FARM CREDIT

THIRD QUARTER 2017 QUARTERLY INFORMATION STATEMENT OF THE FARM CREDIT SYSTEM

Federal Farm Credit Banks Funding Corporation
101 Hudson Street, Suite 3505 • Jersey City, New Jersey 07302 • 201-200-8000

NOVEMBER 9, 2017

This quarterly information statement provides important information for investors in the debt securities jointly issued by the four Farm Credit System Banks — AgFirst Farm Credit Bank, AgriBank, FCB, CoBank, ACB and Farm Credit Bank of Texas (collectively, the Banks). These debt securities, which we refer to as Systemwide Debt Securities, include:

- Federal Farm Credit Banks Consolidated Systemwide Bonds,
- Federal Farm Credit Banks Consolidated Systemwide Discount Notes,
- Federal Farm Credit Banks Consolidated Systemwide Medium-Term Notes, and
- any other debt securities that the Farm Credit System Banks may jointly issue from time to time.

This quarterly information statement does not constitute an offer to sell or a solicitation of an offer to buy Systemwide Debt Securities. Systemwide Debt Securities are offered by the Federal Farm Credit Banks Funding Corporation on behalf of the Banks pursuant to offering circulars for each type of debt offering. The relevant offering circular as of this date is the Federal Farm Credit Banks Consolidated Systemwide Bonds and Discount Notes Offering Circular dated December 8, 2014, as amended by the supplement dated October 2, 2017.

The offering circular may be amended or supplemented from time to time and a new offering circular may be issued. Before purchasing Systemwide Debt Securities, you should carefully read the relevant offering circular, the most recent annual and quarterly information statements and other current information released by the Funding Corporation regarding the Banks and/or Systemwide Debt Securities. At this time, no Systemwide Debt Securities are being offered under the Federal Farm Credit Banks Global Debt Program Offering Circular dated October 10, 1996, the Federal Farm Credit Banks Consolidated Systemwide Medium-Term Notes Offering Circular dated July 19, 1993, as amended by supplements dated February 26, 1997 and June 11, 1999, or the Federal Farm Credit Banks Consolidated Systemwide Master Notes Offering Circular dated December 21, 1999, as amended by the supplement dated August 20, 2001. No securities previously offered under the Global Debt Program Offering Circular or the Master Notes Offering Circular are currently outstanding.

Systemwide Debt Securities are the joint and several obligations of the Banks and are not obligations of or guaranteed by the United States government. Systemwide Debt Securities are not required to be registered and have not been registered under the Securities Act of 1933. In addition, the Banks are not required to file and do not file periodic reports under the Securities Exchange Act of 1934. Systemwide Debt Securities have not been recommended by any federal or state securities commission or regulatory authority. Furthermore, these authorities have not confirmed the accuracy or determined the adequacy of any offering material.

Certification

The undersigned certify that (1) we have reviewed this quarterly information statement, (2) this quarterly information statement has been prepared in accordance with all applicable statutory or regulatory requirements, and (3) the information contained in this quarterly information statement is true, accurate, and complete to the best of the signatories' knowledge and belief.

Leon T. Amerson	Theresa E. McCabe	Karen R. Brenner
Chairman of the Board	President and CEO	Managing Director — Financial Management Division

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WHERE YOU CAN FIND ADDITIONAL INFORMATION

Farm Credit System quarterly and annual information statements and press releases relating to financial results or other developments affecting the System issued by the Federal Farm Credit Banks Funding Corporation (Funding Corporation) for the current fiscal year and the two preceding fiscal years, as well as offering circulars relating to Systemwide Debt Securities, are available on the Funding Corporation's website located at www.farmcreditfunding.com. Other information regarding the System can be found on the System's website located at www.farmcredit.com.

In addition, copies of quarterly and annual reports of each Bank and each Farm Credit Bank (AgFirst Farm Credit Bank, AgriBank, FCB and Farm Credit Bank of Texas) combined with its affiliated Associations may be obtained from each individual Bank. Bank addresses and telephone numbers where copies of these documents may be obtained are listed on page S-5 of this quarterly information statement. These documents and further information on each Bank or each Farm Credit Bank combined with its affiliated Associations and links to a Bank's affiliated Associations' websites are also available on the Funding Corporation's website or each Bank's website as follows:

- AgFirst Farm Credit Bank — www.agfirst.com
- AgriBank, FCB — www.agribank.com
- CoBank, ACB — www.cobank.com
- Farm Credit Bank of Texas — www.farmcreditbank.com

Information contained on these websites is not incorporated by reference into this quarterly information statement and you should not consider information contained on these websites to be part of this quarterly information statement.

Overview of the Farm Credit System

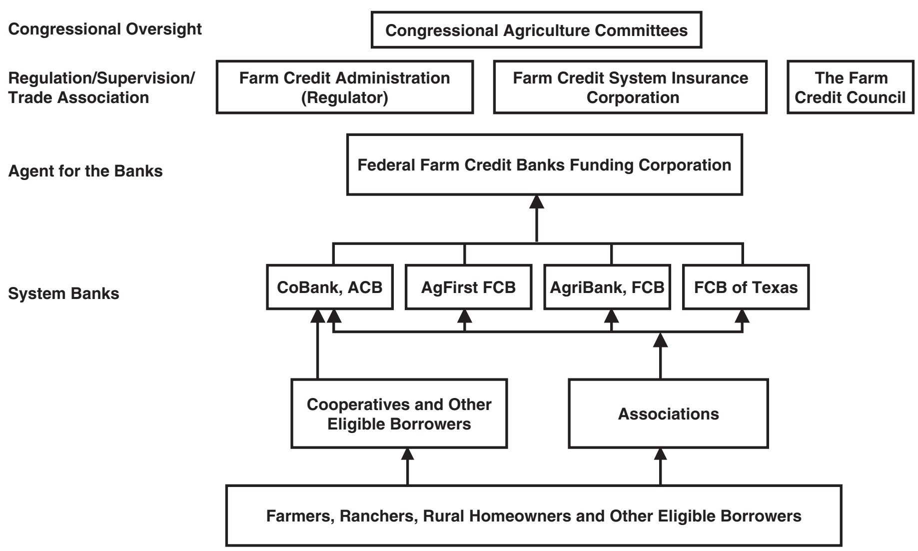
The Farm Credit System is a federally chartered network of borrower-owned lending institutions comprised of cooperatives and related service organizations. Cooperatives are organizations that are owned and controlled by their members who use the cooperatives' products or services. The U.S. Congress authorized the creation of the first System institutions in 1916. Our mission is to support rural communities and agriculture with reliable, consistent credit and financial services. We do this by making appropriately structured loans to qualified individuals and businesses at competitive rates and providing financial services and advice to those borrowers and businesses.

Consistent with our mission of supporting rural America, we also make rural residential real estate loans, finance rural power, communication and water infrastructures and make loans to support agricultural exports and to finance other eligible entities.

Congress established the Farm Credit Administration as the System's independent federal regulator to examine and regulate System institutions, including their safety and soundness. System institutions are federal instrumentalities.

Structure/Ownership of the Farm Credit System

The following chart depicts the current overall structure and ownership of the System.



The Associations are cooperatives owned by their borrowers, and the Farm Credit Banks (AgFirst, AgriBank and Texas) are cooperatives primarily owned by their affiliated Associations. The Agricultural Credit Bank (CoBank) is a cooperative principally owned by cooperatives, other eligible borrowers and its affiliated Associations. The Banks and Associations each have their own board of directors and are not commonly owned. Each Bank and Association manages and controls its own business activities, operations and financial performance.

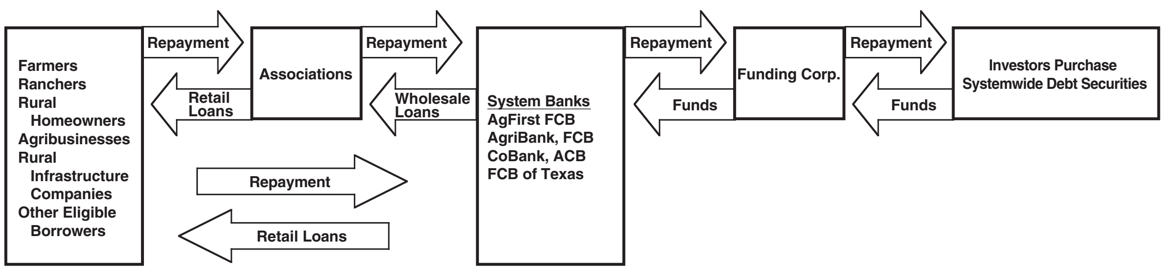
The Banks jointly own the Funding Corporation. The Funding Corporation, as agent for the Banks, issues and markets Systemwide Debt Securities in order to raise funds for the lending activities and operations of the Banks and Associations. The Funding Corporation also provides the Banks with certain consulting, accounting and financial reporting services, including the preparation of the System's quarterly and annual information statements and the System's combined financial statements contained in those information statements. As the System's financial spokesperson, the Funding Corporation is primarily responsible for financial disclosure and the release of public information concerning the financial condition and performance of the System.

Systemwide Debt Securities are the general unsecured joint and several obligations of the Banks. Systemwide Debt Securities are not obligations of and are not guaranteed by the United States government. In addition, Systemwide Debt Securities are not the direct obligations of the Associations and, as a result, the capital of the Associations may not be available to support principal or interest payments on Systemwide Debt Securities.

Our Business Model

A Bank and its affiliated Associations are financially and operationally interdependent as the Bank is statutorily required to serve as an intermediary between the financial markets and the retail lending activities of its affiliated Associations. The Banks are the primary source of funds for the Associations. Associations are not legally authorized to accept deposits and may not borrow from other financial institutions without the approval of their affiliated Bank. The Banks are not legally authorized to accept deposits and they principally obtain their funds through the issuance of Systemwide Debt Securities. Other less significant sources of funding for the Banks include internally generated earnings and the issuance of common and preferred equities. As a result, the loans made by the Associations are primarily funded by the issuance of Systemwide Debt Securities by the Banks. The repayment of Systemwide Debt Securities is dependent upon the ability of borrowers to repay their loans from the Associations. In addition, CoBank makes retail loans and leases directly to agricultural and rural infrastructure cooperatives and businesses and other eligible entities. The Banks also purchase loan participations from Associations, other Banks and non-System lenders. Therefore, the repayment of Systemwide Debt Securities is also dependent upon the ability of these borrowers to repay their loans.

The chart below illustrates the flow of funds from investors in Systemwide Debt Securities to the System's borrowers and the ultimate repayment of funds to investors resulting from borrower loan repayments.



Overview of Our Business

As required by the Farm Credit Act, we specialize in providing financing and related services to eligible, creditworthy borrowers in the agricultural and rural sectors, to certain related entities, and to domestic or foreign parties in connection with the export of U.S. agricultural products. We make credit available in all 50 states, the Commonwealth of Puerto Rico, and, under conditions set forth in the Farm Credit Act, U.S. territories.

System institutions may also provide a variety of financially related services to their borrowers designed to enhance their business, including acting as agent or broker for credit and mortgage-life insurance, disability insurance, various types of crop insurance and livestock risk protection. The insurance is made available through private insurers.

Other services offered by System institutions include estate planning, record keeping, tax planning and preparation, fee appraisal, cash management products and services, and consulting. In addition, some System institutions provide leasing and related services to their customers.

As more fully discussed on page 9 in the *2016 Annual Information Statement*, a limited number of Associations have entered into a contractual arrangement to provide financial support to a captive reinsurance company in specified amounts that are not material to the System's financial condition or results of operations. That company provides reinsurance for crop insurance policies.

Government-Sponsored Enterprise Status

In order to better accomplish our mission, Congress has granted the System certain attributes that result in government-sponsored enterprise status for the System. As a government-sponsored enterprise, we have traditionally been able to raise funds at competitive rates and terms, in varying economic environments. This ability to raise funds has historically allowed us to make competitively priced loans to eligible borrowers through all economic cycles and thus accomplish our mission.

Agricultural Industry Overview

The agricultural sector has been a key economic force in the U.S. economy and is strongly affected by domestic and global economic conditions. The System was created to provide support for this sector because of its significance to the well-being of the U.S. economy and the U.S. consumer. Profitability in our business is dependent on the health of the U.S. agricultural sector, which is heavily influenced by domestic and world demand for agricultural products, and impacted by government support programs, including crop insurance, which is available to producers of certain agricultural commodities. Further, off-farm income is important to the repayment ability of many agricultural producers. Accordingly, our business also may be impacted by the health of the general U.S. economy.

System Lending Institutions

The two types of entities through which we conduct our lending business are the Banks and the Associations.

Banks

At September 30, 2017, the System had four Banks (three Farm Credit Banks and one Agricultural Credit Bank). The Banks' lending operations include wholesale loans to their affiliated Associations and loan participations in eligible loans purchased from Associations, other Banks and non-System lenders. In addition, CoBank, as the Agricultural Credit Bank, has additional nationwide authority to make retail loans directly to agricultural and rural infrastructure cooperatives and businesses and other eligible entities.

The Banks obtain a substantial majority of funds for their lending operations through the issuance of Systemwide Debt Securities, but also obtain funds from internally generated earnings and from the issuance of common and preferred equities.

Associations

At October 1, 2017, the System had 69 Associations throughout the nation and the Commonwealth of Puerto Rico. There were 68 Agricultural Credit Associations with Production Credit Association subsidiaries and Federal Land Credit Association subsidiaries, and one Federal Land Credit Association. The Federal Land Credit Association makes real estate mortgage loans, including rural residential real estate loans. Agricultural Credit Associations may, directly or through their subsidiaries, make real estate mortgage loans, production and intermediate-term loans, agribusiness loans (processing and marketing loans, and certain farm-related business loans) and rural residential real estate loans. These retail loans are made to farmers, ranchers, producers or harvesters of aquatic products, farm-related businesses and rural homeowners. Associations may also purchase eligible loan participations from other System entities and non-System lenders.

The Associations obtain a substantial majority of the funds for their lending operations from borrowings from their affiliated Bank, but also obtain funds from internally generated earnings and from the issuance of equities.

Farm Credit Insurance Fund

As more fully discussed on page 23 in the *2016 Annual Information Statement*, the Farm Credit System Insurance Corporation's primary purpose is to insure the timely payment of principal and interest on Systemwide Debt Securities. The Insurance Corporation maintains the Insurance Fund for this purpose and for certain other mandatory and discretionary purposes. In the event a Bank is unable to timely pay principal or interest on any insured debt obligation for which that Bank is primarily liable, the Insurance Corporation must expend amounts in the Insurance Fund to the extent available to insure the timely payment of principal and interest on the debt obligation. The provisions of the Farm Credit Act providing for joint and several liability of the Banks on the debt obligation cannot be invoked until the Insurance Fund has been exhausted. The insurance provided through use of the Insurance Fund is not an obligation of and is not a guarantee by the United States government.

Disclosure Obligations

The Farm Credit Administration has promulgated regulations intended to ensure the appropriate disclosure of financial and other information concerning the System to investors in Systemwide Debt Securities and other interested parties. These disclosures are the responsibility of the System Disclosure Entities, which consist of the Banks and the Funding Corporation. For a description of the responsibilities of the System Disclosure Entities, see page 19 of the *2016 Annual Information Statement*.

Governance — Code of Ethics

Each Bank and the Funding Corporation have adopted codes of ethics that apply to their chief executive officers, certain other executives, and finance and accounting senior professionals who are involved with the preparation of the System's financial statements and the maintenance of the financial records supporting the financial statements.

The Funding Corporation will disclose material amendments to or any waivers from a required provision of the codes of ethics for any individual covered by the Banks' or the Funding Corporation's codes of ethics by including that information in future information statements. No such amendments or waivers were made during the first nine months of 2017. A copy of the Funding Corporation's code of ethics related to the preparation of the System's quarterly and annual information statements can be accessed on the Funding Corporation's website at www.farmcreditfunding.com. Each Bank's code of ethics includes similar content and can be accessed through each of their respective websites listed on page 2.

Risk Factors

Other than described below, there have been no material changes to the risk factors previously disclosed in the System's *2016 Annual Information Statement.*

Changes in LIBOR could adversely affect the Banks' operations and cash flows.

The interest rates paid or received by System institutions on borrowings, loans and investments are based on LIBOR. Regulators and law enforcement agencies in the United Kingdom and elsewhere are conducting civil and criminal investigations into whether the banks that contributed rates and other information to the British Bankers' Association in connection with the calculation of daily LIBOR may have been under-reporting or otherwise manipulating or attempting to manipulate LIBOR. A number of member banks have entered into settlements with their regulators and law enforcement agencies with respect to this alleged manipulation. In September 2012, the U.K. government published the results of its review of LIBOR (commonly referred to as the "Wheatley Review"). Based on the Wheatley Review, final rules for the regulation and supervision of LIBOR by the Financial Conduct Authority were published and came into effect.

The Financial Conduct Authority rules include requirements that (1) an independent LIBOR administrator monitor and survey LIBOR submissions to identify breaches of practice standards and/or potentially manipulative behavior, and (2) firms submitting data to the LIBOR administrator establish and maintain a clear conflicts of interest policy and appropriate systems and controls. In addition, in response to the Wheatley Review recommendations, ICE Benchmark Administration Limited (the "ICE Administration") was appointed as the independent LIBOR administrator. On July 27, 2017, the Financial Conduct Authority announced that it will no longer persuade or compel banks to submit rates for the calculation of the LIBOR rates after 2021. Furthermore, in the United States, efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee of the Federal Reserve Board and the Federal Reserve Bank of New York.

Actions by ICE Administration, regulators or law enforcement agencies may result in changes to the manner in which LIBOR is determined or the establishment of alternative reference rates. At this time, it is not possible to predict the effect of any changes to the methodology for calculating LIBOR, any establishment of alternative reference rates or any other reforms to LIBOR that may be enacted in the United Kingdom, in the United States or elsewhere. Uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the trading market for LIBOR-based instruments, inclusive of Bank debt and derivatives. Reform of, or the replacement or disappearance of, LIBOR and the proposed regulation of LIBOR and other "benchmarks" may adversely affect the rates of interest the System pays on its Systemwide Debt and that System institutions pay as well as the value of and return on a Bank's loans and investments and the value and effectiveness of its derivatives. This could adversely affect the Banks' cash flows. Moreover, if LIBOR is replaced, the Banks will need to take steps to restructure their debt and derivatives, which could adversely affect the Banks' operations.

OTHER BUSINESS MATTERS

Legal Proceedings

On June 13, 2016, a lawsuit was commenced by the filing of a complaint in the United States District Court Southern District of New York against CoBank by a number of investors who held CoBank's 7.875% Subordinated Notes due in 2018. For additional information, see Note 13 of the accompanying condensed combined financial statements.

On November 4, 2016, an alleged class action complaint was filed in the Supreme Court of the State of New York against AgriBank by a purported beneficial owner of AgriBank's 9.125% subordinated notes due in 2019. For additional information, see Note 13 of the accompanying condensed combined financial statements.

At September 30, 2017, various other lawsuits were pending or threatened against System institutions. In the opinion of management, based on information currently available and taking into account the advice of legal counsel, the ultimate liability, if any, of pending legal actions will not have a material adverse impact on the System's combined results of operations or financial condition.

SELECTED COMBINED FINANCIAL DATA AND KEY FINANCIAL RATIOS

The following selected combined financial data for each of the three years in the period ended December 31, 2016 has been derived from the audited combined financial statements of the Farm Credit System. The selected combined financial data and combined financial statements of the System combine the financial condition and operating results of each of the Banks, their affiliated Associations, the Federal Farm Credit Banks Funding Corporation, and the Farm Credit Insurance Fund, and reflect the investments in, and allocated earnings of, certain service organizations owned by the Banks or Associations. All significant intra-System transactions and balances have been eliminated in combination. Because System entities are financially and operationally interdependent, we believe providing the combined financial information is more meaningful to investors in Systemwide Debt Securities than financial information relating to the Banks on a stand-alone basis (i.e., without the Associations).

While this quarterly information statement reports on the combined financial condition and results of operations of the Banks, Associations, and other System entities specified above, only the Banks are jointly and severally liable for the repayment of Systemwide Debt Securities. See Note 14 to the accompanying condensed combined financial statements for combining Bank-only financial condition and results of operations. Also, copies of quarterly and annual reports of each Bank are available on each of their respective websites; see page 2 for a listing of their websites.

The combined financial data for the nine months ended September 30, 2017 and 2016 has been derived from the System's unaudited condensed combined financial statements appearing elsewhere herein, which include all adjustments necessary for a fair statement of the results for these interim periods.

	September 30,		December 31,		
	2017	2016	2016	2015	2014
	(unaudited)		(in millions)		
Combined Statement of Condition Data					
Loans	$251,162	$242,124	$248,768	$235,890	$217,054
Allowance for loan losses	(1,610)	(1,457)	(1,506)	(1,280)	(1,237)
Net loans	249,552	240,667	247,262	234,610	215,817
Cash, Federal funds sold and investments	60,866	63,178	62,575	59,378	57,839
Accrued interest receivable	2,736	2,508	2,140	1,973	1,824
Other property owned	63	81	75	96	132
Total assets	321,591	314,361	319,915	303,503	282,733
Systemwide bonds	232,332	218,979	228,159	210,935	198,225
Systemwide medium-term notes	89	102	95	118	135
Systemwide discount notes	25,430	32,911	29,528	32,282	26,971
Subordinated debt		598	499	1,550	1,550
Other bonds	2,348	3,269	2,431	2,879	3,627
Total liabilities	266,086	261,970	267,604	254,669	237,027
Capital	55,505	52,391	52,311	48,834	45,706

	For the Nine Months Ended September 30,		For the Year Ended December 31,		
	2017	2016	2016	2015	2014
	(unaudited)		(in millions)		
Combined Statement of Income Data					
Net interest income	$ 5,752	$ 5,524	$ 7,447	$ 7,015	$ 6,804
Provision for loan losses	(188)	(218)	(266)	(106)	(40)
Net noninterest expense	(1,706)	(1,581)	(2,158)	(2,024)	(1,819)
Income before income taxes	3,858	3,725	5,023	4,885	4,945
Provision for income taxes	(142)	(136)	(175)	(197)	(221)
Net income	$ 3,716	$ 3,589	$ 4,848	$ 4,688	$ 4,724

Combined Key Financial Ratios

Certain combined key financial ratios of the System are set forth below:

	For the Nine Months Ended September 30,		For the Year Ended December 31,		
	2017	2016	2016	2015	2014
Return on average assets	1.55%	1.55%	1.56%	1.64%	1.77%
Return on average capital	9.14	9.40	9.44	9.87	10.62
Net interest income as a percentage of average earning assets	2.47	2.47	2.49	2.55	2.64
Operating expense as a percentage of net interest income and noninterest income	34.5	34.1	34.6	35.0	33.8
Net loan charge-offs as a percentage of average loans	0.01	0.01	0.02	0.02	0.03

	September 30,		December 31,		
	2017	2016	2016	2015	2014
Nonperforming assets as a percentage of loans and other property owned	0.84%	0.85%	0.82%	0.73%	0.86%
Allowance for loan losses as a percentage of loans outstanding	0.64	0.60	0.61	0.54	0.57
Capital as a percentage of total assets	17.3	16.7	16.4	16.1	16.2
Capital and allowance for loan losses as a percentage of loans outstanding	22.7	22.2	21.6	21.2	21.6
Debt to capital	4.79:1	5.00:1	5.12:1	5.21:1	5.19:1

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

The System's *2016 Annual Information Statement* contains the December 31, 2016 combined financial statements together with commentary that explains the principal aspects of the System's combined financial position and results of operations. The following commentary represents a quarterly supplement to that information statement and includes a discussion of significant financial developments for the nine months ended September 30, 2017. This commentary should be read in conjunction with the *2016 Annual Information Statement* and with the condensed combined financial statements of the System beginning on page F-1 of this quarterly information statement.

Basis of Presentation

The accompanying condensed combined financial statements and related financial information contained in this quarterly information statement present the combined assets, liabilities, capital, income and expenses of the Banks, the Associations, the Federal Farm Credit Banks Funding Corporation and the Farm Credit Insurance Fund, and reflect the investments in and allocated earnings of certain service organizations owned by the Banks or Associations. All significant intra-System transactions and balances have been eliminated in combination. (See Note 1 to the accompanying condensed combined financial statements for additional information on organization and significant accounting policies and the Supplemental Combining Information on pages F-51 through F-57). This quarterly information statement has been prepared under the oversight of the System Audit Committee.

Our financial statements are presented on a combined basis due to the financial and operational interdependence of System entities as discussed in the "Business" section in this quarterly information statement.

Each Bank is primarily liable for the payment of principal and interest on Systemwide Debt Securities issued to fund its operations. (See Note 8 to the accompanying condensed combined financial statements for information about the capital of the Banks, Note 14 for information related to the financial condition and results of operations of the Banks, and the Supplemental Combining Information on pages F-51 through F-53 for information related to the financial condition of the combined Banks.) Because the Associations are not directly liable for the payment of principal or interest on Systemwide Debt Securities, their capital may not be available to support those payments. Under the Farm Credit Act, the timely payment of the principal and interest on Systemwide Debt Securities is insured by the Farm Credit System Insurance Corporation to the extent funds are available in the Insurance Fund. (See Note 5 to the accompanying condensed combined financial statements.)

Forward-Looking Information

Certain sections of this quarterly information statement contain forward-looking statements concerning financial information and statements about future economic performance and events, plans and objectives and assumptions underlying these projections and statements. These projections and statements are not based on historical facts but instead represent our current assumptions and expectations regarding our business, the economy and other future conditions. However, actual results and developments may differ materially from our expectations and forecasts due to a number of risks and uncertainties, many of which are beyond our control. Forward-looking statements can be identified by words such as "anticipates," "believes," "could," "estimates," "may," "should," "will," or other variations of these terms that are intended to reference future periods.

These statements are not guarantees of future performance and involve certain risks and uncertainties and actual results may differ from those in the forward-looking statements as a result of various factors. These risks and uncertainties include, but are not limited to:

- political (including trade and tax policies), legal, regulatory, financial markets and economic conditions and developments in the United States and abroad;
- economic fluctuations in the agricultural, rural infrastructure, international, and farm-related business sectors;
- weather-related, disease, and other adverse climatic or biological conditions that periodically occur that impact agricultural productivity and income;

- changes in U.S. government support of the agricultural industry and the System as a government-sponsored enterprise, as well as investor and rating agency reactions to events involving the U.S. government, other government-sponsored enterprises and other financial institutions;
- actions taken by the Federal Reserve System in implementing monetary policy;
- credit, interest rate and liquidity risk inherent in our lending activities;
- changes in our assumptions for determining the allowance for loan losses, other than temporary impairment and fair value measurements; and
- industry outlooks for agricultural conditions.

Overview

General

The System's combined net income increased $127 million or 3.5% to $3.716 billion for the first nine months of 2017, as compared with net income of $3.589 billion for the same period of 2016. The increase resulted primarily from an increase in net interest income of $228 million and a decrease in the provision for loan losses of $30 million, partially offset by an increase in noninterest expense of $107 million and a decrease in noninterest income of $18 million.

The System's net interest income increased 4.1% to $5.752 billion primarily due to a higher level of average earning assets. The net interest margin remained unchanged at 2.47% for the first nine months of 2017 and 2016. The net interest margin was negatively impacted by a five basis point decline in the net interest spread to 2.24%, which resulted primarily from an increase in debt costs and lower lending spreads due to competitive pressures. The net interest margin was positively impacted by a five basis point increase in income earned on earning assets funded by noninterest-bearing sources (principally capital).

The System's loan portfolio increased $2.394 billion or 1.0% to $251.162 billion at September 30, 2017, as compared with year-end 2016. The increase primarily resulted from an increase in real estate mortgage loans offset, in part, by a decrease in loans to cooperatives. Continued demand by new and existing customers was the primary driver for increased real estate mortgage volume. Loans to cooperatives primarily decreased due to lower seasonal loan volume, which typically reaches a low in late summer and early fall.

The System's nonperforming loans (which consist of nonaccrual loans, accruing restructured and accruing loans 90 days or more past due) increased $74 million to $2.036 billion at September 30, 2017, as compared with $1.962 billion at December 31, 2016, representing 0.81% and 0.79% of total loans for the corresponding periods.

Funding

The System continues to have reliable access to the debt capital markets to support its mission of providing credit and financial services to agriculture, rural infrastructure and rural communities. During the first nine months of 2017, investor demand for Systemwide Debt Securities remained favorable across all products.

The System is a government-sponsored enterprise that continues to benefit from broad access to domestic and global capital markets. This access provides us with a dependable source of competitively priced debt which is critical for supporting our mission of providing credit to agriculture and rural America.

Weather Conditions

In late August and into September 2017, three significant hurricanes, Harvey, Irma and Maria, caused widespread damages to several southern states and the Commonwealth of Puerto Rico. In addition, the recent wildfires in California have caused unprecedented damage to homes and agricultural properties, which will have an economic impact across the region. While it is too early to adequately assess the full impact on System borrowers, we do not anticipate these events will have a significant adverse impact on the System's overall financial condition and results of operations.

