comprised \$613,461; with the remaining balance of nonaccrual volume being comprised by other various commodities.

During 2017, the Association experienced a \$1,431,306 increase in formally restructured loans for a total outstanding volume of \$4,537,338. The increase was primarily attributed to the transition of a commercial real estate relationship from nonaccrual to accrual status when the Association refinanced 11 loans totaling \$1,411,472 into four loans totaling \$1,362,407. Originally the loan was downgraded to nonaccrual status due to loan performance. However, it was later discovered that the apparent nonperformance was the result of the borrowers' understanding of the loan terms differing from the terms documented in the loan system due to misinformation supplied by the former loan officer. The borrowers were performing according to the terms communicated to them. As such, the loans were refinanced to be consistent with the borrowers' understanding of the original loan terms which will allow them to maintain performance under the refinanced terms. Additionally, the refinancing of loans better protected the Association from loss in the event of a future default, as the borrower was able to reduce Association debt levels and the refinanced loans were more favorably structured.

At December 31, 2017 the Association held no property classified as other property owned.

Except for the relationship between installment due date and seasonal cash-flow capabilities of the borrower, the Association is not materially affected by seasonal characteristics. The factors affecting the operations of the Association are the same factors that would affect any agricultural lender.

#### Allowance for Loan Losses:

The following table provides relevant information regarding the allowance for loan losses as of, or for the year ended, December 31:

	(Restated)								
		2017		2016	2015				
Allowance for loan losses	\$	9,181,997	\$	10,071,747	\$	6,817,421			
Allowance for loan losses to total loans	0.5%			0.6%		0.4%			
Allowance for loan losses to nonaccrual loans		163.0%		162.2%		106.7%			
Allowance for loan losses to impaired loans		91.1%		108.1%		104.8%			
Net charge-offs to average loans		0.0%		0.0%		0.0%			

The allowance is based on a periodic evaluation of the loan portfolio by management in which numerous factors are considered, including economic conditions, loan portfolio composition, collateral value, portfolio quality, current production conditions and economic conditions, and prior loan loss experience. Management considers the following factors in determining and supporting the level of allowance for loan losses: the concentration of lending in agriculture, combined with uncertainties associated with farmland values, commodity prices, exports, government assistance programs, regional economic effects and weather-related influences.

Based upon ongoing risk assessment and the allowance for loan losses procedures outlined above, the allowance for loan losses of \$9,181,997, \$10,071,747, and \$6,817,421 at December 31, 2017, 2016 (Restated), and 2015, respectively, is considered adequate by management to compensate for inherent losses in the loan portfolio at such dates. Management's process for the evaluation of allowance for loan losses includes a portfolio analysis, peer comparison with similar Farm Credit institutions and similar commercial banks, and an analysis of historical loss experience. As previously noted, the allowance for loan losses increased \$3,025,424 for 2016 (restated) due to recognition of credit quality deteriorations for loans affected by the events revealed in 2017. The reduction of allowance in 2017 totaling \$924,594 reflects the resolution and reassessment of credit quality for a number of these affected loans.

Management utilizes an allowance pool to address the need for additional allowance for under-secured loans, should they deteriorate, and ultimately require a specific allowance. In addition, during 2014 management implemented an additional allowance pool to address the need for allowance for loan commitments that have been established, but are not yet drawn. This allowance pool on unfunded commitments is reflected in other liabilities and is not reflected in the allowance for loan losses balance. In view of portfolio analysis, historical trends, projected needs and the implementation of the additional allowance pool, management believes that the allowance is adequate.

#### **Results of Operations:**

The Association's net income for the year ended December 31, 2017, was \$11,587,943 as compared to \$18,716,237 for the year ended December 31, 2016 (Restated), reflecting a decrease of \$7,128,294, or 38.1 percent. The Association's net income for the year ended December 31, 2015 was \$27,567,268. Net income decreased \$8,851,031, or 32.1 percent, in 2016 (Restated) versus 2015.

Net interest income for 2017, 2016 (Restated), and 2015 was \$47,042,981, \$44,331,353, and \$43,654,034, respectively, reflecting increases of \$2,711,628, or 6.1 percent, for 2017 versus 2016 (Restated) and \$677,319, or 1.6 percent, for 2016 (Restated) versus 2015. Net interest income is the principal source of earnings for the Association and is impacted by volume, yields on assets and cost of debt. The effects of changes in average volume and interest rates on net interest income over the past three years are presented in the following tables:

	(Restated)										
	20:	17		)16	2015						
	Average		Average		Average						
	Balance	Interest	Balance	Interest	Balance	Interest					
Loans	\$ 1,698,230,836	\$ 78,489,105	\$ 1,615,659,972	\$ 70,890,135	\$ 1,473,132,045 \$	66,705,294					
Total interest-earning assets	1,698,230,836	78,489,105	1,615,659,972	70,890,135	1,473,132,045	66,705,294					
Interest-bearing liabilities	1,370,870,127	31,446,124	1,294,961,169	26,558,782	1,160,560,406	23,051,260					
Impact of capital	\$ 327,360,709		\$ 320,698,803	_	\$ 312,571,639						
Net interest income		\$ 47,042,981		\$ 44,331,353	\$	43,654,034					
	•		_		_						
	(Restated)										
	20	17	20	016	2015	2015					
	Average	e Yield	Avera	ge Yield	Average Yield						
Yield on loans	4.62	2%	4.:	39%	4.53%						
Total yield on interest-											
earning assets	4.62	2%	4	39%	4.53%						
Cost of interest-bearing											
liabilities	2.29	9%	2.0	05%	1.99%	6					
Interest rate spread	2.33	3%	2.3	34%	2.54%						
Net interest income as a percentage											
of average earning assets	2.7	7%	2.	74%	2.96%	6					
					2.507						

Interest income - loans
Total interest income
Interest expense
Net interest income

20	017 vs	s. 2016 (Restate	ed)		2016 (Restated) vs. 2015						
 Inc	crease	e (decrease) du	e to		Increase (decrease) due to						
Volume		Rate		Total Volume		Volume		Rate	Total		
\$ 3,622,962	\$	3,976,008	\$	7,598,970	\$	6,453,807	\$	(2,268,966)	\$	4,184,841	
3,622,962		3,976,008		7,598,970		6,453,807		(2,268,966)		4,184,841	
1,556,817		3,330,525		4,887,342		1,933,073		838,054		2,771,127	
\$ 2,066,145	\$	645,483	\$	2,711,628	\$	4,520,734	\$	(3,107,020)	\$	1,413,714	

Interest income for 2017 increased by \$7,598,970, or 10.7 percent, compared to 2016 (Restated), while interest expense for 2017 increased by \$4,887,342, or 18.4 percent, compared to 2016 due to an increase in average interest-bearing liabilities and the cost of those liabilities. The interest rate spread decreased by 1 basis point to 2.33 percent in 2017 from 2.34 percent in 2016 (Restated), as the yield on loans increased on average 0.23 percent during the year while the Association's rate of borrowing from the Bank also increased 0.24 percent.

The interest rate spread decreased by 20 basis points to 2.34 percent in 2016 (Restated) from 2.54 percent in 2015, primarily because 2015 recognized an additional \$1,394,953 of interest on nonaccruals over 2016 (Restated) leading to a higher yield, 4.53 percent, compared to 2016, 4.39 percent. The decrease in interest rate spread was also attributable to yield on loans decreasing on average during the year and the Association's rate of borrowing from its lender was not as favorable in 2016, at 2.05 percent, compared to 2015, at 1.99 percent.

The Association offers a number of different interest rate programs including fixed rate products lasting for a set period up to the term of a loan, products indexed to Prime or LIBOR, and a variety of adjustable interest rate products. The Association's control over interest rate margins resides in its ability to add a spread over cost of funds, the goal of which is to achieve an acceptable level of income to fund operations and generate a return for shareholders. Net interest margin for year-end 2017 was 2.77, versus 2.74 for the same period in 2016 (Restated).

Noninterest income for 2017 increased by \$411,845, or 5.9 percent, compared to 2016, due primarily to an increase in patronage income from the Farm Credit Bank of Texas. Noninterest income for 2016 increased by \$407,746, or 6.2 percent, compared to 2015, due primarily to an increase in patronage income from the Farm Credit Bank of Texas. The increase in patronage income was a result of a significantly higher average note payable to the Farm Credit Bank of Texas in 2016 as compared to 2015.

Authoritative accounting guidance requiring the capitalization and amortization of loan origination fees and costs was implemented during 2010 for loans closed in 2010 and forward, resulting in the capitalization of \$2,515,905, \$2,340,269, and \$1,941,558 for 2017, 2016, and 2015, respectively, in origination fees, and \$2,636,198, \$2,105,609, and \$2,105,609 for 2017, 2016, and 2015, respectively, in origination costs, which will be amortized over the life of the loans as an adjustment to yield in net interest income.

Provisions for loan losses decreased by \$3,450,800, or 122.3 percent, compared to 2016 (Restated), due to identified discrepancies in the loan portfolio as discussed in Note 2 to the consolidated financial statements, "Restatement," included in this annual report.

Operating expenses consist primarily of salaries and employee benefits, purchased services, occupancy and equipment expenses, advertising, public and member relations expenses, and insurance fund premiums. Expenses for purchased services include administrative services, marketing, accounting and loan processing, audit and credit review fees, and legal fees, among others. Net operating expense for 2017, 2016 (Restated), and 2015 was \$43,468,476, \$29,767,077, and \$21,844,071, respectively, reflecting an increase of \$13,701,399, or 46.0 percent, for 2017 and an increase of \$7,883,006, or 36.0 percent, for 2016 (Restated).

The increase in operating expenses for 2017 was driven primarily by increases in purchased services of \$10,979,662 resulting from increased legal and accounting expenses; travel, which includes auto depreciation, of \$413,542; and \$10,540,145 for the breach of policies and procedures related expenses. The increase of \$5,013,065 in other noninterest expense in 2016 is the result of the breach of policies and procedures related expenses.

For the year ended December 31, 2017, the Association's return on average assets was 0.7 percent, as compared to 1.1 percent and 1.8 percent for the years ended December 31, 2016 (Restated) and 2015, respectively. For the year ended December 31, 2017, the Association's return on average members' equity was 3.3 percent, as compared to 5.5 percent and 8.4 percent for the years ended December 31, 2016 (Restated) and 2015, respectively.

#### **Liquidity and Funding Sources:**

On August 28, 2017 the Association received a "Notice of Default of General Financing Agreement (GFA)" from the Bank. The default was due to the Association's nonperformance as it relates to financial reporting. Additionally, the Association was subject to development of action plans for remediation of the Association's material weaknesses noted in the Report on Internal Controls Over Financial Reporting. The Association was granted a Waiver of Default of the GFA. The Bank granted the waiver with conditions that the restated financials for fiscal years 2016 and 2017 were provided no later than May 31, 2018. The Association has been able to meet the documented requirements of the waiver.

During the preparation of the 2017 and restated 2016 financial statements, the Association became aware of a financial performance covenant violation of its GFA with the Bank. Specifically, the ROA was revealed to fall below the 1.0 percent required level. The Association sought and received a temporary waiver of this violation, and expects to achieve compliance with this GFA covenant as of the end of the second quarter of 2018.

The interest rate risk inherent in the Association's loan portfolio is substantially mitigated through the funding relationship with the Bank. The Bank manages interest rate risk through its direct loan pricing and asset/liability management process.

Because the Association depends on the Bank for funding, any significant positive or negative factors affecting the operations of the Bank may have an effect on the operations of the Association.

The primary source of liquidity and funding for the Association is a direct loan from the Bank. The outstanding balance of \$1,358,683,640, \$1,320,377,658, and \$1,229,343,523 as of December 31, 2017, 2016, and 2015, respectively, is recorded as a liability on the Association's balance sheet. The note carried a weighted average interest rate of 2.38 percent, 2.03 percent, and 1.90 percent at December 31, 2017, 2016, and 2015, respectively. The indebtedness is collateralized by a pledge of substantially all of the Association's assets to the Bank and is governed by a GFA. The increase in note payable to the Bank and related accrued interest payable since December 31, 2016, correlates directly with the growth in Association loan volume. The Association's own funds, which represent the amount of the Association's loan portfolio funded by the Association's equity, were \$337,712,474, \$333,586,191, and \$323,916,262 at December 31, 2017, 2016, and 2015, respectively. The maximum amount the Association may borrow from the Bank as of December 31, 2017, was \$1,607,205,736 as defined by the GFA. The indebtedness continues in effect until the expiration date of the GFA, which is September 30, 2018, unless terminated sooner by the Bank upon the occurrence of an event of default, or by the Association, in the event of a breach of this agreement by the Bank, upon giving the Bank 30 calendar days' prior written notice, or in all other circumstances, upon giving the Bank 120 days' prior written notice.

The liquidity policy of the Association is to manage cash balances, to maximize debt reduction and to increase accrual loan volume. This policy will continue to be pursued during 2018. As borrower payments are received, they are applied to the Association's note payable to the Bank.

The Association will continue to fund its operations through direct borrowings from the Bank, capital surplus from prior years and borrower stock. It is management's opinion that funds available to the Association are sufficient to fund its operations for the coming year.

#### **Capital Resources:**

The Association's capital position remains strong, with total members' equity of \$340,643,552, \$329,610,453, and \$327,714,176 at December 31, 2017, 2016 (Restated), and 2015, respectively.

New regulations became effective January 1, 2017, which replaced the previously required core surplus and total surplus ratios with common equity tier 1, tier 1 capital, and total capital risk-based capital ratios. The new regulations also added tier 1 leverage and unallocated retained earnings and equivalents (UREE) ratios. The permanent capital ratio continues to remain in effect, with some modifications to align with the new regulations.

	Regulatory	Conservation	Tatal	As of
	Minimums	Buffers*	Total	December 31, 2017
Risk-adjusted:				
Common equity tier 1 ratio	4.50%	2.50% *	7.00%	18.0%
Tier 1 capital ratio	6.00%	2.50% *	8.50%	18.0%
Total capital ratio	8.00%	2.50% *	10.50%	18.5%
Permanent capital ratio	7.00%	0.00%	7.00%	18.1%
Non-risk-adjusted:				
Tier 1 leverage ratio**	4.00%	1.00%	5.00%	18.9%
UREE leverage ratio	1.50%	0.00%	1.50%	20.0%

<sup>\*</sup>The 2.5% captial conservation buffer for the risk-adjusted ratios will be phased in over a three-year period ending on December 31, 2019. There is no phase-in of the leverage buffer.

The Association's members' equity includes accumulated other comprehensive loss (AOCL) related to certain health care benefits to qualifying retired employees (other postretirement benefits). These benefits are not characterized as multi-employer and, consequently, the liability for these benefits is included in other liabilities. The AOCL includes net actuarial losses and prior service costs/credits that have been included in liabilities, but have not yet been amortized into earnings.

In 2017, the Association paid patronage of \$13,809,745, which represents a 100-basis-point cash patronage declared in December 2016 by the board of Lone Star, ACA. In 2016 and 2015, the Association paid patronage of \$15,923,462 and \$16,220,729, respectively.

## **Significant Recent Accounting Pronouncements:**

In March 2017, the Financial Accounting Standards Board (FASB) issued guidance entitled "Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Cost." The guidance requires that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. Other components are required to be presented in the income statement separately from the service cost component and outside a subtotal of income from operations, if one is presented. This guidance becomes effective for interim and annual periods beginning after December 15, 2017. The adoption of this guidance is not expected to impact the Association's financial condition but could change the classification of certain items in the results of operations.

In August 2016, the FASB issued guidance entitled "Classification of Certain Cash Receipts and Cash Payments." The guidance addresses specific cash flow issues with the objective of reducing the diversity in the classification of these cash flows. Included in the cash flow issues are debt prepayment or debt extinguishment costs and settlement of zero-coupon debt instruments or other debt instruments with coupon interest rates that are insignificant in relation to the effective interest rate of the borrowing. This guidance becomes effective for interim and annual periods beginning after December 15, 2017. The adoption of this guidance is not expected to impact the Association's financial condition or its results of operations but could change the classification of certain items in the statement of cash flows.

<sup>\*\*</sup>Must include the regulatory minimum requirement for the URE and UREE Leverage ratio

In June 2016, the FASB issued guidance entitled "Measurement of Credit Losses on Financial Instruments." The guidance replaces the current incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. Credit losses relating to available-for-sale securities would also be recorded through an allowance for credit losses. For public business entities that are not U.S. Securities and Exchange Commission filers this guidance becomes effective for interim and annual periods beginning after December 15, 2020, with early application permitted. The Association is currently evaluating the impact of adoption on its financial condition and results of operations.

In February 2016, the FASB issued guidance entitled "Leases." The guidance requires the recognition by lessees of lease assets and lease liabilities on the balance sheet for the rights and obligations created by those leases. Leases with lease terms of more than 12 months are impacted by this guidance. This guidance becomes effective for interim and annual periods beginning after December 15, 2018, with early application permitted. The Association is currently evaluating the impact of adoption on its financial condition and results of operations. The adoption of this guidance is not expected to impact the Association's financial condition or its results of operations.

In January 2016, the FASB issued guidance entitled "Recognition and Measurement of Financial Assets and Liabilities." The guidance affects, among other things, the presentation and disclosure requirements for financial instruments. For public entities, the guidance eliminates the requirement to disclose the methods and significant assumptions used to estimate the fair value of financial instruments carried at amortized cost. This guidance becomes effective for interim and annual periods beginning after December 15, 2017. The adoption of this guidance is not expected to impact the Association's financial condition or its results of operations.

In May 2014, the FASB issued guidance entitled, "Revenue from Contracts with Customers." 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 new revenue recognition guidance. In this regard, a majority of the Association's contracts would be excluded from the scope of this new guidance. In August 2015, the FASB issued an update that defers this guidance by one year, which results in the new revenue standard becoming effective for interim and annual reporting periods beginning after December 15, 2017. The Association determined the effect was not material to its financial condition or results of operations and will not change its current recognition practices.

#### **Regulatory Matters:**

The Association is currently operating under a Special Supervision letter issued by the Farm Credit Administration (FCA). Lone Star is cooperating and complying with the requirements of the Special Supervision letter and has not been assessed any monetary penalties by the FCA. However, there can be no assurances that future monetary penalties that would affect our financial condition will not be assessed by the FCA.

On March 10, 2016, the Farm Credit Administration approved a final rule to modify the regulatory capital requirements for System Banks and associations. The stated objectives of the proposed rule are as follows:

- To modernize capital requirements while ensuring that the institutions continue to hold sufficient regulatory capital to fulfill their mission as a government-sponsored enterprise.
- To ensure that the System's capital requirements are comparable to the Basel III framework and the standardized approach that the federal banking regulatory agencies have adopted, but also to ensure that the rules recognize the cooperative structure and the organization of the System,
- To make System regulatory capital requirements more transparent and
- To meet the requirements of section 939A of the Dodd-Frank Act.

The final rule was effective on January 1, 2017. The Association is in compliance with the regulatory minimum capital ratios under the final rule as of December 31, 2017.

#### **Relationship With the Bank:**

The Association's statutory obligation to borrow only from the Bank is discussed in Note 10 to the consolidated financial statements, "Note Payable to the Bank," included in this annual report.

The Bank's ability to access capital of the Association is discussed in Note 3 to the consolidated financial statements, "Summary of Significant Accounting Policies," included in this annual report, within the section "Capital Stock Investment in the Farm Credit Bank of Texas."

The Bank's role in mitigating the Association's exposure to interest rate risk is described in the section "Liquidity and Funding Sources" of Management's Discussion and Analysis and in Note 10 to the consolidated financial statements, "Note Payable to the Bank," included in this annual report.

The Bank provides computer systems to support the critical operations of all district associations. In addition, each Association has operating systems and facility-based systems that are not supported by the Bank. As disclosed in Note 14 to the consolidated financial statements, "Related Party Transactions," included in this annual report, the Bank provides many services that the Association can utilize, such as administrative, marketing, information systems and accounting services. Additionally, the Bank bills district expenses to the associations, such as the Farm Credit System Insurance Corporation insurance premiums.

#### Tax Reform:

New U.S. tax laws resulting from legislation commonly known as the Tax Cuts and Jobs Acts of 2017 (TCJA) were enacted in late 2017. Among other things, the TCJA changed the federal corporate tax rate from 35 percent to 21 percent. The bank is exempt from federal and certain other income taxes as provided by the Farm Credit Act; however, the change in the federal corporate tax rate will have a financial statement impact for year-end 2017 for district associations that will require the revaluation of any deferred taxes (assets or liabilities), which will result in either a tax expense or tax benefit to the income statement. While the full impact of the TCJA is difficult to predict and may not be fully known for several years, changes that could affect the associations' business and customers include, but are not limited to, modifications to deductions surrounding interest expense and equipment purchases, tax incentives related to renewable energy initiatives, deductions impacting agricultural producers who sell their products to cooperatives and the overall changes in the competitive environment impacting financial institutions.

#### **Summary:**

Over the past 100 years, regardless of the state of the agricultural economy, your Association's board of directors and management, as well as the board of directors and management of the Bank, have been committed to offering their borrowers a ready source of financing at a competitive price. Your continued support will be critical to the success of this Association.



## **Report of Independent Auditors**

To Management and the Board of Directors of Lone Star, ACA

We have audited the accompanying consolidated financial statements of Lone Star, ACA and its subsidiaries (the Association), which comprise the consolidated balance sheets as of December 31, 2017, December 31, 2016, and December 31, 2015, and the related consolidated statements of comprehensive income, changes in members' equity and cash flows for the years then ended.

#### Management's Responsibility for the Consolidated Financial Statements

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

#### Auditors' Responsibility

Our responsibility is to express an opinion on the consolidated financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated financial statements. The procedures selected depend on our judgment, including the assessment of the risks of material misstatement of the consolidated financial statements, whether due to fraud or error. In making those risk assessments, we consider internal control relevant to the Association's preparation and fair presentation of the consolidated financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Association's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### **Opinion**

In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of Lone Star, ACA and its subsidiaries as of December 31, 2017, December 31, 2016, and December 31, 2015, and the results of their operations and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

## **Emphasis of Matter**

As discussed in Note 2 to the consolidated financial statements, the Association has restated its 2016 financial statements to correct misstatements. Our opinion is not modified with respect to this matter.