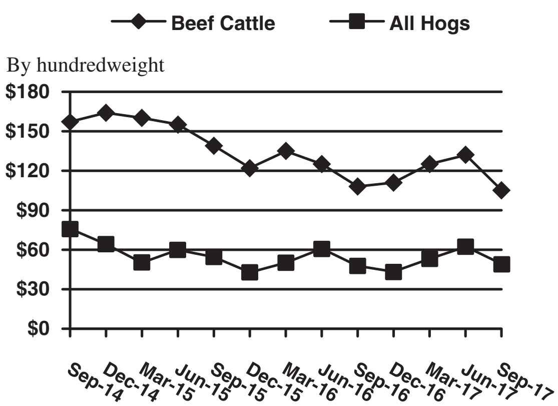
Agricultural Outlook

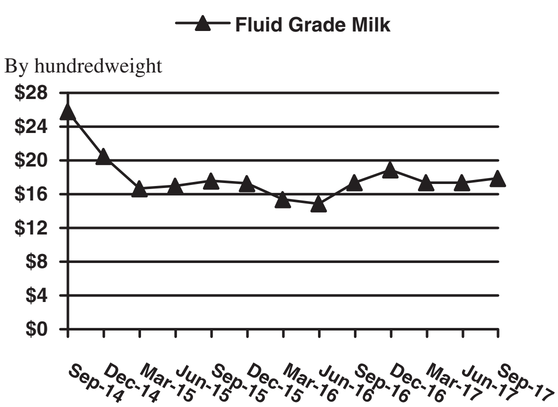
USDA Information

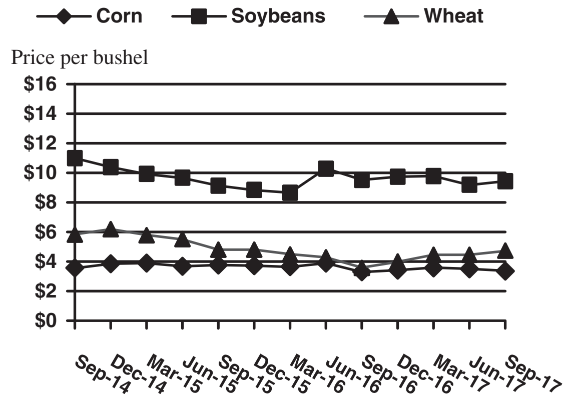
We utilize the United States Department of Agriculture (USDA) analysis to provide a general understanding of the U.S. agricultural economic outlook; however, this outlook does not take into account all aspects of our business or events that occurred subsequent to its issuance. References to USDA information in this section refer to U.S. agricultural market data and not System data.

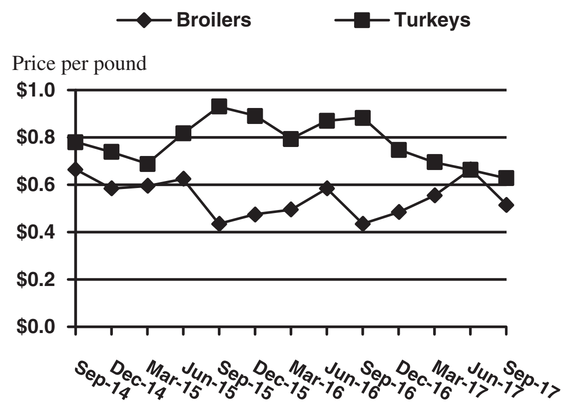
The USDA's most recent forecast (August 30, 2017) estimates farmers' net cash income (a measure of the cash income after payment of business expenses) for 2017 will be $100.4 billion, an $11.2 billion increase from 2016 but $5.0 billion below the 10-year average. The forecasted increase in farmers' net cash income for 2017 is primarily due to an expected increase in cash receipts of $14.2 billion, partially offset by an increase in cash expenses of $4.9 billion.

The following charts set forth certain agricultural commodity prices, utilizing the average monthly price for the last month of each quarter by hundredweight for beef cattle, hogs and milk, per bushel for corn, soybeans and wheat and by pound for poultry, on certain dates during the period from September 30, 2014 to September 30, 2017:









Other Information

Production agriculture is a cyclical business that is heavily influenced by commodity prices, weather, trade policies and various other factors. From 2010 through 2014, agriculture generally experienced favorable economic conditions driven by high commodity and livestock prices and increased farmland values. However, since 2014, the agricultural environment has been more challenging with lower commodity prices, which slowed, or in some cases, reversed the growth in farmland values and compressed producer margins. Currency fluctuations and ambiguity surrounding future U.S. trade policies have created heightened uncertainty around demand for agricultural exports. While U.S. agriculture faces realignments in commodity prices and farmland values, the generally strong financial positions of U.S. crop producers before 2014 is affording them time to transition their operations to a lower price and margin environment. Producers who are able to realize cost and marketing efficiencies are most likely to adapt to the current low price environment. Optimal input usage, adoption of cost-saving technologies, and effective utilization of hedging and other price risk management strategies are all critical in yielding positive net cash income for producers. However, this environment has created loan repayment challenges for producers who are unable to sufficiently adjust their operations to the current environment.

Crop producers have benefited from payments under the government support programs included in the 2014 Farm Bill, which lessened the impact of the lower price environment. Meanwhile, the livestock and dairy sectors have benefitted from lower feed costs but are experiencing compressed margins due to supply/demand changes.

In a prolonged period of less favorable conditions in agriculture, the System's financial performance and credit quality measures would likely be negatively impacted. Any negative impact from these less favorable conditions may be partially mitigated by geographic and commodity diversification across the System and the impact of off-farm income sources supporting agricultural-related debt. However, due to the geographic territories served by Banks and Associations, most System institutions have higher geographic, commodity and borrower concentrations than the System as a whole.

Results of Operations

Net Interest Income

Net interest income increased $86 million or 4.6% to $1.956 billion and increased $228 million or 4.1% to $5.752 billion for the three and nine months ended September 30, 2017, as compared with $1.870 billion and $5.524 billion for the same periods of the prior year. The effects of changes in volume and interest rates on net interest income for the three and nine months ended September 30, 2017, as compared with the corresponding periods of the prior year, are presented in the following table. The table distinguishes between the changes in interest income and interest expense related to average outstanding balances and the levels of average interest rates. The change in the benefit derived from funding earning assets with interest-free funds (principally capital) is reflected solely as an increase in volume.

	For the Three Months Ended September 30, 2017 vs. 2016			For the Nine Months Ended September 30, 2017 vs. 2016		
	Increase (decrease) due to			Increase (decrease) due to		
	Volume	Rate	Total	Volume	Rate	Total
	(in millions)					
Interest income:						
Loans	$84	$221	$305	$313	$404	$717
Investments	(2)	63	61	23	123	146
Total interest income	82	284	366	336	527	863
Interest expense:						
Systemwide Debt Securities and other	13	267	280	73	562	635
Changes in net interest income	$69	$ 17	$ 86	$263	$ (35)	$228

The changes in rates earned on interest-earning assets and rates paid on interest-bearing funds are further illustrated in the following table:

	Three Months Ended				Nine Months Ended			
	September 30, 2017		September 30, 2016		September 30, 2017		September 30, 2016	
	Average Balance	Annualized Rate	Average Balance	Annualized Rate	Average Balance	Annualized Rate	Average Balance	Annualized Rate
	($ in millions)							
Assets								
Real estate mortgage loans	$115,884	4.64%	$111,383	4.43%	$114,406	4.53%	$109,358	4.44%
Production and intermediate-term loans	48,971	4.57	47,762	3.97	47,917	4.33	46,648	3.92
Agribusiness loans	38,963	3.75	37,901	3.15	41,604	3.50	39,427	3.09
Rural infrastructure loans	27,709	4.13	26,957	3.81	27,647	4.00	26,467	3.76
Rural residential real estate loans	7,153	4.41	7,173	4.40	7,132	4.37	7,108	4.42
Agricultural export finance loans	5,524	2.07	5,231	1.55	5,624	1.92	5,278	1.40
Lease receivables	3,455	3.56	3,379	3.64	3,430	3.51	3,360	3.64
Loans to other financing institutions	857	1.92	825	1.58	814	1.80	842	1.53
Nonaccrual loans	1,648	4.32	1,454	4.47	1,613	4.88	1,412	5.34
Total loans	250,164	4.34	242,065	3.99	250,187	4.18	239,900	3.96
Federal funds sold, investments and other interest-earning assets	60,042	1.81	60,363	1.40	59,985	1.70	57,940	1.43
Total earning assets	310,206	3.85	302,428	3.47	310,172	3.70	297,840	3.46
Allowance for loan losses	(1,541)		(1,437)		(1,546)		(1,360)	
Other noninterest-earning assets	11,602		13,142		11,486		12,482	
Total assets	$320,267		$314,133		$320,112		$308,962	
Liabilities and Capital								
Systemwide bonds and medium-term notes	$232,975	1.66%	$219,456	1.27%	$231,956	1.54%	$215,643	1.26%
Systemwide discount notes	24,015	1.03	33,102	0.54	25,701	0.84	32,617	0.48
Subordinated debt and other interest-bearing liabilities	3,294	0.61	4,469	0.81	3,408	0.67	4,681	1.57
Total interest-bearing liabilities	260,284	1.59	257,027	1.17	261,065	1.46	252,941	1.17
Noninterest-bearing liabilities	4,698		5,033		4,857		5,118	
Capital	55,285		52,073		54,190		50,903	
Total liabilities and capital	$320,267		$314,133		$320,112		$308,962	
Net interest spread(1)		2.26		2.30		2.24		2.29
Impact of noninterest-bearing sources		0.26		0.17		0.23		0.18
Net interest margin(2)		2.52%		2.47%		2.47%		2.47%

(1) Net interest spread is the difference between the rate earned on total earning assets and the rate paid on total interest-bearing liabilities.

(2) Net interest margin is net interest income divided by average earning assets.

As illustrated in the above tables, net interest income increased in the three and nine months ended September 30, 2017, as compared with the same periods of the prior year. The increase primarily resulted from a higher level of average earning assets, driven largely by increased loan volume. Average earning assets increased $7.778 billion or 2.6% to $310.206 billion for the three months ended September 30, 2017 and $12.332 billion or 4.1% to $310.172 billion for the nine months ended September 30, 2017, as compared with the same periods of 2016.

The net interest margin was 2.52% for the quarter ended September 30, 2017, as compared with 2.47% for the quarter ended September 30, 2016. The net interest margin was positively impacted by a nine basis point increase in income earned on earning assets funded by non-interest bearing sources (principally capital). This increase was offset by a decrease in the net interest spread of four basis points to 2.26%, as compared with 2.30% for the third quarter of 2016. For the nine-month periods ended September 30, 2017 and 2016, the net interest margin remained unchanged at 2.47%. The net interest margin was negatively impacted by a five basis point decrease in the net interest spread to 2.24% for the nine months ended September 30, 2017, as compared with 2.29% for same period of the prior year and was positively impacted by a five basis point increase in income earned on earning assets funded by non-interest bearing sources for the nine months ended September 30, 2017, as compared with the same period of 2016. The decline in the net interest spread for the three- and nine-month periods of 2017 were primarily the result of an increase in debt costs and lower lending spreads due to competitive pressures.

During the past several years, falling interest rates and an upward sloping yield curve created the opportunity for the Banks to refinance outstanding callable debt at favorable interest rates, which positively impacted net interest income. As a result of rising interest rates and a flattening of the yield curve, the amount of debt called by the Banks declined to $5.0 billion during the first nine months of 2017, as compared with $52.4 billion during the first nine months of 2016. The positive impact on the net interest spread experienced over the past several years from calling Systemwide Debt Securities is anticipated to continue to decline.

Provision for Loan Losses

The System recognized provisions for loan losses of $71 million and $188 million for the three and nine months ended September 30, 2017, as compared with provisions for loan losses of $58 million and $218 million for the three and nine months ended September 30, 2016. The provision for loan losses for the first nine months of both 2017 and 2016 primarily reflected industry-specific reserves for the livestock and grain industries, increased loan volume and modest deterioration in credit quality in certain sectors of the loan portfolio driven by a challenging agricultural economic environment resulting from declining net farm income. Also included in the provision for loan losses for the first nine months of 2017 were specific reserves relating to certain processing and marketing cooperatives.

Noninterest Income

Noninterest income consisted of the following:

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2017	2016	2017	2016
	(in millions)			
Loan-related fee income	$ 39	$ 54	$164	$181
Financially related services income	67	70	147	143
Mineral income	14	14	42	36
Income earned on Insurance Fund assets	14	13	42	34
Operating lease income	7	3	20	20
Net other-than-temporary impairment losses included in earnings		(13)		(15)
Losses on extinguishment of debt	(34)	(18)	(43)	(45)
Net gains on derivative and other transactions	4	2	14	19
Net gains on sales of investments and other assets	1	32	13	46
Other noninterest income	7	6	31	29
Total noninterest income	$119	$163	$430	$448

Noninterest income decreased $44 million or 27.0% to $119 million and $18 million or 4.0% to $430 million for the three and nine months ended September 30, 2017, as compared with the same periods of the prior year. The decrease for the three-month period primarily resulted from decreases in net gains on sales of investments and other assets of $31 million and loan-related fee income of $15 million, due in part to lower loan origination and conversion fees. Also contributing to the decrease was a $16 million increase in losses on extinguishment of debt. Partially offsetting the decrease in noninterest income for the three-month period was a $13 million decrease in net other-than-temporary impairment losses on investments. The decrease for the nine-month period was primarily due to decreases in net gains on sales of investments and other assets of $33 million and loan-related fee income of $17 million offset, in part, by a $15 million decrease in net other-than-temporary impairment losses on investments and an $8 million increase in income earned on Insurance Fund assets.

Noninterest Expense

Noninterest expense increased $28 million or 4.1% to $713 million and increased $107 million or 5.3% to $2.136 billion for the three and nine months ended September 30, 2017, as compared with the same periods of the prior year. Noninterest expense consisted of the following:

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2017	2016	2017	2016
	(in millions)			
Salaries and employee benefits	$461	$453	$1,390	$1,326
Occupancy and equipment expense	61	58	178	174
Purchased services	49	39	130	111
Other operating expense	142	143	434	424
Total operating expense	713	693	2,132	2,035
Net (gains) losses on other property owned		(8)	4	(6)
Total noninterest expense	$713	$685	$2,136	$2,029

The increase in noninterest expense for the three and nine months ended September 30, 2017 was primarily due to increases in salaries and employee benefits and purchased services. Salaries and employee benefits increased $8 million and $64 million for the three and nine months ended September 30, 2017, as compared to the same periods of the prior year, as a result of annual merit increases and higher staffing levels at certain System institutions. Purchased services increased $10 million and $19 million for the three and nine months ended September 30, 2017, as compared to the same periods of the prior year, primarily due to increases in technology and other services related to various business initiatives. Also contributing to the increase for the nine-month period ended September 30, 2017 was a $10 million increase in other operating expense primarily due to increases in various administrative expenses. Operating expense statistics are as follows:

	For the Nine Months Ended September 30,	
	2017	2016
	($ in millions)	
Excess of net interest income over operating expense	$3,620	$3,489
Operating expense as a percentage of net interest income and noninterest income	34.5%	34.1%
Annualized operating expense as a percentage of average earning assets	0.92%	0.91%

Provision for Income Taxes

Provisions for income taxes were $41 million and $142 million for the three and nine months ended September 30, 2017, as compared with $38 million and $136 million for the same periods of the prior year. The effective tax rate was 3.7% for the first nine months of both 2017 and 2016.

Risk Management

Overview

The System is in the business of making agricultural and other loans that require us to take certain risks. Management of risks inherent in our business is essential for our current and long-term financial performance. Prudent and disciplined risk management includes an enterprise risk management structure to identify emerging risks and evaluate risk implications of decisions and actions taken. Each System institution's goal is to mitigate risk, where appropriate, and to properly and effectively identify, measure, price, monitor and report risks in our business activities. Stress testing represents a component of each institution's risk management process. Each System institution is required by regulation to perform stress tests; however, the depth and frequency of these stress tests may vary by institution size and complexity.

The major types of risk for which we have exposure are structural risk, credit risk, interest rate risk, liquidity risk, operational risk, reputational risk and political risk.

Structural Risk Management

Structural risk results from the fact that the System is comprised of Banks and Associations that are cooperatively owned, directly or indirectly, by their borrowers. While System institutions are financially and operationally interdependent, they are not commonly owned. Each System institution is responsible for its own risk management and there are no formal processes or procedures in place to mandate Systemwide risk mitigation actions, including, but not limited to, reducing concentration, interest rate and counterparty credit risk across the System. This structure at times requires action by consensus or contractual agreement. Further, there is structural risk in that only the Banks are jointly and severally liable for the payment of principal and interest on Systemwide Debt Securities. Although capital at the Association level reduces a Bank's credit exposure with respect to its wholesale loans to its affiliated Associations, this capital may not be available to support the payment of principal and interest on Systemwide Debt Securities. (See Notes 8 and 14 to the accompanying condensed combined financial statements for additional information.)

In order to monitor the financial strength of each Bank and mitigate the risks of non-performance by each Bank of its obligations under the Systemwide Debt Securities, we utilize two integrated intra-System financial performance agreements — the Amended and Restated Contractual Interbank Performance Agreement, or CIPA, and the Third Amended and Restated Market Access Agreement, or MAA. Under provisions of the CIPA, a score (CIPA score) is calculated quarterly to measure the financial condition and performance of each District (a Bank and its affiliated Associations) using various ratios that take into account the District's and Bank's capital, asset quality, earnings, interest-rate risk and liquidity. The CIPA score is then compared against the agreed-upon standard of financial condition and performance that each District must achieve and maintain. The measurement standard established under the CIPA is intended to provide an early-warning mechanism to assist in monitoring the financial condition of each District. The performance standard under the CIPA is based on the average CIPA score over a four-quarter period.

The MAA is designed to provide for the timely identification and resolution of individual Bank financial issues and establishes performance criteria and procedures for the Banks that provide operational oversight and control over a Bank's access to System funding. The performance criteria set forth in the MAA are as follows:

- the defined CIPA scores,
- the Tier 1 Leverage ratio of a Bank, and
- the Total Capital ratio of a Bank.

For additional information on the regulatory capital ratios, see page 33.

If a Bank fails to meet the MAA performance criteria, it will be placed into one of three categories. Each category gives the other System Banks and the Funding Corporation (collectively, the MAA Committee) progressively more control over a Bank that has declining financial performance under the MAA performance criteria. A "Category I" Bank is subject to additional monitoring and reporting requirements; a "Category II" Bank's ability to participate in issuances of Systemwide Debt Securities may, subject to the discretion of the MAA Committee, be limited to refinancing maturing debt obligations; and a "Category III" Bank may, subject to the discretion of the MAA Committee, not be permitted to participate in issuances of Systemwide Debt Securities. Decisions by the MAA Committee to permit, limit or prohibit a "Category II" or "Category III" Bank to participate in the issuance of Systemwide Debt Securities are subject to oversight and override by the Farm Credit Administration. A Bank exits these categories by returning to compliance with the agreed-upon performance criteria.

The criteria for the Tier 1 Leverage ratio and the Total Capital ratio are:

	Tier 1 Leverage Ratio	Total Capital Ratio
Category I	<5.0%	<10.5%
Category II	<4.0%	<8.0%
Category III	<3.0%	<7.0%

During the first nine months of 2017, all Banks met the agreed-upon standard of financial condition and performance required by the CIPA and none of the Banks was placed in any of the three categories designated for Banks failing to meet MAA's specified financial criteria. (See Note 14 for each Bank's Tier 1 Leverage and Total Capital ratios.) For additional information regarding the CIPA or the MAA, see pages 22, 23, 47 and 48 in the *2016 Annual Information Statement.*

Credit Risk Management

Credit risk arises from the potential inability of an obligor to meet its payment obligation and exists in our outstanding loans, letters of credit, unfunded loan commitments, investment portfolios and derivative counterparty credit exposures. (See pages 27 and 28 for a discussion regarding derivative counterparty exposure.)

System institutions manage credit risk associated with their retail lending activities through an analysis of the credit risk profile of an individual borrower. Each Bank and Association has its own set of underwriting standards and lending policies, approved by its board of directors, that provides direction to its loan officers. Underwriting standards include, among other things, an evaluation of:

- character — borrower integrity and credit history,
- capacity — repayment capacity of the borrower based on cash flows from operations or other sources of income,
- collateral — protects the lender in the event of default and represents a potential secondary source of loan repayment,
- capital — ability of the operation to survive unanticipated risks, and
- conditions — intended use of the loan funds.

The retail credit risk management process begins with an analysis of the borrower's credit history, repayment capacity, financial position, and collateral, which includes an analysis of credit scores for smaller loans. Repayment capacity focuses on the borrower's ability to repay the loan based on cash flows from operations or other sources of income, including off-farm income.

Although System institutions monitor credit risk individually, the System has established a quarterly process to report System large loan exposures (outstanding loan amounts plus any unfunded loan commitments). A System risk management committee reviews and monitors large loan exposures to existing individual customers that may reach $1.0 billion or, in certain limited circumstances, $1.5 billion. Since it is possible that one or more System institutions may simultaneously make credit available to a customer that may, in the aggregate, exceed these limits, the process provides for quarterly data to be compiled on existing large loan exposures with notice provided to the Banks and Associations of the largest loan exposures, including all loan exposures to a borrower greater than 75% of the $1.0 billion level or $750 million. While this process captures information regarding large loan exposures, any credit decision resides with the individual System institutions. At September 30, 2017, one exposure was above $1.0 billion but less than $1.5 billion, as compared with two exposures above $1.0 billion but less than $1.5 billion at December 31, 2016. Additionally, ten exposures at September 30, 2017 and eight exposures at December 31, 2016 exceeded $750 million.

For a detailed discussion of our credit risk management practices, see pages 48 through 50 in the *2016 Annual Information Statement.*

Loan Portfolio

The System's loan portfolio consists only of retail loans. For additional information on the types of loans we make, see pages 7 through 9 in the *2016 Annual Information Statement*. Bank loans to affiliated Associations have been eliminated in the condensed combined financial statements. Loans outstanding consisted of the following:

	September 30, 2017	December 31, 2016
	(in millions)	
Real estate mortgage	$117,599	$114,446
Production and intermediate-term	50,321	50,282
Agribusiness:		
Processing and marketing	21,261	21,166
Loans to cooperatives	13,922	15,300
Farm-related business	3,086	3,162
Rural infrastructure:		
Power	19,364	19,577
Communication	6,395	6,023
Water/waste water	1,929	1,840
Rural residential real estate	7,219	7,148
Agricultural export finance	5,688	5,531
Lease receivables	3,516	3,480
Loans to other financing institutions	862	813
Total loans	$251,162	$248,768

Loan volume increased $2.394 billion or 1.0% to $251.162 billion at September 30, 2017, as compared with $248.768 billion at December 31, 2016, primarily as a result of an increase in real estate mortgage loans offset, in part, by a decrease in loans to cooperatives.

Real estate mortgage loans increased $3.153 billion or 2.8% during the first nine months of 2017, primarily due to continued demand by new and existing customers.

Loans to cooperatives decreased $1.378 billion or 9.0%, as compared with December 31, 2016, primarily due to lower seasonal loan volume, which typically reaches a low in late summer and early fall.

System institutions have reduced, to some extent, the credit risk of certain real estate mortgage loans by entering into agreements that provide long-term standby commitments to purchase System loans and other credit guarantees. The amount of loans under credit guarantees was $3.172 billion at September 30, 2017 and $3.307 billion at December 31, 2016, of which $1.821 billion and $1.825 billion was provided by Farmer Mac at September 30, 2017 and at December 31, 2016. For additional information on Farmer Mac, see page 12 in the *2016 Annual Information Statement*.

Nonperforming Assets

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

	September 30, 2017	December 31, 2016
	(in millions)	
Nonaccrual loans:		
Real estate mortgage	$ 849	$ 835
Production and intermediate-term	520	494
Agribusiness	220	167
Rural infrastructure	11	
Rural residential real estate	53	52
Agricultural export finance	4	
Lease receivables	44	43
Total nonaccrual loans	1,701	1,591
Accruing restructured loans:		
Real estate mortgage	186	182
Production and intermediate-term	101	94
Agribusiness	4	2
Rural infrastructure		59
Rural residential real estate	7	7
Total accruing restructured loans	298	344
Accruing loans 90 days or more past due:		
Real estate mortgage	19	16
Production and intermediate-term	16	10
Agribusiness	1	
Lease receivables	1	1
Total accruing loans 90 days or more past due	37	27
Total nonperforming loans	2,036	1,962
Other property owned	63	75
Total nonperforming assets	$2,099	$2,037

	September 30, 2017	December 31, 2016
Nonaccrual loans as a percentage of total loans	0.68%	0.64%
Nonperforming assets as a percentage of total loans and other property owned	0.84	0.82
Nonperforming assets as a percentage of capital	3.78	3.89

The following table presents the nonaccrual loan activity:

	For the Nine Months Ended September 30,	
	2017	2016
	(in millions)	
Balance at beginning of period	$1,591	$1,324
Additions:		
Gross amounts transferred into nonaccrual	799	957
Recoveries	27	30
Advances	247	139
Other, net		5
Reductions:		
Charge-offs	(48)	(51)
Transfers to other property owned (book value)	(21)	(35)
Returned to accrual status	(93)	(154)
Repayments	(801)	(642)
Balance at end of period	$1,701	$1,573

Nonaccrual loans increased $110 million or 6.9% during the first nine months of 2017 to $1.701 billion at September 30, 2017, primarily due to loans transferred into nonaccrual status and advances in excess of repayments on nonaccrual loans. The increase was primarily due to the impact of reduced net farm income in certain agriculture production sectors and deterioration in the credit quality of a limited number of agribusiness borrowers. Nonaccrual loans that were current as to principal and interest were 60.3% of total nonaccrual loans at September 30, 2017, as compared with 55.6% at December 31, 2016. Accruing loans 90 days or more past due increased $10 million to $37 million at September 30, 2017. These past due loans are considered well secured and in the process of collection.

Loan delinquencies (accruing loans 30 days or more past due) as a percentage of accruing loans was 0.22% at September 30, 2017, as compared with 0.21% at September 30, 2016. Loans classified under the Farm Credit Administration's Uniform Loan Classification System as a percentage of total loans and accrued interest receivable was as follows:

	September 30, 2017	December 31, 2016
Acceptable	93.6%	94.5%
Other assets especially mentioned	3.2	2.9
Substandard/doubtful	3.2	2.6
Total	100.0%	100.0%

Allowance for Loan Losses

The allowance for loan losses was $1.610 billion at September 30, 2017 and $1.506 billion at December 31, 2016. Net loan charge-offs of $5 million and $21 million were recorded during the third quarter and first nine months of 2017, respectively, as compared with net loan charge-offs of $8 million and $20 million for the same periods of the prior year. The System's allowance for loan losses represents the aggregate of each System entity's individual evaluation of its allowance for loan losses requirements. Although aggregated in the System's condensed combined financial statements, the allowance for loan losses of each System entity is specific to that institution and is not available to absorb losses realized by other System entities. Managements' evaluations consider factors that include, among other things, loan loss experience, portfolio quality, loan portfolio composition, collateral value, current agricultural production conditions and economic conditions.

Although certain System borrowers have faced challenges due to reduced net farm income in certain sectors, their financial positions remain generally healthy given the past decade of favorable U.S. farm economic conditions. System underwriting standards require strong collateral support for loans. By regulation, all non-guaranteed long-term real estate mortgage loans must have a loan-to-value ratio of 85% or less at origination. Most of the System's real estate mortgage loans at origination had a loan-to-value ratio below the statutory maximum of 85%. These factors help mitigate the System's exposure to loan losses. At September 30, 2017, $607 million of the System's $2.036 billion of nonperforming loans had specific reserves (representing probable losses) of $174 million. The remaining $1.429 billion of nonperforming loans were evaluated and determined not to need a specific reserve.

The following table presents the activity in the allowance for loan losses:

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2017	2016	2017	2016
	($ in millions)			
Balance at beginning of period	$1,588	$1,433	$1,506	$1,280
Charge-offs:				
Real estate mortgage	(1)	(3)	(10)	(9)
Production and intermediate-term	(11)	(17)	(31)	(33)
Agribusiness			(3)	(6)
Rural residential real estate	(1)		(2)	(2)
Lease receivables	(1)	(1)	(2)	(2)
Total charge-offs	(14)	(21)	(48)	(52)
Recoveries:				
Real estate mortgage	1	7	5	13
Production and intermediate-term	6	3	14	10
Agribusiness	1		5	4
Rural infrastructure		3	2	4
Rural residential real estate	1		1	1
Total recoveries	9	13	27	32
Net charge-offs	(5)	(8)	(21)	(20)
Provision for loan losses	71	58	188	218
Adjustment due to Association mergers*	(35)		(38)	(1)
Reclassification to/from reserve for unfunded commitments**	(9)	(26)	(25)	(20)
Balance at end of period	$1,610	$1,457	$1,610	$1,457
Annualized ratio of net charge-offs during the period to average loans outstanding during the period	0.01%	0.01%	0.01%	0.01%

* Represents the elimination of the allowance for loan losses in connection with Association mergers that were accounted for under the acquisition method of accounting. See Note 7 to the accompanying condensed combined financial statements.

** Represents reclassifications between the allowance for loan losses and the reserve for unfunded commitments primarily as a result of advances on or repayments of seasonal lines of credit or other loans.

Allowance for loan losses by loan type is as follows:

	September 30, 2017		December 31, 2016	
	Amount	%	Amount	%
	($ in millions)			
Real estate mortgage	$ 445	27.6%	$ 399	26.5%
Production and intermediate-term	466	28.9	417	27.7
Agribusiness	410	25.5	407	27.0
Rural infrastructure	204	12.7	201	13.3
Rural residential real estate	20	1.2	21	1.4
Agricultural export finance	16	1.0	15	1.0
Lease receivables	48	3.0	45	3.0
Loans to other financing institutions	1	0.1	1	0.1
Total	$1,610	100.0%	$1,506	100.0%

The allowance for loan losses as a percentage of loans outstanding and as a percentage of certain other credit quality indicators is shown below:

	September 30, 2017	December 31, 2016
Allowance for loan losses as a percentage of:		
Total loans	0.64%	0.61%
Nonperforming loans	79.1	76.8
Nonaccrual loans	94.7	94.7

Interest Rate Risk Management

Interest rate risk is the risk of loss of future earnings or long-term market value of equity that may result from changes in interest rates. This risk can produce variability in System earnings (net interest spread achieved and net interest income earned) and, ultimately, the long-term capital position of the System. The System actively manages the following risks:

- Yield curve risk — results from changes in the level, shape, and implied volatility of the yield curve. Changes in the yield curve often arise due to the market's expectation of future interest rates at different points along the yield curve.
- Repricing risk — results from the timing differences (mismatches) between financial assets and related funding that limit the ability to alter or adjust the rates earned on assets or paid on liabilities in response to changes in market interest rates.
- Option risk — results from "embedded options" that are present in many financial instruments, including the right to prepay loans before the contractual maturity date. Lending practices or loan features that provide the borrower with flexibility frequently introduce a risk exposure for the lender. For example, a fixed-rate loan product may provide a potential borrower with a rate guarantee, an option to lock-in the loan rate for a period of time prior to closing, which protects the borrower from an increase in interest rates between the time loan terms are negotiated and the loan closes. If interest rates increase while the rate guarantee is in effect and if we do not take measures to hedge the rate guarantee, we might realize a lower spread than expected when the loan is funded.

  After the loan settles, the borrower may also have the option to repay the loan's principal ahead of schedule. If interest rates fall, System institutions may be forced to reinvest principal repaid from higher-rate loans at a lower rate, which may reduce the interest rate spread unless the underlying debt can be similarly refinanced.

  Interest rate caps are another form of embedded options that may be present in certain investments and floating and adjustable rate loans. Interest rate caps typically prevent the investment or loan rate from increasing above a defined limit. In a rising interest rate environment, the spread may be reduced if caps limit upward adjustments to floating investment or loan rates while debt costs continue to increase.
- Basis risk — results from unexpected changes in the relationships among interest rates and interest rate indexes. Basis risk can produce volatility in the spread earned on a loan or an investment relative to its cost of funds. This risk arises when the floating-rate index tied to a loan or investment differs from the index on the Systemwide Debt Security issued to fund the loan or investment.

The goal of the Banks in managing interest rate risk is to maintain stable earnings and preserve the long-term market value of equity. In most cases, the wholesale funding provided by a Bank to an Association matches the terms and embedded options of the Association's retail loans. This funding approach shifts the majority of the interest rate risk connected with retail loans from the Association to its funding Bank where interest rate risk is managed centrally. The Banks and Associations are responsible for developing asset/liability management policies and strategies to manage interest rate risk and for monitoring this risk on a regular basis. These policies include guidelines for measuring and evaluating exposures to interest rate risk. In addition, the policies establish limits for interest rate risk and define the role of the board of directors in delegating day-to-day responsibility for interest rate risk management to Bank or Association management. That authority is delegated to an asset/liability management committee, made up of senior Bank or Association managers. The policies define the composition of the committee and its responsibilities. Interest rate risk management is also subject to certain intra-System agreements, including the CIPA and MAA, and regulatory oversight by the Farm Credit Administration.

One of the primary benefits of our status as a government-sponsored enterprise debt issuer is that, through the Funding Corporation and its selling group, the System has daily access to the debt markets and a great deal of flexibility in structuring the maturity and types of debt securities we issue to match asset cash flows. The ability to quickly access the debt markets helps us minimize the risk that interest rates might change between the time a loan commitment is made and the time it is funded.

Flexibility in structuring debt enables us to issue Systemwide Debt Securities that offset most of the primary interest rate risk exposures embedded in our loans. For example, by issuing LIBOR-indexed, floating-rate Systemwide Debt Securities we are able to minimize the basis risk exposure presented by our LIBOR-indexed, floating-rate loans. As discussed above, some of our fixed-rate loans may provide borrowers with the option to prepay their loans. In most interest rate environments, we are able to significantly offset the risk created by a prepayment option by funding prepayable fixed-rate loans with callable debt. Callable debt provides us with the option to retire debt early to offset prepayment risk in earning assets or refinance debt in a declining interest rate environment.

Approximately 75% of our fixed-rate loans provide the borrowers with the option to prepay their loan at any time without fees, and the remainder of the System's fixed-rate loans contain provisions requiring prepayment fees to partially or fully compensate the System for the cost of retiring the debt, some of which may be non-callable.

The Banks participate in the derivatives markets, which provide additional tools to manage interest rate risk. Our use of derivatives is detailed later in this section.

Interest Rate Risk Measurements

The Banks measure interest rate risk using interest rate gap analysis, net interest income sensitivity analysis and market value of equity sensitivity analysis and duration gap analysis. These measures are calculated on a monthly basis and the assumptions used in these analyses are monitored routinely and adjusted as necessary.

Interest Rate Risk Management Results

Interest Rate Gap Analysis

The interest rate gap analysis presents a comparison of interest-sensitive assets and liabilities in defined time segments as of September 30, 2017. The interest rate gap analysis is a static indicator, which does not reflect the dynamics of balance sheet, cash flows, rate and spread changes, and may not necessarily indicate the sensitivity of net interest income in a changing rate environment. Within the gap analysis, gaps are created when an institution uses its capital to fund assets. Capital reduces the amount of debt that otherwise would be required to fund a certain level of assets. The quantity of earning assets will exceed the quantity of interest-bearing liabilities in any repricing interval where capital provides part of the funding. The gap table below includes anticipated cash flows on interest sensitive assets and liabilities given the current level of interest rates.

	Repricing Intervals				
	0-6 Months	6 Months to 1 Year	1-5 Years	Over 5 Years	Total
	($ in millions)				
Floating-rate loans:					
Indexed/adjustable-rate loans	$ 44,884	$ 397	$ 1,054	$ 729	$ 47,064
Administered-rate loans	52,550				52,550
Fixed-rate loans:					
Fixed-rate with prepayment or conversion fees	5,312	2,880	12,852	15,777	36,821
Fixed-rate without prepayment or conversion fees	23,353	10,708	47,712	31,253	113,026
Nonaccrual loans				1,701	1,701
Total gross loans	126,099	13,985	61,618	49,460	251,162
Federal funds sold, investments and other interest-earning assets	28,036	5,197	18,523	8,209	59,965
Total earning assets	154,135	19,182	80,141	57,669	311,127
Interest-bearing liabilities:					
Callable bonds and notes	3,615	3,618	39,856	22,340	69,429
Noncallable bonds and notes	123,638	18,029	30,490	16,265	188,422
Other interest-bearing liabilities	3,455			206	3,661
Total interest-bearing liabilities	130,708	21,647	70,346	38,811	261,512
Effect of interest rate swaps and other derivatives	7,932	(2,815)	(6,807)	1,690	
Total interest-bearing liabilities adjusted for swaps and other derivatives	138,640	18,832	63,539	40,501	261,512
Interest rate sensitivity gap (total earning assets less total interest-bearing liabilities adjusted for swaps and other derivatives)	$ 15,495	$ 350	$16,602	$17,168	$ 49,615
Cumulative gap	$ 15,495	$15,845	$32,447	$49,615	
Cumulative gap as a percentage of total earning assets	4.98%	5.09%	10.43%	15.95%	

Consistent with the positive gap between the System's earning assets and interest-bearing liabilities as reflected in the table above, the System's interest rate sensitivity position at September 30, 2017 for the six-month repricing interval is characterized as "asset sensitive," i.e., interest rates earned on interest-earning assets may change or be changed more quickly than interest rates on interest-bearing liabilities used to fund these assets.

Typically, the net interest margin of an institution that is "asset sensitive" will be unfavorably impacted in a declining interest-rate environment or an environment characterized by relatively stable interest rates and a steep yield curve, and favorably impacted in a rising interest-rate environment. The System's capital is invested in loans and investment securities that reprice to lower yields when interest rates are falling and to higher yields when interest rates increase. However, the net interest spread, a component of net interest margin, may react in a different manner due to competitive conditions at the time of repricing. Further, a significant portion of the System's floating-rate loans are management administered-rate loans that, unlike indexed loans, require definitive action at the discretion of the lending Bank or Association to change the interest rates charged and may reflect managements' assessments of whether rate changes are warranted or feasible in view of competitive market conditions. The actual interest rates charged on the administered-rate loans may not mirror the movement of some market interest rates, thereby creating volatility in net interest income.

The System's cumulative gap position in the 0-6 months repricing interval increased from 4.21% at December 31, 2016 to 4.98% at September 30, 2017.

Sensitivity Analysis

In addition to the static view of interest rate sensitivity shown by the gap analysis, each Bank conducts simulations of net interest income and market value of equity. The market value of equity sensitivity analysis incorporates the effects of leverage and the optionality of interest sensitive assets and liabilities due to interest rate changes. The two primary scenarios used for the analysis reflect the impact of interest rate shocks upward and downward (i.e., immediate, parallel changes upward and downward in the yield curve) on projected net interest income and on market value of equity. The Banks also use other types of measures to model exposures to interest rate changes, such as rate ramps (gradual change in rates) and yield curve slope changes.

The upward and downward shocks are generally based on movements of 100 and 200 basis points in interest rates, which are considered significant enough to capture the effects of embedded options and convexity within the assets and liabilities so that underlying risk may be revealed. However, in the current, relatively low interest rate environment, the downward shock is based on one-half of the three-month Treasury bill rate, which was 53 basis points at September 30, 2017 and 25 basis points at December 31, 2016. Under these simulations, the System's sensitivity to interest rate changes (sum of Districts' sensitivity analyses) was:

	September 30, 2017		
	-53	**+100**	**+200**
Change in net interest income	-1.29%	1.58%	3.43%
Change in market value of equity	2.02%	-3.64%	-7.27%

	December 31, 2016		
	-25	**+100**	**+200**
Change in net interest income	-0.63%	1.46%	3.11%
Change in market value of equity	0.91%	-3.65%	-7.29%

Each Bank measures District interest rate sensitivity under these simulations in accordance with its asset/liability management policies. District measurements are presented in the Supplemental Financial Information on page F-59.

In addition to the interest rate scenarios required for reporting and regulatory purposes, the Banks also periodically perform additional scenario analyses to study the effects of changes in critical modeling assumptions — for example, the impact of increased/decreased prepayments, changes in the relationship of the System's funding cost to other benchmark interest rates, additional non-parallel shifts in the yield curve, and changes in market volatility. (For a more detailed discussion of sensitivity analysis and prepayment modeling assumptions, see pages 65 and 66 in the *2016 Annual Information Statement*.)

Duration Gap Analysis

Another risk measurement is duration, which we calculate using a simulation model. Duration is the weighted average maturity (typically measured in months or years) of an instrument's cash flows, weighted by the present value of those cash flows. As such, duration provides an estimate of an instrument's sensitivity to small changes in market interest rates. The duration gap is the difference between the estimated durations of assets and liabilities. All else being equal, an institution with a small duration gap has less exposure to interest rate risk than an institution with a large duration gap.

The System's aggregate duration gap (the sum of the Banks' duration gaps) was a positive 4.2 months at September 30, 2017 and a positive 3.9 months at December 31, 2016. Generally, a duration gap within the range of a positive six months to a negative six months indicates a small exposure to changes in interest rates.

Duration gap provides a relatively concise and static measure of the interest rate risk inherent in the balance sheet, but it is not directly linked to expected future earnings performance. An institution's overall exposure to interest rate risk is a function not only of the duration gap, but also of the financial leverage inherent in the institution's capital structure. For the same duration gap, an institution with more capital will have a lower overall percentage exposure to interest rate risk, stated in terms of the percentage change in the market value of equity, than one with less capital and more leverage.

There are some limitations to duration analysis as balance sheets are dynamic. Durations change over time and as the composition of a portfolio changes.

Derivative Products

Derivative products are a part of our interest rate risk management activities and supplement our issuance of debt securities in the capital markets. We use derivative financial instruments as hedges against interest rate and liquidity risks and to lower the overall cost of funds. We do not hold or enter into derivative transactions for trading purposes. Our ability to modify the debt securities by using derivative instruments provides us with greater flexibility to manage our interest rate risk and liquidity risk.

The primary types of derivative products used and hedging strategies employed are described on page 67 of the *2016 Annual Information Statement*. For additional information on derivative products and hedging activities, see Note 11 to the accompanying condensed combined financial statements.

The aggregate notional amount of the System's derivative products, most of which consisted of interest rate swaps, decreased $599 million to $33.956 billion at September 30, 2017, as compared with $34.555 billion at December 31, 2016. The aggregate notional amount of these instruments, which is not included in the Condensed Combined Statement of Condition, is indicative of the System's activities in derivative financial instruments, but is not an indicator of the level of credit risk associated with these instruments. The exposure to credit risk is a small fraction of the aggregate notional amount. The majority of the swaps used are receive-fixed swaps, which are used to improve liquidity or lower their cost of debt by issuing fixed-rate debt and swapping the debt to floating to create synthetic floating-rate debt.

By using derivative instruments, we are exposed to counterparty credit risk. If a counterparty fails to fulfill its performance obligations under a derivative contract, the credit risk (exposure) will equal the fair value gain in a derivative. When the fair value of a derivative is positive, the counterparty would owe us on early termination of the derivative, thus creating credit risk. When the fair value of the derivative is negative, we would owe the counterparty on early termination of the derivative, and, therefore, assume no credit risk.

To minimize the risk of credit losses for non-cleared derivatives, we typically enter into master agreements that govern all derivative transactions with a counterparty, which include bilateral collateral agreements requiring the posting of collateral in the event certain dollar thresholds of exposure of one party to the other are reached. These thresholds may vary depending on the terms of these bilateral collateral agreements, which consider a counterparty's credit worthiness. We may also clear derivative transactions through a futures commission merchant, with a clearinghouse (i.e., a central counterparty (CCP)). Cleared derivatives require the payment of initial and variation margin as protection against default. In addition, certain non-cleared derivatives are subject to initial and variation margin requirements imposed pursuant to the Dodd-Frank Wall Street Reform and Consumer Protection Act (Dodd-Frank Act). For additional information related to derivatives, see pages 69 and 70 in the *2016 Annual Information Statement*.

In January 2017, one of the CCPs made certain amendments to its rule book that resulted in changes to the legal characterization of variation margin on centrally cleared derivatives. Other CCPs are considering similar changes to their rule books applicable to U.S. trade centrally cleared swaps that would have the same effect. At December 31, 2016, the rules of this CCP characterized variation margin posted for cleared swaps as collateral. In the event of default, the collateral posted would be available to offset amounts owed by the defaulting counterparty. Effective January 2017, the CCP's rule amendments changed the legal nature of variation margin for cleared swaps so that it is now considered a settlement payment as opposed to collateral. This change resulted in the reclassification of collateral assets for amounts formerly considered variation margin to an offset of the fair value of interest rate swaps and other financial instruments related to our net position for cleared derivative transactions in the accompanying Condensed Combined Statement of Condition as of September 30, 2017. In addition, price alignment interest formerly paid with respect to the collateral will no longer be paid, though an economically equivalent price adjustment amount will be included in the trading revenue associated with the centrally cleared derivatives. This change had no impact on the System's results of operations or cash flows.

The exposure on derivatives by counterparty credit rating (Moody's) that would be owed to us due to a default or early termination by our counterparties at September 30, 2017 and December 31, 2016 were:

	September 30, 2017					December 31, 2016				
	Number of Counterparties	Notional Principal	Credit Exposure	Collateral Held	Exposure, Net of Collateral	Number of Counterparties	Notional Principal	Credit Exposure	Collateral Held	Exposure, Net of Collateral
	($ in millions)									
Bilateral derivatives:										
Aa1						1	$ 1,718	$ 15	$ 15	
Aa2	3	$ 5,770	$ 9	$ 8	$ 1	2	5,098	12	15	
Aa3	2	5,900	22	9	13	4	8,959	64	53	$11
A1	7	3,633	9	8	1	6	2,665	9	9	
A2						1	73			
A3						1	40			
Baa1	1	794				1	864	1	1	
Baa2	1	132				1	151			
Cleared derivatives(1)	2	11,532				2	9,390	2	7	
Total	16	$27,761	$40	$25	$15	19	$28,958	$103	$100	$11

(1) Represents derivative transactions cleared with central counterparties, which are not rated. Excluded from the table is initial margin posted by two Banks and one Association totaling $44 million and $52 million at September 30, 2017 and December 31, 2016 related to cleared derivative transactions.

Note: The remaining notional amount of derivative financial instruments of $6.183 billion and $5.584 billion at September 30, 2017 and December 31, 2016 are related to interest rate swaps that two Banks entered into with certain of their customers. The market risk from these transactions is offset by concurrently entering into offsetting derivative transactions with some of the above counterparties. Another $12 million and $13 million in notional amount of derivative financial instruments at September 30, 2017 and December 31, 2016 relate to forward commitments that one Association has entered into to hedge interest rate risk on interest rate locks.

At September 30, 2017, the Banks' counterparties posted $25 million in cash with us, as compared with $86 million of cash and $7 million in securities at December 31, 2016. At September 30, 2017 and December 31, 2016, two Banks had posted collateral with respect to obligations under these agreements of $21 million and $74 million.

Liquidity Risk Management

General

Liquidity risk management is necessary to ensure our ability to meet our financial obligations. These obligations include the repayment of Systemwide Debt Securities as they mature, the ability to fund new and existing loan and other funding commitments, and the ability to fund operations in a cost-effective manner. A primary objective of liquidity risk management is to plan for unanticipated changes in the capital markets. The Banks have established a Contingency Funding Program to provide for contingency financing mechanisms and procedures to address potential disruptions in the System's communications, operations and payments systems, as well as the ability to handle events that threaten continuous market access by the Banks or disrupt the Funding Corporation's normal operations. Under this Program, the Funding Corporation has the option to finance maturing Systemwide Debt Securities through the issuance of Systemwide discount notes either directly to institutional investors or through the selling group. In addition, the Funding Corporation, in consultation with the Banks, may also issue Systemwide Bonds directly to institutional investors. The Funding Corporation, on behalf of the Banks, may also incur other obligations, such as Federal funds purchased, that would be the joint and several obligations of the Banks and would be insured by the Insurance Corporation to the extent funds are available in the Insurance Fund.

The System does not have a guaranteed line of credit from the U.S. Treasury or the Federal Reserve. However, the Insurance Corporation has an agreement with the Federal Financing Bank, a federal instrumentality subject to the supervision and direction of the U.S. Treasury, pursuant to which the Federal Financing Bank would advance funds to the

Insurance Corporation. Under its existing statutory authority, the Insurance Corporation may use these funds to provide assistance to the System Banks in exigent market circumstances that threaten the Banks' ability to pay maturing debt obligations. The agreement provides for advances of up to $10 billion and terminates on September 30, 2018, unless otherwise renewed. The decision whether to seek funds from the Federal Financing Bank is at the discretion of the Insurance Corporation, and each funding obligation of the Federal Financing Bank is subject to various terms and conditions and, as a result, there can be no assurance that funding would be available if needed by the System.

Funding Sources

Our primary source of liquidity is the ability to issue Systemwide Debt Securities, which are the general unsecured joint and several obligations of the Banks. We continually raise funds to support our mission to provide credit and related services to the agricultural and rural sectors, repay maturing Systemwide Debt Securities, and meet other obligations. As a government-sponsored enterprise, we have had access to the global capital markets. This access has traditionally provided us with a dependable source of competitively priced debt that is critical to support our mission of providing funding to the agricultural and rural sectors. The U.S. government does not guarantee, directly or indirectly, the payment of principal or interest on any Systemwide Debt Securities issued by the Banks.

Investments

As more fully described on page 72 in the *2016 Annual Information Statement*, a Bank is authorized to hold Federal funds and available-for-sale investments in an amount not to exceed 35% of a Bank's average loans outstanding for the quarter. We utilize investments for the purposes of maintaining a diverse source of liquidity and managing short-term surplus funds and reducing interest rate risk and, in so doing, enhance profitability. Farm Credit Administration regulations also permit an Association to hold eligible investments for purposes of managing short-term surplus funds and reducing interest rate risk with the approval of its affiliated Bank. At September 30, 2017, no Bank exceeded the 35% limit.

Farm Credit Administration regulations define eligible investments by specifying credit rating criteria, final maturity limit, and percentage of investment portfolio limit for each investment type. At the time of purchase, they must be highly rated by at least one Nationally Recognized Statistical Rating Organization, such as Moody's Investors Service, Standard & Poor's Ratings Services or Fitch Ratings, as more fully described on page 72 in the *2016 Annual Information Statement*.

Eligible investments (carried at fair value) based on credit ratings issued by Moody's Investors Service, Standard & Poor's Ratings Services, or Fitch Ratings were as follows:

	Eligible Investments				
September 30, 2017	**AAA/ Aaa**	**A1/P1/F1**	**Split Rated(1)**	**A2/P2/F2**	**Total**
			(in millions)		
Federal funds sold and securities purchased under resale agreements		$1,006	$ 424	$300	$ 1,730
Commercial paper, bankers' acceptances, certificates of deposit and other securities		4,126	1,795		5,921
U.S. Treasury securities			16,265		16,265
U.S. agency securities			3,718		3,718
Mortgage-backed securities:					
Agency collateralized			24,856		24,856
Agency whole-loan pass through			1,799		1,799
Private label-FHA/VA			60		60
Asset-backed securities	$1,335		658		1,993
Total	$1,335	$5,132	$49,575	$300	$56,342

December 31, 2016	Eligible Investments AAA/ Aaa	A1/P1/F1	Split Rated(1)	A2/P2/F2	Total
			(in millions)		
Federal funds sold and securities purchased under resale agreements		$1,186	$ 291	$150	$ 1,627
Commercial paper, bankers' acceptances, certificates of deposit and other securities		3,912	1,893		5,805
U.S. Treasury securities			15,544		15,544
U.S. agency securities			5,465		5,465
Mortgage-backed securities:					
Agency collateralized			22,726		22,726
Agency whole-loan pass through(2)			1,993		1,993
Private label-FHA/VA			69		69
Asset-backed securities	$1,787		753		2,540
Total	$1,787	$5,098	$48,734	$150	$55,769

(1) Investment that received the highest credit rating from at least one rating organization.

(2) Subsequent to December 31, 2016, one Bank modified its presentation of 19 securities totaling $62 million. As a result, the securities were reclassified to non-agency mortgage-backed securities and are no longer considered eligible investments for liquidity purposes.

As noted in the tables above, the split rating on investments in U.S. Treasury, U.S. agency and agency mortgage-backed securities is the result of Standard & Poor's Ratings Services maintaining the U.S. government's long-term sovereign credit rating of AA+. Both Moody's Investors Service and Fitch Ratings maintain ratings of Aaa and AAA for U.S. government and agency securities.

If an investment no longer meets the eligibility criteria referred to above, the investment becomes ineligible for regulatory liquidity calculation purposes. Under Farm Credit Administration regulations, if an investment is eligible when purchased but no longer satisfies the eligibility criteria referred to above, the Bank may continue to hold it subject to the following requirements:

- the Bank must notify the Farm Credit Administration within 15 calendar days after such determination,
- the Bank must not use the investment to satisfy its liquidity requirement,
- the Bank must continue to include the investment in the investment portfolio limit calculation,
- the Bank may continue to include the investment as collateral and net collateral at lower of cost or market, and
- the Bank must develop a plan to reduce the risk posed by the investment.

The Farm Credit Administration has the authority to require a Bank to divest any investment at any time for failure to comply with its regulation. As of September 30, 2017, the Farm Credit Administration has not required disposition of any of these securities. Bank managements do not believe that events will occur that would require them to dispose of any of these securities.

The following tables set forth ineligible securities (carried at fair value) by credit rating, which represented 0.8% and 1.0% of Federal funds and available-for-sale investments at September 30, 2017 and December 31, 2016.

September 30, 2017	Ineligible Investments Number of Securities	AA/Aa	A/A	BBB/Baa	BB/Ba	B/B	CCC/Caa	D/C	Total	Amortized Cost
					($ in millions)					
Non-agency mortgage-backed securities	36	$10	$5	$4	$ 2		$ 2	$8	$ 31	$ 28
Private label-FHA/VA mortgage-backed securities	16				130	$148	116		394	380
Asset-backed securities	12	2			2	1	22		27	19
Total	64	$12	$5	$4	$134	$149	$140	$8	$452	$427

December 31, 2016	Ineligible Investments											
	Number of Securities	AA/Aa	A/A	BBB/Baa	BB/Ba	B/B	CCC/Caa	CC/Ca	D/C	Not Rated	Total	Amortized Cost
	($ in millions)											
Non-agency mortgage-backed securities*	63	$11	$7	$4	$ 3		$ 22	$14	$10	$62	$133	$127
Private label-FHA/VA mortgage-backed securities	16				147	$155	120				422	422
Asset-backed securities	13	3	1			3	23				30	21
Total	92	$14	$8	$4	$150	$158	$165	$14	$10	$62	$585	$570

* See note (2) to the "Eligible Investments" table on page 30 for additional information.
Note: Investments are classified based on the indicated rating as the highest rating from at least one rating organization.

The types of mortgage-backed and asset-backed securities that are included in the System's investment portfolio were:

	September 30, 2017			December 31, 2016		
	Amortized Cost	Fair Value	Unrealized Gains/(Losses)	Amortized Cost	Fair Value	Unrealized Gains/(Losses)
	(in millions)					
Mortgage-backed securities:						
Agency collateralized	$24,924	$24,856	$(68)	$22,857	$22,726	$(131)
Agency whole-loan pass through*	1,754	1,799	45	1,939	1,993	54
Non-agency*	28	31	3	127	133	6
Private label-FHA/VA	441	454	13	493	491	(2)
Total mortgage-backed securities	$27,147	$27,140	$ (7)	$25,416	$25,343	$ (73)
Asset-backed securities:						
Home equity loans	$ 20	$ 29	$ 9	$ 22	$ 32	$ 10
Small business loans	657	657		749	752	3
Auto loans	845	844	(1)	1,345	1,344	(1)
Equipment loans	102	102		159	159	
Credit card receivables	387	386	(1)	281	280	(1)
Student loans	2	2		3	3	
Total asset-backed securities	$ 2,013	$ 2,020	$ 7	$ 2,559	$ 2,570	$ 11

* See note (2) to the "Eligible Investments" table on page 30 for additional information.

Mission-Related and Other Investments

The Farm Credit Act states that the mission of the System is "to provide for an adequate and flexible flow of money into rural areas." Congress also recognized the "growing need for credit in rural areas" and declared that the System be designed to accomplish the objective of improving the income and well-being of America's farmers and ranchers. To further the System's mission to support rural America, the System has initiated mission-related programs and other mission-related investments approved by the Farm Credit Administration. These investments are not included in the Banks' liquidity calculations and are not covered by the eligible investment limitation discussed above. However, limitations on mission-related investments are determined by the Farm Credit Administration.

Mortgage-backed securities issued by Farmer Mac are also considered other investments and are excluded from the eligible investment limitation and the Banks' liquidity calculations. These Farmer Mac securities are backed by loans originated by Associations and previously held by the Associations under Farmer Mac standby purchase commitments.

Mission-related and other investments outstanding that are classified as held-to-maturity (carried at amortized cost) are as follows:

	September 30, 2017	December 31, 2016
	(in millions)	
Small Business Administration securities and other government guaranteed	$1,445	$1,490
Rural home loan securities	412	460
Farmer Mac securities	721	545
Rural America bonds and Agricultural Rural Community bonds	115	142
Total	$2,693	$2,637

Mission-related and other investments outstanding that are classified as available-for-sale (carried at fair value) are as follows:

	September 30, 2017	December 31, 2016
	(in millions)	
Farmer Mac securities	$223	$237
Rural home loan securities	97	100
Other	12	7
Total	$332	$344

Liquidity Standard

The Farm Credit Administration regulations on liquidity set forth requirements for the Banks to:

- improve their capacity to pay their obligations and fund their operations by maintaining adequate liquidity to withstand various market disruptions and adverse economic or financial conditions;
- strengthen liquidity management;
- enhance the liquidity of assets that they hold in their liquidity reserves;
- maintain a three-tiered liquidity reserve. The first tier of the liquidity reserve must consist of a sufficient amount of cash and cash-like instruments to cover each Bank's financial obligations for 15 days. The second and third tiers of the liquidity reserve must contain cash and highly liquid instruments that are sufficient to cover the Bank's obligations for the next 15 and subsequent 60 days, respectively;
- establish an incremental liquidity reserve, in addition to the three tiers set forth immediately above, comprised of cash and eligible investments; and
- strengthen their Contingency Funding Plan.

The number of days of liquidity is calculated by comparing the principal portion of maturing Systemwide Debt Securities and other borrowings of the Banks with the total amount of cash, cash equivalents and investments maintained by that Bank. For purposes of calculating liquidity, liquid assets are subject to discounts that reflect potential exposure to adverse market value changes that might be recognized upon liquidation or sale and include only the eligible investments of the Banks.

At September 30, 2017, each Bank met the individual tiers of the liquidity reserve and exceeded the regulatory minimum 90 days of liquidity. The System's liquidity position was 172 days at September 30, 2017, as compared with 180 days at December 31, 2016. (See Note 14 for each Bank's liquidity position at September 30, 2017 and December 31, 2016.)

Cash provided by the System's operating activities (primarily generated from net interest income in excess of operating expenses) of $2.945 billion and $3.004 billion for the first nine months of 2017 and 2016 provides an additional source of liquidity for the System that is not reflected in the individual Bank's calculation of days of liquidity under the standard. Further, funds in the Insurance Fund would be used to repay maturing Systemwide Debt Securities, to the extent available, if no other sources existed to repay the debt.

Capital Adequacy and the Ability to Repay Systemwide Debt Securities

Capital serves to support asset growth and provide protection against unexpected credit and interest rate risk and operating losses. Capital is also needed for future growth and investment in new products and services. We believe a sound capital position is critical to providing protection to investors in Systemwide Debt Securities and our long-term financial success.

We continue to build capital primarily through net income earned and retained. Capital accumulated through earnings has been partially offset by cash distributions to stockholders. Retained earnings were $43.563 billion at September 30, 2017 and $43.183 billion at December 31, 2016, and represent the most significant component of capital. Retained earnings as a percentage of capital decreased to 78.5% at September 30, 2017, as compared with 82.6% at December 31, 2016, as a result of merger activity that resulted in the re-characterization of

$2.251 billion of retained earnings to additional paid-in capital. Capital as a percentage of assets increased to 17.3% at September 30, 2017, as compared with 16.4% at December 31, 2016, due principally to earnings retained.

Farm Credit Administration Capital Requirements

The Farm Credit Administration sets minimum regulatory capital requirements for Banks and Associations. Effective January 1, 2017, new regulatory capital requirements for System Banks and Associations were adopted with the purpose to:

- modernize capital requirements while ensuring that System institutions continue to hold sufficient regulatory capital to fulfill the System's mission as a government-sponsored enterprise,
- 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,
- make System regulatory capital requirements more transparent, and
- meet the requirements of Section 939A of the Dodd-Frank Act.

These new requirements replaced the core surplus and total surplus requirements with Common Equity Tier 1, Tier 1 Capital and Total Capital 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 an 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.