May 3, 2018

ricewaterhouse Coopers 22P

## LONE STAR, ACA

## CONSOLIDATED BALANCE SHEETS

	December 31,								
				(Restated)					
	<b>2017</b> 2016				2015				
<u>Assets</u>		_		_					
Cash	\$	90,437	\$	60,478	\$	55,698			
Loans		1,681,072,602		1,648,166,522		1,553,141,676			
Less: allowance for loan losses		(9,181,997)		(10,071,747)		(6,817,421)			
Net loans		1,671,890,605		1,638,094,775		1,546,324,255			
Accrued interest receivable		9,321,322		9,169,528		8,422,280			
Investment in and receivable from the Farm									
Credit Bank of Texas:									
Capital stock		27,562,030		26,002,180		23,280,780			
Other		1,334,685		1,556,926		1,047,251			
Other property owned, net		-		-		78,518			
Premises and equipment		2,835,580		3,160,358		3,082,233			
Other assets		961,471		889,148		824,830			
Total assets	\$	1,713,996,130	\$	1,678,933,393	\$	1,583,115,845			
<u>Liabilities</u>									
Note payable to the Farm Credit Bank of Texas	\$	1,358,683,640	\$	1,320,377,658	\$	1,229,343,523			
Accrued interest payable		2,807,131		2,293,082		2,027,520			
Drafts outstanding		137,903		229,275		219,479			
Dividends payable		-		13,824,603		12,847,681			
Other liabilities		11,723,904		12,598,322		10,963,466			
Total liabilities		1,373,352,578		1,349,322,940		1,255,401,669			
Members' Equity									
Capital stock and participation certificates		6,386,865		6,431,805		6,339,120			
Additional paid-in capital		91,343,553		91,343,553		91,343,553			
Allocated retained earnings		-		-		3,000,029			
Unallocated retained earnings		244,270,903		232,668,103		227,852,221			
Accumulated other comprehensive loss		(1,357,769)		(833,008)		(820,747)			
Total members' equity		340,643,552		329,610,453		327,714,176			
Total liabilities and members' equity	\$	1,713,996,130	\$	1,678,933,393	\$	1,583,115,845			

## LONE STAR, ACA

## CONSOLIDATED STATEMENTS OF COMPREHENSIVE INCOME

	Year Ended December 31,									
				(Restated)						
		2017		2016		2015				
<u>Interest Income</u>										
Loans	\$	78,489,105	\$	70,890,135	\$	66,705,294				
Total interest income		78,489,105		70,890,135		66,705,294				
Interest Expense										
Note payable to the Farm Credit Bank of Texas		31,446,079		26,558,764		23,051,254				
Advance conditional payments		45		18		6				
Total interest expense		31,446,124		26,558,782		23,051,260				
Net interest income		47,042,981		44,331,353		43,654,034				
Provision for Loan Losses		(630,143)		2,820,657		722,208				
Net interest income after										
provision for losses		47,673,124		41,510,696		42,931,826				
Noninterest Income										
Income from the Farm Credit Bank of Texas:										
Patronage income		6,237,662		6,151,906		5,724,417				
Loan fees		325,471		481,259		481,922				
Financially related services income		9,018		11,689		11,743				
Gain on other property owned, net		92,948		76,180		126,946				
Gain (loss) on sale of premises and equipment, net		369,649		(4,298)		(1,870)				
Other noninterest income		349,691		255,858		221,690				
Total noninterest income		7,384,439		6,972,594		6,564,848				
Noninterest Expenses										
Salaries and employee benefits		11,757,792		14,785,302		13,479,629				
Directors' expense		462,176		471,429		476,498				
Purchased services		12,333,927		1,354,265		987,075				
Travel		1,279,488		865,946		817,061				
Occupancy and equipment		1,363,924		1,456,512		1,267,408				
Communications		327,971		347,228		362,926				
Advertising		882,206		936,177		842,580				
Public and member relations		1,242,430		1,143,980		1,031,700				
Supervisory and exam expense		408,114		484,476		399,621				
Insurance Fund premiums		2,135,054		2,268,342		1,611,605				
Provisions for acquired property losses		-		-		13,818				
Other noninterest expense		11,275,394		5,653,420		594,150				
Total noninterest expenses		43,468,476		29,767,077		21,884,071				
Income before income taxes		11,589,087		18,716,213		27,612,603				
Provision for (benefit from) income taxes		1,144		(24)		45,335				
NET INCOME		11,587,943		18,716,237		27,567,268				
Other comprehensive income:										
Change in postretirement benefit plans		(524,761)		(12,261)		514,910				
Other comprehensive income, net of tax		(524,761)		(12,261)		514,910				
COMPREHENSIVE INCOME	\$	11,063,182	\$	18,703,976	\$	28,082,178				

LONE STAR, ACA

## CONSOLIDATED STATEMENTS OF CHANGES IN MEMBERS' EQUITY

	Ca Pa	Capital Stock/ Participation Certificates		Additional		Retained	Earnings	Accumulated Other Comprehensive	Total Members'	
		ertificates	Pai	d-in-Capital		Allocated	Unallocated	Income (Loss)	Equity	
Balance at December 31, 2014	\$	6,366,550	\$	91,343,553	\$	7,115,406	\$ 213,132,634	\$ (1,335,657)	\$ 316,622,486	
Comprehensive income		-		-		-	27,567,268	514,910	28,082,178	
Capital stock/participation certificates issued		820,925		_		_	_	_	820,925	
Capital stock/participation certificates		020,723							020,723	
and allocated retained earnings retired		(848,355)		_		_	_	_	(848,355)	
Dividends declared		(0.0,000)		_		_	(12,847,681)	_	(12,847,681)	
Patronage dividends:							(12,017,001)		(12,017,001)	
Capital stock/participation certificates										
and allocated retained earnings		_		_		(4,115,377)	-	_	(4,115,377)	
Balance at December 31, 2015		6,339,120		91,343,553		3,000,029	227,852,221	(820,747)	327,714,176	
Comprehensive income (Restated)		-		-		-	18,716,237	(12,261)	18,703,976	
Capital stock/participation certificates										
issued		891,385		-		-	-	-	891,385	
Capital stock/participation certificates										
and allocated retained earnings retired		(798,700)		-		-	-	-	(798,700)	
Dividends declared		-		-		-	(13,900,355)	-	(13,900,355)	
Patronage dividends:										
Capital stock/participation certificates										
and allocated retained earnings		-		-		(3,000,029)			(3,000,029)	
Balance at December 31, 2016 (Restated)		6,431,805		91,343,553		-	232,668,103	(833,008)	329,610,453	
Comprehensive income		-		-		-	11,587,943	(524,761)	11,063,182	
Capital stock/participation certificates		766 705							766 705	
issued		766,785		-		-	-	-	766,785	
Capital stock/participation certificates		(911 725)							(811,725)	
and allocated retained earnings retired		(811,725)		-		-	14.057	-	` ' '	
Dividend adjustments  Balance at December 31, 2017	4	6,386,865	\$	91,343,553	\$		\$ 244,270,903	\$ (1,357,769)	\$ 340,643,552	
Darance at December 31, 2017	<u> </u>	0,300,005	Ф	71,343,333	Φ	-	φ 444,410,903	φ (1,357,709)	φ 340,043,332	

## LONE STAR, ACA

## CONSOLIDATED STATEMENTS OF CASH FLOWS

	Year Ended December 31,					
	(Restated)					
	2017		2016		2015	
Cash flows from operating activities:						
Net income	\$	11,587,943	\$	18,716,237	\$	27,567,268
Adjustments to reconcile net income to net						
cash provided by operating activities:						
Provision for loan losses or (loan loss reversal)		(630,143)		2,820,657		722,208
Net change in fair value of concessions granted		12,483,286		2,141,609		-
Gain on sale of other property owned, net		(92,949)		(76,180)		(113,128)
Depreciation		1,312,083		982,164		791,481
Amortization (accretion) of net (premiums) discounts						
in investments		(246,981)		(246,981)		(246,981)
(Gain) loss on sale of premises and equipment, net		(369,649)		4,298		1,870
Increase in accrued interest receivable		(151,794)		(747,248)		(1,193,297)
Decrease (increase) in other receivables from the Farm Credit Bank of Texas		222,241		(509,675)		650,567
(Increase) decrease in other assets		(72,323)		(64,318)		40,165
Increase in accrued interest payable		514,049		265,562		260,832
(Decrease) increase in other liabilities		(1,511,527)		1,575,431		(123,089)
Net cash provided by operating activities		23,044,236		24,861,556		28,357,896
Cash flows from investing activities:						
Increase in loans, net		(45,691,722)		(96,548,313)		(152,612,162)
Cash recoveries of loans previously charged off		692,795		515,367		516,293
Purchase of investment in the						
Farm Credit Bank of Texas		(1,559,850)		(2,721,400)		(1,672,725)
Purchases of premises and equipment		(767,451)		(927,229)		(451,210)
Proceeds from sales of premises and equipment		392,626		88,690		48,680
Proceeds from sales of other property owned		153,356		116,911		460,434
Net cash used in investing activities		(46,780,246)		(99,475,974)		(153,710,690)

## LONE STAR, ACA

## CONSOLIDATED STATEMENTS OF CASH FLOWS

	Year Ended December 31,					
	(Restated)					
		2017		2016		2015
Cook flows from flooring activities						
Cash flows from financing activities:		27.712.026		00 440 170		141 710 202
Net draws on note payable to the Farm Credit Bank of Texas		37,712,026		90,440,179		141,710,392
(Decrease) increase in drafts outstanding		(91,372)		9,796		(126,291)
Issuance of capital stock and participation certificates		766,785		891,385		820,925
Retirement of capital stock and participation		(044 = 0 = )		(500 500)		(0.40.055)
certificates		(811,725)		(798,700)		(848,355)
Patronage distributions paid		(13,809,745)		(15,923,462)		(16,220,729)
Net cash provided by financing activities		23,765,969		74,619,198		125,335,942
Net increase (decrease) in cash		29,959		4,780		(16,852)
Cash at the beginning of the year		60,478		55,698		72,550
		_				
Cash at the end of the year	\$	90,437	\$	60,478	\$	55,698
Supplemental schedule of noncash investing and financing activities:						
Loans transferred to other property owned	\$	59,904	\$	39,885	\$	269,886
Receivable from sales of other property owned	\$	-	\$	-	\$	88,000
Loans charged off	\$	1,140,054	\$	34,534	\$	209,831
Undocumented advances expensed, net	\$	(2,558,177)	\$	2,858,177	\$	-
Dividends declared	\$	-	\$	13,824,603	\$	12,847,681
Transfer of allowance for loan losses from (into)				-,- ,	·	,,-
reserve for unfunded commitments	\$	(112,348)	\$	(47,164)	\$	105,541
Supplemental cash information:						
Cash paid during the year for:						
Interest	\$	30,932,075	\$	25,964,807	\$	22,790,428

# LONE STAR, ACA NOTES TO CONSOLIDATED FINANCIAL STATEMENTS

#### NOTE 1 — ORGANIZATION AND OPERATIONS:

A. Organization: Lone Star, ACA, including its wholly-owned subsidiaries, Lone Star, PCA and Lone Star, FLCA (collectively called "the Association"), is a member-owned cooperative which provides credit and credit-related services to, or for the benefit of, eligible borrowers/stockholders for qualified agricultural purposes in the counties of Bell, Borden, Bosque, Bowie, Burnet, Camp, Cass, Cooke, Coryell, Dallas, Delta, Denton, Eastland, Ellis, Erath, Falls, Fannin, Fisher, Freestone, Grayson, Hamilton, Hill, Hood, Johnson, Kent, Lamar, Lampasas, Limestone, McLennan, Milam, Mitchell, Morris, Navarro, Nolan, Palo Pinto, Parker, Red River, Scurry, Shackelford, Somerville, Stephens, Tarrant, Taylor, Throckmorton, Titus, Williamson, Wise and Young in the state of Texas.

The Association is a lending institution of the Farm Credit System (System), a nationwide system of cooperatively owned Banks and associations that was established by Acts of Congress to meet the credit needs of American agriculture and is subject to the provisions of the Farm Credit Act of 1971, as amended (Act). At December 31, 2017, the System consisted of three Farm Credit Banks (FCBs) and their affiliated associations, one Agricultural Credit Bank (ACB) and its affiliated associations, the Federal Farm Credit Banks Funding Corporation (Funding Corporation), and various service and other organizations.

The Farm Credit Bank of Texas (Bank) and its related associations are collectively referred to as the "district." The Bank provides funding to all associations within the district and is responsible for supervising certain activities of the district associations. At December 31, 2017, the district consisted of the Bank, one FLCA and 13 ACA parent companies, which have two wholly-owned subsidiaries, an FLCA and a PCA, operating in or servicing the states of Alabama, Louisiana, Mississippi, New Mexico and Texas. ACA parent companies provide financing and related services through their FLCA and PCA subsidiaries. The FLCA makes secured long-term agricultural real estate and rural home mortgage loans. The PCA makes short- and intermediate-term loans for agricultural production or operating purposes.

The Farm Credit Administration (FCA) is delegated authority by Congress to regulate the System Banks and associations. The FCA examines the activities of System associations to ensure their compliance with the Farm Credit Act, FCA regulations, and safe and sound banking practices.

The Act established the Farm Credit System Insurance Corporation (FCSIC) to administer the Farm Credit Insurance Fund (Insurance Fund). The Insurance Fund is required to be used (1) to ensure the timely payment of principal and interest on Systemwide debt obligations, (2) to ensure the retirement of protected borrower capital at par or stated value and (3) for other specified purposes. The Insurance Fund is also available for the discretionary uses by the FCSIC of providing assistance to certain troubled System institutions and to cover the operating expenses of the FCSIC. Each System Bank has been required to pay premiums, which may be passed on to the Association, into the Insurance Fund, based on its annual average adjusted outstanding insured debt until the monies in the Insurance Fund reach the "secure base amount," which is defined in the Farm Credit Act as 2.0 percent of the aggregate insured obligations (adjusted to reflect the reduced risk on loans or investments guaranteed by federal or state governments) or other such percentage of the aggregate obligations as the FCSIC in its sole discretion determines to be actuarially sound. When the amount in the Insurance Fund exceeds the secure base amount, the FCSIC is required to reduce premiums as necessary to maintain the Insurance Fund at the 2 percent level. As required by the Farm Credit Act, as amended, the FCSIC may return excess funds above the secure base amount to System institutions.

The Association is currently operating under a Special Supervision letter issued by the Farm Credit Administration (FCA). Lone Star is cooperating and complying with the requirements of the Special Supervision letter and has not been assessed any monetary penalties by the FCA. However, there can be no assurances that future monetary penalties that would affect our financial condition will not be assessed by the FCA.

FCA regulations require borrower information to be held in strict confidence by Farm Credit institutions, their directors, officers and employees. Directors and employees of the Farm Credit institutions are prohibited, except under specified circumstances, from disclosing nonpublic personal information about members.

B. Operations: The Act sets forth the types of authorized lending activity, persons eligible to borrow and financial services that can be offered by the Association. The Association is authorized to provide, either directly or in participation with other lenders, credit, credit commitments and related services to eligible borrowers. Eligible borrowers include farmers, ranchers, producers or harvesters of aquatic products, rural residents and farm-related businesses. The Association makes and services short- and intermediate-term loans for agricultural production or operating purposes, and secured long-term real estate mortgage loans, with funding from the Bank.

The Association provides a service facilitating the origination of residential loans that are funded by other lenders as well as acting as an intermediary in offering credit life insurance.

The Association's financial condition may be affected by factors that affect the Bank. The financial condition and results of operations of the Bank may materially affect stockholders' investments in the Association. Upon request, stockholders of the Association will be provided with the Farm Credit Bank of Texas and district associations' Annual Report to Stockholders, which includes the combined financial statements of the Bank and all of the district associations. The district's annual report discusses the material aspects of the financial condition, changes in financial condition, and results of operations for the Bank and the district. In addition, the district's annual report identifies favorable and unfavorable trends, significant events, uncertainties and the impact of activities of the Insurance Fund.

The lending and financial services offered by the Bank are described in Note 1, "Organization and Operations," of the district's annual report to stockholders.

#### **NOTE 2 — RESTATEMENT:**

The accompanying consolidated financial statements include the restatement of the Association's previously filed consolidated balance sheet as of December 31, 2016, and the related consolidated statements of comprehensive income, changes in members' equity and cash flows for the year then ended to correct misstatements. For the revised quarterly results for the year ended December 31, 2016 see Note 17, "Quarterly Financial Information (Unaudited)."

The Association's 2016 restatements decreased consolidated other comprehensive income and consolidated members' equity previously reported by \$8,116,388. These additional losses were the result of the activities of a former loan officer who breached the Association's policies and procedures and engaged in improper conduct that included improperly advancing funds without appropriate approvals, offering unauthorized loan terms to borrowers, originating loans to fictitious borrowers, and originating loans and advancing funds based on fabricated documentation.

As a result of these activities, the 2016 Consolidated Financial Statements have been restated to properly reflect the following:

- A. Loan advances to fictitious borrowers were recognized as expense and related accrued interest was reversed in the applicable period.
- B. Undocumented loan advances assigned to incorrect borrower's accounts were recognized as expense and related accrued interest was reversed in the applicable period.
- C. The fair value of loan concessions granted through refinancing of a relationship or as a result of the acceptance of rates and terms previously negotiated by the former loan officer, which were more favorable than market terms or rates, were recorded. This fair value adjustment, or discount, will be accreted into income over the contractual life of the loans which ranges from 20 months to 30 years.
- D. Increase in the allowance for loan losses (through an increase in the provision for loan losses) for the additional risk quantified by management in the loan portfolio.

All 2016 financial information contained in these consolidated financial statements gives effect to this restatement. The restatement did not result in a change to total cash and cash equivalents shown in the historical consolidated financial statements.

The table below presents the impact of the restatement on the Association's consolidated balance sheet as of December 31, 2016, and the related consolidated statements of comprehensive income, changes in members' equity and cash flows for the year then ended:

	As Originally Reported 2016	Adjustment	As Restated 2016	Reference
Consolidated Balance Sheet				
Loans	\$ 1,653,166,308	\$ (4,999,786)	\$ 1,648,166,522	A, B, C
Allowance for loan losses	\$ (7,046,323)	\$ (3,025,424)	\$ (10,071,747)	D
Net loans	\$ 1,646,119,985	\$ (8,025,210)	\$ 1,638,094,775	A, B, C, D
Accrued interest income	\$ 9,260,706	\$ (91,178)	\$ 9,169,528	A, B
Total assets	\$ 1,687,049,781	\$ (8,116,388)	\$ 1,678,933,393	A, B, C, D
Unallocated retained earnings	\$ 240,784,491	\$ (8,116,388)	\$ 232,668,103	A, B, C, D
Total members' equity	\$ 337,726,841	\$ (8,116,388)	\$ 329,610,453	A, B, C, D
Total liabilities and members' equity	\$ 1,687,049,781	\$ (8,116,388)	\$ 1,678,933,393	A, B, C, D
Consolidated Statement of Comprehensive Income				
Interest Income - Loans	\$ 70,968,034	\$ (77,899)	\$ 70,890,135	A, B, C
Provision for (Reversal of) Loan Losses	\$ (204,767)	\$ 3,025,424	\$ 2,820,657	D
Net interest income after provision for losses	\$ 44,614,019	\$ (3,103,323)	\$ 41,510,696	A, B, C, D
Other noninterest expense	\$ 640,355	\$ 5,013,065	\$ 5,653,420	A, B
Total noninterest expense	\$ 24,754,012	\$ 5,013,065	\$ 29,767,077	A, B
Income before income taxes	\$ 26,832,601	\$ (8,116,388)	\$ 18,716,213	A, B, C, D
Net income	\$ 26,832,625	\$ (8,116,388)	\$ 18,716,237	A, B, C, D
Comprehensive income	\$ 26,820,364	\$ (8,116,388)	\$ 18,703,976	A, B, C, D
Consolidated Statement of Changes in Members' Equity				
Comprehensive income	\$ 26,820,364	\$ (8,116,388)	\$ 18,703,976	A, B, C, D
Consolidated Statement of Cash Flows				
Net income	\$ 26,832,625	\$ (8,116,388)	\$ 18,716,237	A, B, C, D
Provision for loan losses or (loan loss reversal)	\$ (204,767)	\$ 3,025,424	\$ 2,820,657	D
Net change in fair value of concessions granted	\$ -	\$ 2,141,609	\$ 2,141,609	C
(Increase) decrease in accrued interest receivable	\$ (838,426)	\$ 91,178	\$ (747,248)	A, B
Net cash provided by operating activities	\$ 27,719,733	\$ (2,858,177)	\$ 24,861,556	A, B
Increase in loans, net	\$ (99,406,490)	\$ 2,858,177	\$ (96,548,313)	A, B
Net cash used in investing activities	\$ (102,334,151)	\$ 2,858,177	\$ (99,475,974)	A, B

#### NOTE 3 — SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES:

The accounting and reporting policies of the Association conform to accounting principles generally accepted in the United States of America (GAAP) and prevailing practices within the banking industry. The preparation of consolidated financial statements in conformity with GAAP requires management to make estimates and assumptions that affect the amounts reported in the consolidated financial statements and accompanying notes. Significant estimates are discussed in these footnotes, as applicable. Actual results could differ from those estimates. Certain amounts in prior years' consolidated financial statements have been reclassified to conform to current financial statement presentation. The consolidated financial statements include the accounts of Lone Star, PCA and Lone Star, FLCA. All significant intercompany transactions have been eliminated in consolidation.

#### A. Recently Issued or Adopted Accounting Pronouncements:

In March 2017, the Financial Accounting Standards Board (FASB) issued guidance entitled "Improving the Presentation of Net Periodic Pension Cost and Net Periodic Postretirement Cost." The guidance requires that an employer report the service cost component in the same line item or items as other compensation costs arising from services rendered by the pertinent employees during the period. Other components are required to be presented in the income statement separately from the service cost component and outside a subtotal of income from operations, if one is presented. This guidance becomes effective for interim and annual periods beginning after December 15, 2017. The adoption of this guidance is not expected to impact the Association's financial condition but could change the classification of certain items in the results of operations.

In August 2016, the FASB issued guidance entitled "Classification of Certain Cash Receipts and Cash Payments." The guidance addresses specific cash flow issues with the objective of reducing the diversity in the classification of these cash flows. Included in the cash flow issues are debt prepayment or debt extinguishment costs and settlement of zero-coupon debt instruments or other debt instruments with coupon interest rates that are insignificant in relation to the effective interest rate of the borrowing. This guidance becomes effective for interim and annual periods beginning after December 15, 2017. The adoption of this guidance is not expected to impact the Association's financial condition or its results of operations but could change the classification of certain items in the statement of cash flows.

In June 2016, the FASB issued guidance entitled "Measurement of Credit Losses on Financial Instruments." The guidance replaces the current incurred loss impairment methodology with a methodology that reflects expected credit losses and requires consideration of a broader range of reasonable and supportable information to inform credit loss estimates. Credit losses relating to available-for-sale securities would also be recorded through an allowance for credit losses. For public business entities that are not U.S. Securities and Exchange Commission filers this guidance becomes effective for interim and annual periods beginning after December 15, 2020, with early application permitted. The Association is currently evaluating the impact of adoption on its financial condition and results of operations.

In February 2016, the FASB issued guidance entitled "Leases." The guidance requires the recognition by lessees of lease assets and lease liabilities on the balance sheet for the rights and obligations created by those leases. Leases with lease terms of more than 12 months are impacted by this guidance. This guidance becomes effective for interim and annual periods beginning after December 15, 2018, with early application permitted. The Association is currently evaluating the impact of adoption on its financial condition and results of operations. The adoption of this guidance is not expected to impact the Association's financial condition or its results of operations.

In January 2016, the FASB issued guidance entitled "Recognition and Measurement of Financial Assets and Liabilities." The guidance affects, among other things, the presentation and disclosure requirements for financial instruments. For public entities, the guidance eliminates the requirement to disclose the methods and significant assumptions used to estimate the fair value of financial instruments carried at amortized cost. This guidance becomes effective for interim and annual periods beginning after December 15, 2017. The adoption of this guidance is not expected to impact the Association's financial condition or its results of operations.

In May 2014, the FASB issued guidance entitled, "Revenue from Contracts with Customers." 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 new revenue recognition guidance. In this regard, a majority of the Association's contracts would be excluded from the scope of this new guidance. In August 2015, the FASB issued an update that defers this guidance by one year, which results in the new revenue standard becoming effective for interim and annual reporting periods beginning after December 15, 2017. The Association determined the effect was not material to its financial condition or results of operations and will not change its current recognition practices.

- B. Cash: Cash, as included in the statement of cash flows, represents cash on hand and on deposit at local banks.
- C. Loans and Allowance for Loan Losses: Long-term real estate mortgage loans generally have original maturities ranging from five to 40 years. Substantially all short- and intermediate-term loans for agricultural production or operating purposes have maturities of 10 years or less. Loans are carried at their principal amount outstanding adjusted for charge-offs and net deferred loan fees or costs. Interest on loans is accrued and credited to interest income based upon the daily principal amount outstanding. Authoritative accounting guidance requires loan origination fees and direct loan origination costs, if material, to be capitalized and the net fee or cost to be amortized over the life of the related loan as an adjustment to yield. The guidance was implemented in 2010 for loans closed in 2010 and forward, resulting in the capitalization of \$2,515,905, \$2,340,269, and \$1,941,558 for 2017, 2016, and 2015, respectively, in origination fees and \$2,636,198, \$2,105,609, and \$2,105,609 for 2017, 2016, and 2015, respectively, in origination costs, primarily salaries and benefits related to the origination of loans.

The Association has recorded amounts related to the fair value of concessions granted for certain loans related to the breach of Association policies in 2016 and 2017. The concessions granted were either through the refinancing of a relationship or as a result of acceptance of rates and terms previously negotiated, which were more favorable than market terms and rates. The fair value of the concessions are based on the expected future cash flows under the new contractual terms, discounted at a market interest rate. Concession rates and market rates ranged from 1.25 percent to 5.25 percent and 3.70 percent to 6.95 percent, respectively. The fair value of the concessions are amortized into interest income over the contractual life of the related loans. The unpaid principal balance of loans with discounts for the fair value of concessions granted were \$72,205,060, \$9,605,594, and \$0 as of December 31, 2017, 2016, and 2015, respectively. The unaccreted fair value of concessions at December 31, 2017, 2016, and 2015 were \$14,624,894, \$2,141,609, and \$0, respectively. Amounts accreted into interest income for the years ended December 31, 2017, 2016, and 2015 were \$181,820, \$13,279, and \$0, respectively.

Loans acquired in a business combination are initially recognized at fair value, and therefore, no "carryover" of the allowance for loan losses is permitted. Those loans with evidence of credit quality deterioration at purchase are required to follow the authoritative accounting guidance on "Accounting for Certain Loans or Debt Securities Acquired in a Transfer." This guidance addresses accounting for differences between contractual cash flows and cash flows expected to be collected from the initial investment in loans if those differences are attributable, at least in part, to credit quality. The initial fair values for these types of loans are determined by discounting both principal and interest cash flows expected to be collected using an observable discount rate for similar instruments with adjustments that management believes a market participant would consider in determining fair value. Subsequent decreases to expected principal cash flows will result in a charge to the provision for loan losses and a corresponding increase to allowance for loan losses. Subsequent increases in expected principal cash flows will result in recovery of any previously recorded allowance for loan losses, to the extent applicable, and a reclassification from nonaccretable difference to accretable yield for any remaining increase. For variable rate loans, expected future cash flows were initially based on the rate in effect at acquisition; expected future cash flows are recalculated as rates change over the lives of the loans.

Impaired loans are loans for which it is probable that not all principal and interest will be collected according to the contractual terms of the loan and are generally considered substandard or doubtful, which is in accordance with the loan rating model, as described below. Impaired loans include nonaccrual loans, restructured loans, and loans past due 90 days or more and still accruing interest. A loan is considered contractually past due when any principal repayment or interest payment required by the loan instrument is not received on or before the due date. A loan shall remain contractually past due until it is formally restructured or until the entire amount past due, including principal, accrued interest and penalty interest incurred as a result of past-due status, is collected or otherwise discharged in full.

Impaired loans are generally placed in nonaccrual status when principal or interest is delinquent for 90 days (unless adequately secured and in the process of collection) or circumstances indicate that collection of principal and/or interest is in doubt. Additionally, all loans over 180 days past due are placed in nonaccrual status. When a loan is placed in nonaccrual status, accrued interest deemed uncollectible is either reversed (if accrued in the current year) or charged against the allowance for loan losses (if accrued in prior years). Loans are charged off at the time they are determined to be uncollectible.

A restructured loan constitutes a troubled debt restructuring (TDR) if for economic or legal reasons related to the debtor's financial difficulties the Association grants a concession to the debtor that it would not otherwise consider. A concession is generally granted in order to minimize the Association's economic loss and avoid foreclosure. Concessions vary by program and are borrower-specific and may include interest rate reductions, term extensions, payment deferrals or the acceptance of additional collateral in lieu of payments. In limited circumstances, principal may be forgiven. A loan restructured in a troubled debt restructuring is an impaired loan.

Payments received on nonaccrual loans are generally applied to the recorded investment in the loan asset. If collection of the recorded investment in the loan is fully expected and the loan does not have a remaining unrecovered prior charge-off associated with it, the interest portion of payments is recognized as current interest income. Nonaccrual loans may be returned to accrual status when principal and interest are current, the borrower has demonstrated payment performance, there are no unrecovered prior charge-offs and collection of future payments is no longer in doubt. If previously unrecognized interest income exists at the time the loan is transferred to accrual status, cash received at the time of or subsequent to the transfer is first recorded as interest income until such time as the recorded balance equals the contractual indebtedness of the borrower.

The Bank and related associations use a two-dimensional loan rating model based on an internally generated combined system risk-rating guidance that incorporates a 14-point risk-rating scale to identify and track the probability of borrower default and a separate scale addressing loss given default over a period of time. Probability of default is the probability that a borrower will experience a default within 12 months from the date of the determination of the risk rating. A default is considered to have occurred if the lender believes the borrower will not be able to pay its obligation in full or the borrower is past due more than 90 days. The loss given default is management's estimate as to the anticipated economic loss on a specific loan, assuming default has occurred or is expected to occur within the next 12 months.

Each of the probability of default categories carries a distinct percentage of default probability. The 14-point risk-rating scale provides for granularity of the probability of default, especially in the acceptable ratings. There are nine acceptable categories that range from a borrower of the highest quality to a borrower of minimally acceptable quality. The probability of default between 1 and 9 is very narrow and would reflect almost no default to a minimal default percentage. The probability of default grows more rapidly as a loan moves from a "9" to other assets especially mentioned (OAEM) and grows significantly as a loan moves to a substandard (viable) level. A substandard (nonviable) rating indicates that the probability of default is almost certain.

The credit risk-rating methodology is a key component of the Association's allowance for loan losses evaluation, and is generally incorporated into its loan underwriting standards and internal lending limit. The allowance for loan losses is maintained at a level considered adequate by management to provide for probable losses inherent in the loan portfolio.

The allowance is based on a periodic evaluation of the loan portfolio by management in which numerous factors are considered, including agricultural economy, loan portfolio composition, collateral value, management's process for classification of risk of the loans within the portfolio and the portfolio's prior loss experience. The allowance for loan losses encompasses various judgments, evaluations and appraisals with respect to the loans and their underlying security that, by their nature, contain elements of uncertainty and imprecision. Changes in the agricultural economy and their impact on borrower repayment capacity will cause these various judgments, evaluations and appraisals to change over time. Accordingly, actual circumstances could vary significantly from the institutions' expectations and predictions of those circumstances. The allowance for loan losses process is supported by loan portfolio stress testing, which simulates stress in the current portfolio and the correlating allowance that would be needed.

The allowance for loan losses includes components for loans individually evaluated for impairment and loans collectively evaluated for impairment. Generally, for loans individually evaluated the allowance for loan losses represents the difference between the recorded investment in the loan and the present value of the cash flows expected to be collected discounted at the loan's effective interest rate, or at the fair value of the collateral, less estimated costs to sell, if the loan is collateral-dependent. For those loans collectively evaluated for impairment, the allowance for loan losses is determined using the risk-rating model.

- D. Capital Stock Investment in the Farm Credit Bank of Texas: The Association's investment in the Bank is in the form of Class A voting capital stock and allocated retained earnings. This investment is adjusted periodically based on the Association's proportional utilization of the Bank compared to other district Associations. The Bank requires a minimum stock investment of 2 percent of the Association's average borrowing from the Bank. This investment is carried at cost plus allocated equities in the accompanying consolidated balance sheet.
  - If needed to meet regulatory capital adequacy requirements, the board of directors of the Bank may increase the percentage of stock held by an Association from 2 percent of the average outstanding balance of borrowings from the Bank to a maximum of 5 percent of the average outstanding balance of borrowings from the Bank.
- E. Other Property Owned, Net: Other property owned, net, consists of real and personal property acquired through foreclosure or deed in lieu of foreclosure, and is recorded at fair value less estimated selling costs upon acquisition. Any initial reduction in the carrying amount of a loan to the fair value of the collateral received is charged to the allowance for loan losses. On at least an annual basis, revised estimates to the fair value less cost to sell are reported as adjustments to the carrying amount of the asset, provided that such adjusted value is not in excess of the carrying amount at acquisition. Income and expenses from operations and carrying value adjustments are included in net gains (losses) on other property owned in the statements of comprehensive income.

- F. Premises and Equipment: Premises and equipment are carried at cost less accumulated depreciation. Land is carried at cost. Depreciation is provided on the straight-line method using estimated useful lives of the assets. Gains and losses on dispositions are reflected in current operations. Maintenance and repairs are charged to operating expense, and improvements are capitalized.
- G. Advance Conditional Payments: The Association is authorized under the Act to accept advance payments from borrowers. To the extent that the borrower's access to such funds is restricted, the advance conditional payments are netted against the borrower's related loan balance. Amounts in excess of the related loan balance and amounts to which the borrower has unrestricted access are presented as liabilities in the accompanying consolidated balance sheet. Advance conditional payments are not insured. Interest is generally paid by the Association on such accounts at rates established by the board of directors.
- H. Employee Benefit Plans: Employees of the Association participate in either the district defined benefit retirement plan (DB Plan) or the defined contribution plan (DC Plan). All eligible employees may participate in the Farm Credit Benefits Alliance 401(k) Plan. The DB Plan is closed to new participants. Participants generally include employees hired prior to January 1, 1996. The DB Plan is noncontributory and provides benefits based on salary and years of service. The "projected unit credit" actuarial method is used for financial reporting and funding purposes for the DB Plan.

Participants in the DC plan generally include employees who elected to transfer from the DB plan prior to January 1, 1996, and employees hired on or after January 1, 1996. Participants in the DC plan direct the placement of their employers' contributions, 5.0 percent of eligible pay for the years ended December 31, 2017, 2016, and 2015, respectively, made on their behalf into various investment alternatives.

The structure of the district's DB plan is characterized as multi-employer, since neither the assets, liabilities nor costs of the plan are segregated or separately accounted for by the associations. No portion of any surplus assets is available to the associations, nor are the associations required to pay for plan liabilities upon withdrawal from the plans. As a result, the associations recognize as pension cost the required contribution to the plans for the year. Contributions due and unpaid are recognized as a liability. The Association recognized pension costs for the DC plan of \$561,602, \$513,843, and \$478,084 for the years ended December 31, 2017, 2016, and 2015, respectively. For the DB plan, the Association recognized pension costs of \$1,156,528, \$625,890, and \$575,340 for the years ended December 31, 2017, 2016, and 2015, respectively.

The Association also participates in the Farm Credit Benefits Alliance 401(k) Plan, which requires the associations to match 100 percent of employee contributions up to 3.0 percent of eligible earnings and to match 50 percent of employee contributions for the next 2.0 percent of employee contributions, up to a maximum employer contribution of 4.0 percent of eligible earnings. Association 401(k) plan costs are expensed as incurred. The Association's contributions to the 401(k) plan were \$464,538, \$440,950, and \$419,357 for the years ended December 31, 2017, 2016, and 2015, respectively.

In addition to pension benefits, the Association provides certain health care and life insurance benefits to qualifying retired employees (other postretirement benefits). These benefits are not characterized as multi-employer and, consequently, the liability for these benefits is included in other liabilities. In 2004, the district discontinued its multi-employer health and welfare plan, which provided substantially all employees with health care, life insurance, and postretirement benefits during their working lives and after retirement if they reach a normal retirement age and met the years of service criteria while working for the Association. At that time, the Association adopted a new plan to provide the same benefits to its retirees and employees. Under the new plan, the Association no longer participates in the joint and several liability with any other entities, which was intrinsic to the multi-employer plan. For employers providing these benefits outside of a multi-employer plan, FASB guidance, "Employers Accounting for Postretirement Benefits Other than Pensions," requires the liability for the contractual obligation of these benefits to be recognized as employees render the services necessary to earn the benefits. Accordingly, in December 2004, the Association recognized as an expense the unfunded liability for these postretirement benefits. Since that time, the net periodic expense for these benefits has been accrued in accordance with this guidance.

I. Income Taxes: The ACA holding company conducts its business activities through two wholly-owned subsidiaries. Long-term mortgage lending activities are operated through the wholly-owned FLCA subsidiary, which is exempt from federal and state income tax. Short- and intermediate-term lending activities are operated through the wholly-owned PCA subsidiary. Operating expenses are allocated to each subsidiary based on estimated relative service. All significant transactions between the subsidiaries and the parent company have been eliminated in consolidation. The ACA, along with the PCA subsidiary, is subject to income tax. The Association is eligible to operate as a cooperative that qualifies for tax treatment under Subchapter T of the Internal Revenue Code. Accordingly, under specified conditions, the Association can exclude from taxable income amounts distributed as qualified patronage refunds in the form of cash, stock or allocated retained earnings. Provisions for income taxes are made only on those earnings that will not be distributed as qualified patronage refunds. Deferred taxes are provided on the Association's taxable income on the basis of a proportionate share of the tax effect of temporary differences not allocated in patronage form. A valuation allowance is provided against deferred tax assets to the extent that it is more likely than not (over 50 percent probability), based on management's estimate, that they will not be realized. The consideration of valuation allowances involves various estimates and assumptions as to future taxable earnings, including the effects of the Association's expected patronage program, which reduces taxable earnings.

New U.S. tax laws resulting from legislation commonly known as the Tax Cuts and Jobs Acts of 2017 (TCJA) were enacted in late 2017. Among other things, the TCJA changed the federal corporate tax rate from 35 percent to 21 percent. FLCA subsidiaries are exempt from federal and state income tax; however, the change in the federal corporate tax rate will have a financial statement impact for year-end 2017 on ACAs and PCA subsidiaries that will require the revaluation of any deferred taxes (assets or liabilities) in the year of enactment (2017). This will result in either a tax expense or tax benefit to the consolidated income statement.

- J. Patronage Refunds From the Farm Credit Bank of Texas: The Association records patronage refunds from the Bank on an accrual basis.
- K. Fair Value Measurement: The FASB guidance defines fair value, establishes a framework for measuring fair value and expands disclosures about fair value measurements. It describes three levels of inputs that may be used to measure fair value:

Level 1 — Quoted prices in active markets for identical assets or liabilities that the reporting entity has the ability to access at the measurement date. Level 1 assets and liabilities include debt and equity securities and derivative contracts that are traded in an active exchange market, as well as certain U.S. Treasury, other U.S. government and agency mortgage-backed debt securities that are highly liquid and are actively traded in over-the-counter markets. Also included in Level 1 are assets held in trust funds, which relate to deferred compensation and our supplemental retirement plan. The trust funds include investments that are actively traded and have quoted net asset values that are observable in the marketplace. Pension plan assets that are invested in equity securities, including mutual funds and fixed-income securities that are actively traded, are also included in Level 1.

Level 2 — Observable inputs other than quoted prices included within Level 1 that are observable for the asset or liability either directly or indirectly. Level 2 inputs include the following: (a) quoted prices for similar assets or liabilities in active markets; (b) quoted prices for identical or similar assets or liabilities in markets that are not active so that they are traded less frequently than exchange-traded instruments, the prices are not current or principal market information is not released publicly; (c) inputs other than quoted prices that are observable such as interest rates and yield curves, prepayment speeds, credit risks and default rates; and (d) inputs derived principally from or corroborated by observable market data by correlation or other means. This category generally includes certain U.S. government and agency mortgage-backed debt securities, corporate debt securities, and derivative contracts. Pension plan assets that are derived from observable inputs, including corporate bonds and mortgage-backed securities, are reported in Level 2.

Level 3 — Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities are considered Level 3. These unobservable inputs reflect the reporting entity's own assumptions about assumptions that market participants would use in pricing the asset or liability. Level 3 assets and liabilities include financial instruments whose value is determined using pricing models, discounted cash flow methodologies or similar techniques, as well as instruments for which the determination of fair value requires significant management judgment or estimation. This category generally includes certain private equity investments, retained residual interests in securitizations, asset-backed securities, highly structured or long-term derivative contracts, certain loans and other property owned. Pension plan assets such as certain mortgage-backed securities that are supported by little or no market data in determining the fair value are included in Level 3.

The fair value disclosures are presented in Note 15, "Fair Value Measurements."

L. Off-balance-sheet credit exposures: Commitments to extend credit are agreements to lend to customers, generally having fixed expiration dates or other termination clauses that may require payment of a fee. Commercial letters of credit are conditional commitments issued to guarantee the performance of a customer to a third party. These letters of credit are issued to facilitate commerce and typically result in the commitment being funded when the underlying transaction is consummated between the customer and third party. The credit risk associated with commitments to extend credit and commercial letters of credit is essentially the same as that involved with extending loans to customers and is subject to normal credit policies. Collateral may be obtained based on management's assessment of the customer's creditworthiness. The Association's exposure in off balance-balance-sheet credit exposures is further disclosed in Note 16, "Commitments and Contingencies."

## **NOTE 4 — INVESTMENTS:**

The Association may hold mission-related and other investments. The Farm Credit Administration approves mission-related programs and other mission-related investments. The following is a summary of mission-related and other investments that are held to maturity:

During 2010, the Association exchanged loans totaling \$59,626,146 for Federal Agricultural Mortgage Corporation (Farmer Mac) guaranteed mortgage-backed securities (AMBS). The loans were previously covered under the Long-Term Standby Commitment to Purchase Agreements with Farmer Mac. No gain or loss was recognized in the financial statements upon completion of the exchange transactions.

Effective January 26, 2012, the Bank purchased Lone Star's securitized Farmer Mac Agricultural Mortgage Backed Securities (AMBS) investments. The purchase of \$35,459,508 included outstanding principal and accrued interest as of that date. There was no gain or loss recognized by the Association on this transaction. The Association will continue to service the underlying loans that were included in this security. Also, for 2012 there was no effect to Lone Star's income based on this transaction as the Bank was able to pay the Association a patronage equivalent to the net interest that it would have earned on the AMBS investment. The amount of patronage received in 2017, 2016, and 2015 was \$291,772, \$315,464, and \$367,320, respectively. However, for future years, the Bank's payment of patronage is at the discretion of the Bank's board of directors. The remaining balance of the AMBS investment at December 31, 2017 was \$9,536,391.

## NOTE 5 — LOANS AND ALLOWANCE FOR LOAN LOSSES:

A summary of loans as of December 31 follows:

Energy

Total

Water and waste water

Rural residential real estate

2017 2016 2015 Loan Type Amount Amount % Amount % Real estate mortgage \$ 1,349,434,350 \$ 1,298,984,481 \$ 1,203,918,222 77.5% 80.4% 78.8%Production and 106,690,588 7.8% intermediate term 6.3% 128,286,514 127,913,676 8.2%Agribusiness: Loans to cooperatives 14,281,948 0.8% 14,557,951 0.9% 5,281,321 0.3% Processing and marketing 127,788,252 7.6% 117,989,550 7.2% 114,463,149 7.4% Farm-related business 0.9% 15,113,769 13,514,114 0.8% 17,751,374 1.1% Communication 8,729,168 0.5% 8,068,303 0.5% 5,627,078 0.4%

2.5%

0.2%

0.8%

100.0%

41,992,131

3,357,911

13,684,485

\$ 1,681,072,602

(Restated)

45,294,868

6,398,890

15,071,851

\$ 1,648,166,522

2.7%

0.4%

0.9%

100.0%

52,821,315

5,505,528

19,860,013

\$ 1,553,141,676

3.4%

0.4%

1.3%

100.0%

The Association may purchase or sell participation interests with other parties in order to diversify risk, manage loan volume and comply with Farm Credit Administration regulations. The following table presents information regarding participations purchased and sold as of December 31, 2017:

	Other Farm Credit Institutions		Non-Farm Cred	lit Institutions	Total			
	Participations	Participations	Participations	Participations	Participations	Participations Sold		
	Purchased	Sold	Purchased	Sold	Purchased			
Real estate mortgage	\$ 9,426,783	\$ 9,653,120	\$ -	\$ -	\$ 9,426,783	\$ 9,653,120		
Production and intermediate term	41,118,953	-	-	-	41,118,953	-		
Agribusiness	141,824,965	-	-	-	141,824,965	-		
Communication	8,729,168	-	-	-	8,729,168	-		
Energy	41,992,131	-	-	-	41,992,131	-		
Water and waste water	1,948,983		1,408,928		3,357,911			
Total	\$ 245,040,983	\$ 9,653,120	\$ 1,408,928	\$ -	\$ 246,449,911	\$ 9,653,120		

Loan volume by office or geographic location as of December 31 follows:

	(Restated)								
Branch	2017	2016	2015						
Capital Markets	14.3%	14.6%	15.5%						
Waco	11.4%	11.1%	11.3%						
Sherman	10.0%	16.6%	15.2%						
Denton	9.4%	8.4%	7.9%						
Special Assets *	7.2%	0.0%	0.0%						
Stephenville	7.5%	8.4%	9.6%						
Georgetown **	6.4%	6.5%	6.2%						
Lampasas	5.2%	5.0%	4.6%						
Cleburne	4.5%	4.6%	4.5%						
New Boston	4.2%	4.4%	4.1%						
Abilene	3.9%	3.8%	3.7%						
Corsicana	3.8%	3.9%	4.7%						
Paris	3.4%	3.9%	3.8%						
Hillsboro	3.1%	3.4%	3.9%						
Fort Worth	2.2%	1.5%	1.1%						
Sweetwater	1.6%	1.7%	1.8%						
Weatherford	1.6%	1.3%	1.2%						
Participations Purchased	0.3%	0.9%	0.9%						
Totals	100.0%	100.0%	100.0%						

<sup>\*</sup> The Special Assets branch was created in 2017 to allow for enhanced monitoring of certain loans impacted by the breach of Assoication polices in 2016 and 2017 by a former loan officer.