The following sets forth the regulatory capital ratio requirements and ratios at September 30, 2017:

Ratio	Primary Components of Numerator	Denominator	Minimum Requirement	Minimum with Buffer*	Banks**	Associations
Common Equity Tier 1 (CET1) Capital	Unallocated retained earnings (URE), common cooperative equities (qualifying capital stock and allocated equity)[1]	Risk-adjusted assets	4.5%	7.0%	10.4% - 21.1%	12.5% - 38.5%
Tier 1 Capital	CET1 Capital, non-cumulative perpetual preferred stock	Risk-adjusted assets	6.0%	8.5%	14.1% - 21.6%	12.5% - 38.5%
Total Capital	Tier 1 Capital, allowance for loan losses[2], common cooperative equities[3], and term preferred stock and subordinated debt[4]	Risk-adjusted assets	8.0%	10.5%	15.4% - 21.7%	13.3% - 39.4%
Tier 1 Leverage***	Tier 1 Capital	Total assets	4.0%	5.0%	5.7% - 7.5%	11.0% - 33.7%
Unallocated Retained Earnings and URE Equivalents (UREE) Leverage	URE and URE Equivalents	Total assets	1.5%	—	3.0% - 6.6%	7.9% - 34.4%
Permanent Capital	Retained earnings, common stock, non-cumulative perpetual preferred stock and subordinated debt, subject to certain limits	Risk-adjusted assets	7.0%	—	14.4% - 21.6%	13.0% - 38.8%

* The new capital requirements have a three-year phase-in of the capital conservation buffer applied to the risk-adjusted capital ratios. There is no phase-in of the leverage buffer. Amounts shown reflect the full capital conservation buffer.
** See Note 14 for each Bank's Total Capital ratio and Tier 1 Leverage ratio at September 30, 2017.
*** Must include the regulatory minimum requirement for the URE and UREE Leverage ratio.
1 Equities outstanding 7 or more years
2 Capped at 1.25% of risk-adjusted assets
3 Outstanding 5 or more years, but less than 7 years
4 Outstanding 5 or more years

For more information regarding the capital ratios that were in effect as of December 31, 2016, refer to page 85 in the *2016 Annual Information Statement.*

Interdependency of the Banks and the Associations

Understanding the System's structure and the interdependent nature of the Banks and the Associations is critical to understanding our capital adequacy.

As previously discussed, each Bank is primarily liable for the repayment of Systemwide Debt Securities issued on its behalf, as well as being liable for Systemwide Debt Securities issued on behalf of the other Banks. The Banks, through the issuance of Systemwide Debt Securities, generally finance the wholesale loans to their affiliated Associations who lend the proceeds to their customers. CoBank, as an Agricultural Credit Bank, makes loans to agricultural and rural infrastructure cooperatives and businesses, and other eligible borrowers, as well as Associations. Each Bank's ability to repay Systemwide Debt Securities is due, in large part, to each of its Association's ability to repay its loan from the Bank. As a result, the Banks continually monitor the risk-bearing capabilities of each affiliated Association through various mechanisms, including testing the reliability of each Association's credit classifications and prior-approval of certain Association loan transactions. Capital, allowance for loan losses and earnings at the Association level also reduce the credit exposure that each Bank has with respect to the loans between the Bank and its affiliated Associations.

Since an Association's ability to obtain funds from sources other than its affiliated Bank is significantly limited, the financial well-being of the Bank and its ability to continue to provide funds is very important to the Association. In addition to the equity the Associations are required to purchase in connection with their direct loans from their affiliated Bank, under each Bank's bylaws, the Bank is authorized, under certain circumstances, to require its affiliated Associations and certain other equity holders to purchase additional Bank equity subject to certain limits or conditions. Further, the Banks generally possess indirect access to certain financial resources of their affiliated Associations through loan-pricing provisions and through Bank-influenced operating and financing policies and agreements for its District. (See Notes 8 and 14 to the accompanying condensed combined financial statements for further discussion of Bank and Association capital.)

Notwithstanding the foregoing, only the Banks, and not the Associations, are jointly and severally liable for the repayment of Systemwide Debt Securities. Other than as described above, and subject to various regulatory and contractual conditions and limitations, the Banks do not have direct access to the capital of their affiliated Associations. In addition, any indirect access that the Banks may have to the capital of the Associations may be limited during stressed conditions in a deteriorating agricultural economic environment. Moreover, capital in one Association is not typically available to address capital needs of another Association or of a non-affiliated Bank.

Insurance Fund

An additional layer of protection for Systemwide Debt Security holders is the Insurance Fund that insures the timely payment of principal and interest on these securities.

The primary sources of funds for the Insurance Fund are:

- premiums paid by the Banks, the cost of which may be passed on to the Associations, and
- earnings on assets in the Insurance Fund.

In the event a Bank is unable to timely pay Systemwide Debt Securities for which the Bank is primarily liable, the Insurance Corporation must expend amounts in the Insurance Fund to the extent available to insure the timely payment of principal and interest on the debt obligations. However, because of other authorized uses of the Insurance Fund, all of which benefit the Banks and Associations, or the magnitude of the default, there is no assurance that amounts in the Insurance Fund will be available and sufficient to fund the timely payment of principal and interest on Systemwide Debt Securities in the event of a default by a Bank.

Due to the restricted use of funds in the Insurance Fund, the assets of the Insurance Fund have been included as a restricted asset and the capital of the Insurance Fund as restricted capital in the System's condensed combined financial statements. As of September 30, 2017, the assets in the Insurance Fund totaled $4.748 billion. (See Note 5 to the accompanying condensed combined financial statements and the

Supplemental Combining Information on pages F-51 and F-53 for condensed combining statements of condition and income that illustrate the impact of including the Insurance Fund in the System's condensed combined financial statements.)

Insurance premiums are established by the Insurance Corporation with the objective of maintaining the "secure base amount," which is defined in the Farm Credit Act as 2% of the adjusted insured obligations (adjusted to reflect the reduced risk on loans or investments guaranteed by the U.S. or state governments) or such other percentage of the adjusted insured obligations as the Insurance Corporation in its sole discretion determines to be actuarially sound. As required by the Farm Credit Act, the Insurance Corporation may return excess funds above the secure base amount to System institutions.

At September 30, 2017, as determined by the Insurance Corporation, the Insurance Fund for which no specific use has been identified or designated was 2.11% of adjusted insured obligations, as compared with 1.96% at December 31, 2016.

Joint and Several Liability

The provisions of joint and several liability of the Banks with respect to Systemwide Debt Securities would be invoked if the available amounts in the Insurance Fund were exhausted. Once joint and several liability is triggered, the Farm Credit Administration is required to make "calls" to satisfy the liability first on all non-defaulting Banks in the proportion that each non-defaulting Bank's available collateral (collateral in excess of the aggregate of the Bank's collateralized obligations) bears to the aggregate available collateral of all non-defaulting Banks. If these calls do not satisfy the liability, then a further call would be made in proportion to each non-defaulting Bank's remaining assets. On making a call on non-defaulting Banks with respect to a Systemwide Debt Security issued on behalf of a defaulting Bank, the Farm Credit Administration is required to appoint the Insurance Corporation as the receiver for the defaulting Bank, and the receiver must expeditiously liquidate the Bank.

System Capitalization

The changes in capital for the nine months ended September 30, 2017 were:

	Capital				
	Combined Banks	**Combined Associations**	**Insurance Fund**	**Combination Entries**	**System Combined**
			(in millions)		
Balance at December 31, 2016	$17,724	$35,790	$4,453	$(5,656)	$52,311
Net income	1,475	2,623	295	(677)	3,716
Change in accumulated other comprehensive loss	63	4		77	144
Preferred stock issued		315			315
Preferred stock retired		(248)			(248)
Preferred stock dividends	(107)	(14)			(121)
Capital stock and participation certificates issued	150	98		(147)	101
Capital stock, participation certificates and retained earnings retired	(26)	(84)			(110)
Equity issued or recharacterized upon Association merger		2,276			2,276
Equity retired or recharacterized upon Association merger		(2,297)			(2,297)
Patronage	(650)	(426)		494	(582)
Balance at September 30, 2017	$18,629	$38,037	$4,748	$(5,909)	$55,505

Note: System combined capital reflected eliminations of approximately $4.6 billion and $4.5 billion of Bank equities held by Associations as of September 30, 2017 and December 31, 2016. System combined capital also reflected net eliminations of transactions between System entities, primarily related to accruals, and retained earnings allocations by certain Banks to their Associations. (See Notes 8 and 14 to the accompanying condensed combined financial statements.)

Combined Bank-only information is considered meaningful because only the Banks are jointly and severally liable for payment of principal and interest on Systemwide Debt Securities. Amounts in the Insurance Fund are included in the System's combined financial statements because, under the Farm Credit Act, these amounts can only be used for the benefit of the Banks and Associations. Before joint and several liability can be invoked, available amounts in the Insurance Fund would be used to make principal and interest payments on Systemwide Debt Securities. Combined Bank capital and the Insurance Fund increased $1.200 billion since December 31, 2016 to $23.377 billion at September 30, 2017.

Combined Bank-only net income was $1.475 billion and $1.446 billion for the nine months ended September 30, 2017 and 2016. The combined Bank-only net income reflects the earnings from investments, Bank wholesale loans to Associations, and retail loans, the majority of which consist of CoBank's loans to cooperatives and other eligible borrowers. The Banks' wholesale loans to Associations represent approximately 54% of the assets on the combined Bank-only balance sheet. These loans carry less risk than retail loans because the Associations operate under General Financing Agreements with their affiliated Banks and a regulatory framework that includes maintaining certain minimum capital standards, adequate reserves, and prudent underwriting standards. Based on the lower risk of loans to the Associations, the Banks typically operate with more leverage and lower earnings than would be expected from a retail bank.

Combined Association capital increased $2.247 billion since December 31, 2016 to $38.037 billion at September 30, 2017. The growth in Association capital resulted primarily from income earned and retained. Combined Association capital as a percentage of combined Association loans was 20.8% at September 30, 2017 and 20.0% at December 31, 2016. Capital at the Association level reduces the Banks' credit exposure with respect to wholesale loans between the Banks and each of their affiliated Associations.

Accumulated other comprehensive loss, net of tax, at September 30, 2017 and December 31, 2016 was comprised of the following components:

	September 30, 2017	December 31, 2016
	(in millions)	
Unrealized losses on investments available-for-sale, net	$ (35)	$ (117)
Unrealized gains on other-than-temporarily impaired investments available-for-sale	4	5
Unrealized losses on cash flow hedges, net	(70)	(49)
Pension and other benefit plans	(1,289)	(1,373)
	$(1,390)	$(1,534)

Operational Risk Management

Operational risk is the risk of loss resulting from inadequate or failed processes or systems, human factors or external events, including the execution of unauthorized transactions by employees, errors relating to transaction processing and technology, breaches of the internal control system and the risk of fraud by employees or persons outside the System. Each Bank's and Association's board of directors is required, by regulation, to adopt an internal control policy that provides adequate direction to the institution in establishing effective control over and accountability for operations, programs and resources. The policy must include, at a minimum, the following items:

- direction to management that assigns responsibility for the internal control function to an officer of the institution,
- adoption of internal audit and control procedures,
- direction for the operation of a program to review and assess its assets,
- adoption of loan, loan-related assets and appraisal review standards, including standards for scope of review selection and standards for work papers and supporting documentation,
- adoption of asset quality classification standards,

- adoption of standards for assessing credit administration, including the appraisal of collateral, and
- adoption of standards for the training required to initiate a program.

In general, System institutions address operational risk through the organization's internal control framework under the supervision of the internal auditors. Exposure to operational risk is typically identified with the assistance of senior management and internal audit, and higher risk areas receive more scrutiny.

However, no control system, no matter how well designed and operated, can provide absolute assurance that the objectives of the control systems are met, and no evaluation of controls can provide absolute assurance that all control issues and instances of fraud or errors can be detected. These inherent limitations include, but are not limited to, the realities that judgments in decision-making can be faulty and the breakdowns can occur because of simple error or mistake. Additionally, controls can be circumvented by individual acts of some persons, by collusion of two or more people, or by management override of the control. The design of any system of controls also is based in part on certain assumptions about the likelihood of future events and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions; over time, control may be inadequate because of changes in conditions, or the compliance with the policies or procedures may deteriorate.

Reputational Risk Management

Reputation risk is defined as the negative impact resulting from events, real or perceived, that shape the image of the System or any of its entities. The System could be harmed if its reputation were impacted by negative publicity about the System as a whole, an individual System entity or the agricultural industry in general.

Given the unique structure of the System, managing reputational risk is the direct responsibility of each System entity. (See "Structural Risk Management" on page 17 of this Quarterly Information Statement for a discussion on the structure of the System).

Entities that serve the System at the national level, including the Coordinating Committee, the Presidents' Planning Committee and The Farm Credit Council, will communicate guidance to the System for reputational issues that have broader consequences for the System as a whole. These entities support those business and other practices that are consistent with our mission. (See pages 12, 13 and 14 in the *2016 Annual Information Statement* for additional information).

Political Risk Management

System institutions are instrumentalities of the federal government and are intended to further governmental policy concerning the extension of credit to or for the benefit of agriculture and rural America. The System and its borrowers may be significantly affected by federal legislation that affects the System directly, such as changes to the Farm Credit Act, or indirectly, such as agricultural appropriations bills. Political risk to the System is the risk of loss of support for the System or agriculture by the U.S. government.

We manage political risk by actively supporting The Farm Credit Council, which is a full-service, federated trade association located in Washington, D.C. representing the System before Congress, the Executive Branch, and others. The Farm Credit Council provides the mechanism for grassroots involvement in the development of System positions and policies with respect to federal legislation and government actions that impact the System. In addition, each District has a District Farm Credit Council that is a regional trade association dedicated to promoting the interests of cooperative farm lending institutions and their borrowers in the District.

Regulatory Matters

As of September 30, 2017 and December 31, 2016, the Farm Credit Administration had not entered into written agreements with any System institutions. Generally, written agreements require the institutions to take corrective actions with respect to one or more of the following: asset quality, capital, portfolio management, and corporate governance.

On June 12, 2014, the Farm Credit Administration approved a proposed rule to revise the requirements governing the eligibility of investments for System Banks and Associations. The stated objectives of the proposed rule are as follows:

- To strengthen the safety and soundness of System Banks and Associations,

- To ensure that System Banks hold sufficient liquidity to continue operations and pay maturing obligations in the event of market disruption,
- To enhance the ability of the System Banks to supply credit to agricultural and aquatic producers,
- To comply with the requirements of Section 939A of the Dodd-Frank Act,
- To modernize the investment eligibility criteria for System Banks, and
- To revise the investment regulation for System Associations to improve their investment management practices so they are more resilient to risk.

The public comment period ended on October 23, 2014. The Farm Credit Administration expects to issue a final regulation in 2018.

Recently Adopted or Issued Accounting Pronouncements

In August 2017, the Financial Accounting Standards Board (FASB) issued guidance entitled "Targeted Improvements to Accounting for Hedging Activities." The guidance better aligns an entity's risk management activities and financial reporting for hedging relationships through changes to both the designation and measurement guidance for qualifying hedging relationships and the presentation of hedge results. The amendments in this guidance require an entity to present the earnings effect of the hedging instrument in the same income statement line item in which the earnings effect of the hedged item is reported. This guidance also addresses the timing of effectiveness testing, qualitative and quantitative effectiveness testing and components that can be excluded from effectiveness testing. This guidance becomes effective for interim and annual periods beginning after December 15, 2018. The System is evaluating the impact of adoption on the System's financial condition and its results of operations.

In March 2017, the 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 System'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 System'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 System is evaluating the impact of adoption on the System's financial condition and its 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 System is evaluating the impact of adoption on the System's financial condition and 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 System'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 our 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. System institutions are in the process of reviewing contracts to determine the effect, if any, on the System's financial condition or its results of operations.

INDEX TO CONDENSED COMBINED FINANCIAL STATEMENTS AND SUPPLEMENTAL COMBINING AND FINANCIAL INFORMATION
September 30, 2017

FARM CREDIT SYSTEM

CONDENSED COMBINED STATEMENT OF CONDITION
(in millions)

	September 30, 2017 (unaudited)	December 31, 2016
ASSETS		
Cash	$ 1,047	$ 3,240
Federal funds sold and securities purchased under resale agreements	1,730	1,627
Investments (Note 2)		
Available-for-sale (amortized cost of $55,093 and $54,839, respectively)	55,064	54,727
Mission-related and other held-to-maturity (fair value of $2,647 and $2,583, respectively)	2,693	2,637
Mission-related and other available-for-sale (amortized cost of $337 and $350, respectively)	332	344
Loans (Note 3)	251,162	248,768
Less: allowance for loan losses (Note 3)	(1,610)	(1,506)
Net loans	249,552	247,262
Accrued interest receivable	2,736	2,140
Premises and equipment	1,209	1,198
Other assets (Note 4)	2,480	2,287
Restricted assets (Note 5)	4,748	4,453
Total assets	$321,591	$319,915
LIABILITIES AND CAPITAL		
Systemwide Debt Securities		
Due within one year:		
Systemwide discount notes	$ 25,430	$ 29,528
Systemwide bonds and medium-term notes	75,641	74,242
	101,071	103,770
Due after one year:		
Systemwide bonds and medium-term notes	156,780	154,012
Total Systemwide Debt Securities (Note 6)	257,851	257,782
Subordinated debt (Note 6)		499
Other bonds	2,348	2,431
Notes payable and other interest-bearing liabilities	1,313	1,243
Accrued interest payable	751	614
Other liabilities (Note 4)	3,823	5,035
Total liabilities	266,086	267,604
Commitments and contingencies (Note 13)		
Capital (Note 8)		
Preferred stock	3,085	3,018
Capital stock and participation certificates	1,857	1,800
Additional paid-in-capital	3,642	1,391
Restricted capital (Note 5)	4,748	4,453
Accumulated other comprehensive loss, net of tax	(1,390)	(1,534)
Retained earnings	43,563	43,183
Total capital	55,505	52,311
Total liabilities and capital	$321,591	$319,915

The accompanying notes are an integral part of these condensed combined financial statements.

FARM CREDIT SYSTEM

CONDENSED COMBINED STATEMENT OF INCOME
(in millions)

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2017	2016	2017	2016
	(unaudited)			
Interest income				
Investments, Federal funds sold and securities purchased under resale agreements	$ 272	$ 211	$ 767	$ 621
Loans	2,717	2,412	7,834	7,117
Total interest income	2,989	2,623	8,601	7,738
Interest expense				
Systemwide bonds and medium-term notes	966	699	2,671	2,042
Systemwide discount notes	62	45	161	117
Subordinated debt and other interest-bearing liabilities	5	9	17	55
Total interest expense	1,033	753	2,849	2,214
Net interest income	1,956	1,870	5,752	5,524
Provision for loan losses	71	58	188	218
Net interest income after provision for loan losses	1,885	1,812	5,564	5,306
Noninterest income				
Loan-related fee income	39	54	164	181
Financially related services income	67	70	147	143
Mineral income	14	14	42	36
Income earned on Insurance Fund assets	14	13	42	34
Losses on extinguishment of debt	(34)	(18)	(43)	(45)
Net gains on sales of investments and other assets	1	32	13	46
Other income	18	(2)	65	53
Total noninterest income	119	163	430	448
Noninterest expense				
Salaries and employee benefits	461	453	1,390	1,326
Occupancy and equipment expense	61	58	178	174
Purchased services	49	39	130	111
Other expense	142	135	438	418
Total noninterest expense	713	685	2,136	2,029
Income before income taxes	1,291	1,290	3,858	3,725
Provision for income taxes	41	38	142	136
Net income	$1,250	$1,252	$3,716	$3,589

The accompanying notes are an integral part of these condensed combined financial statements.

FARM CREDIT SYSTEM

CONDENSED COMBINED STATEMENT OF COMPREHENSIVE INCOME
(in millions)

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,	
	2017	2016	2017	2016
	(unaudited)			
Net income	$1,250	$1,252	$3,716	$3,589
Other comprehensive income (loss), net of tax:				
Change in unrealized gains/losses on investments available-for-sale not other-than-temporarily impaired, including reclassification adjustments	(5)	(124)	82	281
Change in unrealized gains/losses on other-than-temporarily impaired investments, including reclassification adjustments		(20)	(1)	(29)
Change in unrealized losses on cash flow hedges, including reclassification adjustments	1	15	(21)	(114)
Change in net periodic pension benefit cost, including reclassification adjustments	30	28	84	83
Total other comprehensive income (loss)	26	(101)	144	221
Comprehensive income	$1,276	$1,151	$3,860	$3,810

The accompanying notes are an integral part of these condensed combined financial statements.

FARM CREDIT SYSTEM

CONDENSED COMBINED STATEMENT OF CHANGES IN CAPITAL
(in millions)

	For the Nine Months Ended September 30						
	Preferred Stock	Capital Stock and Participation Certificates	Additional Paid-in-Capital	Restricted Capital Farm Credit Insurance Fund	Accumulated Other Comprehensive Income (Loss), Net of Tax	Retained Earnings	Total Capital
				(unaudited)			
Balance at December 31, 2015	$2,742	$1,726	$1,316	$4,039	$(1,447)	$40,458	$48,834
Comprehensive income					221	3,589	3,810
Transfer of Insurance Fund premiums and other income from retained earnings to restricted capital				304		(304)	
Preferred stock issued by Banks	375					(5)	370
Preferred stock retired by Banks	(46)		13				(33)
Preferred stock issued by Associations	395						395
Preferred stock retired by Associations	(319)						(319)
Preferred stock dividends						(113)	(113)
Capital stock and participation certificates issued		60					60
Capital stock and participation certificates retired		(77)					(77)
Equity issued or recharacterized upon Association merger		1	56				57
Equity retired or recharacterized upon Association merger		(1)				(55)	(56)
Patronage:							
Cash						(537)	(537)
Capital stock, participation certificates and retained earnings allocations		64				(64)	
Balance at September 30, 2016	$3,147	$1,773	$1,385	$4,343	$(1,226)	$42,969	$52,391
Balance at December 31, 2016	$3,018	$1,800	$1,391	$4,453	$(1,534)	$43,183	$52,311
Comprehensive income					144	3,716	3,860
Transfer of Insurance Fund premiums and other income from retained earnings to restricted capital				295		(295)	
Preferred stock issued by Associations	315						315
Preferred stock retired by Associations	(248)						(248)
Preferred stock dividends						(121)	(121)
Capital stock and participation certificates issued		101					101
Capital stock and participation certificates retired		(110)					(110)
Equity issued or recharacterized upon Association merger		25	2,251				2,276
Equity retired or recharacterized upon Association merger		(25)				(2,272)	(2,297)
Patronage:							
Cash						(582)	(582)
Capital stock, participation certificates and retained earnings allocations		66				(66)	
Balance at September 30, 2017	$3,085	$1,857	$3,642	$4,748	$(1,390)	$43,563	$55,505

The accompanying notes are an integral part of these condensed combined financial statements.

FARM CREDIT SYSTEM

CONDENSED COMBINED STATEMENT OF CASH FLOWS
(in millions)

	For the Nine Months Ended September 30	
	2017	**2016**
	(unaudited)	
Cash flows from operating activities		
Net income	$ 3,716	$ 3,589
Adjustments to reconcile net income to net cash provided by operating activities:		
Provision for loan losses	188	218
Depreciation and amortization on premises and equipment	84	83
Accretion of fair value adjustments related to the Bank merger	(9)	(25)
Net gains on sales of investments and other assets	(13)	(46)
Income on Insurance Fund assets, net of operating expenses	(39)	(31)
Increase in accrued interest receivable	(596)	(535)
Other, net	(386)	(249)
Net cash provided by operating activities	2,945	3,004
Cash flows from investing activities		
Increase in loans, net	(2,461)	(6,313)
(Increase) decrease in Federal funds sold and securities purchased under resale agreements, net	(103)	78
Investments available-for-sale:		
Purchases	(22,758)	(26,420)
Proceeds from maturities and payments	20,875	20,353
Proceeds from sales	1,669	810
Mission-related and other investments held-to-maturity:		
Purchases	(383)	(515)
Proceeds from maturities and payments	311	418
Mission-related and other investments available-for-sale:		
Purchases	(77)	(182)
Proceeds from maturities and payments	40	50
Proceeds from sales	51	49
Premiums paid to the Insurance Fund	(373)	(261)
Other, net	(66)	(101)
Net cash used in investing activities	(3,275)	(12,034)
Cash flows from financing activities		
Systemwide bonds issued	63,882	103,649
Systemwide bonds and medium-term notes retired	(59,667)	(95,541)
Systemwide discount notes issued	133,629	131,731
Systemwide discount notes retired	(137,760)	(131,128)
Subordinated debt retired	(500)	(955)
Other bonds issued (retired), net	(83)	390
Increase (decrease) in notes payable and other interest-bearing liabilities, net	70	(21)
Decrease in collateral held from derivative counterparties	(61)	(102)
Preferred stock issued by Banks		370
Preferred stock retired by Banks		(33)
Preferred stock issued by Associations, net	67	76
Capital stock and participation certificates issued	101	60
Capital stock, participation certificates and surplus retired	(170)	(139)
Preferred stock dividends paid	(106)	(94)
Cash patronage paid	(1,265)	(1,123)
Net cash (used in) provided by financing activities	(1,863)	7,140
Net decrease in cash	(2,193)	(1,890)
Cash at beginning of period	3,240	4,974
Cash at end of period	$ 1,047	$ 3,084

FARM CREDIT SYSTEM

CONDENSED COMBINED STATEMENT OF CASH FLOWS — (continued)
(in millions)

	For the Nine Months Ended September 30	
	2017	2016
	(unaudited)	
Supplemental schedule of non-cash investing and financing activities:		
Loans transferred to other property owned	$ 23	$ 36
Patronage and dividends distributions payable	658	599
Transfer of retained earnings to additional paid-in-capital related to Association mergers	2,251	56
Change in other assets relating to building sale-leaseback		(76)
Supplemental non-cash fair value changes related to hedging activities:		
Decrease in Systemwide bonds and medium-term notes	(23)	(44)
Decrease (increase) in other assets	148	(109)
(Decrease) increase in other liabilities	(84)	217
Supplemental disclosure of cash flow information:		
Cash paid during the nine months for:		
Interest	2,678	2,194
Taxes	76	133

The accompanying notes are an integral part of these condensed combined financial statements.

NOTES TO CONDENSED COMBINED FINANCIAL STATEMENTS
(unaudited)
(dollars in millions, except as noted)

NOTE 1 — ORGANIZATION AND SIGNIFICANT ACCOUNTING POLICIES

The accompanying Farm Credit System (System) condensed combined financial statements include financial information of the combined Farm Credit Banks (FCBs)/Agricultural Credit Associations (ACAs)/Federal Land Credit Associations (FLCAs), the combined Agricultural Credit Bank (ACB)/ACAs/FLCAs, the Federal Farm Credit Banks Funding Corporation, and the Farm Credit Insurance Fund (Insurance Fund) and reflect investments in, and allocated earnings of, certain of the service organizations owned by System Banks and/or Associations. The FCBs and the ACB are collectively referred to as Banks. The ACAs and FLCAs are collectively referred to as Associations.

The accompanying unaudited condensed combined financial statements have been prepared in accordance with accounting principles generally accepted in the U.S. (GAAP) for interim financial information. Accordingly, these statements should be read in conjunction with the audited combined financial statements for the year ended December 31, 2016, contained in the System's *2016 Annual Information Statement*, as these statements do not include all of the disclosures required by GAAP for annual financial statements.

The accompanying condensed combined financial statements contain all adjustments necessary for a fair presentation of the interim financial condition and results of operation of the System. All significant intra-System transactions and balances have been eliminated in combination. Certain amounts in prior years' combined financial statements have been reclassified to conform to the current year presentation.

A more complete description of System institutions, the significant accounting policies followed by System entities, and the System's combined financial condition and combined results of operations as of and for the year ended December 31, 2016 are contained in the *2016 Annual Information Statement*.

Recently Adopted or Issued Accounting Pronouncements

In August 2017, the Financial Accounting Standards Board (FASB) issued guidance entitled "Targeted Improvements to Accounting for Hedging Activities." The guidance better aligns an entity's risk management activities and financial reporting for hedging relationships through changes to both the designation and measurement guidance for qualifying hedging relationships and the presentation of hedge results. The amendments in this guidance require an entity to present the earnings effect of the hedging instrument in the same income statement line item in which the earnings effect of the hedged item is reported. This guidance also addresses the timing of effectiveness testing, qualitative and quantitative effectiveness testing and components that can be excluded from effectiveness testing. This guidance becomes effective for interim and annual periods beginning after December 15, 2018. The System is evaluating the impact of adoption on the System's financial condition and its results of operations.

In March 2017, the 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 System'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 System'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 System is evaluating the impact of adoption on the System's financial condition and its 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 System is evaluating the impact of adoption on the System's financial condition and 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 System'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 our 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. System institutions are in the process of reviewing contracts to determine the effect, if any, on the System's financial condition or its results of operations.

(dollars in millions, except as noted)

NOTE 2 — INVESTMENTS

Available-for-Sale

The following is a summary of available-for-sale investments held by the Banks for maintaining a liquidity reserve, managing short-term surplus funds and managing interest rate risk:

	September 30, 2017				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Commercial paper, bankers' acceptances, certificates of deposit and other securities	$ 5,919	$ 3	$ (1)	$ 5,921	1.40%
U.S. Treasury securities	16,295	43	(73)	16,265	1.48
U.S. agency securities	3,719	16	(17)	3,718	2.03
Mortgage-backed securities	27,147	148	(155)	27,140	2.00
Asset-backed securities	2,013	12	(5)	2,020	1.68
Total	$55,093	$222	$(251)	$55,064	1.77

	December 31, 2016				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Commercial paper, bankers' acceptances, certificates of deposit and other securities	$ 5,804	$ 2	$ (1)	$ 5,805	1.07%
U.S. Treasury securities	15,604	38	(98)	15,544	1.36
U.S. agency securities	5,456	33	(24)	5,465	1.62
Mortgage-backed securities	25,416	126	(199)	25,343	1.66
Asset-backed securities	2,559	15	(4)	2,570	1.23
Total	$54,839	$214	$(326)	$54,727	1.49

A summary of the fair value and amortized cost of investments available-for-sale at September 30, 2017 by contractual maturity is as follows:

	Due in 1 Year or Less		Due After 1 Year Through 5 Years		Due After 5 Years Through 10 Years		Due After 10 Years		Total	
	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield
Commercial paper, bankers' acceptances, certificates of deposit and other securities	$ 5,768		$ 153						$ 5,921	1.40%
U.S. Treasury securities	5,309		7,957		$2,999				16,265	1.48
U.S. agency securities	934		1,128		1,656				3,718	2.03
Mortgage-backed securities	5		1,359		2,342		$23,434		27,140	2.00
Asset-backed securities	37		1,141		172		670		2,020	1.68
Total fair value	$12,053	1.32%	$11,738	1.65%	$7,169	1.82%	$24,104	2.05%	$55,064	1.77
Total amortized cost	$12,050		$11,730		$7,219		$24,094		$55,093	

(dollars in millions, except as noted)

Substantially all mortgage-backed securities have contractual maturities in excess of ten years. However, expected and actual maturities for mortgage-backed securities will typically be shorter than contractual maturities because borrowers generally have the right to prepay the underlying mortgage obligations with or without prepayment penalties.

Held-to-Maturity Mission-Related and Other Investments

The Banks and Associations may hold mission-related and other investments. Mission-related programs and other mission-related investments are approved by the Farm Credit Administration. The following is a summary of held-to-maturity mission-related and other investments:

	September 30, 2017				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Mortgage-backed securities	$2,249	$12	$(52)	$2,209	3.32%
Asset-backed securities	336	1	(12)	325	2.57
Other securities	108	6	(1)	113	5.93
Total	$2,693	$19	$(65)	$2,647	3.33

	December 31, 2016				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Mortgage-backed securities	$2,132	$17	$(66)	$2,083	3.05%
Asset-backed securities	370	5	(12)	363	2.11
Other securities	135	5	(3)	137	5.87
Total	$2,637	$27	$(81)	$2,583	3.06

A summary of the fair value and amortized cost of held-to-maturity mission-related and other investments at September 30, 2017 by contractual maturity is as follows:

	Due in 1 Year or Less		Due After 1 Year Through 5 Years		Due After 5 Years Through 10 Years		Due After 10 Years		Total	
	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield
Mortgage-backed securities	$13		$ 46		$111		$2,079		$2,249	3.32%
Asset-backed securities	3		74		85		174		336	2.57
Other securities	6		18		19		65		108	5.93
Total amortized cost	$22	3.63%	$138	3.99%	$215	3.32%	$2,318	3.29%	$2,693	3.33
Total fair value	$22		$138		$213		$2,274		$2,647	

(dollars in millions, except as noted)

Available-for-Sale Mission-Related and Other Investments

The following is a summary of available-for-sale mission-related and other investments:

	September 30, 2017				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Mortgage-backed securities	$325	$1	$(6)	$320	3.04%
Other securities	12	—	—	12	5.91
Total	$337	$1	$(6)	$332	3.14

	December 31, 2016				
	Amortized Cost	Gross Unrealized Gains	Gross Unrealized Losses	Fair Value	Weighted Average Yield
Mortgage-backed securities	$343	$2	$(8)	$337	2.67%
Other securities	7	—	—	7	5.70
Total	$350	$2	$(8)	$344	2.73

A summary of the fair value and amortized cost of available-for-sale mission-related and other investments at September 30, 2017 by contractual maturity is as follows:

	Due in 1 Year or Less		Due After 1 Year Through 5 Years		Due After 5 Years Through 10 Years		Due After 10 Years		Total	
	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield	Amount	Weighted Average Yield
Mortgage-backed securities			$4		$42		$274		$320	3.04%
Other securities	$5		—		—		7		12	5.91
Total fair value	$5	4.48%	$4	3.97%	$42	4.49%	$281	2.90%	$332	3.14
Total amortized cost	$5		$4		$44		$284		$337	

(dollars in millions, except as noted)

Other-Than-Temporarily Impaired Investments Evaluation

The following tables show the gross unrealized losses and fair value of the System's investment securities that have been in a continuous unrealized loss position. An investment is considered impaired if its fair value is less than its cost. The continuous loss position is based on the date the impairment was first identified.

September 30, 2017	Less Than 12 Months		12 Months or More	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Commercial paper, bankers' acceptances, certificates of deposit and other securities	$ 1,925	$ (1)	$ 31	$ (1)
U.S. Treasury securities	6,910	(36)	2,275	(37)
U.S. agency securities	612	(5)	1,054	(12)
Mortgage-backed securities	8,706	(81)	7,948	(132)
Asset-backed securities	1,076	(6)	631	(11)
Total	$19,229	$(129)	$11,939	$(193)

December 31, 2016	Less Than 12 Months		12 Months or More	
	Fair Value	Unrealized Losses	Fair Value	Unrealized Losses
Commercial paper, bankers' acceptances, certificates of deposit and other securities	$ 758	$ (1)	$ 45	$ (3)
U.S. Treasury securities	8,788	(98)		
U.S. agency securities	1,269	(15)	642	(9)
Mortgage-backed securities	12,419	(160)	5,973	(113)
Asset-backed securities	1,045	(7)	469	(9)
Total	$24,279	$(281)	$7,129	$(134)

As more fully discussed in Note 2 of the *2016 Annual Information Statement*, the guidance for other-than-temporary impairment contemplates numerous factors in determining whether an impairment is other-than-temporary including: (1) whether or not an entity intends to sell the security, (2) whether it is more likely than not that an entity would be required to sell the security before recovering its costs, or (3) whether or not an entity expects to recover the security's entire amortized cost basis (even if it does not intend to sell).

System institutions perform an evaluation quarterly on a security-by-security basis considering all available information. If a Bank or Association intends to sell the security or it is more likely than not that it would be required to sell the security, the impairment loss equals the full difference between amortized cost and fair value of the security. When a Bank or Association does not intend to sell securities in an unrealized loss position, other-than-temporary impairment is considered using various factors, including the length of time and the extent to which the fair value is less than cost, adverse conditions specifically related to the industry, geographic area and the condition of the underlying collateral, payment structure of the security, ratings by rating agencies, the creditworthiness of bond insurers and volatility of the fair value changes. A Bank or Association uses estimated cash flows over the remaining lives of the underlying collateral to assess whether credit losses exist. In estimating cash flows, it considers factors such as expectations of relevant market and economic data, including underlying loan level data for mortgage-backed and asset-backed securities and credit enhancements.

(dollars in millions, except as noted)

For impaired investments, a Bank or Association estimates the portion of the loss that is attributable to credit losses using a discounted cash flow model on a security-by-security basis. The various models require key assumptions related to the underlying collateral, including default rates, degree and timing of prepayments, and loss severity. Assumptions can vary widely from security to security and are influenced by such factors as interest rate, geographical location of the borrower, borrower characteristics and collateral type. Default rate assumptions are generally estimated using historical loss and performance information to estimate future defaults and prepayment rate assumptions are based on historical and projected prepayment rates. Loss severity assumptions are obtained from independent third parties or through research using available data on the underlying collateral type from sources including broker/dealers and rating agencies. The following summarizes the assumptions used at:

	September 30, 2017	
Assumptions Used	**Mortgage-backed Securities**	**Asset-backed Securities**
Default rate by range	6.3% - 11.3%	4.5% - 15.3%
Prepayment rate by range	13.0% - 24.5%	14.4% - 53.8%
Loss severity by range	0.5% - 64.6%	29.8% - 33.4%

	December 31, 2016	
Assumptions Used	**Mortgage-backed Securities**	**Asset-backed Securities**
Default rate by range	6.2% - 11.4%	5.9% - 18.8%
Prepayment rate by range	10.3% - 15.2%	11.4% - 49.4%
Loss severity by range	7.8% - 79.8%	33.8% - 39.9%

(dollars in millions, except as noted)

NOTE 3 — LOANS AND ALLOWANCE FOR LOAN LOSSES

Loans outstanding consisted of the following:

	September 30, 2017	December 31, 2016
Real estate mortgage	$117,599	$114,446
Production and intermediate-term*	53,837	53,762
Agribusiness	38,269	39,628
Rural infrastructure	27,688	27,440
Rural residential real estate	7,219	7,148
Other**	6,550	6,344
Total loans	$251,162	$248,768

* Includes lease receivables.

** Includes agricultural export finance loans and loans to other financing institutions.

The Farm Credit Administration Uniform Loan Classification System includes five categories: acceptable, other assets especially mentioned (OAEM), substandard, doubtful and loss. The following table shows loans and related accrued interest classified under the Farm Credit Administration Uniform Loan Classification System as a percentage of total loans and related accrued interest receivable by loan type as of:

	September 30, 2017	December 31, 2016
Real estate mortgage		
Acceptable	93.6%	94.8%
OAEM	3.2	2.5
Substandard/doubtful	3.2	2.7
	100.0	100.0
Production and intermediate-term		
Acceptable	89.1	91.1
OAEM	5.7	4.6
Substandard/doubtful	5.2	4.3
	100.0	100.0
Agribusiness		
Acceptable	95.4	94.9
OAEM	1.9	2.7
Substandard/doubtful	2.7	2.4
	100.0	100.0
Rural infrastructure		
Acceptable	98.1	97.1
OAEM	1.4	2.6
Substandard/doubtful	0.5	0.3
	100.0	100.0
Rural residential real estate		
Acceptable	96.9	97.0
OAEM	1.1	1.1
Substandard/doubtful	2.0	1.9
	100.0	100.0
Other		
Acceptable	99.9	100.0
OAEM	0.0	0.0
Substandard/doubtful	0.1	0.0
	100.0	100.0
Total Loans		
Acceptable	93.6	94.5
OAEM	3.2	2.9
Substandard/doubtful	3.2	2.6
	100.0	100.0

(dollars in millions, except as noted)

Impaired loans (which consist of nonaccrual loans, accruing restructured loans and accruing loans 90 days or more past due) are loans for which it is probable that not all principal and interest will be collected according to the contractual terms of the loan. The following tables present information concerning impaired loans and include both the principal outstanding and the related accrued interest receivable on these loans.

	September 30, 2017	December 31, 2016
Nonaccrual loans:		
Current as to principal and interest	$1,026	$ 884
Past due	675	707
Total nonaccrual loans	1,701	1,591
Impaired accrual loans:		
Restructured accrual loans	298	344
Accrual loans 90 days or more past due	37	27
Total impaired accrual loans	335	371
Total impaired loans	$2,036	$1,962

(dollars in millions, except as noted)

The following table reflects nonperforming assets (which consist of impaired loans and other property owned) in a more detailed manner than the previous table. In addition, certain related credit quality statistics are included below:

	September 30, 2017	December 31, 2016
Nonaccrual loans:		
Real estate mortgage	$ 849	$ 835
Production and intermediate-term	564	537
Agribusiness	220	167
Rural infrastructure	11	
Rural residential real estate	53	52
Other	4	
Total nonaccrual loans	1,701	1,591
Accruing restructured loans:		
Real estate mortgage	186	182
Production and intermediate-term	101	94
Agribusiness	4	2
Rural infrastructure		59
Rural residential real estate	7	7
Total accruing restructured loans	298	344
Accruing loans 90 days or more past due:		
Real estate mortgage	19	16
Production and intermediate-term	17	11
Agribusiness	1	
Total accruing loans 90 days or more past due	37	27
Total nonperforming loans	2,036	1,962
Other property owned	63	75
Total nonperforming assets	$2,099	$2,037

	September 30, 2017	December 31, 2016
Nonaccrual loans as a percentage of total loans	0.68%	0.64%
Nonperforming assets as a percentage of total loans and other property owned	0.84	0.82
Nonperforming assets as a percentage of capital	3.78	3.89

Commitments to lend additional funds to debtors whose loans were classified as impaired were $54 million at September 30, 2017 and $46 million at December 31, 2016.

(dollars in millions, except as noted)

Additional impaired loan information by class is as follows:

	September 30, 2017			December 31, 2016		
	Recorded Investment*	Unpaid Principal Balance**	Related Allowance	Recorded Investment*	Unpaid Principal Balance**	Related Allowance
Impaired loans with a related allowance for loan losses:						
Real estate mortgage	$ 190	$ 219	$ 34	$ 198	$ 221	$ 33
Production and intermediate-term	240	275	76	215	251	71
Agribusiness	159	183	57	117	139	18
Rural infrastructure	11	11	5			
Rural residential real estate	7	8	2	6	7	2
Total	607	696	174	536	618	124
Impaired loans with no related allowance for loan losses:						
Real estate mortgage	864	1,003		835	1,005	
Production and intermediate-term	442	645		427	629	
Agribusiness	66	90		52	88	
Rural infrastructure		8		59	83	
Rural residential real estate	53	65		53	65	
Other	4	4				
Total	1,429	1,815		1,426	1,870	
Total impaired loans:						
Real estate mortgage	1,054	1,222	34	1,033	1,226	33
Production and intermediate-term	682	920	76	642	880	71
Agribusiness	225	273	57	169	227	18
Rural infrastructure	11	19	5	59	83	
Rural residential real estate	60	73	2	59	72	2
Other	4	4				
Total	$2,036	$2,511	$174	$1,962	$2,488	$124

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

** Unpaid principal balance represents the contractual principal balance of the loan.

(dollars in millions, except as noted)

	For the Three Months Ended				For the Nine Months Ended			
	September 30, 2017		September 30, 2016		September 30, 2017		September 30, 2016	
	Average Impaired Loans	Interest Income Recognized	Average Impaired Loans	Interest Income Recognized	Average Impaired Loans	Interest Income Recognized	Average Impaired Loans	Interest Income Recognized
Impaired loans with a related allowance for loan losses:								
Real estate mortgage	$ 141	$ 1	$ 132	$ 1	$ 155	$ 2	$ 124	$ 2
Production and intermediate-term	224		196		237	2	185	2
Agribusiness	149		76		126		85	1
Rural infrastructure	11		4		4		17	
Rural residential real estate	6		6		6		7	
Total	531	1	414	1	528	4	418	5
Impaired loans with no related allowance for loan losses:								
Real estate mortgage	935	13	889	10	929	37	846	35
Production and intermediate-term	459	6	431	9	441	24	397	26
Agribusiness	41	1	30		46	4	28	2
Rural infrastructure		1	45	1	15	4	54	2
Rural residential real estate	53	1	54	1	53	2	55	3
Total	1,488	22	1,449	21	1,484	71	1,380	68
Total impaired loans:								
Real estate mortgage	1,076	14	1,021	11	1,084	39	970	37
Production and intermediate-term	683	6	627	9	678	26	582	28
Agribusiness	190	1	106		172	4	113	3
Rural infrastructure	11	1	49	1	19	4	71	2
Rural residential real estate	59	1	60	1	59	2	62	3
Total	$2,019	$23	$1,863	$22	$2,012	$75	$1,798	$73

(dollars in millions, except as noted)

The following tables provide an aging analysis of past due loans (including accrued interest) by portfolio segment:

	September 30, 2017					
	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Not Past Due or less than 30 Days Past Due	Total Loans and Accrued Interest	Recorded Investment >90 Days and Accruing
Real estate mortgage	$309	$283	$ 592	$118,630	$119,222	$19
Production and intermediate-term	238	288	526	53,961	54,487	17
Agribusiness	27	22	49	38,370	38,419	1
Rural infrastructure				27,805	27,805	
Rural residential real estate	39	17	56	7,194	7,250	
Other				6,569	6,569	
Total	$613	$610	$1,223	$252,529	$253,752	$37

	December 31, 2016					
	30-89 Days Past Due	90 Days or More Past Due	Total Past Due	Not Past Due or less than 30 Days Past Due	Total Loans and Accrued Interest	Recorded Investment >90 Days and Accruing
Real estate mortgage	$355	$296	$ 651	$114,964	$115,615	$16
Production and intermediate-term	295	237	532	53,747	54,279	11
Agribusiness	22	26	48	39,714	39,762	
Rural infrastructure	15		15	27,531	27,546	
Rural residential real estate	76	18	94	7,083	7,177	
Other				6,362	6,362	
Total	$763	$577	$1,340	$249,401	$250,741	$27

(dollars in millions, except as noted)

A summary of changes in the allowance for loan losses and the recorded investment for loans outstanding by portfolio segment follows:

	Real estate mortgage	Production and intermediate-term	Agribusiness	Rural infrastructure	Rural residential real estate	Other	Total
Allowance for Loan Losses:							
Balance at June 30, 2017	$433	$494	$410	$213	$22	$16	$1,588
Charge-offs	(1)	(12)			(1)		(14)
Recoveries	1	6	1		1		9
Provision for loan losses (loan loss reversal)	20	46	15	(9)	(2)	1	71
Adjustment due to merger	(10)	(19)	(4)	(2)			(35)
Reclassification to/from reserve for unfunded commitments*	2	(1)	(12)	2			(9)
Balance at September 30, 2017	$445	$514	$410	$204	$20	$17	$1,610
Balance at June 30, 2016	$368	$441	$381	$206	$22	$15	$1,433
Charge-offs	(3)	(18)					(21)
Recoveries	7	3		3			13
Provision for loan losses (loan loss reversal)	18	41	4	(4)		(1)	58
Reclassification to/from reserve for unfunded commitments*	(3)	(2)	(20)	(1)			(26)
Balance at September 30, 2016	$387	$465	$365	$204	$22	$14	$1,457
Balance at December 31, 2016	$399	$462	$407	$201	$21	$16	$1,506
Charge-offs	(10)	(33)	(3)		(2)		(48)
Recoveries	5	14	5	2	1		27
Provision for loan losses	69	93	21	4		1	188
Adjustment due to merger	(11)	(21)	(4)	(2)			(38)
Reclassification to/from reserve for unfunded commitments*	(7)	(1)	(16)	(1)			(25)
Balance at September 30, 2017	$445	$514	$410	$204	$20	$17	$1,610
Balance at December 31, 2015	$336	$386	$320	$204	$20	$14	$1,280
Charge-offs	(9)	(35)	(6)		(2)		(52)
Recoveries	13	10	4	4	1		32
Provision for loan losses (loan loss reversal)	55	106	57	(3)	3		218
Adjustment due to merger	(1)						(1)
Reclassification to/from reserve for unfunded commitments*	(7)	(2)	(10)	(1)			(20)
Balance at September 30, 2016	$387	$465	$365	$204	$22	$14	$1,457
Ending Balance at September 30, 2017:							
Individually evaluated for impairment	$ 35	$ 76	$ 57	$ 5	$ 2		$ 175
Collectively evaluated for impairment	410	438	353	199	18	$17	1,435
Balance at September 30, 2017	$445	$514	$410	$204	$20	$17	$1,610
Ending Balance at December 31, 2016:							
Individually evaluated for impairment	$ 33	$ 71	$ 18		$ 2		$ 124
Collectively evaluated for impairment	366	391	389	$201	19	$16	1,382
Balance at December 31, 2016	$399	$462	$407	$201	$21	$16	$1,506

* Represents reclassifications between the allowance for loan losses and the reserve for unfunded commitments primarily as a result of advances on or repayments of seasonal lines of credit or other loans.

(dollars in millions, except as noted)

	Real estate mortgage	Production and intermediate-term	Agribusiness	Rural infrastructure	Rural residential real estate	Other	Total
Recorded Investments in Loans Outstanding:							
Ending balance at September 30, 2017:							
Loans individually evaluated for impairment	$ 1,260	$ 703	$ 236	$ 12	$1,573	$ 74	$ 3,858
Loans collectively evaluated for impairment	117,962	53,784	38,183	27,793	5,677	6,495	249,894
Balance at September 30, 2017	$119,222	$54,487	$38,419	$27,805	$7,250	$6,569	$253,752
Ending balance at December 31, 2016:							
Loans individually evaluated for impairment	$ 1,226	$ 666	$ 185	$ 17	$1,700	$ 71	$ 3,865
Loans collectively evaluated for impairment	114,389	53,613	39,577	27,529	5,477	6,291	246,876
Balance at December 31, 2016	$115,615	$54,279	$39,762	$27,546	$7,177	$6,362	$250,741

A restructuring of a loan constitutes a troubled debt restructuring, also known as formally restructured, 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. 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. When a restructured loan constitutes a troubled debt restructuring, these loans are included within our risk loans under nonaccrual or accruing restructured loans. All risk loans are analyzed within our allowance for loan losses.

The following table presents additional information regarding troubled debt restructurings that occurred during the following periods:

	For the Three Months Ended September 30, 2017		For the Three Months Ended September 30, 2016	
	Pre-modification Outstanding Recorded Investment*	Post-modification Outstanding Recorded Investment*	Pre-modification Outstanding Recorded Investment*	Post-modification Outstanding Recorded Investment*
Troubled debt restructurings:				
Real estate mortgage	$ 6	$ 6	$16	$14
Production and intermediate-term	8	7	7	9
Agribusiness			24	24
Rural residential real estate			1	1
Total	$14	$13	$48	$48

(dollars in millions, except as noted)

	For the Nine Months Ended September 30, 2017		For the Nine Months Ended September 30, 2016	
	Pre-modification Outstanding Recorded Investment*	Post-modification Outstanding Recorded Investment*	Pre-modification Outstanding Recorded Investment*	Post-modification Outstanding Recorded Investment*
Troubled debt restructurings:				
Real estate mortgage	$ 33	$ 33	$ 33	$ 31
Production and intermediate-term	63	62	44	45
Agribusiness	4	4	24	24
Rural residential real estate	1	1	2	2
Total	$101	$100	$103	$102

* Pre-modification represents the recorded investment just prior to restructuring and post-modification represents the recorded investment immediately following the restructuring. The recorded investment is the face amount of the receivable increased or decreased by applicable accrued interest and unamortized premium, discount, finance charges, or acquisition costs and may also reflect a previous direct write-down of the investment.

The System had no significant troubled debt restructurings that occurred within the previous 12 months and for which there was a payment default during the first nine months of 2017 and 2016.

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 Modified as Troubled Debt Restructurings		Troubled Debt Restructurings in Nonaccrual Status*	
	September 30, 2017	December 31, 2016	September 30, 2017	December 31, 2016
Real estate mortgage	$260	$270	$ 74	$ 88
Production and intermediate-term	149	163	48	69
Agribusiness	34	53	30	51
Rural infrastructure		59		
Rural residential real estate	11	11	4	4
Total	$454	$556	$156	$212

* Represents the portion of loans modified as troubled debt restructurings that are in nonaccrual status.

Additional commitments to lend to borrowers whose loans have been modified in troubled debt restructurings were $23 million at September 30, 2017 and $19 million at December 31, 2016.

Loans held for sale were $46 million and $115 million at September 30, 2017 and December 31, 2016. Such loans are included in other assets and are carried at the lower of cost or fair value.

(dollars in millions, except as noted)

NOTE 4 — OTHER ASSETS AND OTHER LIABILITIES

Other assets consisted of the following:

	September 30, 2017	December 31, 2016
Equipment held for lease	$ 841	$ 982
Accounts receivable	790	322
Interest rate swaps and other derivatives	183	226
Assets held in non-qualified benefits trusts	166	151
Equity investments in other System institutions	111	100
Other property owned	63	75
Prepaid expenses	54	64
Loans held for sale	46	115
Net deferred tax assets	22	20
Collateral pledged to derivative counterparties	21	74
Other	183	158
Total	$2,480	$2,287

Other liabilities consisted of the following:

	September 30, 2017	December 31, 2016
Pension and other postretirement benefit plan liabilities	$1,329	$1,379
Patronage and dividends payable	543	1,256
Accounts payable	525	690
Net deferred tax liabilities	396	477
Reserve for unfunded commitments	200	175
Accrued salaries and employee benefits	193	242
Interest rate swaps and other derivatives	113	197
Liabilities held in non-qualified benefit trusts	97	87
Bank drafts payable	91	159
Collateral held from derivative counterparties	25	86
Other	311	287
Total	$3,823	$5,035

NOTE 5 — FARM CREDIT INSURANCE FUND

The assets in the Insurance Fund are designated as restricted assets and the related capital is designated as restricted capital. The classification of the Insurance Fund as restricted assets (and as restricted capital) in the System's condensed combined financial statements is based on the statutory requirement that the amounts in the Insurance Fund are to be used solely for purposes specified in the Farm Credit Act of 1971, as amended (Farm Credit Act), all of which benefit Banks and Associations. The Insurance Fund is under the direct control of the Farm Credit System Insurance Corporation (Insurance Corporation), an independent U.S. government-controlled corporation, and not under the control of any System institution. A board of directors consisting of the Farm Credit Administration Board directs the Insurance Corporation.

The System does not have a guaranteed line of credit from the U.S. Treasury or the Federal Reserve. However, the Insurance Corporation has an agreement with the Federal Financing Bank, a federal instrumentality subject to the supervision and direction of the U.S. Treasury, pursuant to which the Federal Financing Bank would advance funds to the Insurance Corporation. Under its existing statutory authority, the Insurance Corporation may use these funds to provide assistance to the System Banks in exigent market circumstances that threaten the Banks' ability to pay maturing debt obligations. The agreement provides for advances of up to $10 billion and terminates on September 30, 2018, unless otherwise renewed. The decision whether to seek funds from the Federal Financing Bank is at the discretion of the Insurance Corporation, and each funding obligation of the Federal Financing Bank is subject to various terms and conditions and, as a result, there can be no assurance that funding would be available if needed by the System.

At September 30, 2017, total assets in the Insurance Fund totaled $4.748 billion and consisted of cash, investments, related accrued interest receivable and other receivables of $4.493 billion and of premiums receivable from System institutions of $255 million accrued on the basis of adjusted outstanding insured debt during the first nine months of

(dollars in millions, except as noted)

2017. Investments held by the Insurance Fund must be obligations of the United States or obligations guaranteed as to principal and interest by the United States.

During the first nine months of 2017, income earned on assets in the Insurance Fund and premiums accrued by the Insurance Corporation totaled $295 million, net of administrative expenses.

NOTE 6 — SYSTEMWIDE DEBT SECURITIES AND SUBORDINATED DEBT

Aggregate maturities and the weighted average interest rate of Systemwide Debt Securities were as follows at September 30, 2017:

	Bonds		Medium-term notes		Discount notes		Total	
	Amount	Weighted Average Interest Rate	Amount	Weighted Average Interest Rate	Amount	Weighted Average Interest Rate	Amount	Weighted Average Interest Rate
Due in 1 year or less	$ 75,641	1.18%			$25,430	1.06%	$101,071	1.15%
Due after 1 year through 2 years	61,499	1.22	$ 1	6.67%			61,500	1.22
Due after 2 years through 3 years	24,297	1.45					24,297	1.45
Due after 3 years through 4 years	13,789	1.69	4	7.35			13,793	1.69
Due after 4 years through 5 years	12,829	1.94					12,829	1.94
Due after 5 years	44,277	2.66	84	5.77			44,361	2.67
Total	$232,332	1.57	$89	5.85	$25,430	1.06	$257,851	1.52

On June 15, 2017, CoBank redeemed $500 million of its three-month LIBOR plus 0.60% subordinated debt at par plus accrued interest due in 2022. As a result of this redemption, the System no longer has subordinated debt outstanding.

NOTE 7 — MERGER OF SYSTEM INSTITUTIONS

As discussed in the *2016 Annual Information Statement*, the primary reason for System entity mergers is based on a determination that the combined organization would be financially and operationally stronger with an enhanced ability to fulfill its mission.

Effective January 1, 2017, two Associations in the CoBank District merged and, on July 1, 2017, two separate mergers were consummated in the AgriBank District. One of the two mergers in the AgriBank District combined three Associations, while the other merger combined two Associations in that District. As a result, the number of Associations within the AgriBank District was reduced by three.

The following table summarizes the fair values of the identifiable assets acquired and liabilities assumed as of:

	Fair Value		
Merger Date	Total Assets Acquired	Total Liabilities Assumed	Net Assets Acquired
July 1, 2017	$11,662	$9,357	$2,305
January 1, 2017	736	571	165

The following table summarizes the loans acquired in the merger transactions:

Merger Date	Loans Acquired at Fair Value	Loans Acquired at Contractual Amount	Gross Contractual Amount Not Expected to be Collected
July 1, 2017	$10,779	$11,033	$0
January 1, 2017	675	684	0

(dollars in millions, except as noted)

NOTE 8 — CAPITAL STRUCTURE

Capital consisted of the following at September 30, 2017:

	Combined Banks	Combined Associations	Combination Entries	System Combined
Preferred stock	$ 2,399	$ 686		$ 3,085
Capital stock and participation certificates	5,881	589	$(4,613)	1,857
Additional paid-in-capital	59	3,583		3,642
Restricted capital — Insurance Fund			4,748	4,748
Accumulated other comprehensive loss	(186)	(138)	(1,066)	(1,390)
Retained earnings	10,476	33,317	(230)	43,563
Total capital	$18,629	$38,037	$(1,161)	$55,505

Preferred stock issued and outstanding reflects the issuance by four Banks and six Associations. During the first quarter of 2017, one Association issued $20 million of cumulative perpetual preferred stock.

Combined System retained earnings reflected net eliminations of $230 million representing transactions between the Banks, the Associations and/or the Insurance Fund. Capital stock and participation certificates of the Banks amounting to $4.6 billion were owned by the Associations. These amounts have been eliminated in the accompanying condensed combined financial statements. Restricted capital is only available for statutorily authorized purposes and is not available for payment of dividends or patronage distributions.