<sup>\*\*</sup> Georgetown opened in 2017 and reflects the Association's Temple and Round Rock branches for 2016 and 2015, which were closed and consolidated into Georgetown.

The Association's concentration of credit risk in various agricultural commodities is shown in the following table. While the amounts represent the Association's maximum potential credit risk as it relates to recorded loan principal, a substantial portion of the Association's lending activities is collateralized, and the Association's exposure to credit loss associated with lending activities is reduced accordingly. An estimate of the Association's credit risk exposure is considered in the determination of the allowance for loan losses.

	2017		2016		2015				
Operation/Commodity	Amount	%	Amount	%		Amount	%		
Livestock, except dairy and poultry	\$ 1,101,048,462	65.3%	1,076,010,202	65.2%	\$	999,228,903	64.2%		
General farms, primarily crops	85,575,058	5.1%	73,502,904	4.5%		66,316,370	4.3%		
Hunting, trapping and game propagation	82,129,518	4.9%	81,984,893	5.0%		76,089,750	4.9%		
Food and kindred products	54,761,360	3.3%	51,321,395	3.1%		39,724,072	2.6%		
Field crops except cash grains	50,141,634	3.0%	51,883,595	3.1%		50,718,878	3.3%		
Wholesale trade - nondurable goods	46,124,943	2.7%	42,285,626	2.6%		41,214,224	2.7%		
Electric services	43,539,326	2.6%	49,402,615	3.0%		54,432,499	3.5%		
Timber	41,205,011	2.5%	46,902,035	2.8%		48,870,010	3.1%		
Animal specialties	40,759,563	2.4%	34,778,819	2.1%		25,272,242	1.6%		
Cash grains	36,402,506	2.2%	39,873,707	2.4%		43,563,588	2.8%		
Paper and allied products	21,218,202	1.3%	24,461,913	1.5%		24,800,730	1.6%		
Rural home loans	14,781,720	0.9%	16,158,786	1.0%		20,854,124	1.3%		
Chemical and allied products	11,810,966	0.7%	4,365,662	0.3%		7,038,904	0.5%		
Farm and garden machinery equipment	9,004,305	0.5%	6,941,461	0.4%		7,483,965	0.5%		
Dairy farms	8,807,249	0.5%	10,041,091	0.6%		10,887,699	0.7%		
Communication	8,729,168	0.5%	8,068,303	0.5%		5,627,078	0.4%		
Other	7,885,029	0.5%	12,554,858	0.8%		13,316,240	0.9%		
Agricultural services	6,528,539	0.4%	6,220,609	0.4%		6,725,582	0.4%		
Poultry and eggs	2,818,637	0.2%	3,066,838	0.2%		3,045,934	0.2%		
Fruit and tree nuts	2,649,676	0.2%	2,449,647	0.1%		1,718,191	0.1%		
Horticultural specialties	2,394,123	0.1%	3,627,955	0.2%		4,192,103	0.3%		
Real estate	1,570,653	0.1%	1,186,164	0.1%		_	0.0%		
General farms, primarily livestock	1,065,704	0.1%	917,629	0.1%		982,954	0.1%		
Fish hatcheries and preserves	121,245	0.0%	131,620	0.0%		141,201	0.0%		
Public warehousing and storage	5	0.0%	-	0.0%		569,651	0.0%		
Vegetables and melons	-	0.0%	28,195	0.0%		30,699	0.0%		
Lumber and wood products, except furniture	-	0.0%	-	0.0%		295,138	0.0%		
Building materials, hardware and garden supplies		0.0%	<u> </u>	0.0%		947	0.0%		
Total	\$ 1,681,072,602	100.0%	\$ 1,648,166,522	100.0%	\$ 1	1,553,141,676	100.0%		

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

To mitigate the risk of loan losses, the Association has obtained loan guarantees in the form of standby commitments to purchase qualifying loans from Farmer Mac through an arrangement with the Bank. The agreements, which will remain in place until the loans are paid in full, give the Association the right to sell the loans identified in the agreements to Farmer Mac in the event of defaults (typically four months past due), subject to certain conditions. At December 31, 2017, 2016, and 2015, loans totaling \$436,232, \$480,178, and \$523,062, respectively, were guaranteed by these commitments. Fees paid for these guarantees totaled \$1,483, \$1,624, and \$1,746 in 2017, 2016, and 2015, respectively, and are included in "other noninterest expense."

Nonperforming assets (including related accrued interest) and related credit quality statistics are as follows:

	De	ecember 31,	De	ecember 31,	De	ecember 31,
	2017			2016		2015
Nonaccrual loans:		_				_
Real estate mortgage	\$	3,893,283	\$	3,202,364	\$	6,213,342
Production and intermediate term		1,511,642		2,117,316		21,576
Rural residential real estate		228,181		887,983		151,752
Total nonaccrual loans	5,633,106			6,207,663		6,386,670
Accruing restructured loans:						
Real estate mortgage		3,078,911		3,106,032		35,213
Production and intermediate term		1,458,427		-		4,629
Total accruing restructured loans		4,537,338		3,106,032		39,842
Total nonperforming loans		10,170,444		9,313,695		6,426,512
Other property owned				_		78,518
Total nonperforming assets	\$	10,170,444	\$	9,313,695	\$	6,505,030

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

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

The following table shows loans and related accrued interest classified under the Farm Credit Administration's Uniform Loan Classification System as a percentage of total loans and related accrued interest receivable by loan type as of December 31:

Real estate mortgage         2017         2016         2015           Acceptable         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         100%         100%         100%           Production and intermediate term         86%         85%         100%           Acceptable         86%         85%         100%           CAEM         11%         5%         0%           Substandard/doubtful         3%         10%         0%           Loans to cooperatives         40%         0%         0%           Acceptable         100%         100%         100%           OAEM         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         97%         97%           OAEM         0%         0%         0%           OAEM         0%         0%			(Restated)	
Acceptable		2017	2016	2015
Action         4%         3%         2%           Substandard/doubtful         10%         100%         100%           Production and intermediate term         86%         85%         100%           Acceptable         86%         85%         100%           OAEM         11%         5%         0%           Substandard/doubtful         3%         10%         0%           Loans to cooperatives         0%         0%         0%           Acceptable         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Processing and marketing         0%         0%         0%           Acceptable         100%         77%         97%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         5%           Caceptable         93%         93%         94%           OAEM         0%         0%         5%           Substandard/doubtful         0%         0%         5%           Caceptable         100%         100%         10%           O	Real estate mortgage			
Production and intermediate term	Acceptable	95%	94%	97%
Production and intermediate term	OAEM	4%	3%	2%
Production and intermediate term   Acceptable   86%   85%   100%   50	Substandard/doubtful	1%	3%	1%
Acceptable         86%         85%         100%           OAEM         111%         5%         0%           Substandard/doubtful         100%         100%         100%           Loans to cooperatives		100%	100%	100%
OAEM         11%         5%         0%           Substandard/doubtful         3%         10%         0%           Loans to cooperatives         100%         100%         100%           Acceptable         100%         0%         0%         0%           OAEM         0%         0%         0%         0%           Substandard/doubtful         0%         0%         0%         0%           Processing and marketing         40%         97%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%         94%	Production and intermediate term			
Substandard/doubtful   100%	Acceptable	86%	85%	100%
100%   100%	OAEM	11%	5%	0%
	Substandard/doubtful	3%	10%	0%
Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Processing and marketing		100%	100%	100%
OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Processing and marketing         ************************************	Loans to cooperatives			
No.   No.	Acceptable	100%	100%	100%
Processing and marketing	OAEM	0%	0%	0%
Processing and marketing	Substandard/doubtful	0%	0%	0%
Acceptable		100%	100%	100%
Acceptable	Processing and marketing			
OAEM         0%         3%         3%           Substandard/doubtful         0%         0%         0%           Farm-related business         Farm-related business           Acceptable         93%         93%         94%           OAEM         0%         0%         5%           Substandard/doubtful         7%         7%         1%           Communication         Acceptable         100%         100%         81%           OAEM         0%         0%         0%         19%           Substandard/doubtful         0%         0%         19%           Energy         Acceptable         98%         98%         100%           Acceptable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         4         0%         0%         0%           Acceptable         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0%         0% </td <td></td> <td>100%</td> <td>97%</td> <td>97%</td>		100%	97%	97%
Substandard/doubtful         0%         0%         0%           Farm-related business         Acceptable         93%         93%         94%           OAEM         0%         0%         5%           Substandard/doubtful         7%         7%         1%           Communication         100%         100%         10%           Acceptable         100%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         10%           Energy         100%         100%         10%           Acceptable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         0%         0%         0%           OAEM <td< td=""><td>=</td><td></td><td></td><td></td></td<>	=			
Farm-related business         100%         100%           Acceptable         93%         93%         94%           OAEM         0%         0%         5%           Substandard/doubtful         7%         7%         1%           Substandard/doubtful         100%         100%         100%           Communication         100%         100%         81%           Acceptable         10%         0%         0%           OAEM         0%         0%         10%           Substandard/doubtful         0%         0%         10%           Acceptable         98%         98%         10%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         100%         100%         100%           Acceptable         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Acceptable         95%         91%         93%           OAEM         1				
Parm-related business	<del></del>		-	
Acceptable         93%         93%         94%           OAEM         0%         0%         5%           Substandard/doubtful         7%         7%         1%           100%         100%         100%         100%           Communication         100%         100%         81%           Acceptable         0%         0%         0%           OAEM         0%         0%         19%           Substandard/doubtful         0%         0%         10%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Substandard/doubtful         0%         0%         0%           OAEM         100%         100%         10%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         4         0%         9           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         <	Farm-related business		10070	10070
OAEM         0%         0%         5%           Substandard/doubtful         7%         7%         1%           Communication         Total Loans           Acceptable         100%         100%         81%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         19%           Energy         2         2%         0%           Acceptable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         4         2%         0%         0%           OAEM         0%		93%	93%	94%
Substandard/doubtful         7%         7%         1%           Communication         100%         100%         81%           Acceptable         100%         100%         81%           OAEM         0%         0%         19%           Substandard/doubtful         0%         0%         19%           Energy         100%         100%         100%           Acceptable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         4         0%         0%           Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         8         91%         93%           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           OAEM         10%         100%         100%           Total Loans<	=			
Communication         100%         100%         100%           Acceptable         100%         100%         81%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         19%           Energy         100%         100%         100%           Acceptable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         4         0%         0%           Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         4         0%         10%           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4         8%         6%           Acceptable         95%         94%         97%           OAEM         <				
Communication	Substandard/doubtrui			
Acceptable	Communication	100 / 0	10070	10070
OAEM Substandard/doubtful         0% 0% 0% 19% 19% 19% 100% 100% 100% 100%		1000/	100%	Q 1 0/
Substandard/doubtful         0%         0%         19%           100%         100%         100%           Energy         Secretable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         4cceptable         100%         100%         100%           OAEM         0%         0%         0%         0%           Substandard/doubtful         0%         0%         0%         0%           Rural residential real estate         4cceptable         95%         91%         93%           OAEM         1%         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4cceptable         95%         94%         97%           OAEM         4%         3%         2%           OAEM         4%         3%         2%           Substandard/doubtful         4%         3%         2%           OAEM         4%         3%         2%           Substandard/doubtful         4%         3%         2%     <	=			
Total Loans   Case				
Energy	Substandard/doubtrui		-	
Acceptable         98%         98%         100%           OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water           Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4%         8%         97%           OAEM         4%         3%         2%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         2%	T.	100%	100%	100%
OAEM         2%         2%         0%           Substandard/doubtful         0%         0%         0%           Water and waste water         100%         100%         100%           Acceptable         100%         0%         0%         0%           OAEM         0%         0%         0%         0%         0%           Substandard/doubtful         0%         0         0%		000/	000/	1000/
Substandard/doubtful         0%         0%         0%           Water and waste water         100%         100%         100%           Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         40%         100%         100%           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4         8%         97%           OAEM         4%         3%         2%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         2%           Substandard/doubtful         1%         3%         1%	=			
Water and waste water         100%         100%         100%           Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         30%         100%         100%           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4cceptable         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         4%         3%         2%           Substandard/doubtful         1%         3%         1%				
Water and waste water         100%         100%         100%           Acceptable         0%         0%         0%           OAEM         0%         0%         0%           Substandard/doubtful         0%         100%         100%           Rural residential real estate         Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4         3%         2%           OAEM         4%         3%         2%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%	Substandard/doubtful			
Acceptable         100%         100%         100%           OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4         100%         97%           OAEM         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%		100%	100%	100%
OAEM         0%         0%         0%           Substandard/doubtful         0%         0%         0%           Rural residential real estate         100%         100%         100%           Rural residential real estate         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           Total Loans         4cceptable         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%				
Substandard/doubtful         0%         0%         0%           Rural residential real estate         100%         100%         100%           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           100%         100%         100%         100%           Total Loans         Acceptable         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%	=			
Rural residential real estate         100%         100%           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           100%         100%         100%           Total Loans         8         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%				
Rural residential real estate           Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           100%         100%         100%         100%           Total Loans         8         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%	Substandard/doubtful	0%	0%	0%
Acceptable         95%         91%         93%           OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           100%         100%         100%           Total Loans         8         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%		100%	100%	100%
OAEM         1%         1%         1%           Substandard/doubtful         4%         8%         6%           100%         100%         100%           Total Loans         8         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%				
Substandard/doubtful         4%         8%         6%           100%         100%         100%         100%           Total Loans         8         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%				
Total Loans         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%	OAEM		1%	1%
Total Loans           Acceptable         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%	Substandard/doubtful	4%	8%	6%
Acceptable         95%         94%         97%           OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%		100%	100%	100%
OAEM         4%         3%         2%           Substandard/doubtful         1%         3%         1%	Total Loans			
Substandard/doubtful         1%         3%         1%	Acceptable	95%	94%	97%
	OAEM	4%	3%	2%
<b>100%</b> 100% 100%	Substandard/doubtful	1%	3%	1%
		100%	100%	100%

The following tables provide an age analysis of past due loans (including accrued interest) as of December 31, 2017, 2016 (Restated), and 2015:

December 31, 2017:		30-89 Days Past Due		90 Days or More Past Due		Total Past Due		lot Past Due or less than 30 Days Past Due	Total Loans
Real estate mortgage	\$	2,631,648	\$	846,122	\$	3,477,770	\$	1,354,146,638	\$1,357,624,408
Production and intermediate term	Ψ	131,182		1,302,507	Ψ	1,433,689	Ψ	105,968,882	107,402,571
Loans to cooperatives				-		-		14,295,656	14,295,656
Processing and marketing		_		_		_		127,947,843	127,947,843
Farm-related business		_		_		_		15,154,992	15,154,992
Communication		-		_		_		8,731,512	8,731,512
Energy		-		_		_		42,156,596	42,156,596
Water and waste water		-		_		_		3,362,464	3,362,464
Rural residential real estate		209,009		92,443		301,452		13,416,430	13,717,882
Total	\$	2,971,839	\$	2,241,072	\$	5,212,911	\$	1,685,181,013	\$1,690,393,924
		_,,	-	_,,,		-,,	-	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	+ =,0.2 0,0.2 0,2 = 2
December 31, 2016 (Restated):		30-89		90 Days		Total	N	Not Past Due or	
		Days		or More		Past		less than 30	Total
		Past Due		Past Due		Due		Days Past Due	Loans
Real estate mortgage	\$	964,121	\$	517,454	\$	1,481,575	\$	1,305,400,443	\$1,306,882,018
Production and intermediate term		1,177,454		110,821		1,288,275		127,851,130	129,139,405
Loans to cooperatives		-		-		-		14,576,489	14,576,489
Processing and marketing		-		-		-		118,138,963	118,138,963
Farm-related business		-		-		-		13,549,986	13,549,986
Communication		-		-		-		8,069,218	8,069,218
Energy		-		-		-		45,468,243	45,468,243
Water and waste water		-		-		-		6,406,716	6,406,716
Rural residential real estate		43,803		701,898		745,701		14,359,311	15,105,012
Total	\$	2,185,378	\$	1,330,173	\$	3,515,551	\$	1,653,820,499	\$1,657,336,050
December 31, 2015:		30-89		90 Days		Total		Not Past Due or	
December 31, 2013.				or More		Past	1	less than 30	Total
		Days							
Deal actata mantana	\$	Past Due	\$	Past Due	\$	Due 066 246	\$	Days Past Due	Loans
Real estate mortgage	Э	580,298	3	385,948	<b>3</b>	966,246	3	1,210,322,703	\$1,211,288,949
Production and intermediate term		1,004		20,628		21,632		128,556,293	128,577,925
Loans to cooperatives		-		-		-		5,297,043	5,297,043
Processing and marketing		-		-		-		114,554,886	114,554,886
Farm-related business		-		-		-		17,798,766	17,798,766
Communication		-		-		-		5,628,201	5,628,201
Energy		-		-		-		52,990,544	52,990,544
Water and waste water		-		-		-		5,509,822	5,509,822
Rural residential real estate	Φ.	831,640	•	106.555	Φ.	831,640	Φ.	19,086,180	19,917,820
Total	\$	1,412,942	\$	406,576	\$	1,819,518	\$	1,559,744,438	\$1,561,563,956

**Troubled Debt Restructuring**: A restructuring of a debt constitutes a troubled debt restructuring if the creditor for economic or legal reasons related to the debtor's financial difficulties grants a concession to the debtor that it would not otherwise consider. Troubled debt restructurings are undertaken in order to improve the likelihood of recovery on the loan and may include, but are not limited to, forgiveness of principal or interest, interest rate reductions that are lower than the current market rate for new debt with similar risk, or significant term or payment extensions.

As of December 31, 2017, the total recorded investment of troubled debt restructured loans was \$5,005,934 including \$468,596 classified as nonaccrual and \$4,537,338 classified as accrual, with specific allowance for loan losses of \$73,800. As of December 31, 2017, commitments to lend funds to borrowers whose loan terms have been modified in a troubled debt restructuring were \$0.

The following tables present additional information regarding troubled debt restructurings, which includes both accrual and nonaccrual loans with troubled debt restructuring designation, that occurred during the years ended December 31, 2017, 2016, and 2015. The pre-modification outstanding recorded investment represents the recorded investment of the loans as of the quarter end prior to the restructuring. The post-modification outstanding recorded investment represents the recorded investment of the loans as of the quarter end the restructuring occurred.

December 31, 2017:		ication Outstanding ded Investment	Post-modification Outstanding Recorded Investment				
Troubled debt restructurings: Production and intermediate term Total	\$ \$	2,212,160 2,212,160	<u>\$</u>	1,708,217 1,708,217			
December 31, 2016:		fication Outstanding rded Investment	Post-modification Outstanding Recorded Investment				
Troubled debt restructurings:							
Real estate mortgage	\$	86,863	\$	85,388			
Total	\$	86,863	\$	85,388			
December 31, 2015:		fication Outstanding rded Investment		fication Outstanding ded Investment			
Troubled debt restructurings:	•						
Real estate mortgage	\$	221,473	\$	218,845			
Total	\$	221,473	\$	218,845			

In restructurings where principal is forgiven, the amount of the forgiveness is immediately charged off. In restructurings where accrued interest is forgiven, the interest is reversed (if current year interest) or charged off (if prior year interest). Charge-offs recorded at the modification date were \$0 for the year ending December 31, 2017.

The predominate form of concession granted for troubled debt restructuring includes a delay in the repayment of principal. At times these terms might be offset with incremental payments, collateral or new borrower guarantees, in which case the Association assesses all of the modified terms to determine if the overall modification qualifies as a troubled debt restructuring.

The following table presents information regarding loans that met the accounting criteria as a troubled debt restructuring and that occurred within the previous 12 months of that year and for which there was a payment default during the period. A payment default is defined as a payment that is 30 days past due after the date the loan was restructured.

Troubled debt restructurings that	Recorde	d Investment	Record	ded Investment	Recorded Investment					
subsequently defaulted:	at Decen	nber 31, 2017	at Dece	mber 31, 2016	at Dece	ember 31, 2015				
Real estate mortgage	\$	-	\$	88,140	\$	-				
Total	\$ -			88,140	\$ -					

There were no additional commitments to lend to borrowers whose loans have been modified in TDRs at December 31, 2017, 2016, or 2015.

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

			Loans M	Modified as TDRs		
	De	ecember 31, 2017	De	ecember 31, 2016	D	ecember 31, 2015
Troubled debt restructurings:						
Real estate mortgage	\$	3,297,717	\$	3,358,316	\$	4,123,426
Production and intermediate term		1,708,217		-		4,629
Total	<u>\$</u>	5,005,934	\$	3,358,316	\$	4,128,055
			TDRs on I	Nonaccrual Status*		
	De	ecember 31,	De	ecember 31,	D	ecember 31,
		2017		2016		2015
Troubled debt restructurings:						
Real estate mortgage	\$	218,806	\$	252,284	\$	4,088,213
Production and intermediate term		249,790				
Total	\$	468,596	\$	252,284	\$	4,088,213

<sup>\*</sup> Represents the portion of loans modified as TDRs that are in nonaccrual status

Additional impaired loan information is as follows:

	Recorded Investment at					Related	Average Impaired	Interest Income			
		12/31/2017		Balance <sup>a</sup>		llowance	Loans	Recognized			
Impaired loans with a related											
allowance for credit losses:											
Real estate mortgage	\$	160,483	\$	214,343	\$	46,363	\$ 453,368	\$	6,764		
Production and intermediate term		797,585		1,465,175		302,611	1,052,600		4,431		
Farm-related business		-		-		-	-		-		
Rural residential real estate		-		-		-	182,890		-		
Total	\$	958,068	\$	1,679,518	\$	348,974	\$ 1,688,858	\$	11,195		
Impaired loans with no related											
allowance for credit losses:											
Real estate mortgage	\$	6,811,711	\$	6,810,197	\$	-	\$ 7,249,520	\$	1,131,234		
Production and intermediate term		2,172,484		2,797,932		-	976,216		26,502		
Farm-related business		-		-		-	-		18,851		
Rural residential real estate		228,181		228,377		-	534,306		35,798		
Total	\$	9,212,376	\$	9,836,506	\$	-	\$ 8,760,042	\$	1,212,385		
Total impaired loans:											
Real estate mortgage	\$	6,972,194	\$	7,024,540	\$	46,363	\$ 7,702,888	\$	1,137,998		
Production and intermediate term		2,970,069		4,263,107		302,611	2,028,816		30,933		
Farm-related business		-		-		-	-		18,851		
Rural residential real estate		228,181		228,377		-	717,196		35,798		
Total	\$	10,170,444	\$	11,516,024	\$	348,974	\$ 10,448,900	\$	1,223,580		

	Recorded Investment at			Unpaid Principal		Related		Average Impaired	Interest Income		
	1	2/31/2016		Balance <sup>a</sup>	Α	llowance		Loans	Re	ecognized	
Impaired loans with a related							-		-		
allowance for credit losses:											
Real estate mortgage	\$	559,032	\$	559,032	\$	21,683	\$	325,567	\$	1,946	
Production and intermediate term		997,749		997,749		327,955		73,298		18,370	
Farm-related business		-		-		-		-		-	
Energy and water/waste water		-		-		-		-		-	
Rural residential real estate		-		-		-		109,025		-	
Total	\$	1,556,781	\$	1,556,781	\$	349,638	\$	507,890	\$	20,316	
Impaired loans with no related											
allowance for credit losses:											
Real estate mortgage	\$	5,749,364	\$	5,746,870	\$	-	\$	5,983,951	\$	306,029	
Production and intermediate term		1,119,567		1,450,405		-		228,306		61,573	
Farm-related business		-		-		-		-		9,574	
Energy and water/waste water		-		-		-		-		-	
Rural residential real estate		887,983		888,177		-		537,837		2,559	
Total	\$	7,756,914	\$	8,085,452	\$	-	\$	6,750,094	\$	379,735	
Total impaired loans:											
Real estate mortgage	\$	6,308,396	\$	6,305,902	\$	21,683	\$	6,309,518	\$	307,975	
Production and intermediate term		2,117,316		2,448,154		327,955		301,604		79,943	
Farm-related business		-		-		-		-		9,574	
Energy and water/waste water		-		-		-		-		-	
Rural residential real estate		887,983		888,177		-		646,862		2,559	
Total	\$	9,313,695	\$	9,642,233	\$	349,638	\$	7,257,984	\$	400,051	
	Recorded Investment at			**						<b>.</b>	
	In			Unpaid Principal Balance <sup>a</sup>		Related Ilowance		Average Impaired Loans		Interest Income ecognized	
Impaired loans with a related	In	vestment at		Principal				Impaired		Income	
Impaired loans with a related allowance for credit losses:	In	vestment at		Principal				Impaired		Income	
-	In	vestment at	\$	Principal			\$	Impaired		Income	
allowance for credit losses: Real estate mortgage Production and intermediate term	In 1	vestment at 2/31/2015	\$	Principal Balance <sup>a</sup>	A	llowance	\$	Impaired Loans	Re	Income ecognized	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business	In 1	vestment at 2/31/2015	\$	Principal Balance <sup>a</sup>	A	llowance	\$	Impaired Loans 3,786,562	Re	Income ecognized	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water	In 1	vestment at 2/31/2015	\$	Principal Balance <sup>a</sup>	A	llowance	\$	Impaired Loans 3,786,562	Re	Income ecognized	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate	In 1	158,029 - - -	·	Principal Balance <sup>a</sup> 158,029	<u>A</u>	40,866 - - -		Impaired Loans 3,786,562 32,924 - -		541	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total	In 1	vestment at 2/31/2015	\$	Principal Balance <sup>a</sup>	A	llowance	\$	Impaired Loans 3,786,562	Re	Income ecognized	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related	In 1	158,029 - - -	·	Principal Balance <sup>a</sup> 158,029	<u>A</u>	40,866 - - -		Impaired Loans 3,786,562 32,924 - -		541	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses:	\$ \$	158,029 - - - - 158,029	\$	Principal Balance <sup>a</sup> 158,029  158,029	\$ \$	40,866 - - -	\$	Impaired Loans  3,786,562 32,924		541 - - - - 541	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage	In 1	158,029 - - - 158,029 - - - - - - - - - - - - - - - - - - -	·	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062	<u>A</u>	40,866 - - -		Impaired Loans  3,786,562 32,924 3,819,486  3,505,031		541 541 27,273	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term	\$ \$	158,029 - - - - 158,029	\$	Principal Balance <sup>a</sup> 158,029  158,029	\$ \$	40,866 - - -	\$	3,786,562 32,924 - - 3,819,486 3,505,031 68,337		541 541 27,273 288	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business	\$ \$	158,029 - - - 158,029 - - - - - - - - - - - - - - - - - - -	\$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 -	\$ \$	40,866 - - -	\$	Impaired Loans  3,786,562 32,924 3,819,486  3,505,031		541 541 27,273	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water	\$ \$	158,029	\$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959	\$ \$	40,866 - - -	\$	3,786,562 32,924 - - - 3,819,486 3,505,031 68,337 8,186 -		541 541 27,273 288	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate	\$ \$	158,029	\$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946	\$ \$	40,866 - - -	\$	3,786,562 32,924 3,819,486  3,505,031 68,337 8,186 - 155,843		541 541 27,273 288 9,438	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total	\$ \$	158,029	\$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959	\$ \$	40,866 - - -	\$	3,786,562 32,924 - - - 3,819,486 3,505,031 68,337 8,186 -		541 541 27,273 288	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Total impaired loans:	\$ \$	158,029	\$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946	\$ \$	40,866 - - -	\$	Impaired Loans  3,786,562 32,924		541 541 27,273 288 9,438	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total	\$ \$ \$	158,029	\$ \$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946 8,464,384	\$ \$ \$	40,866 - - - - 40,866	\$ \$	3,786,562 32,924 3,819,486  3,505,031 68,337 8,186 - 155,843	\$ \$	541 541  27,273 288 9,438 36,999	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Total impaired loans: Real estate mortgage	\$ \$ \$	158,029	\$ \$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946 8,464,384  6,345,091	\$ \$ \$	40,866 - - - - 40,866	\$ \$	Impaired Loans  3,786,562 32,924	\$ \$	541 541  27,273 288 9,438 36,999  27,814	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Total impaired loans: Real estate mortgage Production and intermediate term	\$ \$ \$	158,029	\$ \$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946 8,464,384  6,345,091	\$ \$ \$	40,866 - - - - 40,866	\$ \$	Impaired Loans  3,786,562 32,924	\$ \$	541	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Total impaired loans: Real estate mortgage Production and intermediate term Farm-related business	\$ \$ \$	158,029	\$ \$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946 8,464,384  6,345,091 418,417	\$ \$ \$	40,866 - - - - 40,866	\$ \$	Impaired Loans  3,786,562 32,924	\$ \$	541	
allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Impaired loans with no related allowance for credit losses: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water Rural residential real estate Total Total impaired loans: Real estate mortgage Production and intermediate term Farm-related business Energy and water/waste water	\$ \$ \$	158,029	\$ \$	Principal Balance <sup>a</sup> 158,029  158,029  6,187,062 418,417 - 1,706,959 151,946 8,464,384  6,345,091 418,417 - 1,706,959	\$ \$ \$	40,866 - - - - 40,866	\$ \$	Impaired Loans  3,786,562 32,924	\$ \$	541	

<sup>&</sup>lt;sup>a</sup> Unpaid principal balance represents the recorded principal balance of the loan.

There were no material commitments to lend additional funds to debtors whose loans were classified as impaired at December 31, 2017, 2016, or 2015.

Interest income on nonaccrual and accruing restructured loans that would have been recognized under the original terms of the loans at December 31:

	(Restated)											
		2017		2016		2015						
Interest income which would have been recognized		_		_		_						
under the original terms	\$	1,701,063	\$	1,099,102	\$	771,047						
Less: interest income recognized		(1,223,580)		(400,051)		(37,540)						
Foregone interest income	\$	477,483	\$	699,051	\$	733,507						

A summary of the changes in the allowance for credit losses and the ending balance of loans outstanding are as follows:

		Real Estate Mortgage		roduction and Intermediate Term		Agribusiness	business Communication			Energy		Water and Waste Water		Rural Residential Real Estate		Total
Allowance for Credit Losses:																
Balance at																
December 31, 2016 (Restated)	¢	7,306,321	\$	1,966,085	\$	584,077	\$	14,320	\$	66,634	\$	71,447	\$	62,863	\$	10,071,747
Charge-offs	Ф	(115,533)	Ф	(724,521)	φ	364,077	Ф	14,320	Ф	00,034	Ф	71,447	Ф	02,803	Ф	(840,054)
Recoveries		19,232		124,887		548,676		-		-		-		-		692,795
Provision for loan losses		(436,986)		279,316		(609,933)		470		(27,180)		65,947		98,223		(630,143)
Other		2,645		(135,412)		8,031		788		(628)		12,228		76,223		(112,348)
Balance at		2,043		(133,412)		0,031		700		(020)		12,220				(112,540)
December 31, 2017	\$	6,775,679	\$	1,510,355	\$	530,851	\$	15,578	\$	38,826	\$	149,622	\$	161,086	\$	9,181,997
Ending Balance: individually evaluated for	\$	46,363	\$	302,611	\$		s		s		\$		¢		\$	348,974
impairment		40,303		302,011	<u> </u>		3	<del></del>	<u> </u>		-3					348,974
Ending Balance: collectively evaluated for																
impairment	\$	6,729,316	\$	1,207,744	\$	530,851	\$	15,578	\$	38,826	\$	149,622	\$	161,086	\$	8,833,023
mparment	Ψ	0,727,310	Ψ_	1,207,744	Ψ.	330,631	Ψ	13,378	Ψ	30,020	Ψ	147,022	Ψ	101,000	Ψ	0,033,023
Recorded Investment in Loans Outstanding: Ending Balance at December 31, 2017	\$ 1	,357,624,407	_\$_	107,402,571	\$	157,398,491	\$	8,731,512	\$	42,156,596	\$	3,362,464	\$	13,717,883	\$ 1	,690,393,924
Ending balance for loans																
individually evaluated for impairment	s	6,950,507	\$	2,970,069	\$		\$		s		s		\$	228,182	\$	10,148,758
Ending balance for loans	Ψ	0,250,507	Ψ.	2,770,007	Ψ		Ψ		Ψ		Ψ		Ψ_	220,102	Ψ	10,140,750
collectively evaluated for impairment	\$ 1	,350,652,214	\$	104,432,502	\$	157,398,491	\$	8,731,512	s	42,156,596	\$	3,362,464	s	13,489,701	\$ 1	,680,223,480
Ending balance for loans acquired with deteriorated		,,		,.2,002		,0,171		-,1,012		,,		-,2,101		,,,,,,,,		,,==,,100
credit quality	\$	21,686	\$	-	\$		\$	-	\$	-	\$	-	\$	-	\$	21,686

	Real Estate Mortgage		roduction and Intermediate Term		Agribusiness	Cor	nmunication		Energy		Water and Waste Water		Rural Residential Real Estate		Total
Allowance for Credit Losses:	Wildingage	_	ICIII		agnousmess		imuncation		Lifergy		water	·	Real Estate		Total
Balance at December 31, 2015 Charge-offs Recoveries Provision for loan losses Other	\$ 5,884,916 (34,534) 2,769 1,452,132 1,038	\$	299,660 - 82,919 1,600,584 (17,078)	\$	285,442 - 429,679 (111,630) (19,414)	\$	88,173 - - (75,315) 1,462	\$	94,434 - - (41,802) 14,002	\$	6,262 - - 92,755 (27,570)	\$	158,534 - - (96,067) 396	<b>*</b> \$	6,817,421 (34,534) 515,367 2,820,657 (47,164)
Balance at December 31, 2016 (Restated)	\$ 7,306,321	\$	1,966,085	\$	584,077	\$	14,320	\$	66,634	\$	71,447	\$	62,863	\$	10,071,747
Ending Balance: individually evaluated for impairment Ending Balance: collectively evaluated for	\$ 21,683	\$_	327,955	\$		\$		\$	<u>-</u>	\$		\$		\$	349,638
impairment	\$ 7,284,638	\$	1,638,130	\$	584,077	\$	14,320	\$	66,634	\$	71,447	\$	62,863	\$	9,722,109
Recorded Investment in Loans Outstanding: Ending Balance at December 31, 2016 (Restated) Ending balance for loans	\$ 1,306,882,018		129,139,405	\$	146,265,438	\$	8,069,218	\$	45,468,243	\$	6,406,716	\$	15,105,012	\$ 1	,657,336,050
individually evaluated for impairment Ending balance for loans	\$ 6,087,438	\$	2,107,540	\$	<u> </u>	\$		\$	<u>-</u>	\$	-	\$	887,983	\$	9,082,961
collectively evaluated for impairment Ending balance for loans	\$ 1,300,573,622	\$_	127,022,089	\$	146,265,438	_\$	8,069,218	\$	45,468,243	\$	6,406,716	\$	14,217,029	\$ 1	,648,022,355
acquired with deteriorated credit quality	\$ 220,958		9,776	\$		\$		\$		\$		\$		\$	230,734
	Real Estate		roduction and Intermediate		A aribucinace	Cor	nmunication		Energy		Water and Waste		Rural Residential		Total
Allowance for Credit Losses:	Real Estate Mortgage				Agribusiness	Con	nmunication		Energy						Total
Losses: Balance at December 31, 2014 Charge-offs Recoveries Provision for loan losses	\$ 5,026,771 (209,831) 66,085 1,001,327	\$	218,384 - 67,858 (40,252)	\$	164,934 - 378,872 (286,423)	<u>Cor</u>	26,522 - - 59,587	\$	95,258 - (23,531)	\$	Waste Water 1,392 - - 5,997		Residential Real Estate 149,949 - 3,478 5,503	\$	5,683,210 (209,831) 516,293 722,208
Losses: Balance at December 31, 2014 Charge-offs Recoveries	\$ 5,026,771 (209,831) 66,085	\$	218,384 - 67,858		164,934 - 378,872		26,522	\$ 	95,258		Waste Water		Residential Real Estate  149,949 - 3,478	\$	5,683,210 (209,831) 516,293
Losses: Balance at December 31, 2014 Charge-offs Recoveries Provision for loan losses Other Balance at December 31, 2015  Ending Balance: individually evaluated for impairment	\$ 5,026,771 (209,831) 66,085 1,001,327 564	\$ \$	218,384 - 67,858 (40,252) 53,670	\$	164,934 - 378,872 (286,423) 28,059	\$	26,522 - - 59,587 2,064		95,258 - (23,531) 22,707	\$	Waste Water 1,392 - - - 5,997 (1,127)	\$	Residential Real Estate  149,949		5,683,210 (209,831) 516,293 722,208 105,541
Losses: Balance at December 31, 2014 Charge-offs Recoveries Provision for loan losses Other Balance at December 31, 2015 Ending Balance: individually evaluated for	\$ 5,026,771 (209,831) 66,085 1,001,327 564	\$ \$	218,384 - 67,858 (40,252) 53,670	\$	164,934 - 378,872 (286,423) 28,059	\$	26,522 - - 59,587 2,064		95,258 - (23,531) 22,707	\$	Waste Water 1,392 - - - 5,997 (1,127)	\$	Residential Real Estate  149,949		5,683,210 (209,831) 516,293 722,208 105,541 6,817,421
Balance at December 31, 2014 Charge-offs Recoveries Provision for loan losses Other Balance at December 31, 2015 Ending Balance: individually evaluated for impairment Ending Balance: collectively evaluated for	\$ 5,026,771 (209,831) 66,085 1,001,327 564 \$ 5,884,916	\$ \$ \$	218,384 	\$ \$	164,934 - 378,872 (286,423) 28,059 285,442	\$	26,522 - - 59,587 2,064 88,173	\$	95,258 - (23,531) 22,707 94,434	\$	Naste Water 1,392 5,997 (1,127) 6,262	\$	Residential Real Estate  149,949 3,478 5,503 (396)  158,534	\$ \$	5,683,210 (209,831) 516,293 722,208 105,541 6,817,421
Losses: Balance at December 31, 2014 Charge-offs Recoveries Provision for loan losses Other Balance at December 31, 2015 Ending Balance: individually evaluated for impairment Recorded Investment in Loans Outstanding: Ending Balance at December 31, 2015 Ending Balance individually evaluated for impairment	\$ 5,026,771 (209,831) 66,085 1,001,327 564 \$ 5,884,916 \$ \$ 40,866 \$ 5,844,050	\$ \$ \$ \$ \$	218,384 	\$ \$	164,934 - 378,872 (286,423) 28,059 285,442	\$ \$	26,522 - - 59,587 2,064 88,173	\$	95,258 - (23,531) 22,707 94,434	\$ \$ \$	1,392 5,997 (1,127) - 6,262	\$ \$	Residential Real Estate  149,949 3,478 5,503 (396)  158,534	\$ \$	5,683,210 (209,831) 516,293 722,208 105,541 6,817,421 40,866
Losses: Balance at December 31, 2014 Charge-offs Recoveries Provision for loan losses Other Balance at December 31, 2015 Ending Balance: individually evaluated for impairment Ending Balance: collectively evaluated for impairment  Recorded Investment in Loans Outstanding: Ending Balance at December 31, 2015 Ending Balance for loans individually evaluated for	\$ 5,026,771 (209,831) 66,085 1,001,327 564 \$ 5,884,916 \$ 40,866 \$ 5,844,050	s s s s s s s s	128,384 - 67,858 (40,252) 53,670 299,660	\$ \$ \$ \$	164,934 - 378,872 (286,423) 28,059 285,442	\$ \$ \$	26,522 - - 59,587 2,064 88,173	\$ \$	95,258 - (23,531) 22,707 94,434	\$ \$ \$	1,392 5,997 (1,127) - 6,262	\$ \$	Residential Real Estate  149,949 3,478 5,503 (396)  158,534	\$ \$ \$1	5,683,210 (209,831) 516,293 722,208 105,541 6,817,421 40,866 6,776,555

## NOTE 6 — INVESTMENT IN THE FARM CREDIT BANK OF TEXAS:

The Association operates under a General Financing Agreement (GFA) with the Bank. The current GFA is effective through September 30, 2018. The investment in the Farm Credit Bank of Texas is a requirement of borrowing from the Bank and is carried at cost plus allocated equities, not fair value, in the accompanying balance sheet. Estimating the fair value of the Association's investment in the Farm Credit Bank of Texas is not practicable because the stock is not traded. The Association owns 9.15 percent of the issued stock of the Bank as of December 31, 2017. As of that date, the Bank's assets totaled \$22.8 billion and members' equity totaled \$1.7 billion. The Bank's earnings were \$196 million during 2017.

# NOTE 7 — PREMISES AND EQUIPMENT:

Premises and equipment consisted of the following at December 31:

	2017		2016	 2015
Land and improvements	\$	564,498	\$ 564,498	\$ 564,498
Building and improvements		3,017,034	2,988,283	2,860,167
Furniture and equipment		413,835	422,231	441,972
Computer equipment and software		853,568	741,465	580,251
Automobiles		1,489,962	 1,216,796	 1,162,135
		6,338,897	5,933,273	5,609,023
Accumulated depreciation		(3,503,317)	 (2,772,915)	 (2,526,790)
Total	\$	2,835,580	\$ 3,160,358	\$ 3,082,233

The Association leases office space in Abilene, Fort Worth, Round Rock, Sherman, Temple and Weatherford. Lease expense was \$505,998, \$521,035, and \$520,030 for 2017, 2016, and 2015, respectively. Minimum annual lease payments for the next five years are as follows:

	 Operating
2018	\$ 572,374
2019	471,594
2020	471,594
2021	387,562
2022	 62,941
	\$ 1,966,065

# NOTE 8 — OTHER PROPERTY OWNED, NET:

Net gain (loss) on other property owned, net consists of the following for the years ended December 31:

	2017		2016		2015
Gain (loss) on sale, net	\$	93,452	\$	77,026	\$ 169,146
Operating income (expense), net		(504)		(846)	(42,200)
Net gain (loss) on other property owned	\$	92,948	\$	76,180	\$ 126,946

# NOTE 9 — OTHER ASSETS AND OTHER LIABILITIES:

Other assets comprised the following at December 31:

	2017		2016	2015	
Accounts receivable (other than members) - Other	\$ 772,517	\$	737,373	\$	710,407
Other assets - Other	 188,954		151,775		114,423
Total	\$ 961,471	\$	889,148	\$	824,830

Other liabilities comprised the following at December 31:

	2017			2016	2015
Accounts payable - Total	\$	5,349,996	\$	6,763,089	\$ 5,380,423
Accumulated postretirement obligation		5,453,355		4,754,167	4,573,751
Funds held/advanced conditional payments		26,185		64,684	8,773
Other liabilities		894,368		1,016,382	1,000,519
Total	\$	11,723,904	\$	12,598,322	\$ 10,963,466

#### NOTE 10 — NOTE PAYABLE TO THE BANK:

The interest rate risk inherent in the Association's loan portfolio is substantially mitigated through the funding relationship with the Bank. The Bank manages interest rate risk through its direct loan pricing and asset/liability management process. The Association's indebtedness to the Bank represents borrowings by the Association to fund the majority of its loan portfolio. The indebtedness is collateralized by a pledge of substantially all of the Association's assets, and is governed by a GFA. The interest rate on the direct loan is based upon the Bank's cost of funding the loans the Association has outstanding to its borrowers. The indebtedness continues in effect until the expiration date of the GFA, which is September 30, 2018, unless terminated sooner by the Bank upon the occurrence of an event of default, or by the Association, in the event of a breach of this agreement by the Bank, upon giving the Bank 30 calendar days' prior written notice, or in all other circumstances, upon giving the Bank 120 days' prior written notice.

The total amount and the weighted average interest rate of the Association's direct loan from the Bank at December 31, 2017, 2016, and 2015, was \$1,358,683,640 at 2.38 percent, \$1,320,377,658 at 2.03 percent, and \$1,229,343,523 at 1.90 percent, respectively.

Under the Act, the Association is obligated to borrow only from the Bank unless the Bank approves borrowing from other funding sources. The Bank and FCA regulations have established limitations on the Association's ability to borrow funds based on specified factors or formulas relating primarily to credit quality and financial condition. At December 31, 2017, 2016, and 2015, the Association's note payable was within the specified limitations. The maximum amount the Association may borrow from the Bank as of December 31, 2017, was \$1,607,205,736, as defined by the GFA.