Accumulated other comprehensive loss was comprised of the following components:

	September 30, 2017			December 31, 2016		
	Before Tax	Deferred Tax	Net of Tax	Before Tax	Deferred Tax	Net of Tax
Unrealized losses on investments available-for-sale, net	$ (33)	$ (2)	$ (35)	$ (121)	$ 4	$ (117)
Unrealized gains on other-than-temporarily impaired investments available-for-sale	4		4	6	(1)	5
Unrealized losses on cash flow hedges, net	(83)	13	(70)	(61)	12	(49)
Pension and other benefit plans	(1,329)	40	(1,289)	(1,414)	41	(1,373)
	$(1,441)	$51	$(1,390)	$(1,590)	$56	$(1,534)

(dollars in millions, except as noted)

The following tables present the activity in the accumulated other comprehensive loss, net of tax by component:

	Unrealized losses on investments available-for-sale, net	Unrealized gains on other-than-temporarily impaired investments available-for-sale	Unrealized losses on cash flow hedges, net	Pension and other benefit plans	Accumulated other comprehensive loss
Balance at June 30, 2017	$(30)	$ 4	$(71)	$(1,319)	$(1,416)
Other comprehensive income before reclassifications	(5)	1	2		(2)
Amounts reclassified from accumulated other comprehensive loss to income		(1)	(1)	30	28
Net current period other comprehensive income	(5)		1	30	26
Balance at September 30, 2017	$(35)	$ 4	$(70)	$(1,289)	$(1,390)

	Unrealized gains on investments available-for-sale, net	Unrealized gains on other-than-temporarily impaired investments available-for-sale	Unrealized losses on cash flow hedges, net	Pension and other benefit plans	Accumulated other comprehensive loss
Balance at June 30, 2016	$ 440	$ 25	$(236)	$(1,354)	$(1,125)
Other comprehensive income before reclassifications	(124)	(4)	13		(115)
Amounts reclassified from accumulated other comprehensive loss to income		(16)	2	28	14
Net current period other comprehensive income	(124)	(20)	15	28	(101)
Balance at September 30, 2016	$ 316	$ 5	$(221)	$(1,326)	$(1,226)

	Unrealized losses on investments available-for-sale, net	Unrealized gains on other-than-temporarily impaired investments available-for-sale	Unrealized losses on cash flow hedges, net	Pension and other benefit plans	Accumulated other comprehensive loss
Balance at December 31, 2016	$(117)	$ 5	$(49)	$(1,373)	$(1,534)
Other comprehensive income before reclassifications	87	3	(29)	1	62
Amounts reclassified from accumulated other comprehensive loss to income	(5)	(4)	8	83	82
Net current period other comprehensive income	82	(1)	(21)	84	144
Balance at September 30, 2017	$ (35)	$ 4	$(70)	$(1,289)	$(1,390)

(dollars in millions, except as noted)

	Unrealized gains on investments available-for-sale, net	Unrealized gains on other-than-temporarily impaired investments available-for-sale	Unrealized losses on cash flow hedges, net	Pension and other benefit plans	Accumulated other comprehensive loss
Balance at December 31, 2015	$ 35	$ 34	$(107)	$(1,409)	$(1,447)
Other comprehensive income before reclassifications	283	(8)	(118)		157
Amounts reclassified from accumulated other comprehensive loss to income	(2)	(21)	4	83	64
Net current period other comprehensive income	281	(29)	(114)	83	221
Balance at September 30, 2016	$316	$ 5	$(221)	$(1,326)	$(1,226)

The following table represents reclassifications out of accumulated other comprehensive income (loss):

	For the Three Months Ended September 30,		For the Nine Months Ended September 30,		Location of Gain/Loss Recognized in Condensed Combined Statement of Income
	2017	2016	2017	2016	
Unrealized gains/losses on investments available-for-sale, net:					
Sales gains and losses			$ 5	$ 2	Net gains on sales of investments and other assets
Net amounts reclassified			5	2	
Unrealized gains on other-than-temporarily-impaired investments available-for-sale:					
Holding gains and losses		$(13)		(15)	Net other-than-temporary impairment losses recognized in earnings
Sales gains and losses	$ 1	29	4	36	Net gain on sales of investments and other assets
Net amounts reclassified	1	16	4	21	
Unrealized losses on cash flow hedges, net:					
Interest rate contracts	$ (2)	(1)	(6)	(4)	Interest expense
Other contracts	5	(2)	(3)	(1)	Interest income
Deferred tax	(2)	1	1	1	Provision for income taxes
Net amounts reclassified	1	(2)	(8)	(4)	
Pension and other benefit plans:					
Net actuarial loss	(31)	(29)	(87)	(85)	Salaries and employee benefits
Prior service cost			2		Salaries and employee benefits
Deferred tax	1	1	2	2	Provision for income taxes
Net amounts reclassified	(30)	(28)	(83)	(83)	
Total reclassifications	$(28)	$(14)	$(82)	$(64)	

(dollars in millions, except as noted)

Only the Banks are statutorily liable for the payment of principal and interest on Federal Farm Credit Banks Consolidated Systemwide Bonds, Federal Farm Credit Banks Consolidated Systemwide Discount Notes, Federal Farm Credit Banks Consolidated Systemwide Medium-Term Notes and other debt securities issued under Section 4.2(d) of the Farm Credit Act (collectively, Systemwide Debt Securities). Under each Bank's bylaws, the Bank is authorized under certain circumstances to require its affiliated Associations and certain other equity holders to purchase additional Bank equities. In most cases, the Banks are limited as to the amounts of these purchases that may be required, generally with reference to a percentage of the Association's or other equity holder's direct loan from the Bank, and calls for additional equity investments may be subject to other limits or conditions. However, the Banks also generally possess indirect access to certain financial resources of their affiliated Associations through loan-pricing provisions and through Bank-influenced District operating and financing policies and agreements.

Capital regulations issued by the System's regulator, the Farm Credit Administration, require that the Banks and Associations maintain regulatory minimums for the following capital ratios:

Ratio	Minimum Requirement	Minimum Requirement with Buffer
Common Equity Tier 1 Capital	4.5%	7.0%
Tier 1 Capital	6.0%	8.5%
Total Capital	8.0%	10.5%
Tier 1 Leverage*	4.0%	5.0%
Unallocated Retained Earnings (URE) and URE Equivalents (UREE) Leverage	1.5%	—
Permanent Capital	7.0%	—

* Must include the regulatory minimum requirement for the URE and UREE Leverage ratio.

The capital requirements have a three-year phase-in of the capital conservation buffer applied to these capital ratios, except for the Tier 1 Leverage ratio that has no phase-in. The buffer amounts shown reflect the full capital conservation buffer.

At September 30, 2017, all System institutions complied with these standards.

NOTE 9 — EMPLOYEE BENEFIT PLANS

The Banks and substantially all Associations participate in defined benefit retirement plans. The Banks and Associations, except for CoBank and certain related Associations, generally have governmental plans that cover many System institutions and as such cannot be attributed to any individual entity. Thus, these plans are recorded at the combined District level. Although these plans are aggregated in the System's combined financial statements, the plan assets are particular to each plan's obligations. These retirement plans are noncontributory and benefits are based on salary and years of service. The Banks and Associations have closed their defined benefit pension plans to new participants and offer defined contribution retirement plans to all employees hired subsequent to the close of their respective plans. In addition, certain System institutions provide healthcare and other postretirement benefits to eligible retired employees. Employees of System institutions may become eligible for healthcare and other postretirement benefits if they reach normal retirement age while working for the System.

The following table summarizes the components of net periodic benefit cost for the three months ended September 30:

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Service cost	$ 17	$ 19	$1	$1
Interest cost	38	38	3	4
Expected return on plan assets	(45)	(45)		
Net amortization and deferral	29	29		
Curtailments	3			
Net periodic benefit cost	$ 42	$ 41	$4	$5

(dollars in millions, except as noted)

The following table summarizes the components of net periodic benefit cost for the nine months ended September 30:

	Pension Benefits		Other Benefits	
	2017	2016	2017	2016
Service cost	$ 52	$ 55	$ 3	$ 3
Interest cost	116	115	9	10
Expected return on plan assets	(136)	(134)		
Net amortization and deferral	85	87	1	1
Curtailments	4	2		
Net periodic benefit cost	$ 121	$ 125	$13	$14

The System previously disclosed for the year ended December 31, 2016 that the Banks and Associations expected to contribute $216 million to their pension plans and $12 million to their other postretirement benefit plans in 2017. As of September 30, 2017, $93 million and $9 million of contributions have been made to pension and other postretirement benefit plans. System institutions presently anticipate contributing an additional $117 million to fund their pension plans and $3 million to fund their other postretirement benefit plans during the fourth quarter of 2017.

NOTE 10 — 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 2 — Summary of Significant Accounting Policies in the *2016 Annual Information Statement* for additional information.

Assets and liabilities measured at fair value on a recurring basis at September 30, 2017 and December 31, 2016 for each of the fair value hierarchy levels are summarized below:

	Fair Value Measurement Using			Total
September 30, 2017	Level 1	Level 2	Level 3	Fair Value
Assets:				
Federal funds sold and securities purchased under resale agreements		$ 1,730		$ 1,730
Commercial paper, bankers' acceptances, certificates of deposit and other securities		5,916	$ 17	5,933
U.S. Treasury securities		16,265		16,265
U.S. agency securities		3,718		3,718
Mortgage-backed securities		26,814	646	27,460
Asset-backed securities		1,991	29	2,020
Derivative assets		183		183
Assets held in non-qualified benefits trusts	$166			166
Total assets	$166	$56,617	$692	$57,475
Liabilities:				
Derivative liabilities		$ 113		$ 113
Collateral liabilities		25		25
Standby letters of credit			$ 13	13
Total liabilities	$ 0	$ 138	$ 13	$ 151

(dollars in millions, except as noted)

December 31, 2016	Fair Value Measurement Using			Total
	Level 1	Level 2	Level 3	Fair Value
Assets:				
Federal funds sold and securities purchased under resale agreements		$ 1,627		$ 1,627
Commercial paper, bankers' acceptances, certificates of deposit and other securities		5,805	$ 7	5,812
U.S. Treasury securities		15,544		15,544
U.S. agency securities		5,465		5,465
Mortgage-backed securities		24,993	687	25,680
Asset-backed securities		2,538	32	2,570
Derivative assets		226		226
Assets held in non-qualified benefits trusts	$151			151
Total assets	$151	$56,198	$726	$57,075
Liabilities:				
Derivative liabilities		$ 197		$ 197
Collateral liabilities		86		86
Standby letters of credit			$ 13	13
Total liabilities	$ 0	$ 283	$ 13	$ 296

The tables below summarize the activity of all Level 3 assets and liabilities measured at fair value on a recurring basis for the three months ended September 30, 2017 and 2016:

	Commercial paper, bankers' acceptances certificates of deposit and other securities	Mortgage-backed securities	Asset-backed securities	Standby letters of credit
Balance at June 30, 2017	$ 9	$651	$30	$14
Total gains or (losses) realized/unrealized:				
Included in earnings		(1)		
Included in other comprehensive loss		7	(1)	
Purchases	7	105		
Sales		(51)		
Issuances	1			1
Settlements		(24)		(2)
Transfers from Level 3 into Level 2		(41)		
Balance at September 30, 2017	$17	$646	$29	$13

There were no losses included in earnings during the third quarter of 2017 that were attributable to the change in unrealized gains or losses relating to assets or liabilities still held at September 30, 2017.

(dollars in millions, except as noted)

	Commercial paper, bankers' acceptances, certificates of deposit and other securities	Mortgage-backed securities	Asset-backed securities	Standby letters of credit
Balance at June 30, 2016		$665	$42	$14
Total gains realized/unrealized:				
Included in earnings		4		
Included in other comprehensive loss		1	1	
Sales		(61)		
Issuances				2
Settlements		(33)	(4)	(2)
Transfers from Level 3 into Level 2			(5)	
Transfers into Level 3 from Level 2	$5			
Balance at September 30, 2016	$5	$576	$34	$14
The amount of losses for the period included in earnings attributable to the change in unrealized gains or losses relating to assets or liabilities still held at September 30, 2016	$0	$ 13	$ 0	$ 0

The tables below summarize the activity of all Level 3 assets and liabilities measured at fair value on a recurring basis for the nine months ended September 30, 2017 and 2016:

	Commercial paper, bankers' acceptances certificates of deposit and other securities	Mortgage-backed securities	Asset-backed securities	Standby letters of credit
Balance at December 31, 2016	$ 7	$687	$32	$13
Total gains or (losses) realized/unrealized:				
Included in earnings		(1)		
Included in other comprehensive loss		15	(1)	
Purchases	7	146		
Sales		(76)		
Issuances	3			6
Settlements		(84)	(2)	(6)
Transfers from Level 3 into Level 2		(41)		
Balance at September 30, 2017	$17	$646	$29	$13

There were no losses included in earnings during the first nine months of 2017 that were attributable to the change in unrealized gains or losses relating to assets or liabilities still held at September 30, 2017.

(dollars in millions, except as noted)

	Commercial paper, bankers' acceptances, certificates of deposit and other securities	Mortgage-backed securities	Asset-backed securities	Standby letters of credit
Balance at December 31, 2015		$807	$56	$14
Total gains or (losses) realized/unrealized:				
Included in earnings		5	5	
Included in other comprehensive loss		(7)	(7)	
Sales		(87)	(7)	
Issuances				6
Settlements		(92)	(8)	(6)
Transfers from Level 3 into Level 2		(50)	(5)	
Transfers into Level 3 from Level 2	$5			
Balance at September 30, 2016	$5	$576	$34	$14
The amount of losses for the period included in earnings attributable to the change in unrealized gains or losses relating to assets or liabilities still held at September 30, 2016	$0	$ 15	$ 0	$ 0

The transfers between Level 3 and Level 2 during the first nine months of 2017 and 2016 were due to a change in the sources of pricing information. There were no transfers into or out of Level 1 during the first nine months of 2017 and 2016.

Assets measured at fair value on a non-recurring basis for each of the fair value hierarchy levels are summarized below:

September 30, 2017	Fair Value Measurement Using		Total Fair Value	Total Losses for the Nine Months Ended September 30, 2017
	Level 2	Level 3		
Loans	$49	$391	$440	$(101)
Other property owned		70	70	(3)

December 31, 2016	Fair Value Measurement Using		Total Fair Value	Total (Losses) Gains for the Nine Months Ended September 30, 2016
	Level 2	Level 3		
Loans(1)	$30	$337	$367	$(48)
Other property owned		83	83	7

(1) Subsequent to the issuance of the *2016 Annual Information Statement,* management identified errors in the reporting of certain loans measured at fair value on a non-recurring basis using Level 3. Management has evaluated the impact of the errors on the disclosure in this Note and concluded that individually and in the aggregate, the errors do not result in a material misstatement of the System's previously issued financial statements. The Level 3 fair value and total fair value reported for December 31, 2016 have been revised from the previously reported amount of $1.520 billion and $1.550 billion to $337 million and $367 million, respectively.

(dollars in millions, except as noted)

Financial assets and financial liabilities measured at carrying amounts and not measured at fair value on the Condensed Combined Statement of Condition for each of the fair value hierarchy levels are summarized as follows:

	September 30, 2017				
	Total Carrying Amount	Fair Value Measurement Using			Total Fair Value
		Level 1	Level 2	Level 3	
Assets:					
Cash	$ 1,047	$1,047			$ 1,047
Mission-related and other investments held-to-maturity	2,693		$726	$ 1,921	2,647
Net loans	249,552		10	256,441	256,451
Total assets	$253,292	$1,047	$736	$258,362	$260,145
Liabilities:					
Systemwide Debt Securities	$257,851			$258,535	$258,535
Other bonds	2,348			2,348	2,348
Other interest bearing liabilities	1,313		$ 7	1,320	1,327
Total liabilities	$261,512	$ 0	$ 7	$262,203	$262,210
Other financial instruments:					
Commitments to extend credit				$ 190	$ 190

	December 31, 2016				
	Total Carrying Amount	Fair Value Measurement Using			Total Fair Value
		Level 1	Level 2	Level 3	
Assets:					
Cash	$ 3,240	$3,240			$ 3,240
Mission-related and other investments held-to-maturity	2,637		$794	$ 1,789	2,583
Net loans*	247,262		16	252,671	252,687
Total assets	$253,139	$3,240	$810	$254,460	$258,510
Liabilities:					
Systemwide Debt Securities	$257,782			$257,708	$257,708
Subordinated debt	499			478	478
Other bonds	2,431			2,431	2,431
Other interest bearing liabilities	1,243		$ 4	1,236	1,240
Total liabilities	$261,955	$ 0	$ 4	$261,853	$261,857
Other financial instruments:					
Commitments to extend credit				$ 191	$ 191

* Loans not measured at fair value on the Condensed Combined Statement of Condition but for which Level 3 fair value and total fair value was reported have been revised, as a result of the change in fair value of non-recurring loans, from the previously reported amount of $251.488 billion and $251.504 billion to $252.671 billion and $252.687 billion, respectively. See Note (1) on page F-33 for additional information.

(dollars in millions, except as noted)

Sensitivity to Changes in Significant Unobservable Inputs

For recurring fair value measurements categorized within Level 3 of the fair value hierarchy, the significant unobservable inputs used in the fair value measurement of the mortgage-backed securities are prepayment rates, probability of default, and loss severity in the event of default. Significant increases (decreases) in any of those inputs in isolation would result in a significantly lower (higher) fair value measurement.

Generally, a change in the assumption used for the probability of default is accompanied by a directionally similar change in the assumption used for the loss severity and a directionally opposite change in the assumption used for prepayment rates.

Quoted market prices are generally not available for the instruments presented below. Accordingly, fair values are based on judgments regarding anticipated cash flows, future expected loss experience, current economic conditions, risk characteristics of various financial instruments, and other factors. These estimates involve uncertainties and matters of judgment, and therefore cannot be determined with precision. Changes in assumptions could significantly affect the estimates.

Quantitative Information about Recurring and Nonrecurring Level 3 Fair Value Measurements

	Fair Value		Valuation Technique(s)	Unobservable Input	Range of Inputs	
	September 30, 2017	December 31, 2016			September 30, 2017	December 31, 2016
Commercial paper, bankers' acceptances, certificates of deposit and other securities	$ 12	$ 7	Discounted cash flow	Prepayment rate	0.0%	0.0%
	5		Vendor priced			
	$ 17	$ 7				
Mortgage-backed securities	$223	$237	Discounted cash flow	Prepayment rate	5.0%-65.0%	5.0%-65.0%
	423	450	Vendor priced			
	$646	$687				
Asset-backed securities	$ 29	$ 32	Vendor priced			
Standby letters of credit	$ 13	$ 13	Discounted cash flow	Rate of funding	50.0%	50.0%
				Risk-adjusted spread	0.2%-1.5%	0.2%-1.5%

With regard to nonrecurring measurements for impaired loans and other property owned, it is not practicable to provide specific information on inputs as each collateral property is unique. System institutions utilize appraisals to value these loans and other property owned and take into account unobservable inputs such as income and expense, comparable sales, replacement cost and comparability adjustments.

Information about Recurring and Nonrecurring Level 2 Fair Value Measurements

	Valuation Technique(s)	Input
Federal funds sold and securities purchased under resale agreements	Carrying value	Par/principal and appropriate interest yield
Investment securities available-for-sale	Discounted cash flow	Constant prepayment rate Probability of default Loss severity
	Quoted prices	Price for similar security
Interest rate swaps and caps	Discounted cash flow	Annualized volatility Counterparty credit risk Company's own credit risk

Information about Other Financial Instrument Fair Value Measurements

	Valuation Technique(s)	Input
Cash	Carrying value	Par/principal and appropriate interest yield
Mission-related and other investments held-to-maturity	Discounted cash flow	Prepayment rates Probability of default Loss severity
Loans	Discounted cash flow	Prepayment forecasts Probability of default Loss severity
Systemwide Debt Securities and other bonds	Discounted cash flow	Benchmark yield curve Derived yield spread Company's own credit risk
Subordinated debt	Discounted cash flow	Credit spreads Market trends Interest rate risks
	Broker/Dealer quotes	Price for similar security
Other interest bearing liabilities	Carrying value	Par/principal and appropriate interest yield

Valuation Techniques

As more fully discussed in Note 2 — Summary of Significant Accounting Policies, in the *2016 Annual Information Statement*, FASB 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. The following represents a brief summary of the valuation techniques used by the System for assets and liabilities:

Investment Securities

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 U.S. Treasury, U.S. agency and certain mortgage-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 a small portion of asset-backed securities and certain mortgage-backed securities including private label-FHA/VA securities and those issued by Farmer Mac.

As permitted under Farm Credit Administration regulations, the Banks are authorized to hold eligible investments. The regulations define eligible investments by specifying credit rating criteria, final maturity limit, and percentage of portfolio limit for each investment type. At the time of purchase, mortgage-backed and asset-backed securities must be triple-A rated by at least one Nationally Recognized Statistical Rating Organization. The triple-A rating requirement puts the Banks in a position to hold the senior tranches of securitizations. The underlying loans for mortgage-backed securities are primarily residential mortgages, while the underlying loans for asset-backed securities are primarily auto loans, small business loans, equipment loans or credit card receivables.

To estimate the fair value of the majority of the investments held, the Banks obtain prices from third party pricing services. For the valuation of securities not actively traded, including certain non-agency securities, the Banks utilize either a third party cash flow model or an internal model. The significant inputs for the valuation models include yields, probability of default, loss severity and prepayment rates.

Derivatives

Exchange-traded derivatives valued using quoted prices would be classified within Level 1 of the valuation hierarchy. However, few classes of derivative contracts are listed on an exchange; thus, the majority of the derivative positions are valued using internally developed models that use as their basis readily observable market parameters and are classified within Level 2 of the valuation hierarchy. Such derivatives include basic interest rate swaps and options.

The models used to determine the fair value of derivative assets and liabilities use an income approach based on observable market inputs, including the LIBOR and OIS swap curves and volatility assumptions about future interest rate movements.

Assets Held in Non-Qualified 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 Evaluated for Impairment

For certain loans evaluated for impairment under FASB 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, a majority of these loans have fair value measurements that fall within Level 3 of the fair value 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. The fair value of these loans would fall under Level 2 of the hierarchy if the process uses independent appraisals and other market-based information.

Other Property Owned

Other property owned is generally classified as Level 3 of the fair value hierarchy. The process for measuring the fair value of other property owned involves the use of independent 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.

Collateral Liabilities

Derivative contracts are supported by bilateral collateral agreements with counterparties requiring the posting of collateral in the event certain dollar thresholds of credit exposure are reached or are cleared through a futures commission merchant, with a clearinghouse (i.e., a central counterparty). The market value of collateral liabilities is its face value plus accrued interest that approximates fair value.

Cash

For cash, the carrying amount is a reasonable estimate of fair value.

Loans

Fair value is estimated by discounting the expected future cash flows using the Banks' or the Associations' current interest rates at which similar loans would be made to borrowers with similar credit risk. The discount rates are based on the Banks' or the Associations' current loan origination rates as well as managements' estimates of credit risk. Management has no basis to determine whether the fair values presented would be indicative of the value negotiated in an actual sale and could be less.

For purposes of estimating fair value of accruing loans, the loan portfolio is segregated into pools of loans with homogeneous characteristics. Expected future cash flows, primarily based on contractual terms, and interest rates reflecting appropriate credit risk are separately determined for each individual pool.

The fair value of loans in nonaccrual status that are current as to principal and interest is estimated as described above, with appropriately higher interest rates which reflect the uncertainty of continued cash flows. For collateral-dependent impaired loans, it is assumed that collection will result only from the disposition of the underlying collateral.

Bonds and Notes

Systemwide Debt Securities are not all traded in the secondary market and those that are traded may not have readily available quoted market prices. Therefore, the fair value of the instruments is estimated by calculating the discounted value of the expected future cash flows. The discount rates used are based on the sum of quoted market yields for the Treasury yield curve and an estimated yield-spread relationship between System debt instruments and Treasury securities. We estimate an appropriate yield-spread taking into consideration selling group member (banks and securities dealers) yield indications, observed new government-sponsored enterprise debt security pricing, and pricing levels in the related U.S. dollar interest rate swap market.

Subordinated Debt

The fair value of subordinated debt is estimated based upon quotes obtained from a broker/dealer or based on discounted cash flows.

Commitments to Extend Credit

The fair value of commitments is estimated using the fees currently charged for similar agreements, taking into account the remaining terms of the agreements and the creditworthiness of the counterparties. For fixed-rate loan commitments, estimated fair value also considers the difference between current levels of interest rates and the committed rates.

NOTE 11 — DERIVATIVE PRODUCTS AND HEDGING ACTIVITIES

The Banks and Associations maintain an overall interest rate risk management strategy that incorporates the use of derivative products to minimize significant unplanned fluctuations in earnings that are caused by interest rate volatility. The goal is to manage interest rate sensitivity by modifying the repricing or maturity characteristics of certain balance sheet assets and liabilities so that movements in interest rates do not adversely affect the net interest margin. As a result of interest rate fluctuations, hedged fixed-rate assets and liabilities will appreciate or depreciate in market value. The effect of this unrealized appreciation or depreciation is expected to be substantially offset by gains or losses on the derivative instruments that are linked to these hedged assets and liabilities. Another result of interest rate fluctuations is that the interest income and interest expense of hedged floating-rate assets and liabilities will increase or decrease. The effect of this variability in earnings is expected to be substantially offset by the gains and losses on the derivative instruments that are linked to these hedged assets and liabilities. The strategic use of derivatives is considered to be a prudent method of managing interest rate sensitivity, as it prevents earnings from being exposed to undue risk posed by changes in interest rates.

In addition, derivative transactions, particularly interest rate swaps, are entered into to lower funding costs, diversify sources of funding, alter interest rate exposures arising from mismatches between assets and liabilities, or better manage liquidity. Interest rate swaps allow us to issue long-term debt at fixed rates, which are then swapped to floating rates that are lower than those available if floating rate debt was issued directly. These interest rate swaps also help to manage liquidity. Under interest rate swap arrangements, the parties agree to exchange, at specified intervals, payment streams calculated on a specified notional principal amount, with at least one stream based on a specified floating rate index.

The Banks may enter into derivatives with their customers, including Associations, as a service to enable customers to transfer, modify or reduce their interest rate risk by transferring this risk to the Bank. The Banks substantially offset the market risk by concurrently entering into offsetting agreements with non-System institutional counterparties.

A substantial amount of the System's assets are interest-earning assets (principally loans and investments) that tend to be medium-term floating-rate instruments while the related interest-bearing liabilities tend to be short- or medium-term fixed rate obligations. Given this asset-liability mismatch, interest rate swaps that pay floating rate and receive fixed rate (receive-fixed swaps) are used to reduce the impact of market fluctuations on net interest income. Because the size of swap positions needed to reduce the impact of market fluctuations varies over time, swaps that receive floating rate and pay fixed rate (pay-fixed swaps) are used to reduce net positions.

(dollars in millions, except as noted)

Interest rate options, such as caps, may be purchased in order to reduce the impact of rising interest rates on floating-rate debt, and floors, in order to reduce the impact of falling interest rates on floating-rate assets. The primary types of derivative instruments used and the amount of activity (notional amount of derivatives) during the nine months ended September 30, 2017 and 2016 are summarized in the following tables:

	Receive-Fixed Swaps	Pay-Fixed and Amortizing Pay-Fixed Swaps	Floating-for-Floating and Amortizing Floating-for-Floating	Interest Rate Caps	Other Derivatives	Total
Balance at December 31, 2016	$14,915	$7,633	$3,100	$3,049	$ 5,858	$34,555
Additions	2,162	1,148		740	4,700	8,750
Maturities/amortization	(2,854)	(360)	(400)	(659)	(4,003)	(8,276)
Terminations	(318)	(78)		(600)	(77)	(1,073)
Balance at September 30, 2017	$13,905	$8,343	$2,700	$2,530	$ 6,478	$33,956

	Receive-Fixed Swaps	Pay-Fixed and Amortizing Pay-Fixed Swaps	Floating-for-Floating and Amortizing Floating-for-Floating	Interest Rate Caps	Other Derivatives	Total
Balance at December 31, 2015	$12,197	$6,250	$2,500	$2,915	$ 5,205	$29,067
Additions	4,160	1,772	1,400	400	4,356	12,088
Maturities/amortization	(2,663)	(314)	(800)	(205)	(3,487)	(7,469)
Terminations	(250)	(158)			(131)	(539)
Balance at September 30, 2016	$13,444	$7,550	$3,100	$3,110	$ 5,943	$33,147

Use of derivatives creates exposure to credit and market risk. If a counterparty fails to fulfill its performance obligations under a derivative contract, credit risk will equal the fair value gain in a derivative. Generally, when the fair value of a derivative contract is positive, this indicates that the counterparty owes us, thus creating a repayment (credit) risk. When the fair value of the derivative contract is negative, we owe the counterparty and, therefore, assume no repayment risk.

To minimize the risk of credit losses, credit standing and levels of exposure to individual counterparties are monitored and derivative transactions are almost exclusively entered into with non-customer counterparties that have an investment grade or better credit rating from a major rating agency. Nonperformance by any of these counterparties is not anticipated. We typically enter into master agreements that contain netting provisions. These provisions require the net settlement of covered contracts with the same counterparty in the event of default by the counterparty on one or more contracts. A majority of the derivative contracts are supported by collateral arrangements with counterparties. The System's exposure to counterparties, net of collateral of $25 million at September 30, 2017 and $100 million at December 31, 2016, was $15 million and $11 million.

Derivative transactions may also be cleared through a futures commission merchant (FCM) with a clearinghouse (i.e., a central counterparty (CCP)). When the swap is cleared by the two parties, the single bilateral swap is divided into two separate swaps with the CCP becoming the counterparty to both of the initial parties to the swap. CCPs have several layers of protection against default including margin, member capital contributions, and FCM guarantees of their customers' transactions with the CCP. FCMs also pre-qualify the counterparties to all swaps that are sent to the CCP from a credit perspective, setting limits for each counterparty and collecting initial and variation margin daily from each counterparty for changes in the value of cleared derivatives. The margin collected from both parties to the swap protects against credit risk in the event a counterparty defaults. The initial and variation margin requirements are set by and held for the benefit of the CCP. Additional initial margin may be required and held by the FCM, due to its guarantees of its customers' trades with the CCP.