In addition to borrowing limits, the GFA establishes certain covenants including limits on leases, investments, other debt and dividend and patronage distributions; minimum standards for return on assets and for liquidity; and maintaining records, reporting financial information and establishing policies and procedures. Remedies specified in the GFA associated with the covenants include additional reporting requirements, development of action plans, reduction of lending limits or repayment of indebtedness, and increases in interest rates on indebtedness. On August 28, 2017 the Association received a "Notice of Default of General Financing Agreement" from the Bank. The default was due to the Association's nonperformance as it relates to financial reporting. Additionally, the Association was subject to development of action plans for remediation of the Associations material weaknesses noted in the Report on Internal Controls Over Financial Reporting. The Association was granted a Waiver of Default of the GFA. The Bank granted the waiver with conditions that the restated financials for fiscal years 2016 and 2017 were provided no later than May 31, 2018. The Association has been able to meet the documented requirements of the waiver.

During the preparation of the 2017 and restated 2016 financial statements, the Association became aware of a financial performance covenant violation of its GFA with the Bank. Specifically, the ROA was revealed to fall below the 1.0 percent required level. The Association sought and received a temporary waiver of this violation, and expects to achieve compliance with this GFA covenant as of the end of the second quarter of 2018.

# **NOTE 11 — MEMBERS' EQUITY:**

A description of the Association's capitalization requirements, protection mechanisms, regulatory capitalization requirements and restrictions, and equities are provided below.

Protection of certain borrower equity is provided under the Act that requires the Association, when retiring protected borrower equity, to retire such equity at par or stated value regardless of its book value. Protected borrower equity includes capital stock, participation certificates and allocated equities that were outstanding as of January 6, 1988, or were issued or allocated prior to October 6, 1988. If an Association is unable to retire protected borrower equity at par value or stated value, amounts required to retire this equity would be obtained from the Insurance Fund.

In accordance with the Act and the Association's capitalization bylaws, each borrower is required to invest in the Association as a condition of borrowing. The investment in Class B capital stock (for farm loans), or participation certificates (for rural home loans) is equal to 2 percent of the loan amount, up to a maximum amount of \$1,000. The borrower acquires ownership of the capital stock or participation certificates at the time the loan is made, usually by adding the aggregate par value of the capital stock or participation certificates to the principal amount of the related loan obligation. The capital stock or participation certificates are subject to a first lien by the Association. Retirement of such equities will generally be at the lower of par or book value, and repayment of a loan does not automatically result in retirement of the corresponding capital stock or participation certificates.

If needed to meet regulatory capital adequacy requirements, the board of directors of the Association may increase the percentage of stock requirement for each borrower up to a maximum of 10 percent of the loan amount.

Each owner of Class B capital stock is entitled to a single vote, while participation certificates provide no voting rights to their owners.

Within two years of repayment of a loan, the Association capital bylaws require the conversion of any borrower's outstanding Class B to Class A stock. Class A stock has no voting rights except in a case where a new issuance of preferred stock has been submitted to stockholders affected by the preference. Redemption of Class A shares is made solely at the discretion of the Association's board of directors. At December 31, 2017, 2016 and 2015, the Association had 600, 0, and 0, respectively, Class A stock issued and outstanding.

All borrower stock is at-risk. As such, losses that result in impairment of capital stock or participation certificates shall be borne on a pro rata basis by all holders of Class A capital stock, Class B capital stock and participation certificates. In the event of liquidation of the Association, capital stock and participation certificates would be utilized as necessary to satisfy any remaining obligations in excess of the amounts realized on the sale or liquidation of assets. Any excess of the amounts realized on the sale or liquidation of assets over the Association's obligations to external parties and to the Bank would be distributed to the Association's stockholders.

Dividends and patronage distributions may be paid on the capital stock and participation certificates of the Association, as the board of directors may determine by resolution, subject to capitalization requirements as defined by the FCA. Amounts not distributed are retained as unallocated retained earnings. The following dividends and patronage distributions were declared and paid as follows:

Date Declared	Date Paid	Patronage			
December 2016	March 2017	\$	13,824,603		
October 2016	November 2016	\$	3,000,029		
December 2015	March 2016	\$	12,923,433		
October 2015	November 2015	\$	4,115,377		
December 2014	April 2015	\$	12,105,352		

As a result of the merger, the Association recognized \$91,343,553 in additional paid-in capital (APIC). The APIC represents the excess value received over the par value of capital stock and participation certificates issued and arose from the issuance of the Association's capital stock and participation certificates in connection with the acquisition of Texas Land Bank, ACA.

The FCA sets minimum regulatory capital requirements for banks and associations. Effective January 1, 2017, new regulatory capital requirements for banks and associations were adopted. These new requirements replaced the core surplus and total surplus requirements with common equity tier 1, tier 1, and total capital (tier 1 plus tier 2) risk-based capital ratio requirements. The new requirements also replaced the existing net collateral ratio for System banks with a tier 1 leverage ratio and Unallocated Retained Earnings (URE) and URE Equivalents Leverage ratio that are applicable to both the banks and associations. The permanent capital ratio continues to remain in effect; however, the risk-adjusted assets are calculated differently than in the past. As of December 31, 2017, the Association is not prohibited from retiring stock or distributing earnings.

The following sets forth the regulatory capital ratio requirements and ratios at December 31, 2017:

	Regulatory	Conservation		As of
	Minimums	Buffers*	Total	December 31, 2017
Risk-adjusted:				
Common equity tier 1 ratio	4.50%	2.50% *	7.00%	18.0%
Tier 1 capital ratio	6.00%	2.50% *	8.50%	18.0%
Total capital ratio	8.00%	2.50% *	10.50%	18.5%
Permanent capital ratio	7.00%	0.00%	7.00%	18.1%
Non-risk-adjusted:				
Tier 1 leverage ratio**	4.00%	1.00%	5.00%	18.9%
UREE leverage ratio	1.50%	0.00%	1.50%	20.0%

<sup>\*</sup>The 2.5% capital conservation buffer for the risk-adjusted ratios will be phased in over a three-year period ending on December 31, 2019. There is no phase-in of the leverage buffer.

Risk-adjusted assets have been defined by FCA regulation as the Statement of Condition assets and off balance-sheet commitments adjusted by various percentages, depending on the level of risk inherent in the various types of assets. The primary changes which generally have the impact of increasing risk-adjusted assets (decreasing risk-based regulatory capital ratios) were as follows:

- Inclusion of off-balance-sheet commitments less than 14 months
- Increased risk-weighting of most loans 90 days past due or in nonaccrual status

Risk-adjusted assets is calculated differently for the permanent capital ratio compared to the other risk-based capital ratios. The primary difference is the deduction of the allowance for loan losses from risk-adjusted assets for the permanent capital ratio.

The ratios are based on a three-month average daily balance in accordance with FCA regulations and are calculated as follows:

- Common equity tier 1 ratios is statutory minimum purchased borrower stock, other required borrower stock held for a minimum of 7 years, allocated equities held for a minimum of 7 years or not subject to revolvement, unallocated retained earnings, paid-in capital, less certain regulatory required deductions including the amount of allocated investments in other System institutions, as the amount of purchased investments in other System institutions under the corresponding deduction approach, divided by average risk-adjusted assets.
- Tier 1 capital ratio is common equity tier 1 plus non-cumulative perpetual preferred stock, divided by average risk-adjusted assets.
- Total capital is tier 1 capital plus other required borrower stock held for a minimum of 5 years, allocated equities held for a minimum of 5 years, subordinated debt and limited-life preferred stock greater than 5 years to maturity at issuance subject to certain limitations, allowance and reserve for credit losses under certain limitations less certain investments in other System institutions under the corresponding deduction approach, divided by average risk-adjusted assets.
- Permanent capital ratio is all at-risk borrower stock, any allocated excess stock, unallocated retained earnings, paidin capital, subordinated debt and preferred stock subject to certain limitations, less certain allocated and purchased investments in other System institutions, divided by risk-adjusted assets.
- Tier 1 leverage ratio is tier 1 capital, including regulatory deductions, divided by average assets less regulatory deductions subject to tier 1 capital.
- UREE leverage ratio is unallocated retained earnings, paid-in capital, allocated surplus not subject to revolvement less certain regulatory required deductions including the amount of allocated investments in other System institutions divided by average assets less regulatory deductions subject to tier 1 capital.

<sup>\*\*</sup>Must include the regulatory minimum requirement for the URE and UREE Leverage ratio

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

At December 31, the Association had the following shares of Class A capital stock, Class B stock and participation certificates outstanding at a par value of \$5 per share:

	2017	2016	2015
Class A stock	600	-	-
Class B stock	1,223,949	1,230,121	1,206,129
Participation certificates	52,824	56,240	61,695
Total	1,277,373	1,286,361	1,267,824

An additional component of equity is accumulated other comprehensive loss (AOCL), which is reported net of taxes. As of December 31, 2017, 2016, and 2015, the balance of AOCL represented net actuarial gains and prior service credits related to other postretirement benefits of \$1,357,769, \$833,008, and \$820,747, respectively.

#### NOTE 12 — INCOME TAXES:

The enactment of federal tax legislation in late December 2017, among other things, lowered the federal corporate tax rate from 35 percent to 21 percent beginning in 2018. In accordance with GAAP, the change to the lower corporate tax rate led to a revaluation of our deferred tax liabilities and deferred tax assets in the period of enactment (2017). The provision for income taxes in 2017 was mainly due to a decrease in deferred tax assets with a corresponding valuation allowance resulting from the enactment of this federal tax legislation. As the Association has a full valuation allowance recorded against its deferred tax assets, there is no impact to income tax expense as a result of the revaluation. The calculation of tax assets involves various management estimates and assumptions as to the future taxable earnings, including the following December 31, 2017. The expected future tax rates are based upon enacted tax laws.

The provision for (benefit from) income taxes follows for the years ended December 31:

	(Restated) 2017 2016					2015		
Current:								
Federal		-	\$		\$			
Total current		-						
Deferred:								
Federal		1,144		(24)		45,335		
Total deferred		1,144		(24)		45,335		
Total provision for (benefit from) income taxes	\$	1,144	\$	(24)	\$	45,335		

The provision for (benefit from) income tax differs from the amount of income tax determined by applying the applicable U.S. statutory federal income tax rate to pretax income as follows for the years ended December 31:

	(Restated)					
	2017		2016			2015
Federal tax at statutory rate	\$	4,056,180	\$	6,550,677	\$	9,665,863
Effect of nontaxable FLCA subsidiary		(4,382,263)		(8,381,555)		(9,796,467)
Change in valuation allowance		(5,799,941)		1,774,463		172,207
Change in effective tax rate		6,127,168		52,310		3,732
Other				4,081		
Provision for (benefit from) income taxes	\$	1,144	\$	(24)	\$	45,335

Deferred tax assets and liabilities in accordance with accounting guidance, "Accounting for Income Taxes," are comprised of the following at December 31:

	,			(Restated) 2016	2015	
Deferred Tax Assets						
Allowance for loan losses	\$	340,941	\$	593,727	\$ 60,110	
Loss carryforwards		9,632,440		15,179,595	13,934,670	
Other					4,079	
Gross deferred tax assets		9,973,381		15,773,322	13,998,859	
Deferred tax asset valuation allowance		(9,973,381)		(15,773,322)	 (13,998,859)	
Deferred Tax Liabilities						
Other		(90,700)		(89,556)	(89,580)	
Gross deferred tax liabilities		(90,700)		(89,556)	(89,580)	
Net deferred tax asset (liability)	\$	(90,700)	\$	(89,556)	\$ (89,580)	

The Association recorded valuation allowances of \$9,973,381, \$15,773,322, and \$13,998,859 during 2017, 2016 (Restated), and 2015, respectively. The Association will continue to evaluate the realizability of the deferred tax assets and adjust the valuation allowance accordingly.

#### NOTE 13 — EMPLOYEE BENEFIT PLANS:

Employee Retirement Plans: Employees of the Association participate in either the defined benefit retirement plan (DB plan) or the defined contributions plan (DC plan) and are eligible to participate in the Farm Credit Benefits Alliance 401(k) Plan. These plans are described more fully in section H of Note 2, "Summary of Significant Accounting Policies." The structure of the district's DB plan is characterized as multi-employer, since neither the assets, liabilities nor cost of any plan is segregated or separately accounted for by participating employers (Bank and associations). No portion of any surplus assets is available to any participating employer. As a result, participating employers of the plan only recognize as cost the required contributions for the period and a liability for any unpaid contributions required for the period of their financial statements. Plan obligations, assets and the components of annual benefit expenses are recorded and reported upon district combination only. The Association records current contributions to the DB plan as an expense in the current year.

The CEO and certain executive or highly-compensated employees in the Association are eligible to participate in a separate nonqualified supplemental 401(k) plan, named the Farm Credit Benefits Alliance Nonqualified Supplemental 401(k) Plan (supplemental 401(k) plan). This plan allows district employers to elect to participate in any or all of the following benefits:

- Restored Employer Contributions to allow "make-up" contributions for eligible employees whose benefits to the qualified 401(k) plan were limited by the Internal Revenue Code during the year
- Elective Deferrals to allow eligible employees to make pre-tax deferrals of compensation above and beyond any deferrals into the qualified 401(k) plan
- Discretionary Contributions to allow participating employers to make a discretionary contribution to an eligible employee's account in the plan, and to designate a vesting schedule

The Association elected to participate in Restored Employer Contributions of \$17,731, \$32,943, and \$3,151 that were made to this plan for the years ended December 31, 2017, 2016, or 2015. There were no payments made from the supplemental 401(k) plan to active employees during 2017, 2016, and 2015.

The DB plan is noncontributory and benefits are based on salary and years of service. The legal name of the plan is Farm Credit Bank of Texas Pension Plan; its employer identification number is 74-1110170. The DB plan is not subject to any contractual expiration dates. The DB plan's funding policy is to fund current year benefits expected to be earned by covered employees plus an amount to improve the accumulated benefit obligation funded status by a percentage approved by the plan sponsor. The plan sponsor is the board of the Farm Credit Bank of Texas. The "projected unit credit" actuarial method is used for both financial reporting and funding purposes. District employers have the option of providing enhanced retirement benefits, under certain conditions, within the DB plan, to facilitate reorganization and/or restructuring. Actuarial information regarding the DB pension plan accumulated benefit obligation and plan asset is calculated for the district as a whole and is presented in the district's Annual Report to Stockholders. The actuarial present value of vested and nonvested accumulated benefit obligation exceeded the net assets of the DB plan as of December 31, 2017.

The risks of participating in these multi-employer plans are different from single-employer plans in the following aspects:

- a. Assets contributed to the multi-employer plan by one employer may be used to provide benefits to employees of other participating employers.
- b. If a participating employer stops contributing to the plan, the unfunded obligations of the plan may be borne by the remaining participating employers.
- c. If the Association chooses to stop participating in some of its multi-employer plans, it may be required to pay the plan an amount based on the underfunded status of the plan, referred to as a withdrawal liability.

The following table includes additional information regarding the funded status of the plan, the Association's contributions, and the percentage of Association contribution to total plan contributions for the years ended December 31, 2017, 2016, and 2015:

		2017	 2016		2015	
Funded status of plan		69.7%	66.4%		66.8%	
Association's contribution	\$	1,156,528	\$ 625,890	\$	573,340	
Percentage of association's contribution to total contributions		10.0%	5.3%		5.4%	

The funded status presented is based on the percentage of plan assets to projected benefit obligations. DB plan funding is based on the percentage of plan assets to the accumulated benefit obligation, which was 73.4 percent, 70.6 percent, and 72.5 percent at December 31, 2017, 2016, and 2015, respectively.

**Other Postretirement Benefits:** In addition to pension benefits, the Association provides certain health care benefits to qualifying retired employees (other postretirement benefits). These benefits are not characterized as multi-employer and, consequently, the liability for these benefits is included in other liabilities.

The following table reflects the benefit obligation, cost and actuarial assumptions for the Association's other postretirement benefits:

# **Retiree Welfare Benefit Plans**

Disclosure Information Related to Retirement Benefits		2017		2016		2015
Change in Accumulated Postretirement Benefit Obligation	ф	4.754.167	ф	4.572.751	Ф	4 000 202
Accumulated postretirement benefit obligation, beginning of year Service cost	\$	4,754,167 89,659	\$	4,573,751 77,737	\$	4,908,282 94,952
Interest cost		215,401		211,483		219,583
Plan participants' contributions		67,139		45,003		51,112
Plan amendments		-		-		-
Special termination benefits		-		_		_
Actuarial loss (gain)		532,975		26,203		(477,482)
Benefits paid	_	(205,985)		(180,010)		(222,696)
Accumulated postretirement benefit obligation, end of year	\$	5,453,356	\$	4,754,167	\$	4,573,751
Change in Plan Assets						
Plan assets at fair value, beginning of year	\$	-	\$	-	\$	-
Actual return on plan assets		-		_		<del>-</del>
Company contributions		138,846		135,007		171,584
Plan participants' contributions		67,139		45,003		51,112
Benefits paid	_	(205,985)	_	(180,010)	_	(222,696)
Plan assets at fair value, end of year	\$	-	\$	-	\$	-
Funded status of the plan	\$	(5,453,356)	\$	(4,754,167)	\$	(4,573,751)
Amounts Recognized in Statement of Financial Position						
Other liabilities	\$	(5,453,356)	\$	(4,754,167)	\$	(4,573,751)
Amounts Recognized in Accumulated Other Comprehensive Income						
Net actuarial loss (gain)	\$	1,383,838	\$	893,834	\$	916,333
Prior service cost (credit)		(26,069)		(60,826)		(95,586)
Net transition obligation (asset)	_		_		_	
Total	\$	1,357,769	\$	833,008	\$	820,747
Weighted-Average Assumptions Used to Determine Obligations at Year	r Enc					
Measurement date		12/31/2017		12/31/2016		12/31/2015
Discount rate	_	4.00%		4.60%		4.70%
Health care cost trend rate assumed for next year (pre-/post-65) - medical	7	7.70%/6.90%	(	5.75%/6.50%		7.00%/6.50%
Health care cost trend rate assumed for next year - Rx		6.90%		6.50%		6.50%
Ultimate health care cost trend rate		4.50%		4.50%		4.50%
Year that the rate reaches the ultimate trend rate		2026		2025		2025

Total Cost	2017			2016		2015	
Service cost	\$	89,659	\$	77,737	\$	94,952	
Interest cost		215,401		211,483		219,583	
Expected return on plan assets		-		-		-	
Amortization of:							
Unrecognized net transition obligation (asset)		-		-		-	
Unrecognized prior service cost		(34,757)		(34,757)		(64,718)	
Unrecognized net loss (gain)	_	42,971		48,702	_	102,143	
Net postretirement benefit cost	\$	313,274	\$	303,165	\$	351,960	
Accounting for settlements/curtailments/special termination benefits	\$	-	\$	-	\$	-	
Other Changes in Plan Assets and Projected Benefit Obligation							
Recognized in Other Comprehensive Income							
Net actuarial loss (gain)	\$	532,975	\$	26,203	\$	(477,482)	
Amortization of net actuarial loss (gain)		(42,971)		(48,702)		(102,143)	
Prior service cost (credit)		-		-		-	
Amortization of prior service cost		34,757		34,757		64,715	
Recognition of prior service cost		-		-		-	
Amortization of transition liability (asset)	_	<u> </u>	_	<del>-</del>	_	<del>-</del>	
Total recognized in other comprehensive income	\$	524,761	\$	12,258	\$	(514,910)	
AOCI Amounts Expected to be Amortized Into Expense							
Unrecognized net transition obligation (asset)	\$		\$	-	\$	-	
Unrecognized prior service cost		(26,069)		(34,757)		(34,757)	
Unrecognized net loss (gain)	_	85,309	_	42,971	_	48,702	
Total	\$	59,240	\$	8,214	\$	13,945	
Weighted-Average Assumptions Used to Determine Benefit Cost							
Measurement date		12/31/2016		12/31/2015		12/31/2014	
Discount rate  Uselik age continued rate conversed for next year (res. (rest. 65) and incl.)		4.60% 75%/6.50%	7	4.70% .00%/6.50%	7	4.55% .25%/6.75%	
Health care cost trend rate assumed for next year (pre-/post-65) - medical Health care cost trend rate assumed for next year - Rx	0.	6.50%	/	6.50%	/	6.75%	
Ultimate health care cost trend rate		4.50%		4.50%		5.00%	
Year that the rate reaches the ultimate trend rate		2025		2025		2024	
Expected Future Cash Flows							
Expected Benefit Payments (net of employee contributions)		160.06		165.000		150 150	
Fiscal 2018	\$	160,964		165,988		179,158	
Fiscal 2019 Fiscal 2020		192,610 205,109		197,922		210,992	
Fiscal 2020		205,109		207,895 212,833		218,227 1,146,253	
Fiscal 2021		210,425		1,121,030		1,140,233	
Fiscal 2023–2027		1,188,027		-		-	
Expected Contributions							
Fiscal 2018	\$	160,964	\$	165,988	\$	179,158	

# NOTE 14 — RELATED PARTY TRANSACTIONS:

Directors of the Association, except for any director-elected directors, are required to be borrowers/stockholders of the Association. Also, in the ordinary course of business, the Association may enter into loan origination or servicing transactions with its officers, relatives of officers and directors, or with organizations with which such persons are associated. Such loans are subject to special approval requirements contained in FCA regulations and are made on the same terms, including interest rates, amortization schedule and collateral, as those prevailing at the time for comparable transactions with unrelated borrowers.

Total loans to such persons for the Association amounted to \$21,085,084, \$24,321,661, and \$24,393,596 at December 31, 2017, 2016, and 2015, respectively. During 2017, \$22,806,842 of new loans were made, and repayments totaled \$26,043,419. In the opinion of management, no such loans outstanding at December 31, 2017, 2016, and 2015 involved more than a normal risk of collectability.

Expenses included in purchased services may include purchased services such as administrative services, marketing, information systems and accounting services, and allocations of expenses incurred by the Bank and passed through to the associations, such as FCSIC expenses. The Bank charges the individual associations directly for these services based on each association's proportionate usage. These expenses totaled \$116,712, \$115,502, and \$221,979 in 2017, 2016, and 2015, respectively.

The Association received patronage payments from the Bank totaling \$6,237,662, \$6,151,906, and \$5,724,417 during 2017, 2016, and 2015, respectively. Of the \$6,237,662 patronage received for 2017, \$291,722, or 4.7 percent, represented income that would have been earned based on the AMBS investment discussed in Note 4, "Investments."

#### **NOTE 15 — FAIR VALUE MEASUREMENTS:**

Accounting guidance defines fair value as the exchange price that would be received for an asset or paid to transfer a liability in an orderly transaction between market participants in the principal or most advantageous market for the asset or liability. See Note 3, "Summary of Significant Accounting Policies," for additional information.

	<u>Valuation Technique(s)</u>	<u>Input</u>
Cash	Carrying value	Par/principal and appropriate interest yield
Loans	Discounted cash flow	Prepayment forecasts Probability of default Loss severity
Fair value of concessions granted	Discounted cash flow	Loan terms Market interest rates
Other interest bearing liabilities	Carrying value	Par/principal and appropriate interest yield

Assets and liabilities measured at fair value on a recurring basis at December 31, 2017, 2016, and 2015 only include nonqualified benefit trusts. This level 1 asset was \$164,094, \$134,688, and \$98,115 at December 31, 2017, 2016, and 2015, respectively.

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

December 31, 2017		Fair Value Measurement Using							
	Lev	Level 1		Level 2		Level 3		Value	
Assets:								_	
Loans	\$	-	\$	-	\$	609,094	\$	609,094	
December 31, 2016		Fair Value Measurement Using					Total Fair		
	Lev	Level 1		rel 2	Level 3		Value		
Assets:									
Loans	\$	-	\$	-	\$	1,168,534	\$	1,168,534	

December 31, 2015	Fair Value Measurement Using							Total Fair		
	Level 1		Level 2		Level 3		Value			
Assets:										
Loans	\$	-	\$	-	\$	47,755	\$	47,755		
Other property owned	\$	-	\$	-	\$	78,518	\$	78,518		

Financial assets and financial liabilities measured at carrying amounts and not measured at fair value on the balance sheet for each of the fair value hierarchy values are summarized as follows:

				Fair		er 31, 2017 asurement l	Using				
	Total	Carrying			, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
Amount			Level 1		Level 2		Level 3		Total	Fair Value	
Assets:											
Cash	\$	90,437	\$	90,437	\$	-	\$	-	\$	90,437	
Net loans	1,6	71,281,511					1,633	,382,529	1,0	533,382,529	
Total Assets	\$ 1,6	71,371,948	\$	90,437	\$	-	\$ 1,633	3,382,529	\$ 1,0	633,472,966	
Liabilities:											
Note payable to bank	\$ 1,3	58,683,640	\$	-	\$	-	\$ 1,316	,386,750	\$ 1,3	316,386,750	
		(Restated) December 31, 2016 Fair Value Measurement Using									
				Fai	r Value Me	asurement U	sing				
		d Carrying	_								
	A	Amount	]	Level 1	Le	evel 2	Lev	vel 3	Tota	l Fair Value	
Assets:											
Cash	\$	60,478	\$	60,478	\$	-	\$	-	\$	60,478	
Net loans		36,926,241		-		-		,245,941		509,245,941	
Total Assets	\$ 1,6	36,986,719	\$	60,478	\$		\$ 1,609	,245,941	\$ 1,6	509,306,419	
Liabilities:											
Note payable to bank	\$ 1,3	20,377,658	\$	-	\$	-	\$ 1,295	,730,638	\$ 1,2	295,730,638	
					Decemb	er 31, 2015					
				Fai	r Value Me	asurement U	sing				
	Tota	l Carrying					Ţ.				
	A	Amount	]	Level 1	Le	evel 2	Lev	rel 3	Tota	l Fair Value	
Assets:											
Cash	\$	55,698	\$	55,698	\$	-	\$	-	\$	55,698	
Net loans	1,5	46,276,500		-		-	1,527	,536,788	1,5	527,536,788	
Total Assets	\$ 1,5	46,332,198	\$	55,698	\$		\$ 1,527	,536,788	\$ 1,5	527,592,486	
Liabilities:											
Note payable to bank	\$ 1,2	29,343,523	\$	-	\$	-	\$ 1,214	,444,801	\$ 1,2	214,444,801	

#### **Valuation Techniques**

As more fully discussed in Note 3, "Summary of Significant Accounting Policies," accounting guidance establishes a fair value hierarchy, which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. Fair values of financial instruments represent the estimated amount to be received to sell an asset or paid to transfer or extinguish a liability in active markets among willing participants at the reporting date. Due to the uncertainty of expected cash flows resulting from financial instruments, the use of different assumptions and valuation methodologies could significantly affect the estimated fair value amounts. Accordingly, certain of the estimated fair values may not be indicative of the amounts for which the financial instruments could be exchanged in a current or future market transaction. The following represent a brief summary of the valuation techniques used by the Association for assets and liabilities:

#### Investments

Where quoted prices are available in an active market, available-for-sale securities would be classified as Level 1. If quoted prices are not available in an active market, the fair value of securities is estimated using pricing models that utilize observable inputs, quoted prices for similar securities received from pricing services or discounted cash flows. Generally, these securities would be classified as Level 2. This would include certain mortgage-backed and asset-backed securities. Where there is limited activity or less transparency around inputs to the valuation, the securities are classified as Level 3. Securities classified within Level 3 include asset-based securities and certain mortgage-backed securities, including private label-FHA/VA securities and those issued by Farmer Mac.

#### Assets Held in Nonqualified Benefits Trusts

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

#### Standby Letters of Credit

The fair value of letters of credit approximate the fees currently charged for similar agreements or the estimated cost to terminate or otherwise settle similar obligations.

#### Loans

For certain loans evaluated for impairment under impairment guidance, the fair value is based upon the underlying collateral since the loans are collateral-dependent loans for which real estate is the collateral. The fair value measurement process uses independent appraisals and other market-based information, but in many cases it also requires significant input based on management's knowledge of and judgment about current market conditions, specific issues relating to the collateral and other matters. As a result, these fair value measurements fall within Level 3 of the hierarchy. When the value of the real estate, less estimated costs to sell, is less than the principal balance of the loan, a specific reserve is established.

#### Fair Value of Concessions Granted

The Association has recorded amounts related to the fair value of concessions granted for certain loans related to the breach of Association policies in 2016 and 2017. These amounts are netted against the unpaid principal balance of the related loans similar to a discount. The concessions granted were either through the refinancing of a relationship or as a result of acceptance of rates and terms previously negotiated, which were more favorable than market terms and rates. The fair value of the concessions are based on the expected future cash flows under the new contractual terms, discounted at a market interest rate. The fair value of the concessions are amortized into interest income over the contractual life of the related loans. The unpaid principal balance of loans with adjustments for the fair value of concessions granted was \$72,205,060, \$9,605,594, and \$0 as of December 31, 2017, 2016, and 2015, respectively. The net unaccreted fair value of concessions granted was \$14,624,894, \$2,141,609, and \$0 as of December 31, 2017, 2016, and 2015, respectively.

#### Other Property Owned

Other property owned is generally classified as Level 3. The process for measuring the fair value of other property owned involves the use of appraisals or other market-based information. Costs to sell represent transaction costs and are not included as a component of the asset's fair value.

# NOTE 16 — COMMITMENTS AND CONTINGENCIES:

In addition to those commitments and contingencies discussed in Note 3, "Summary of Significant Accounting Policies," the Association is involved in various legal proceedings in the ordinary course of business. In the opinion of legal counsel and management, there are no legal proceedings at this time that are likely to materially affect the Association.

The Association may participate in financial instruments with off-balance-sheet risk to satisfy the financing needs of its borrowers in the form of commitments to extend credit and commercial letters of credit. These financial instruments involve, to varying degrees, elements of credit risk in excess of the amount recognized in the financial statements. Commitments to extend credit are agreements to lend to a borrower as long as there is not a violation of any condition established in the contract. Commercial letters of credit are agreements to pay a beneficiary under conditions specified in the letter of credit. Commitments and letters of credit generally have fixed expiration dates or other termination clauses and may require payment of a fee. At December 31, 2017, the Association had outstanding commitments of \$188,052,040 to extend credit.

Since many of these commitments are expected to expire without being drawn upon, the total commitments do not necessarily represent future cash requirements. However, these credit-related financial instruments have off-balance-sheet credit risk because their amounts are not reflected on the balance sheet until funded or drawn upon. The credit risk associated with issuing commitments and letters of credit is substantially the same as that involved in extending loans to borrowers, and management applies the same credit policies to these commitments. Upon fully funding a commitment, the credit risk amounts are equal to the contract amounts, assuming that borrowers fail completely to meet their obligations and the collateral or other security is of no value. The amount of collateral obtained, if deemed necessary upon extension of credit, is based on management's credit evaluation of the borrower.

# NOTE 17 — QUARTERLY FINANCIAL INFORMATION (UNAUDITED):

Quarterly results of operations for the years ended December 31 (in thousands) follow:

			2017		
	(Restated)				
	First	Second	Third	Fourth	Total
Net interest income	\$ 11,707	\$ 11,576	\$ 11,992	\$ 11,769	\$ 47,044
(Provision for) reversal of loan losses	54	(725)	(2,075)	3,376	630
Noninterest income (expense), net	(11,434)	(5,453)	(11,348)	(7,851)	(36,086)
Net income	\$ 327	\$ 5,398	\$ (1,431)	\$ 7,294	\$ 11,588
			2016		
				(Restated)	(Restated)
	First	Second	Third	Fourth	Total
Net interest income	\$ 10,762	\$ 10,900	\$ 11,200	\$ 11,469	\$ 44,331
(Provision for) reversal of loan losses	202	(225)	404	(3,202)	(2,821)
Noninterest income (expense), net	(3,682)	(4,102)	(4,460)	(10,550)	(22,794)
Net income	\$ 7,282	\$ 6,573	\$ 7,144	\$ (2,283)	\$ 18,716
			2015		
	First	Second	Third	Fourth	Total
Net interest income	\$ 10,500	\$ 10,831	\$ 11,718	\$ 10,605	\$ 43,654
(Provision for) reversal of loan losses	(5)	374	(1,836)	745	(722)
Noninterest income (expense), net	(3,842)	(3,491)	(4,249)	(3,783)	(15,365)
Net income	\$ 6,653	\$ 7,714	\$ 5,633	\$ 7,567	\$ 27,567

As discussed in Note 2, "Restatement," the Association's consolidated financial statements for 2016 have been restated to correct for certain misstatements. The impact to quarterly financial information has all been reflected in the quarterly financial information for the three months ended December 31, 2016.

Similar misstatements were also present in the quarterly consolidated financial statements as of and for the three months ended March 31, 2017 that were previously issued and then recalled on August 9, 2017.

The reference codes next to the adjustment in the following reconciliation of previously issued financial information for the first quarter of 2017 and the fourth quarter of 2016 refer to the listing of adjustments in Note 2.

	Three Months Ended - Unaudited								
	March 31, 2017 (As Originally Reported)		Adjustment		Reference	March 31, 2017 (As Restated)			
Net interest income (Provision for) reversal of loan losses Noninterest income (expense), net Net income	\$	11,792 343 (3,903) 8,232	\$	(85) (289) (7,531) (7,905)	A, B, C D A, B, C A, B, C, D	\$	11,707 54 (11,434) 327		
	Three Months Ended - Unaudited								
	December 31, 2016 (As Originally Reported)		Ad	justment	Reference	December 31, 2016 (As Restated)			
Net interest income (Provision for) reversal of loan losses Noninterest income (expense), net	\$	11,547 (176) (5,537)	\$	(78) (3,026) (5,013)	A, B, C D A, B, C	\$	11,469 (3,202) (10,550)		
Net income	\$	5,834	\$	(8,117)	A, B, C, D	\$	(2,283)		

# NOTE 18 — SUBSEQUENT EVENTS:

The Association has evaluated subsequent events through May 3, 2018, which is the date the consolidated financial statements were issued or available to be issued.

There are no subsequent events requiring disclosure as of May 3, 2018.

#### **BOARD OF DIRECTORS**

#### CORPORATE GOVERNANCE

At year end, the board of directors of Lone Star, ACA was comprised of 13 positions, two of which were vacant. Ten director positions are elected by the voting membership. Each represents one of eight geographic regions that comprise Lone Star, ACA's lending territory. One of the 10 member-elected directors resigned and another elected director was elected to the district board and resigned her position on the board of Lone Star, as a director cannot serve on both the Bank and an Association board simultaneously. Both resignations took place in December 2016. Three directors are appointed by the other members of the board and cannot be customers, stockholders, employees or agents of any Farm Credit institution. Two of these appointed outside directors bring specific financial, accounting and audit expertise to the board and one chairs the board's Audit Committee and the other serves as vice chairman. The other appointed outside director position is used to bring outside perspective and other areas of expertise to enhance board oversight capabilities.

#### **AUDIT COMMITTEE**

As of December 31, 2017, this Committee was made up of five board members including at least one appointed outside director. All members of the Committee are expected to have practical knowledge of finance and accounting, be able to read and have a working understanding of the financial statements, or develop that understanding within a reasonable period of time after being appointed to the Committee. The two outside directors appointed to this Committee have significant financial and audit expertise and serve as chairman and vice chairman, Don Crawford and David W. Conrad, respectively. The board of directors has determined that Mr. Crawford and Mr. Conrad have the qualifications and experience necessary to serve as an Audit Committee "financial expert" as defined by FCA regulation, and have been designated as such. Other Audit Committee members as of December 31, 2017 were David Harris, Brent Neuhaus and Bert Pruett.

The Audit Committee members are appointed by the board. All members of the Audit Committee are independent of management for Lone Star, ACA or any System entity. The Audit Committee has unrestricted access to representatives of the internal audit firm, independent public accountants, internal credit review firms and financial management.

The Committee assists the board in fulfilling its oversight responsibility related to accounting policies, internal controls, financial reporting practices and regulatory requirements. This Committee has a charter detailing its purpose and key objectives, authority, composition, meeting requirements and responsibilities. The charter, among other things, gives the Committee the authority to hire and compensate the internal and external auditors and credit reviewers, approve all audit and permitted non-audit services, review the audited financial statements and all public financial disclosures, meet privately with internal and external auditors and credit reviewers and review any complaints regarding accounting irregularities and fraud. The charter is posted on Lone Star, ACA's website at www.lonestaragcredit.com.

#### **COMPENSATION COMMITTEE**

The Compensation Committee consists of six board members selected by the board of directors. Neither the CEO nor management can have any involvement in the selection of Committee members nor can they participate in any deliberations of the Committee on matters relating to their own compensation. The Committee is chaired by John Sawyer. Other Compensation Committee members as of December 31, 2017 were Harlin Brown, Richard Gaona, Chad Lee, Tom Johnson, and Larry Stewart.

The Committee is responsible for reviewing and recommending for full board approval, the performance standards of the CEO and the evaluation of the CEO's performance against those standards. It also recommends to the board all actions necessary to administer the CEO's compensation plan. The board has delegated to the CEO the responsibility to administer the base salaries of senior officers and all other staff of Lone Star, ACA, within board-approved guidelines. However, the CEO must review the base salary administration with the Compensation Committee and the Committee recommends for board approval the overall compensation program for senior officers. The Committee is also responsible for director compensation and for oversight of Lone Star, ACA's employees' salary and benefits plans and all board policies applicable to those plans.

#### **DIRECTORS AND SENIOR OFFICERS**

The Association's member-elected and director-elected board of directors and senior officers are as follows:

		DATE ELECTED/	TERM
NAME	POSITION	EMPLOYED	EXPIRES
Tom Johnson	Chairman	2000	2018
David Harris	Vice Chairman	2001	2019
Harlin Brown	Director	2013	2019
David Conrad	Director-Elected Outside Director	2014	2019
Don Crawford	Director-Elected Outside Director	2002	2019
Richard Gaona	Director	2000	2018
Chad Lee	Director-Elected Outside Director	2011	2019
Brent Neuhaus	Director	2016	2020
Bert Pruett	Director	1984	2020
John Sawyer	Director	2014	2020
Larry Stewart	Director	1984	2020
Troy Bussmeir	Chief Executive Officer	2010	-
Amy Birt	Chief Financial Officer	2017	-
Sharla Chambers	Chief Operating Officer	2014	-
Keith Finstad	Chief Credit Officer	2014	-
Jim Bob Reynolds	Chief Lending Officer	2010	-

A brief statement of the business and employment background of each director and senior officer is provided for informational purposes.

Tom Johnson, 66, was elected to serve on the Association's board in 2000, serves as the board's chairman, and serves on the Association's Compensation, Special Investigation and Compliance committees. He also serves on the Farm Credit Bank of Texas' Nominating Committee, Stockholders Advisory Committee and District Benefits Administration Committee, Mr. Johnson has been active in the communications industry for more than 30 years, maintains a Black Angus cow/calf operation specializing in producing Waygu-Black Angus calves, and currently is: the president and director of First American Communications Enterprise, Inc. and First American Holdings, Inc., which are telecommunication businesses; the president and director of Christian.TV, Inc., which is an internet video streaming and content management business; the CEO and member of BEMA Media, LLC; an officer and director of Oklahoma Telephone and Telegraph, Inc. and North Texas Telephone Company, Inc.; the president and director of River Creek LTD, which is involved in ranching, TPJ Properties LTD, which is involved in real estate, and First American Sales and Service, which is involved in equipment sales; an officer and member of North Star, LLC, which is involved in real estate; the president and member of Johnson River, LLC, GYI Hanger, LLC, Covenant Denison Holdings, LLC, and Multifamily Investors GP, LLC, which are involved in ranching and/or real estate; vice president and member of Covenant Development, LLC, which is a management company, and Residence at Gateway Village GP, LLC, which is involved in real estate; and a limited partner of Multifamily Investors, LTD and Multifamily Investors II, LTD, which are involved in real estate. Mr. Johnson is also a director of First United Bank and Trust Company of Durant, Oklahoma, Texoma Medical Center Hospital, Varitronics LLC, an education hardware and software business, and Saddle Creek at Gateway HOA, Inc. and Fawn Meadow Greenway Parks at Gateway HOA, Inc., which are homeowner association businesses, and serves on the Compensation and Strategic Development Committees for First United Bank and Trust Company and as a vice president and director of I Shine Ministries, Inc., Victory Life Church, and Zoe Life Outreach, Inc., nonprofit ministries.

**Harlin Brown**, 70, was elected to the board in 2013. Mr. Brown lives in Woodland, Texas, and is a full-time farmer and rancher. Mr. Brown has been in the logging and timber business for most of his life, runs a commercial cow/calf operation, manages timber on owned and leased property in Red River County, and grows hay in Choctaw County, Oklahoma. Mr. Brown serves as a director of Red River Appraisal District and previously served on the Red River FSA County Committee and the 410 Water Supply Corporation. He has been a member of the Pine Creek Volunteer Fire Department for at least 25 years and has served in various capacities at the Woodland United Methodist Church.

**David W. Conrad**, 64, was elected to Texas Land Bank's Board in 2005 as a director-elected director, has served on the Association's board since January 1, 2014 as a result of the merger, and serves as the vice chairman of the Association's Audit Committee. Mr. Conrad is from Round Rock, Texas, is a Certified Public Accountant, the owner of a professional accounting practice in Round Rock, a member of Pilot Peak Investments LLC, a commercial real estate rental company, and a member of the Texas Society of CPAs. Mr. Conrad was previously employed by the Farm Credit Bank of Texas from 1982 to 1990, where he served as internal auditor and director of association financial operations.

Don Crawford, 70, was elected to the board in 2002 as a director-elected director, serves as the chairman of the Association's Audit Committee and also serves on the Special Investigation and Compliance committees. Mr. Crawford resides in Palo Pinto County and is a Certified Public Accountant. He is a principal in Crawford, Carter and Durbin CPAs of Mineral Wells, a partner in Crawford Brothers Ranch of Strawn, Texas, a commercial beef cattle operation, and a general partner in Crawford Cross LLP, a land holding company. Mr. Crawford is a director and chairman of the Audit Committee of Titan Bank, N.A. of Mineral Wells, Texas; a director of Palo Pinto Municipal Water District #1; a director and the treasurer of Mineral Wells Industrial Foundation, a nonprofit foundation; and chairman of the finance committee of Our Lady of Lourdes Catholic Church in Mineral Wells, Texas.

Richard Gaona, 59, was elected to serve on the board in 2000 and serves on the Association's Compensation Committee. Mr. Gaona is a full-time farmer and is the owner and operator of Richard & Judy Gaona Joint Venture Farms, which grows cotton, wheat, and hay, and maintains a beef cattle operation in Fisher County. Mr. Gaona serves as the chairman of the Fisher County Appraisal District Board, the president of the board of Rolling Plains Cotton Growers, a member of the Boll Weevil Steering Committee for Rolling Plains Cotton Growers, and a voting delegate member for the National Cotton Council. He previously served as the vice chairman of the board of Rolling Plains Cotton Growers, a member of the Boll Weevil Steering Committee for Rolling Plains Cotton Growers, a director of Cotton, Inc., and a director of Universal Cotton Standards and previously co-owned T. Terry's Cotton Gin in Roby, Texas.

David Harris, 58, was elected to the board in 2001 and serves on the Association's Audit, Special Investigation and Compliance committees. Mr. Harris lives in Johnson County, owns property in Somervell County, and is the president of Bob Harris Oil Company, which is involved in retail gasoline marketing, ranching (cow/calf), real estate development, and sand and gravel. He serves as the president of Harris Riverbend Farms, a purebred and commercial cow/calf operation, which was previously made part of Harris Farms; a partner in Mansfield Joint Venture, which is involved in warehouse development; the managing partner of Alvarado Joint Venture, which is involved in real estate development; a partner in Deli Partners, a deli and fast food operation; the managing partner in Brazos Aggregates, a sand and gravel operation; and a director of Cleburne Economic Development Board. Mr. Harris serves on the Somervell County Livestock and Forage Committee and previously served as the managing partner of Harco Cattle, a cow/calf operation, which merged into Harris Riverbend Farms; a member of the Santa Gertrudis Association Performance Committee; and previously served as president of the Premier Santa Gertrudis Association and vice president of marketing for Santa Gertrudis Breeders International.

Chad Lee, 46, was elected to the board in 2011 as a director-elected director and serves on the Association's Compensation, Special Investigation and Compliance committees. Mr. Lee is a private practice attorney with an emphasis on criminal defense, employment, and various agricultural issues, including contracts and oil and gas leasing and real property disputes. Mr. Lee maintains an operation of commercial cattle, wheat, and hay; is a committee member for the Fort Worth Stock Show and the Texas and Southwestern Cattle Raisers Association; a director of Operation Orphans, a nonprofit benefiting foster children; and a director of Tarrant County A&M Club, a nonprofit for Aggie Athletics.

Brent Neuhaus, 47, was appointed to the board in 2016 and elected in 2017 and serves on the Association's Audit, Special Investigation and Compliance committees. Mr. Neuhaus lives in Waco, Texas, and raises Angus cattle on 243 acres in McLennan County, Texas. Mr. Neuhaus is the director of remarketing at United Ag and Turf, which operates John Deere dealerships in Central Texas; president and manager of TGBTG Property, LLC and JORE, LLC; and member of ERE Property, LLC and HILLRE, LLC, which are involved in real estate. Mr. Neuhaus also has an ownership interest in Neuhaus Trust Partnership through a trust of which he is the trustee, which partnership owns farmland and commercial real estate and other business interests; is a director and shareholder of Alliance Bank Central Texas; and is a director and chairman of the board of Heart O' Texas Fair & Rodeo. Mr. Neuhaus is married to Kim Neuhaus, who is a first-grade teacher in the Midway ISD, and they attend First Woodway Baptist Church.