In January 2017, one of the CCPs made certain amendments to its rule book that resulted in changes to the legal characterization of variation margin on centrally cleared derivatives. Other CCPs are considering similar changes to their rule books applicable to U.S. trade centrally cleared swaps that would have the same effect. At December 31, 2016, the rules of this CCP characterized variation margin posted for cleared swaps as collateral. In the event of default, the collateral posted would be available to offset amounts owed by the defaulting counterparty. Effective January 2017, the CCP's rule amendments changed the legal nature of variation margin for cleared swaps so that it is now considered a settlement payment as opposed to collateral. This change resulted in the reclassification of collateral assets for amounts formerly considered variation margin to an offset of the fair value of interest rate swaps and other financial instruments related to our net position for cleared derivative transactions in the accompanying Condensed Combined Statement of Condition as of September 30, 2017. In addition, price alignment interest formerly paid with respect to the collateral will no longer be paid, though an economically equivalent price adjustment amount will be included in the trading revenue associated with the centrally cleared derivatives. This change had no impact on the System's results of operations or cash flows.

Derivative activities are monitored by an Asset-Liability Management Committee (ALCO) at the various System institutions as part of its oversight of asset/liability and treasury functions. Each ALCO is responsible for approving hedging strategies that are developed within parameters established by the board of directors through analysis of data derived from financial simulation models and other internal and industry sources. The resulting hedging strategies are then incorporated into the overall interest rate risk-management strategies.

Fair Value Hedges

For derivative instruments that are designated and qualify as a fair value hedge, the gain or loss on the derivative as well as the offsetting loss or gain on the hedged item (principally, debt securities) attributable to the hedged risk are recognized in current earnings. The System includes the gain or loss on the hedged items in the same line item (interest expense) as the offsetting loss or gain on the related interest rate swaps. The amount of the losses on interest rate swaps recognized in interest income for the first nine months of 2017 was $18 million, as compared with gains on the Systemwide Debt Securities of $20 million.

Cash Flow Hedges

For derivative instruments that are designated and qualify as cash flow hedges, the effective portion of the gain or loss on the derivative is reported as a component of other comprehensive income and reclassified into earnings in the same period or periods during which the hedged transaction affects earnings. Gains and losses on the derivative representing either hedge ineffectiveness or hedge components excluded from the assessment of effectiveness are recognized in current earnings.

Derivatives not Designated as Hedges

For derivatives not designated as a hedging instrument, the related change in fair value is recorded in current period earnings in "net gains on derivative and other transactions" in the condensed combined statement of income.

(dollars in millions, except as noted)

Fair Values of Derivative Instruments

The following table represents the fair value of derivative instruments:

	Balance Sheet Classification Assets	Fair Value at September 30, 2017	Fair Value at December 31, 2016	Balance Sheet Classification Liabilities	Fair Value at September 30, 2017	Fair Value at December 31, 2016
Derivatives designated as hedging instruments:						
Receive-fixed swaps	Other assets		$ 11	Other liabilities	$ 67	$ 60
Pay-fixed and amortizing pay-fixed swaps	Other assets	$ 32	41	Other liabilities	49	50
Interest rate caps	Other assets	33	42			
Floating-for-floating and amortizing floating-for-floating swaps	Other assets		2	Other liabilities	4	2
Foreign exchange contracts	Other assets	1	4	Other liabilities	1	1
Total derivatives designated as hedging instruments		66	100		121	113
Derivatives not designated as hedging instruments:						
Pay-fixed and amortizing pay-fixed swaps	Other assets	$ 3	$ 4			
Derivatives entered into on behalf of customers	Other assets	136	147	Other liabilities	$102	$108
Foreign exchange contracts	Other assets		2	Other liabilities		3
Total derivatives not designated as hedging instruments		139	153		102	111
Variation margin settlement					(88)	
Total derivatives		$205	$253		$135	$224

The following table sets forth the effect of derivative instruments in the Condensed Combined Statement of Income:

		For the Nine Months Ended	
Derivatives — Fair Value Hedging Relationships	**Location of Gain or (Loss)**	**September 30, 2017**	**September 30, 2016**
Receive-fixed swaps	Interest expense	$2	$(1)

The following table sets forth the effect of derivative financial instruments in cash flow hedging relationships:

	Amount of Gain or (Loss) Recognized in OCI on Derivatives (Effective Portion)		Location of Gain or (Loss) Reclassification from AOCI into Income (Effective Portion)	Amount of Gain or (Loss) Reclassified from AOCI into Income (Effective Portion)	
Derivatives — Cash Flow Hedging Relationships	**September 30, 2017**	**September 30, 2016**		**September 30, 2017**	**September 30, 2016**
Pay-fixed and amortizing pay-fixed swaps	$ (8)	$ (98)	Interest expense	$(1)	
Floating-for-floating and amortizing floating-for-floating swaps	(4)	(3)			
Interest rate caps	(11)	(15)	Interest expense	(5)	$(3)
Foreign exchange contracts	(6)	(2)	Interest income	(2)	(1)
Total	$(29)	$(118)		$(8)	$(4)

(dollars in millions, except as noted)

The System had no significant gains or losses recognized in income on cash flow hedges (ineffective portion and amount excluded from effectiveness testing) for the nine months ended September 30, 2017 and 2016.

The following table sets forth the amount of gains or losses recognized in the Condensed Combined Statement of Income related to derivatives not designated as hedging instruments:

		For the Nine Months Ended	
Derivatives Not Designated as Hedging Instruments	Location of Gain or (Loss)	September 30, 2017	September 30, 2016
Pay-fixed and amortizing pay-fixed swaps	Noninterest income		$(1)
Derivatives entered into on behalf of customers	Noninterest income	$(5)	3
Other derivative products	Noninterest income	(1)	(1)
Total		$(6)	$ 1

NOTE 12 — ASSET/LIABILITY OFFSETTING

The following tables represent the offsetting of financial assets and liabilities:

				Gross Amounts Not Offset in the Condensed Combined Statement of Condition			
September 30, 2017	Gross Amounts Recognized	Gross Amounts Offset in the Condensed Combined Statement of Condition	Net Amounts Presented in the Condensed Combined Statement of Condition	Securities Received/Pledged	Cash Collateral Received/Pledged	Cleared Derivative Initial Margin Pledged	Net Amount
Assets:							
Interest rate swaps and other derivatives	$ 205	$(22)	$ 183		$(25)	$ 22	$ 180
Federal Funds sold and securities purchased under resale agreements	1,730		1,730	$(150)			1,580
Liabilities:							
Interest rate swaps and other derivatives	135	(22)	113		(21)	(22)	70

				Gross Amounts Not Offset in the Condensed Combined Statement of Condition			
December 31, 2016	Gross Amounts Recognized	Gross Amounts Offset in the Condensed Combined Statement of Condition	Net Amounts Presented in the Condensed Combined Statement of Condition	Securities Received/Pledged	Cash Collateral Received/Pledged	Cleared Derivative Initial Margin Pledged	Net Amount
Assets:							
Interest rate swaps and other derivatives	$ 253	$(27)	$ 226	$ (7)	$(86)	$ 30	$ 163
Federal Funds sold and securities purchased under resale agreements	1,627		1,627	(263)			1,364
Liabilities:							
Interest rate swaps and other derivatives	224	(27)	197		(74)	(22)	101

(dollars in millions, except as noted)

NOTE 13 — COMMITMENTS AND CONTINGENCIES

In the normal course of business, the Banks and Associations have various commitments and contingent liabilities, such as certain letters of credit and commitments to extend credit, which are not reflected in the accompanying condensed combined financial statements. No material losses are anticipated as a result of these transactions.

A summary of the contractual amount of credit-related instruments is as follows:

	September 30, 2017
Commitments to extend credit	$80,239
Standby letters of credit	2,375
Commercial and other letters of credit	248

On at least a quarterly basis, System institutions assess their liabilities and contingencies in connection with outstanding legal proceedings utilizing the latest information available. For matters where it is probable the institution will incur a loss and the amount can be reasonably estimated, the institution would establish an accrual for the loss. Once established, the accrual would be adjusted as appropriate to reflect any relevant developments. For matters where a loss is not probable or the amount of loss cannot be estimated, no accrual would be established.

In June 2016, a lawsuit was commenced by the filing of a complaint in the United States District Court Southern District of New York against CoBank by a number of investors (the "Plaintiffs") who had held CoBank's 7.875% Subordinated Notes due in 2018 (the "Notes"). The Notes were redeemed at par plus accrued interest by CoBank in April 2016 due to the occurrence of a "Regulatory Event" (as defined under the terms of the Notes). The Plaintiffs have asserted a breach of contract claim and a breach of implied covenant of good faith and fair dealing claim alleging that CoBank impermissibly redeemed the Notes. The Plaintiffs have requested damages in an amount to be determined at trial, reasonable attorneys' fees and any other such relief as the court may deem just and proper. CoBank filed its answer in September 2016 and discovery is ongoing. CoBank intends to vigorously defend against these allegations. The likelihood of any outcome of this proceeding cannot be determined at this time.

In November 2016, an alleged class action complaint was filed in New York state court against AgriBank by a purported beneficial owner of some of AgriBank's 9.125% subordinated notes due in 2019 ("Subordinated Notes"). The plaintiff asserted a breach of contract claim and a breach of implied covenant of good faith and fair dealing claim alleging that AgriBank impermissibly redeemed the Subordinated Notes. AgriBank removed the lawsuit to federal court in the Southern District of New York. Plaintiff has requested damages in an amount to be determined at trial, reasonable attorneys' fees, and other relief. In October 2017, AgriBank filed an answer to the lawsuit. The lawsuit is in the early pleadings and discovery stage, and AgriBank intends to vigorously defend against these allegations. The likelihood of any outcome of this proceeding cannot be determined at this time.

At September 30, 2017, various other lawsuits were pending or threatened against System institutions. In the opinion of management, based on information currently available and taking into account the advice of legal counsel, the ultimate liability, if any, of pending or threatened legal actions will not have a material adverse impact on the System's combined results of operations or financial condition.

(dollars in millions, except as noted)

NOTE 14 — COMBINING BANK-ONLY INFORMATION

The following condensed combining statements include the statement of condition, statement of comprehensive income and statement of changes in capital for the combined Banks without the affiliated Associations or other System institutions.

Combining Bank-Only Statement of Condition

September 30, 2017

	AgFirst Farm Credit Bank	AgriBank, FCB	Farm Credit Bank of Texas	CoBank, ACB	Combination Entries	Combined Banks
Assets						
Cash	$ 488	$ 232	$ 41	$ 159		$ 920
Federal funds sold and securities purchased under resale agreements	150	724	228	628		1,730
Investments (Note 2)(2)	8,004	14,325	5,085	28,359		55,773
Loans						
To Associations(1)	15,840	78,694	11,371	46,512		152,417
To others(2)	7,332	8,471	5,285	47,691	$(424)	68,355
Less: allowance for loan losses	(15)	(25)	(8)	(576)		(624)
Net loans	23,157	87,140	16,648	93,627	(424)	220,148
Accrued interest receivable	76	513	60	364		1,013
Other assets	234	113	230	1,200	190	1,967
Total assets	$32,109	$103,047	$22,292	$124,337	$(234)	$281,551
Liabilities and Capital						
Systemwide Debt Securities (Note 6):						
Due within one year	$12,787	$ 32,398	$ 7,825	$ 48,062	$ (1)	$101,071
Due after one year	16,688	63,315	12,577	64,201	(1)	156,780
Total Systemwide Debt Securities	29,475	95,713	20,402	112,263	(2)	257,851
Accrued interest payable	74	307	61	308		750
Other liabilities	84	1,308	93	2,869	(33)	4,321
Total liabilities	29,633	97,328	20,556	115,440	(35)	262,922
Capital						
Preferred stock	49	250	600	1,500		2,399
Capital stock and participation certificates	303	2,333	317	3,136	(208)	5,881
Additional paid-in-capital	59					59
Accumulated other comprehensive (loss) income	1	(70)	(30)	(72)	(15)	(186)
Retained earnings	2,064	3,206	849	4,333	24	10,476
Total capital	2,476	5,719	1,736	8,897	(199)	18,629
Total liabilities and capital	$32,109	$103,047	$22,292	$124,337	$(234)	$281,551

(dollars in millions, except as noted)

Combining Bank-Only Statement of Condition

December 31, 2016

	AgFirst Farm Credit Bank	AgriBank, FCB	Farm Credit Bank of Texas	CoBank, ACB	Combination Entries	Combined Banks
Assets						
Cash	$ 549	$ 470	$ 195	$ 1,661		$ 2,875
Federal funds sold and securities purchased under resale agreements	263	591	23	750		1,627
Investments (Note 2)(2)	8,032	14,897	4,832	27,765		55,526
Loans						
To Associations(1)	15,481	78,300	10,584	45,923		150,288
To others(2)	7,434	7,778	5,326	49,335	$(440)	69,433
Less: allowance for loan losses	(15)	(21)	(8)	(559)		(603)
Net loans	22,900	86,057	15,902	94,699	(440)	219,118
Accrued interest receivable	66	421	50	349		886
Other assets	248	127	220	907	202	1,704
Total assets	$32,058	$102,563	$21,222	$126,131	$(238)	$281,736
Liabilities and Capital						
Systemwide Debt Securities (Note 6):						
Due within one year	$12,346	$ 33,353	$ 8,873	$ 49,200	$ (2)	$103,770
Due after one year	17,062	62,342	10,518	64,092	(2)	154,012
Total Systemwide Debt Securities	29,408	95,695	19,391	113,292	(4)	257,782
Subordinated debt (Note 6)				499		499
Accrued interest payable	59	223	50	281		613
Other liabilities	366	1,159	159	3,485	(51)	5,118
Total liabilities	29,833	97,077	19,600	117,557	(55)	264,012
Capital						
Preferred stock	49	250	600	1,500		2,399
Capital stock and participation certificates	302	2,184	317	3,072	(193)	5,682
Additional paid-in-capital	59					59
Accumulated other comprehensive loss	(2)	(80)	(33)	(120)	(14)	(249)
Retained earnings	1,817	3,132	738	4,122	24	9,833
Total capital	2,225	5,486	1,622	8,574	(183)	17,724
Total liabilities and capital	$32,058	$102,563	$21,222	$126,131	$(238)	$281,736

(1) These loans represent direct loans to Associations, not retail loans to borrowers. Since the Associations operate under regulations that require maintenance of certain minimum capital levels, adequate reserves, and prudent underwriting standards, these loans are considered to carry less risk. Accordingly, these loans typically have little or no associated allowance for loan losses. The majority of the credit risk resides with the Banks' and Associations' retail loans to borrowers. Association retail loans are not reflected in the combining Bank-only financial statements.

Further, the loans to the Associations are risk-weighted at 20% of the loan amount in the computation of each Bank's regulatory risk-adjusted capital ratios. Based upon the lower risk-weighting of these loans to the Associations, the Banks, especially AgFirst, AgriBank and Texas, typically operate with more leverage and lower earnings than would be expected from a traditional retail bank. In the case of CoBank, approximately half of its loans are retail loans to cooperatives and other eligible borrowers.

(2) Loans to others represent retail loans held by the Banks. The Banks may purchase participations in loans to eligible borrowers made by Associations, other Banks and non-System lenders. Three Banks (AgFirst, AgriBank and Texas) have one or more participation pool programs designed to allow Associations to sell loan participation interests to the Bank in order to more efficiently manage the capital of each Bank and its related Associations within their respective District. Within these programs, a separate patronage pool is created for each participating Association. The net income from each pool is tracked separately so that, at the Bank board's discretion, patronage can be distributed from the pool. The declared patronage generally approximates the net earnings of the respective pool. At September 30, 2017 and December 31, 2016, such participation pools outstanding were $130 million and $165 million for AgFirst, $3.509 billion and $2.839 billion for AgriBank and $35 million and $37 million for Texas.

Also, the participation pool program for Texas includes investments that were sold to the Bank by its Associations of $48 million and $55 million at September 30, 2017 and December 31, 2016.

(dollars in millions, except as noted)

Combining Bank-Only
Statement of Comprehensive Income

For the Nine Months Ended September 30,

	AgFirst Farm Credit Bank	AgriBank, FCB	Farm Credit Bank of Texas	CoBank, ACB	Combination Entries	Combined Banks
2017						
Interest income	$ 634	$ 1,534	$ 402	$ 2,308	$ 8	$ 4,886
Interest expense	(297)	(1,091)	(217)	(1,266)	25	(2,846)
Net interest income	337	443	185	1,042	33	2,040
(Provision for loan losses) loan loss reversal		(7)	1	(38)		(44)
Noninterest income	9	56	27	121	(62)	151
Noninterest expense	(99)	(92)	(68)	(279)	(22)	(560)
Provision for income taxes				(112)		(112)
Net income	247	400	145	734	(51)	1,475
Other comprehensive income (loss)	3	10	3	48	(1)	63
Comprehensive income	$ 250	$ 410	$ 148	$ 782	$(52)	$ 1,538
2016						
Interest income	$ 577	$ 1,314	$ 358	$ 1,933	$ 12	$ 4,194
Interest expense	(237)	(888)	(186)	(916)	20	(2,207)
Net interest income	340	426	172	1,017	32	1,987
(Provision for loan losses) loan loss reversal	4	(6)		(48)		(50)
Noninterest income	(6)	78	24	137	(61)	172
Noninterest expense	(97)	(93)	(64)	(269)	(21)	(544)
Provision for income taxes				(119)		(119)
Net income	241	405	132	718	(50)	1,446
Other comprehensive income (loss)	(12)	(70)	30	194		142
Comprehensive income	$ 229	$ 335	$ 162	$ 912	$(50)	$ 1,588

(dollars in millions, except as noted)

Combining Bank-Only
Statement of Changes in Capital

	AgFirst Farm Credit Bank	AgriBank, FCB	Farm Credit Bank of Texas	CoBank, ACB	Combination Entries	Combined Banks
Balance at December 31, 2015	$2,255	$5,174	$1,554	$7,810	$(156)	$16,637
Comprehensive income	229	335	162	912	(50)	1,588
Preferred stock issued, net				370		370
Preferred stock retired	(46)					(46)
Preferred stock dividends	(2)	(13)	(30)	(56)		(101)
Capital stock and participation certificates issued	7	122				129
Capital stock, participation certificates, and retained earnings retired	(6)	(47)		(29)		(82)
Additional paid-in-capital	13					13
Patronage		(221)	(6)	(353)	36	(544)
Balance at September 30, 2016	$2,450	$5,350	$1,680	$8,654	$(170)	$17,964
Balance at December 31, 2016	$2,225	$5,486	$1,622	$8,574	$(183)	$17,724
Comprehensive income	250	410	148	782	(52)	1,538
Preferred stock dividends		(13)	(30)	(64)		(107)
Capital stock and participation certificates issued	1	149				150
Capital stock, participation certificates, and retained earnings retired				(26)		(26)
Patronage		(313)	(4)	(369)	36	(650)
Balance at September 30, 2017	$2,476	$5,719	$1,736	$8,897	$(199)	$18,629

(dollars in millions, except as noted)

Certain Bank-only capital ratios and other information is as follows:

	AgFirst Farm Credit Bank	AgriBank, FCB	Farm Credit Bank of Texas	CoBank, ACB
For the nine months ended:				
September 30, 2017				
Return on average assets	1.05%	0.52%	0.89%	0.78%
Return on average capital	13.96%	9.48%	11.47%	11.11%
September 30, 2016				
Return on average assets	1.03%	0.54%	0.85%	0.80%
Return on average capital	13.61%	10.29%	10.80%	11.40%
For the period ended:				
September 30, 2017				
Nonperforming assets as a percentage of loans and other property owned	0.17%	0.07%	0.05%	0.29%
Allowance for loan losses as a percentage of loans	0.06%	0.03%	0.05%	0.61%
Capital as a percentage of total assets	7.71%	5.55%	7.79%	7.16%
Tier 1 Leverage ratio	7.51%	5.66%	7.33%	7.25%
Total Capital ratio	21.7%	19.2%	16.6%	15.4%
Permanent capital ratio	21.6%	19.2%	16.5%	14.4%
Liquidity in days	197	148	208	171
Average liquidity in days during 2017	205	145	202	183
December 31, 2016				
Nonperforming assets as a percentage of loans and other property owned	0.21%	0.07%	0.06%	0.26%
Allowance for loan losses as a percentage of loans	0.07%	0.02%	0.05%	0.59%
Capital as a percentage of total assets	6.94%	5.35%	7.64%	6.80%
Net collateral ratio*	106.7%	105.5%	107.4%	106.9%
Permanent capital ratio	21.3%	20.6%	17.4%	15.5%
Liquidity in days	201	143	199	197
Average liquidity in days during 2016	201	145	189	192

* Effective January 1, 2017, new capital regulations were adopted that replaced the net collateral ratio with the Tier 1 Leverage ratio.

Bank-only information is considered meaningful because only the Banks are jointly and severally liable for the payment of principal and interest on Systemwide Debt Securities. That means that each Bank is primarily liable for the payment of principal and interest on Systemwide Debt Securities issued to fund its lending activities and is also jointly and severally liable with respect to Systemwide Debt Securities issued to fund the other Banks.

The Associations are the primary owners of the Farm Credit Banks. The Agricultural Credit Bank (CoBank) is principally owned by cooperatives, other eligible borrowers and its affiliated Associations. Due to the financial and operational interdependence of the Banks and Associations, capital at the Association level reduces the Banks' credit exposure with respect to the direct loans between the Banks and each of their affiliated Associations. However, capital of the Associations may not be available if the provisions of joint and several liability were to be invoked. There are various limitations and conditions with respect to each Bank's access to the capital of its affiliated Associations, as more fully discussed in Note 8.

In the event a Bank is unable to timely pay principal or interest on an insured debt obligation for which the Bank is primarily liable, the Insurance Corporation must expend amounts in the Insurance

Fund to the extent available to insure the timely payment of principal and interest on the insured debt obligation. The provisions of the Farm Credit Act providing for joint and several liability of the Banks on the obligation cannot be invoked until the amounts in the Insurance Fund have been exhausted. However, because of other mandatory and discretionary uses of the Insurance Fund, there is no assurance that there will be sufficient funds to pay the principal or interest on the insured debt obligation.

Once joint and several liability is triggered, the Farm Credit Administration is required to make "calls" to satisfy the liability first on all non-defaulting Banks in the proportion that each non-defaulting Bank's available collateral (collateral in excess of the aggregate of the Bank's collateralized obligations) bears to the aggregate available collateral of all non-defaulting Banks. If these calls do not satisfy the liability, then a further call would be made in proportion to each non-defaulting Bank's remaining assets. On making a call on non-defaulting Banks with respect to a Systemwide Debt Security issued on behalf of a defaulting Bank, the Farm Credit Administration is required to appoint the Insurance Corporation as the receiver for the defaulting Bank. The receiver would be required to expeditiously liquidate the Bank.

NOTE 15 — SUBSEQUENT EVENTS

Effective October 1, 2017, two Associations in the CoBank District merged. The merger is accounted for in the same manner as the mergers disclosed in Note 7.

The Banks and Associations have evaluated subsequent events through November 9, 2017, which is the date the financial statements were issued.

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION
(unaudited)

The following condensed Combining Statements of Condition and Comprehensive Income present Bank-only and Insurance Fund information, as well as information related to the other entities included in the System's combined financial statements. As part of the combining process, all significant transactions between the Banks and the Associations, including loans made by the Banks to the Associations and the interest income/interest expense related thereto, and investments of the Associations in the Banks and the earnings related thereto, have been eliminated.

COMBINING STATEMENT OF CONDITION — (Condensed)
September 30, 2017
(in millions)

	Combined Banks	Combined Associations	Eliminations	Combined without Insurance Fund	Insurance Fund	System Combined
Cash and investments	$ 58,423	$ 2,443		$ 60,866		$ 60,866
Loans	220,772	182,827	$(152,437)	251,162		251,162
Less: allowance for loan losses	(624)	(986)		(1,610)		(1,610)
Net loans	220,148	181,841	(152,437)	249,552		249,552
Other assets	2,980	9,414	(5,969)	6,425		6,425
Restricted assets					$4,748	4,748
Total assets	$281,551	$193,698	$(158,406)	$316,843	$4,748	$321,591
Systemwide Debt Securities	$257,851			$257,851		$257,851
Other liabilities	5,071	$155,661	$(152,497)	8,235		8,235
Total liabilities	262,922	155,661	(152,497)	266,086		266,086
Capital						
Preferred stock	2,399	686		3,085		3,085
Capital stock and participation certificates	5,881	589	(4,613)	1,857		1,857
Additional paid-in-capital	59	3,583		3,642		3,642
Restricted capital					$4,748	4,748
Accumulated other comprehensive loss	(186)	(138)	(1,066)	(1,390)		(1,390)
Retained earnings	10,476	33,317	(230)	43,563		43,563
Total capital	18,629	38,037	(5,909)	50,757	4,748	55,505
Total liabilities and capital	$281,551	$193,698	$(158,406)	$316,843	$4,748	$321,591

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION — (continued)
(unaudited)

COMBINING STATEMENT OF CONDITION — (Condensed)
December 31, 2016
(in millions)

	Combined Banks	Combined Associations	Eliminations	Combined without Insurance Fund	Insurance Fund	System Combined
Cash and investments	$ 60,028	$ 2,547		$ 62,575		$ 62,575
Loans	219,721	179,319	$(150,272)	248,768		248,768
Less: allowance for loan losses	(603)	(903)		(1,506)		(1,506)
Net loans	219,118	178,416	(150,272)	247,262		247,262
Other assets	2,590	8,981	(5,946)	5,625		5,625
Restricted assets					$4,453	4,453
Total assets	$281,736	$189,944	$(156,218)	$315,462	$4,453	$319,915
Systemwide Debt Securities and subordinated debt	$258,281			$258,281		$258,281
Other liabilities	5,731	$154,154	$(150,562)	9,323		9,323
Total liabilities	264,012	154,154	(150,562)	267,604		267,604
Capital						
Preferred stock	2,399	619		3,018		3,018
Capital stock and participation certificates	5,682	575	(4,457)	1,800		1,800
Additional paid-in-capital	59	1,332		1,391		1,391
Restricted capital					$4,453	4,453
Accumulated other comprehensive loss	(249)	(142)	(1,143)	(1,534)		(1,534)
Retained earnings	9,833	33,406	(56)	43,183		43,183
Total capital	17,724	35,790	(5,656)	47,858	4,453	52,311
Total liabilities and capital	$281,736	$189,944	$(156,218)	$315,462	$4,453	$319,915

In the event a Bank is unable to timely pay principal or interest on an insured debt obligation for which the Bank is primarily liable, the Insurance Corporation must expend amounts in the Insurance Fund to the extent necessary to insure the timely payment of principal and interest on the insured debt obligation. The provisions of the Farm Credit Act providing for joint and several liability of the Banks on the obligation cannot be invoked until the amounts in the Insurance Fund have been exhausted. However, because of other mandatory and discretionary uses of the Insurance Fund, there is no assurance that there will be sufficient funds to timely pay the principal or interest on the insured debt obligation.

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION — (continued)
(unaudited)

COMBINING STATEMENT OF COMPREHENSIVE INCOME — (Condensed)
For the Nine Months Ended September 30, 2017
(in millions)

	Combined Banks	Combined Associations	Eliminations	Combined without Insurance Fund	Insurance Fund	Combination Entries	System Combined
Net interest income	$2,040	$ 3,708	$ 4	$ 5,752			$ 5,752
Provision for loan losses	(44)	(144)		(188)			(188)
Noninterest income	151	1,027	(790)	388	$297	$(255)(a)	430
Noninterest expense	(560)	(1,938)	109	(2,389)	(2)	255 (a)	(2,136)
Provision for income taxes	(112)	(30)		(142)			(142)
Net income	1,475	2,623	(677)	3,421	295	0	3,716
Other comprehensive income	63	4	77	144			144
Comprehensive income	$1,538	$ 2,627	$(600)	$ 3,565	$295	$ 0	$ 3,860

For the Nine Months Ended September 30, 2016
(in millions)

	Combined Banks	Combined Associations	Eliminations	Combined without Insurance Fund	Insurance Fund	Combination Entries	System Combined
Net interest income	$1,987	$ 3,530	$ 7	$ 5,524			$ 5,524
Provision for loan losses	(50)	(168)		(218)			(218)
Noninterest income	172	930	(687)	415	$307	$(274)(a)	448
Noninterest expense	(544)	(1,882)	126	(2,300)	(3)	274 (a)	(2,029)
Provision for income taxes	(119)	(17)		(136)			(136)
Net income	1,446	2,393	(554)	3,285	304	0	3,589
Other comprehensive income	142	7	72	221			221
Comprehensive income	$1,588	$ 2,400	$(482)	$ 3,506	$304	$ 0	$ 3,810

Combination entry (a) eliminates the Insurance Fund premiums expensed by the Banks in the first nine months of 2017 and 2016 of $255 million and $274 million and the related income recognized by the Insurance Corporation.

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION — (continued)
(unaudited)

STATEMENT OF CONDITION — (Condensed)
September 30, 2017
(in millions)

The Banks and their affiliated Associations are referred to as Districts. Each District operates in such an interdependent manner that we believe the financial results of the Banks combined with their affiliated Associations are more meaningful to investors in Systemwide Debt Securities than providing financial information of the Banks and Associations on a stand-alone basis. For the purpose of additional analysis, the following presentation reflects each District, the Insurance Fund and combination entries.