**Bert Pruett**, 65, was elected to the board in 1984 and serves on the Association's Audit Committee. Mr. Pruett lives in Slidell in northwest Denton County, is a self-employed grain farmer, and maintains an operation of cattle, wheat, milo, corn, and hay. Mr. Pruett serves as the treasurer of the Greenwood-Slidell Volunteer Fire Department, president of the Denton-Wise County Farmers Union, and chairman of the deacons of the First Baptist Church in Slidell, Texas.

John R. Sawyer, 59, was elected to Texas Land Bank's board in 2006, has served on the Association's board since January 1, 2014 as a result of the merger, and is the chairman of the Association's Compensation Committee. Mr. Sawyer resides in Hillsboro, Texas, is a farmer and rancher and operates, and is a partner in, Sawyer Farms Partnership with his wife, Natasha, which engages in grain farming. Mr. Sawyer serves as a vice president of Apex Grain Company, LLC, a grain elevator company located in Hillsboro; the president of Sawyer Land LLC, a commercial property business; president of Sawyer Property Management LLC, which manages mineral interests; president of Blackland Logistics, a trucking company; chairman of Hill County Blackland Soil and Water Conservation District's board; trustee of the Hillsboro Independent School District; and a deacon of the First Baptist Church in Hillsboro, Texas.

**Larry Stewart**, 68, was elected to the board in 1984 and serves on the Association's Compensation Committee. Mr. Stewart lives between Granbury and Lipan in Hood County, operates a beef cattle operation as his primary business, and participates in hay production, as well. Mr. Stewart serves as a director of First National Bank Granbury and as a director of Hood County Acton Cemetery and previously served as a director of Cancer Care, which raises money to help cancer victims.

**Troy Bussmeir**, 45, became the chief executive officer effective January 1, 2014. Mr. Bussmeir joined the Association in May 2010 as the chief credit officer and became the chief operating officer in March 2012. Before joining the Association, he served five years as a relationship manager at the Farm Credit Bank of Texas in Austin and as a Capital Markets analyst for one year prior to that. Mr. Bussmeir began his banking career in 1999 with Farm Credit of South Florida, where he served as a credit analyst and later as a senior commercial loan officer. He left South Florida to work at AgFirst Farm Credit Bank in Columbia, South Carolina, as a commercial credit analyst in its Capital Markets Group. Mr. Bussmeir is a native of Seattle, Washington, and earned his bachelor's degree in finance and accounting from Palm Beach Atlantic University in West Palm Beach, Florida.

Amy Birt, 48, became the chief financial officer effective December 18, 2017. Before joining the Association, Ms. Birt served as chief financial officer and corporate controller for various commercial financial institutions for over 22 years with expertise in leading the accounting and finance, information technology, human resources, and management information system areas. Ms. Birt, originally from Frankston, Texas, earned her BBA in accounting from Stephen F. Austin State University and her master of accountancy from the University of North Florida. Ms. Birt is a Certified Public Accountant, Chartered Global Management Accountant, and Certified Information Technology Professional.

**Sharla Chambers**, 41, became the chief operating officer effective January 1, 2014. Ms. Chambers joined the Association in January 2014 as a result of the merger with Texas Land Bank. Prior to the merger, Ms. Chambers served as the chief financial officer for Texas Land Bank and previously served as the controller for that Association beginning in 2006, with oversight of the accounting and finance, information technology, marketing, and human resource areas of the operations. She is a Certified Public Accountant, with experience in corporate accounting as well as retirement plan administration and compliance. Ms. Chambers, a native of Gatesville, Texas, earned her BBA in accounting and her MBA from Baylor University.

**J. Keith Finstad**, 59, became chief credit officer effective January 1, 2014. Mr. Finstad joined the Association in January 2014 as a result of the merger with Texas Land Bank. Prior to the merger, Mr. Finstad served as the chief credit officer for Texas Land Bank and previously served as a credit office president of Texas Land Bank's Waco office. Mr. Finstad also previously served as a loan officer and director of credit at Farm Credit Bank of Texas, vice president of the Federal Land Bank Association of Hillsboro, and a loan officer trainee of the Federal Land Bank Association of Hillsboro. Mr. Finstad has 35 years of experience with the Farm Credit System.

Jim Bob Reynolds, 53, became the chief lending officer effective January 1, 2014. Mr. Reynolds joined the Association in September 2010 as the senior vice president of commercial credit and later served as the chief credit officer for the Association. Before joining the Association, Mr. Reynolds worked for First State Bank in Dalhart, Texas, for 11 years, where he served as the senior vice president of commercial lending. Mr. Reynolds is a native of Dalhart, Texas, where he grew up on his family's farming/cattle operation. He earned his bachelor's degree in ag economics from Texas Tech University and his MBA from the University of Texas at San Antonio.

# **COMPENSATION OF DIRECTORS**

Directors were compensated for their service to the Association in the form of an honorarium at the rate of \$600 per day for director meetings and special meetings, except for the board chairman and vice chairman. The board chairman and vice chairman rate are \$1,000 and \$800, respectively. The audit chairman and vice chairman receive an additional honorarium of \$500 and \$300 per month, respectively. Directors also receive an annual retention fee of \$700 per month. Committee meetings that are held in conjunction with another meeting are paid at the rate of \$300 per meeting, except for Audit Committee meetings which are paid at the rate of \$400 per meeting. Directors are paid honorarium for conference calls less than an hour at the rate of \$200 and for calls in excess of an hour they are compensated \$400. Directors were reimbursed for certain expenses incurred while representing the Association in an official capacity. Mileage for attending official meetings during 2017 was paid at the IRS-approved rate of 54.0 cents per mile. A copy of the travel policy is available to stockholders of the Association upon request.

	Number of I	Days Served	
DIRECTOR	Board Meeting	Other Official Activities	2017
Harlin Brown	10	6	\$ 19,700
David Conrad	8	9	26,200
Don Crawford	10	18	55,200
Richard Gaona	10	10	22,400
David Harris	10	15	46,600
Tom Johnson	10	14	47,100
Chad Lee	7	17	40,700
Brent Neuhaus	10	10	39,800
Bert Pruett	10	8	23,500
John Sawyer	10	9	24,600
Larry Stewart	10	6	 20,000
			\$ 365,800

The aggregate compensation paid to directors in 2017, 2016, and 2015 was \$365,800, \$301,500, and \$307,900, respectively.

Additional detail regarding director compensation paid for committee service (which is included in the table above) is as follows:

DIRECTOR	Audit Committee		Compensation Committee		Total	
Harlin Brown	\$	-	\$	-	\$	-
David Conrad		6,400		-		6,400
Don Crawford		11,300		-		11,300
Richard Gaona		-		1,200		1,200
David Harris		4,200		-		4,200
Tom Johnson		-		900		900
Chad Lee		-		900		900
Brent Neuhaus		4,200		-		4,200
Bert Pruett		3,800		-		3,800
John Sawyer		-		3,600		3,600
Larry Stewart		<u>-</u>		1,200		1,200
	\$	29,900	\$	7,800	\$	37,700

The aggregate amount of reimbursement for travel, subsistence and other related expenses paid to directors and on their behalf was \$96,376, \$113,629, and \$116,098 in 2017, 2016, and 2015, respectively.

#### COMPENSATION OF SENIOR OFFICERS

# Compensation Discussion and Analysis - Senior Officers

#### Overview

The objective of the Association's salary administration program is to attract, develop, retain and motivate staff that is knowledgeable and efficient in the ability to support the Association in the execution of its strategic objectives and delivery of Association results that maximize the value received by its membership. The Association operates utilizing a compensation program which focuses on the performance and contributions of its employees in achieving the Association's financial and operational objectives, all for the ultimate benefit of its membership. The Association's board of directors, through its Compensation Committee, establishes annual salary and incentive programs utilizing the services of the Human Resources Compensation Team at the Bank to compile "Compensation Market Data" annually that is used by the board and management in establishing salary levels. Data sources used include the Federal Reserve Bank of Dallas 11th District survey, Texas Community Bank survey (Independent Bankers Association of Texas), Watson Wyatt Financial Institution surveys, Mercer Financial Services Commercial Lending survey and CompData surveys. The Compensation Market Data reveals salary and incentive levels for similar-sized institutions operating in our geographic area. Studies provided by third-party compensation specialists form the foundation for the Association's evaluation and establishment of annual salary plans used by the Association. Additional support is provided by an outside consultant engaged by Compensation Committee.

#### **Chief Executive Officer (CEO) Compensation Policy**

				(	Change i	n				
					Pension	ı	D	eferred/		
Name of		Salary	Bonus		Value		Pe	erquisite	Other	
Individual	Year	(a)	<b>(b)</b>		(c)			<b>(d)</b>	(e)	Total
Troy Bussmeir	2017	\$ 345,013	\$ -	\$		-	\$	57,739	\$ 18,354	\$ 421,106
CEO	2016	\$ 320,012	\$ 112,000	\$		-	\$	54,173	\$ 26,535	\$ 512,720
	2015	\$ 310,012	\$ 108,500	\$		-	\$	52,256	\$ 40,997	511,765

- (a) Gross Salary
- (b) Bonuses earned in 2016 and 2015 were paid in the following year. (No bonus was earned for 2017.)
- (c) Change in pension value (noncash)
- (d) Deferred Perquisite: 2017, 2016 and 2015 include contribution to 401(k) and defined contribution plans, automobile benefits and premiums paid for life insurance.
- (e) Other 2017, 2016 and 2015 includes memberships to professional and social organizations, executive physicals, and travel allowance.

On October 3, 2012, FCA adopted a regulation that requires all System institutions to hold advisory votes on the compensation for all senior officers and/or the CEO when the compensation of either the CEO or the senior officer group increases by 15 percent or more from the previous reporting period. In addition, the regulation requires associations to hold an advisory vote on CEO and/or senior officer compensation when 5 percent of the voting stockholders petition for the vote and to disclose the petition authority in the annual report to shareholders. The regulation became effective December 17, 2012, and the base year for determining whether there is a 15 percent or greater increase was 2013. No Association held an advisory vote based on a stockholder petition in 2013.

On January 17, 2014, the President signed into law the Consolidated Appropriations Act (P.L. 113-76) which includes language prohibiting the FCA from using any funds available "to implement or enforce" the regulation. In addition, on February 7, 2014, the President signed into law the Agricultural Act of 2014. Section 5404 of the law directs FCA, to within 60 days of enactment of the law, "review its rules to reflect the Congressional intent that a primary responsibility of boards of directors of Farm Credit System institutions, as elected representatives of their stockholders, is to oversee compensation practices." FCA has not yet taken any action with respect to their regulation in response to these actions.

The CEO's salary is established for the period January 1 through December 31 of each year, and is set by the board using the Compensation Market Data as a guideline to arrive at a fair and competitive salary. The CEO's bonus is at board discretion and based upon its assessment of the Association's financial performance, credit administration and credit quality goals, and attainment of other goals and objectives specifically established in the Association's Business Plan. This incentive is based on the period from January through December of each year. For the year ended 2017, no bonuses were awarded.

## **Compensation of Other Senior Officers**

Name of Group	Year		Salary (a)		Bonus (b)		Change in Pension Value (c)		Deferred/ erquisite (d)		Other (e)	Total
Aggregate No. of Senior Officers in Year 6	2017	\$	955,275	\$	-	\$	866,921	\$	140,635	\$	336	\$ 1,963,167
Aggregate No. of Five Highest Compensated Senior Officers in Year												
Excluding CEO 6 6	2016 2015	\$ \$	952,273 1,375,347	\$ \$	285,670 323,590	\$ \$	675,706 350,812	\$ \$	144,194 201,229	\$ \$	8,180	\$ 2,066,023 2,250,978

- (a) Gross Salary includes temporary additional salary for a single employee covering two positions.
- (b) Bonuses earned in 2016 and 2015 were paid in the following year. (No bonus was earned for 2017.)
- (c) Change in pension value (noncash).
- (d) Deferred Perquisite: 2017, 2016 and 2015 include contribution to 401(k) and defined contribution plans, automobile benefits and premiums paid for life insurance.
- (e) Other 2017, 2016 and 2015 includes memberships to professional and social organizations, executive physicals, and travel allowance.

Disclosure of information on the total compensation paid and the arrangements of the compensation plans during the last fiscal year to any senior officer or to any other officer included in the aggregate are available and will be disclosed to shareholders of the institution upon request.

The Association board's Compensation Committee (Committee) approved an incentive plan for Lone Star senior officers and staff in 2017. The 2017 incentive plan was based on Association performance goals and objectives, including credit quality, credit administration and correlations of credit risk ratings with the FCA, Association Internal Credit Review and the FCBT reviews, loan volume and earnings goals, as defined by the board. All employees were eligible to participate except for the CEO, who was not a participant in this incentive program.

Personal mileage on Association automobiles is reported as taxable income to employees and reported in the deferred/perquisite column in the table above. Employees who use their personal automobile for business purposes were reimbursed during 2017 at the IRS-approved rate of 54.0 cents per mile.

No senior officer received non-cash compensation exceeding \$5,000, other than disclosed previously in 2017, 2016 and 2015.

Senior officers, including the CEO, are reimbursed for reasonable travel, subsistence and other related expenses while conducting Association business. A copy of the Association's travel policy is available to shareholders upon request.

## Pension Benefits Table for the CEO and Senior Officers as a Group

The following table presents the total annual benefit provided from the defined benefit pension plan applicable to senior officers, excluding CEO, for the year ended December 31, 2017:

			Number of Years	esent Value Accumulated	Payments		
	Name	Plan Name	Credited Service	Benefit	During	2017	
	Senior Officers, Excluding CEO	Farm Credit Bank of Texas					
	(1)	Pension Plan	38.00	\$ 3,056,941	\$	-	

#### Defined Benefit Pension Plan:

The Defined Benefit Pension Plan (Pension Plan) is a final average pay plan which was closed to new participants in 1996, and later fully closed to all participants, including rehires who had formerly participated in the plan. The Pension Plan benefits are based on the average monthly eligible compensation over the 60 consecutive months that produce the highest average after 1996 ("FAC60"). The Pension Plan's benefit formula for a Normal Retirement Pension is the sum of (a) 1.65 percent of FAC60 times "Years of Benefit Service" and (b) 0.50 percent of (i) FAC60 in excess of Social Security covered compensation times (ii) "Years of Benefit Service" (not to exceed 35).

The Pension Plan's benefit formula for the Normal Retirement Pension assumes that the employee's retirement age is 65, that the employee is married on the date the annuity begins, that the spouse is exactly two years younger than the employee, and that the benefit is payable in the form of a 50 percent joint and survivor annuity. If any of those assumptions are incorrect, the benefit is recalculated to be the actuarial equivalent benefit. The Pension Plan benefit is offset by the pension benefits any employee may have from another Farm Credit System institution.

The Pension Plan was amended in 2013 to allow those retiring after September 1, 2013 to elect a lump-sum distribution option. The plan was also amended to allow participating employers to exclude from pension compensation new long-term incentive plans which began after January 1, 2014.

# TRANSACTIONS WITH DIRECTORS AND SENIOR OFFICERS

The Association's policies on loans to and transactions with its officers and directors, required to be disclosed in this section, are incorporated herein by reference from Note 14 to the consolidated financial statements, "Related Party Transactions," included in this annual report.

#### DIRECTORS' AND SENIOR OFFICERS' INVOLVEMENT IN CERTAIN LEGAL PROCEEDINGS

During the past five years, none of the Association's officers or directors has been involved in legal proceedings that are material to an evaluation of the ability or integrity of any person who served as director or senior officer on January 1, 2017, or any time during the year just ended.

# RELATIONSHIP WITH INDEPENDENT AUDITOR

No change in auditors has taken place since the last annual report to stockholders and no disagreements with auditors has occurred that the Association is required to report to the Farm Credit Administration under part 621 of the FCA regulations governing this disclosure.

Fees for professional services rendered for the Association by PricewaterhouseCoopers LLP for the year ending December 31, 2017 were between \$1,825,000 and \$1,900,000; and were comprised of audit services ranging from \$1,817,000 and \$1,892,000 and tax services for \$8,000.

#### FINANCIAL STATEMENTS

The financial statements, together with the report thereon of PricewaterhouseCoopers LLP dated May 3, 2018, and the report of management in this annual report to stockholders, are incorporated herein by reference.

#### MEMBER/SHAREHOLDER PRIVACY

Members' nonpublic personal financial information is protected by Farm Credit Administration regulation. Our directors and employees are restricted from disclosing information not normally contained in published reports or press releases about the Association or its members.

# CREDIT AND SERVICES TO YOUNG, BEGINNING AND SMALL FARMERS AND RANCHERS, AND PRODUCERS OR HARVESTERS OF AQUATIC PRODUCTS

Lone Star, ACA is obligated to establish programs that respond to the credit and related service needs of young, beginning and small (YBS) farmers and ranchers. It is the Association's responsibility to fulfill its public policy role by extending credit and related services to this important sector of our customer base. YBS farmers and ranchers face continuing challenges in agriculture, including access to capital and credit needs, limited financial resources for land and equipment, urbanization demands and increasing competition from larger and highly capitalized operations.

The board of directors and management are committed to providing programs that facilitate meeting the needs of this group of customers. These programs also address other issues, including the aging of agricultural landowners and customers, the need to transfer assets to another generation of potential landowners and a recognition that many young, beginning and small operators will need to supplement their farm income by seeking off-farm employment. Additionally, demographic trends indicate that agricultural landowners make decisions regarding land or agricultural endeavors based on lifestyle choices, recreational utility or as an alternative investment in a major financial asset.

## **Definitions for YBS Farmers and Ranchers**

<u>Young Farmer or Rancher</u> – a farmer, rancher or producer/harvester of aquatic products who was age 35 or younger as of the date when the loan was originally made.

<u>Beginning Farmer or Rancher</u> – a farmer, rancher or producer/harvester of aquatic products who had 10 years or less of experience at farming or ranching, or producing or harvesting aquatic products as of the date the loan was originally made.

<u>Small Farmer or Rancher</u> – a farmer, rancher or producer/harvester of aquatic products who normally generates less than \$250,000 in annual gross sales of agricultural or aquatic products at the date the loan was originally made.

(A loan to a borrower may meet the definition of an YBS borrower if any one of the categories is achieved.)

In order to address the specific needs of these customers, and to be responsive to the credit needs of young, beginning and small farmers, the Association utilizes all existing loan programs to the maximum benefit of young, beginning and small farmers. The Association has also developed specific loan programs to meet the credit needs of this group. Qualifying young, beginning and small farmers who are involved or becoming more involved in agriculture may be eligible for loans with more flexible rates and fees.

The Association's YBS loans as a percentage of total loans outstanding for years ending 2017, 2016 and 2015, respectively, are reflected in the table below:

	(Restated)									
	20	)17	20	016	2015					
	% Loans	% Volume	% Loans	% Volume	% Loans	% Volume				
Young	17.41	9.86	17.72	9.55	17.83	10.11				
Beginning	61.13	50.22	59.26	47.28	58.39	47.76				
Small	84.51	62.12	82.98	60.99	81.17	58.37				

The Association's YBS loans, as a percentage of all loans closed each year, are reflected in the table below for the past three years:

	(Restated)									
	20	017	20	)16	2015					
	% Loans % Volume		% Loans	% Volume	% Loans	% Volume				
Young	17.95	11.53	17.98	9.22	16.17	8.24				
Beginning	59.82	52.14	57.49	43.94	52.63	36.91				
Small	80.01	53.92	79.32	59.28	73.68	43.20				

The board established quantitative targets within the 2017 operational and strategic business plan to measure and evaluate progress toward serving young, beginning and small customers. These volume-based targets for performance included new credit to young farmers at 10.5 percent, to beginning farmers at 45.5 percent, and to small farmers at 54.0 percent. The board established quantitative targets within the 2017 operational and strategic business plan to measure and evaluate progress toward serving the young, beginning, and small customers. These volume-based targets for performance included new credit to young farmers at 10.5 percent. New credit to young and beginning farmers exceeded expectations in 2017, while small farmer achievement was slightly below at 53.5 percent. The percentage goals established for small farmers was not achieved primarily due to the level of other loan activity being marginally greater than projected. Goals were also established by the board for loans outstanding to young, beginning and small farmers. Volume based performance goals for outstanding loans included young borrowers at 10.5 percent, beginning borrowers at 48.5 percent and small borrowers at 60.0 percent of all loans outstanding. Performance mirrored that of new business, except volume outstanding percentage for young farmers was below expectations at 9.9 percent as the overall growth in the loan portfolio outpaced growth in loans to young farmers.

The United States Department of Agriculture's NASS 2012 Census of Agriculture provides data regarding the actual market for YBS farmers and ranchers within the 48-county area served by Lone Star. This census data indicated 8.0 percent of farm operators are "young," 30.4 percent of operators are "beginning" and 97.5 percent of farm units are categorized as "small." There are differences in the method by which Association YBS data and demographic census data is described. Census data is based on the number of farms, and Association data is based on the number of customers. Additionally, census data do not coincide with an annual analysis of Association data, and calculations for young and beginning farmers are slightly different. Annual performance data and goals established also include lending activity outside the Association's territory. However, a comparison does offer a quantitative measure of the Association's performance in fulfilling its mission of service to young, beginning and small farmers.

The Association coordinates its young, beginning and small farmer loan program activities with other lenders. This includes the purchase and sale of loan participations, loan guarantees and joint lending. Related services including appraisal, credit life insurance, life and disability products and leasing programs are available to assist YBS borrowers in their credit and related service needs.

Important components of the Association's YBS efforts include the emphasis placed on outreach programs. The Association has held a long-standing belief that an investment in agricultural students and youth activities is important to the long-term success of the cooperative. The Association develops a comprehensive array of marketing efforts to include youth activities and events including livestock shows, 4-H and FFA events, young professional groups and agricultural leadership opportunities.

The Association offers a scholarship program for area seniors and four scholarships are awarded in the lending area. The Association also sponsors youth activities in the local area and at the state level through support of 4-H and FFA activities.

A YBS advisory board was formed to generate ideas and methods on how Lone Star, ACA can better serve the YBS demographic in our area. The advisory board minutes are reported to the board of directors.

In summary, the Association fulfills its mission of providing agricultural credit, and meeting the specific credit and related service needs of young, beginning and small farmers, ranchers and producers/harvesters of aquatic products through specific lending programs, quantitative performance measures and broad-based objectives.