	AgFirst District Combined	AgriBank District Combined	Texas District Combined	CoBank District Combined	Insurance Fund and Combination Entries	System Combined
Cash and investments	$ 8,727	$ 17,419	$ 5,382	$ 29,340	$ (2)	$ 60,866
Loans	28,214	100,692	23,237	104,262	(5,243)	251,162
Less: allowance for loan losses	(191)	(439)	(102)	(878)		(1,610)
Net loans	28,023	100,253	23,135	103,384	(5,243)	249,552
Other assets	645	2,490	585	2,605	100	6,425
Restricted assets					4,748	4,748
Total assets	$37,395	$120,162	$29,102	$135,329	$ (397)	$321,591
Systemwide Debt Securities	$29,475	$ 95,713	$20,402	$112,263	$ (2)	$257,851
Other liabilities	1,666	2,450	4,315	4,673	(4,869)	8,235
Total liabilities	31,141	98,163	24,717	116,936	(4,871)	266,086
Capital						
Preferred stock	49	350	620	2,066		3,085
Capital stock and participation certificates	168	356	99	1,515	(281)	1,857
Additional paid-in-capital	83	2,085	225	1,249		3,642
Restricted capital					4,748	4,748
Accumulated other comprehensive loss	(346)	(528)	(142)	(359)	(15)	(1,390)
Retained earnings	6,300	19,736	3,583	13,922	22	43,563
Total capital	6,254	21,999	4,385	18,393	4,474	55,505
Total liabilities and capital	$37,395	$120,162	$29,102	$135,329	$ (397)	$321,591

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION — (continued)
(unaudited)

STATEMENT OF CONDITION — (Condensed)
December 31, 2016
(in millions)

	AgFirst District Combined	AgriBank District Combined	Texas District Combined	CoBank District Combined	Insurance Fund and Combination Entries	System Combined
Cash and investments	$ 8,966	$ 17,987	$ 5,087	$ 30,531	$ 4	$ 62,575
Loans	27,458	99,069	22,426	104,779	(4,964)	248,768
Less: allowance for loan losses	(183)	(387)	(81)	(855)		(1,506)
Net loans	27,275	98,682	22,345	103,924	(4,964)	247,262
Other assets	580	2,338	521	2,082	104	5,625
Restricted assets					4,453	4,453
Total assets	$36,821	$119,007	$27,953	$136,537	$ (403)	$319,915
Systemwide Debt Securities and subordinated debt	$29,408	$ 95,695	$19,391	$113,791	$ (4)	$258,281
Other liabilities	1,532	2,520	4,463	5,407	(4,599)	9,323
Total liabilities	30,940	98,215	23,854	119,198	(4,603)	267,604
Capital						
Preferred stock	49	350	600	2,019		3,018
Capital stock and participation certificates	175	332	98	1,458	(263)	1,800
Additional paid-in-capital	83		225	1,083		1,391
Restricted capital					4,453	4,453
Accumulated other comprehensive loss	(374)	(567)	(158)	(420)	(15)	(1,534)
Retained earnings	5,948	20,677	3,334	13,199	25	43,183
Total capital	5,881	20,792	4,099	17,339	4,200	52,311
Total liabilities and capital	$36,821	$119,007	$27,953	$136,537	$ (403)	$319,915

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION — (continued)
(unaudited)

STATEMENT OF COMPREHENSIVE INCOME — (Condensed)
For the Nine Months Ended September 30,
(in millions)

	AgFirst District Combined	AgriBank District Combined	Texas District Combined	CoBank District Combined	Insurance Fund and Combination Entries	System Combined
2017						
Net interest income	$ 779	$2,228	$ 572	$2,139	$ 34	$ 5,752
Provision for loan losses	(9)	(101)	(23)	(55)		(188)
Noninterest income	36	177	46	202	(31)	430
Noninterest expense	(382)	(913)	(268)	(802)	229	(2,136)
Provision for income taxes	(1)	(26)		(115)		(142)
Net income	423	1,365	327	1,369	232	3,716
Other comprehensive income	28	39	16	61		144
Comprehensive income	$ 451	$1,404	$ 343	$1,430	$232	$ 3,860
2016						
Net interest income	$ 767	$2,136	$ 536	$2,051	$ 34	$ 5,524
(Provision for loan losses) loan loss reversal	1	(121)	(10)	(88)		(218)
Noninterest income	20	201	41	225	(39)	448
Noninterest expense	(376)	(873)	(253)	(777)	250	(2,029)
Provision for income taxes		(12)		(124)		(136)
Net income	412	1,331	314	1,287	245	3,589
Other comprehensive income (loss)	14	(42)	43	206		221
Comprehensive income	$ 426	$1,289	$ 357	$1,493	$245	$ 3,810

FARM CREDIT SYSTEM

SUPPLEMENTAL COMBINING INFORMATION — (continued)
(unaudited)

STATEMENT OF CHANGES IN CAPITAL — (Condensed)
For the Nine Months Ended September 30
(in millions)

	AgFirst District Combined	AgriBank District Combined	Texas District Combined	CoBank District Combined	Insurance Fund and Combination Entries	System Combined
Balance at December 31, 2015	$5,671	$19,285	$3,929	$16,127	$3,822	$48,834
Comprehensive income	426	1,289	357	1,493	245	3,810
Preferred stock (retired) issued, net	(46)			446		400
Capital stock and participation certificates issued	32	36	7	6	(21)	60
Capital stock, participation certificates, and retained earnings retired	(22)	(27)	(6)	(34)	12	(77)
Additional paid-in-capital	13					13
Equity issued or recharacterized upon Association merger				57		57
Equity retired or recharacterized upon Association merger				(56)		(56)
Patronage and dividends	(73)	(170)	(81)	(373)	47	(650)
Balance at September 30, 2016	$6,001	$20,413	$4,206	$17,666	$4,105	$52,391
Balance at December 31, 2016	$5,881	$20,792	$4,099	$17,339	$4,200	$52,311
Comprehensive income	451	1,404	343	1,430	232	3,860
Preferred stock issued, net			20	47		67
Capital stock and participation certificates issued	26	74	7	8	(14)	101
Capital stock, participation certificates, and retained earnings retired	(33)	(50)	(6)	(32)	11	(110)
Equity issued or recharacterized upon Association merger		2,109		167		2,276
Equity retired or recharacterized upon Association merger		(2,124)		(173)		(2,297)
Patronage and dividends	(71)	(206)	(78)	(393)	45	(703)
Balance at September 30, 2017	$6,254	$21,999	$4,385	$18,393	$4,474	$55,505

FARM CREDIT SYSTEM

SUPPLEMENTAL FINANCIAL INFORMATION
(unaudited)

COMBINED BANK AND ASSOCIATION (DISTRICT)

SELECTED KEY FINANCIAL RATIOS

The following combined key financial ratios related to each combined Bank and its affiliated Associations (District) is intended for the purpose of additional analysis.

	AgFirst District Combined	AgriBank District Combined	Texas District Combined	CoBank District Combined
For the nine months ended:				
September 30, 2017				
Return on average assets	1.54%	1.54%	1.52%	1.33%
Return on average capital	9.19%	8.49%	10.13%	10.15%
Net interest margin	2.89%	2.55%	2.73%	2.11%
Net loan charge-offs as a % of average loans	0.00%	0.02%	0.01%	0.01%
Operating expense as a % of net interest income and noninterest income	46.72%	37.51%	43.76%	34.17%
September 30, 2016				
Return on average assets	1.53%	1.53%	1.53%	1.32%
Return on average capital	9.31%	8.94%	10.20%	10.05%
Net interest margin	2.94%	2.51%	2.69%	2.14%
Net loan (recoveries) charge-offs as a % of average loans	(0.03)%	0.02%	(0.01)%	0.01%
Operating expense as a % of net interest income and noninterest income	47.79%	37.31%	43.48%	34.42%
At the period ended:				
September 30, 2017				
Nonperforming assets as a % of loans and other property owned	1.37%	0.90%	0.78%	0.60%
Allowance for loan losses as a % of loans	0.68%	0.44%	0.44%	0.84%
Capital as a % of total assets	16.72%	18.31%	15.07%	13.59%
Capital and allowance for loan losses as a % of loans	22.84%	22.28%	19.31%	18.48%
Debt to capital	4.98:1	4.46:1	5.64:1	6.36:1
December 31, 2016				
Nonperforming assets as a % of loans and other property owned	1.48%	0.80%	0.91%	0.61%
Allowance for loan losses as a % of loans	0.67%	0.39%	0.36%	0.82%
Capital as a % of total assets	15.97%	17.47%	14.66%	12.70%
Capital and allowance for loan losses as a % of loans	22.08%	21.38%	18.64%	17.36%
Debt to capital	5.26:1	4.72:1	5.82:1	6.87:1

SUPPLEMENTAL FINANCIAL INFORMATION — (continued)
(unaudited)

The table below reflects the combined results of each Bank and its affiliated Associations (District) measurement under market value of equity and net interest income sensitivity analysis in accordance with their respective asset/liability management policies and District limits.

	Change in Market Value of Equity			Change in Net Interest Income		
	September 30, 2017			September 30, 2017		
District	-53	+100	+200	-53	+100	+200
AgFirst	1.93%	-4.27%	-9.10%	-0.76%	2.65%	3.58%
AgriBank	2.27	-4.01	-7.88	-1.19	-0.10	1.06
Texas	3.86	-5.96	-11.57	0.78	1.40	2.54
CoBank	1.40	-2.55	-5.12	-2.12	3.02	6.08

	Change in Market Value of Equity			Change in Net Interest Income		
	December 31, 2016			December 31, 2016		
District	-25	+100	+200	-25	+100	+200
AgFirst	0.89%	-4.03%	-8.47%	-0.30%	1.69%	2.29%
AgriBank	1.00	-3.93	-7.73	-0.60	-0.13	0.70
Texas	1.44	-5.81	-11.49	-0.31	1.51	2.93
CoBank	0.71	-2.79	-5.59	-0.85	3.09	6.09

FARM CREDIT SYSTEM

SUPPLEMENTAL FINANCIAL INFORMATION — (continued)
(unaudited)

SELECTED ASSOCIATION KEY FINANCIAL INFORMATION

The Banks serve as financial intermediaries between the capital markets and the retail lending activities of their related Associations. Accordingly, in addition to the supplemental combining Bank and Association (District) information provided on pages F-54 to F-57, selected financial information regarding Associations with asset size greater than $1 billion is provided below for the purpose of additional analysis.

	At September 30, 2017					For the Nine Months Ended September 30, 2017		
	Total Assets	Gross Loans	Allowance for Loan Losses as a % of Gross Loans	Nonperforming Assets as a % of Gross Loans and Other Property Owned	Total Capital Ratio	Return on Average Assets	Return on Average Capital	Net Interest Margin
	($ in millions)							
AgFirst District								
MidAtlantic Farm Credit, ACA	$ 2,764	$ 2,708	0.95%	1.45%	20.35%	1.77%	8.22%	2.61%
First South Farm Credit, ACA	2,128	2,030	0.68	0.69	16.67	1.35	7.44	2.69
Farm Credit of the Virginias, ACA	1,900	1,854	0.82	1.93	21.20	1.97	9.07	2.97
AgCredit, ACA	1,895	1,815	0.67	0.64	19.87	2.36	13.99	2.76
AgChoice Farm Credit, ACA	1,875	1,832	0.69	1.18	17.96	1.93	9.71	2.68
AgSouth Farm Credit, ACA	1,812	1,736	0.83	1.62	19.62	2.00	10.32	3.50
Carolina Farm Credit, ACA	1,541	1,459	0.53	1.36	21.46	1.76	8.15	3.33
AgCarolina Farm Credit, ACA	1,204	1,160	1.12	2.61	19.15	1.67	7.29	2.65
Farm Credit of Florida, ACA	1,091	1,056	0.78	1.11	20.37	1.81	7.96	2.86
AgriBank District								
Farm Credit Services of America, ACA	27,176	25,901	0.51	0.89	16.10	1.93	10.60	2.72
Farm Credit Mid-America, ACA	22,439	20,342	0.59	1.75	19.78	1.46	7.65	2.18
Compeer Financial, ACA	18,770	16,945	0.26	0.67	15.03	1.76	10.62	2.58
GreenStone FCS, ACA	8,318	8,028	0.71	0.74	16.77	1.87	10.04	2.59
AgCountry, ACA	7,371	6,998	0.25	0.43	17.09	1.81	8.36	2.69
Farm Credit of Illinois, ACA	4,088	3,905	0.21	0.19	18.33	1.76	8.04	2.50
FCS Financial, ACA	3,858	3,693	0.44	0.29	18.41	1.73	8.54	2.53
AgHeritage Farm Credit Services, ACA	1,287	1,232	0.34	0.64	18.82	1.98	9.04	2.97
Farm Credit Services of North Dakota, ACA	1,266	1,214	0.30	0.86	17.60	1.77	8.32	2.68
Farm Credit Services of Western Arkansas, ACA	1,263	1,212	0.18	0.63	20.60	1.82	8.67	3.06
Farm Credit Services of Mandan, ACA	1,159	1,110	0.27	0.18	15.98	1.94	9.87	2.90
Farm Credit MidSouth, ACA	1,008	961	0.24	0.55	18.82	1.70	7.57	3.02
Texas District								
Capital Farm Credit, ACA	7,356	7,175	0.41	1.31	15.22	2.35	14.22	3.24
AgTexas Farm Credit Services	1,899	1,837	0.36	0.73	14.19	1.65	12.74	2.48
Texas Farm Credit Services	1,342	1,294	0.33	0.32	13.30	1.88	13.64	2.92
Southern AgCredit	1,045	1,022	0.08	0.95	14.18	1.80	12.35	2.58
CoBank District								
Northwest Farm Credit Services, ACA	11,352	10,822	0.73	0.52	18.02	2.28	10.99	2.98
Farm Credit West, ACA	10,036	9,452	0.69	1.35	13.52	2.22	10.83	2.74
American AgCredit, ACA	9,520	8,921	0.22	0.48	15.46	1.71	7.79	2.92
Farm Credit East, ACA	6,691	6,425	1.15	0.69	18.61	2.46	12.57	3.08
Yosemite Farm Credit, ACA	2,739	2,586	0.27	0.39	13.96	1.94	11.25	2.74
Frontier Farm Credit, ACA	1,984	1,856	0.41	0.45	17.01	1.93	9.53	2.77
Farm Credit of New Mexico, ACA	1,658	1,565	0.60	1.04	22.75	1.89	8.26	2.70
Golden State, ACA	1,556	1,481	0.31	0.26	15.77	1.91	9.91	2.80
Oklahoma AgCredit, ACA	1,228	1,163	0.31	0.65	18.06	1.59	7.75	2.90
Fresno-Madera Farm Credit, ACA	1,110	1,052	0.58	0.01	18.78	1.96	8.36	2.78
Southern Colorado, ACA	1,056	987	0.21	0.73	19.62	1.37	5.89	2.79

FARM CREDIT SYSTEM

SUPPLEMENTAL FINANCIAL INFORMATION — (continued)
(unaudited)

SELECTED ASSOCIATION KEY FINANCIAL INFORMATION

	At December 31, 2016					For the Nine Months Ended September 30, 2016		
	Total Assets	Gross Loans	Allowance for Loan Losses as a % of Gross Loans	Nonperforming Assets as a % of Gross Loans and Other Property Owned	Permanent Capital Ratio	Return on Average Assets	Return on Average Capital	Net Interest Margin
	($ in millions)							
AgFirst District								
MidAtlantic Farm Credit, ACA	$ 2,677	$ 2,607	0.93%	1.32%	20.05%	1.78%	8.19%	2.66%
First South Farm Credit, ACA	1,974	1,859	0.67	0.89	17.48	1.35	6.98	2.75
AgCredit, ACA	1,881	1,797	0.75	0.48	20.49	2.32	14.37	2.75
Farm Credit of the Virginias, ACA	1,859	1,799	0.81	2.25	20.75	1.98	9.21	2.97
AgChoice Farm Credit, ACA	1,858	1,802	0.65	1.36	18.02	1.79	9.17	2.69
AgSouth Farm Credit, ACA	1,723	1,632	0.87	1.73	20.55	1.88	9.64	3.59
Carolina Farm Credit, ACA	1,502	1,413	0.52	1.39	21.88	1.80	8.27	3.40
AgCarolina Farm Credit, ACA	1,142	1,092	1.11	1.92	23.22	1.83	7.97	2.73
Farm Credit of Florida, ACA	1,076	1,033	0.64	1.44	21.49	1.96	8.34	3.19
AgriBank District								
Farm Credit Services of America, ACA	26,375	25,171	0.41	0.71	15.59	1.83	10.25	2.81
Farm Credit Mid-America, ACA	22,612	20,475	0.46	1.32	17.62	1.36	7.54	2.08
AgStar Financial Services, ACA(b)	8,981	8,152	0.44	1.07	14.15	1.44	9.71	2.50
GreenStone FCS, ACA	8,079	7,802	0.59	0.66	16.08	1.70	9.15	2.61
1st Farm Credit, ACA(b)	5,958	5,510	0.32	0.63	16.73	1.69	9.37	2.32
AgCountry, ACA(c)	5,462	5,050	0.28	0.28	17.17	1.76	8.43	2.63
Badgerland Financial, ACA(b)	4,166	3,988	0.23	0.47	16.98	1.83	8.78	2.58
Farm Credit of Illinois, ACA	4,114	3,943	0.16	0.18	17.20	1.62	7.94	2.50
FCS Financial, ACA	3,815	3,659	0.45	0.23	17.48	1.58	8.04	2.54
United Farm Credit Services, ACA(c)	1,728	1,671	0.34	1.53	15.53	1.44	8.17	2.68
Farm Credit Services of Western Arkansas, ACA	1,212	1,162	0.15	0.87	18.66	1.66	7.88	3.11
Farm Credit Services of North Dakota, ACA	1,201	1,153	0.25	0.59	16.90	1.64	8.26	2.61
AgHeritage Farm Credit Services, ACA	1,123	1,073	0.49	1.00	20.05	1.88	8.36	3.06
Farm Credit Services of Mandan, ACA	1,091	1,048	0.26	0.18	15.66	1.69	9.14	2.75
Texas District(a)								
Capital Farm Credit, ACA	7,136	6,976	0.43	1.51	14.61	2.11	12.96	3.19
AgTexas Farm Credit Services	1,696	1,623	0.39	1.20	13.24	1.78	13.46	2.70
Texas Farm Credit Services	1,199	1,161	0.32	0.31	14.90	1.77	11.77	2.96
Southern AgCredit	1,021	988	0.08	1.28	14.32	1.73	11.66	2.59
CoBank District								
Northwest Farm Credit Services, ACA	10,983	10,434	0.75	0.59	16.76	2.27	11.23	2.96
Farm Credit West, ACA	10,041	9,470	0.59	1.66	17.55	2.23	11.24	2.78
American AgCredit, ACA	8,549	8,009	0.24	0.47	17.94	1.31	5.61	2.83
Farm Credit East, ACA	6,541	6,288	1.23	0.90	17.16	2.43	12.74	3.04
Yosemite Farm Credit, ACA	2,661	2,512	0.26	0.22	14.26	1.84	10.45	2.70
Frontier Farm Credit, ACA	2,021	1,895	0.40	0.60	15.94	1.70	9.02	2.73
Farm Credit of New Mexico, ACA	1,732	1,644	0.69	0.34	20.97	1.26	5.61	2.67
Golden State, ACA	1,452	1,376	0.31	0.06	16.36	1.79	8.74	2.73
Oklahoma AgCredit, ACA	1,202	1,136	0.22	1.29	18.09	1.50	7.29	2.81
Fresno-Madera Farm Credit, ACA	1,121	1,057	0.55	0.00	18.48	1.97	8.90	2.63
Southern Colorado, ACA	1,013	943	0.16	1.11	20.17	1.37	6.08	2.70

(a) During the second quarter of 2017, Lone Star, ACA noted accounting irregularities on several loans within the Association's loan portfolio. An in-depth investigation is currently being conducted by the Association regarding the accounting irregularities. Based on the information known to date, the impact is not material to the current or previously issued System's combined financial statements.

(b) Effective July 1, 2017, 1st Farm Credit, ACA and Badgerland Financial, ACA merged with and into AgStar Financial Services, ACA. After the merger the Association changed its name to Compeer Financial, ACA.

(c) Effective July 1, 2017, United Farm Credit Services, ACA merged with and into AgCounty, ACA.

INDEX TO SUPPLEMENTAL INFORMATION

CONTROLS AND PROCEDURES

As of September 30, 2017, managements of System institutions carried out an evaluation with the participation of the Funding Corporation's management, including the President and CEO and the Managing Director — Financial Management Division, of the effectiveness of the design and operation of their respective disclosure controls and procedures[1] with respect to the System's quarterly information statement. This evaluation is based on testing of the design and effectiveness of key internal controls, certifications and other information furnished by the principal executive officer and principal financial officer of each System institution, as well as incremental procedures performed by the Funding Corporation over the combining process. Based upon and as of the date of the Funding Corporation's evaluation, the President and CEO and the Managing Director — Financial Management Division concluded that the disclosure controls and procedures are effective in alerting them on a timely basis of any material information relating to the System that is required to be disclosed by the System in the annual and quarterly information statements it files or submits to the Farm Credit Administration.

There have been no significant changes in the System's internal control over financial reporting[2] that occurred during the quarter ended September 30, 2017 that have materially affected, or are reasonably likely to materially affect, the System's internal control over financial reporting.

(1) For purposes of this discussion, "disclosure controls and procedures" are defined as controls and procedures of the System that are designed to ensure that the financial information required to be disclosed by the System in this quarterly information statement is recorded, processed, summarized and reported, within the time periods specified under the rules and regulations of the Farm Credit Administration.

(2) For purposes of this discussion, "internal control over financial reporting" is defined as a process designed by, or under the supervision of, the System's principal executive officers and principal financial officers, or persons performing similar functions, and effected by the System's boards of directors, managements and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of the System's condensed combined financial statements for external purposes in accordance with generally accepted accounting principles 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 System; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of the System's condensed combined financial statements in accordance with generally accepted accounting principles, and that receipts and expenditures of the System are being made only in accordance with authorizations of managements and directors of the System; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use or disposition of the System's assets that could have a material effect on the System's condensed combined financial statements.

CERTIFICATION

I, Theresa E. McCabe, certify that:

1. I have reviewed the *Third Quarter 2017 Quarterly Information Statement of the Farm Credit System*.

2. Based on my knowledge, this quarterly information statement does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this quarterly information statement.

3. Based on my knowledge, the financial statements, and other financial information included in this quarterly information statement, fairly present in all material respects the financial condition, results of operations and cash flows of the System as of, and for, the periods presented in this quarterly information statement.

4. The System's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures(1) and internal control over financial reporting(2) for the System and have:

(a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the System, including its combined entities, is made known to us by others within those entities, particularly during the period in which this quarterly information statement is being prepared;

(b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) evaluated the effectiveness of the System's disclosure controls and procedures and presented in this quarterly information statement our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this quarterly information statement based on such evaluation; and

(d) disclosed in this quarterly information statement any change in the System's internal control over financial reporting that occurred during the System's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the System's internal control over financial reporting.

5. The System's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the System's auditors and the System Audit Committee:

(a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the System's ability to record, process, summarize and report financial information; and

(b) any fraud, whether or not material, that involves management or other employees who have a significant role in the System's internal control over financial reporting.

Theresa E. McCabe

Theresa E. McCabe
President and CEO

Date: November 9, 2017

(1) See footnote 1 on page S-2.

(2) See footnote 2 on page S-2.

CERTIFICATION

I, Karen R. Brenner, certify that:

1. I have reviewed the *Third Quarter 2017 Quarterly Information Statement of the Farm Credit System*.

2. Based on my knowledge, this quarterly information statement does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this quarterly information statement.

3. Based on my knowledge, the financial statements, and other financial information included in this quarterly information statement, fairly present in all material respects the financial condition, results of operations and cash flows of the System as of, and for, the periods presented in this quarterly information statement.

4. The System's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures[(1)] and internal control over financial reporting[(2)] for the System and have:

(a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the System, including its combined entities, is made known to us by others within those entities, particularly during the period in which this quarterly information statement is being prepared;

(b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) evaluated the effectiveness of the System's disclosure controls and procedures and presented in this quarterly information statement our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this quarterly information statement based on such evaluation; and

(d) disclosed in this quarterly information statement any change in the System's internal control over financial reporting that occurred during the System's most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the System's internal control over financial reporting.

5. The System's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the System's auditors and the System Audit Committee:

(a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the System's ability to record, process, summarize and report financial information; and

(b) any fraud, whether or not material, that involves management or other employees who have a significant role in the System's internal control over financial reporting.

Karen R. Brenner

Karen R. Brenner
Managing Director —Financial
Management Division

Date: November 9, 2017

(1) See footnote 1 on page S-2.

(2) See footnote 2 on page S-2.

FARM CREDIT SYSTEM ENTITIES (As of October 1, 2017)

BANKS

AgFirst Farm Credit Bank
P.O. Box 1499
Columbia, SC 29202-1499
(803) 799-5000

AgriBank, FCB
30 East 7th Street
Suite 1600
St. Paul, MN 55101-4914
(651) 282-8800

CoBank, ACB
P.O. Box 5110
Denver, CO 80217-5110
(303) 740-4000

Farm Credit Bank of Texas
P.O. Box 202590
Austin, TX 78720-2590
(512) 465-0400

CERTAIN OTHER ENTITIES

Farm Credit Leasing Services Corporation
600 Highway 169 South, Suite 300
Minneapolis, MN 55426-1219
(952) 417-7800

Federal Farm Credit Banks
Funding Corporation
101 Hudson Street, Suite 3505
Jersey City, NJ 07302-3913
(201) 200-8000

FCS Building Association
1501 Farm Credit Drive
McLean, VA 22102-5090
(703) 883-4000

The Farm Credit Council
50 F Street, N.W., Suite 900
Washington, DC 20001-1530
(202) 626-8710

ASSOCIATIONS

AgFirst District

Ag Credit, ACA
610 W. Lytle Street
Fostoria, OH 44830-3422

AgCarolina Farm Credit, ACA
4000 Poole Road
Raleigh, NC 27610

AgChoice Farm Credit, ACA
300 Winding Creek Blvd
Mechanicsburg, PA 17050

AgGeorgia Farm Credit, ACA
468 Perry Parkway
Perry, GA 31069

AgSouth Farm Credit, ACA
26 South Main Street
Statesboro, GA 30458

ArborOne, ACA
800 Woody Jones Blvd.
Florence, SC 29501

Cape Fear Farm Credit, ACA
333 East Russell Street
Fayetteville, NC 28301

Carolina Farm Credit, ACA
146 Victory Lane
Statesville, NC 28625

Central Kentucky, ACA
640 S. Broadway, Room 108
Lexington, KY 40588

Colonial Farm Credit, ACA
7104 Mechanicsville Turnpike
Mechanicsville, VA 23111

Farm Credit of Central Florida, ACA
115 S. Missouri Avenue, Suite 400
Lakeland, FL 33815

Farm Credit of Florida, ACA
11903 Southern Blvd.
Suite 200
Royal Palm Beach, FL 33411

Farm Credit of Northwest Florida, ACA
5052 Highway 90
East Marianna, FL 32446

Farm Credit of the Virginias, ACA
106 Sangers Lane
Staunton, VA 24401

First South Farm Credit, ACA
574 Highland Colony Parkway,
Suite 100
Ridgeland, MS 39157

MidAtlantic Farm Credit, ACA
45 Aileron Court
Westminster, MD 21157

Puerto Rico Farm Credit, ACA
213 Manuel V. Domenech Avenue
Hato Rey, PR 00918

River Valley AgCredit, ACA
328 East Broadway
MayField, KY 42066

Southwest Georgia Farm Credit, ACA
305 Colquitt Highway
Bainbridge, GA 39817

AgriBank District

AgCountry Farm Credit Services, ACA
1900 44th Street South
Fargo, ND 58108

AgHeritage Farm Credit Services, ACA
119 East Third Street, Suite 200
Little Rock, AR 72201

Compeer Financial, ACA
2600 Jenny Wren Trail
Sun Prairie, WI 53590

Delta Agricultural Credit Association
118 E. Speedway
Dermott, AR 71638

Farm Credit Midsouth, ACA
3000 Prosperity Drive
Jonesboro, AR 72404

Farm Credit Services of America, ACA
5015 South 118th Street
Omaha, NE 68137

Farm Credit Illinois, ACA
1100 Farm Credit Drive
Mahomet, IL 61853

Farm Credit Mid-America, ACA
1601 UPS Drive
Louisville, KY 40223

Farm Credit Services of Mandan, ACA
1600 Old Red Trail
Mandan, ND 58554

Farm Credit Services of North Dakota, ACA
3100 10th Street, S.W.
Minot, ND 58702-0070

Farm Credit Services of Western Arkansas, ACA
3115 West 2nd Court
Russellville, AR 72801

FCS Financial, ACA
1934 East Miller Street
Jefferson City, MO 65101-3881

GreenStone Farm Credit Services, ACA
3515 West Road
East Lansing, MI 48823

Progressive Farm Credit Services, ACA
1116 N. Main Street
Sikeston, MO 63801

CoBank District

AgPreference, ACA
3120 North Main
Altus, OK 73521

American AgCredit, ACA
400 Aviation Boulevard
Suite 100
Santa Rosa, CA 95403

Farm Credit East, ACA
240 South Road
Enfield, CT 06082

Farm Credit of Enid, ACA
1605 W. Owen K. Garriott Road
Enid, OK 73703

Farm Credit of New Mexico, ACA
5651 Balloon Fiesta Parkway NE
Albuquerque, NM 87113

Farm Credit of Southern Colorado, ACA
5110 Edison Avenue
Colorado Springs, CO 80915

Farm Credit of Western Kansas, ACA
1190 South Range Avenue
Colby, KS 67701

Farm Credit of Western Oklahoma, ACA
3302 Williams Avenue
Woodward, OK 73801

Farm Credit Services of Colusa-Glenn, ACA
605 Jay Street
Colusa, CA 95932

Farm Credit Services of Hawaii, ACA
99-860 Iwaena Street, Suite A
Aiea, HI 96701

Farm Credit West, ACA
3755 Atherton Road
Rocklin, CA 95765

Fresno-Madera Farm Credit, ACA
4635 West Spruce Ave.
Fresno, CA 93722

Frontier Farm Credit, ACA
2009 Vanesta Place
Manhattan, KS 66503

Golden State Farm Credit, ACA
1580 Ellis Street
Kingsburg, CA 93631

High Plains Farm Credit, ACA
605 Main Street
Larned, KS 67550

Idaho AgCredit, ACA
188 West Judicial
Blackfoot, ID 83221

Northwest Farm Credit Services, ACA
2001 South Flint Road
Spokane, WA 99224

Oklahoma AgCredit, ACA
601 E. Kenosha Street
Broken Arrow, OK 74012

Premier Farm Credit, ACA
202 Poplar Street
Sterling, CO 80751

Western AgCredit, ACA
10980 South Jordan Gateway
South Jordan, UT 84095

Yankee Farm Credit, ACA
289 Hurricane Lane, Suite 102
Williston, VT 05495

Yosemite Farm Credit, ACA
806 West Monte Vista Avenue
Turlock, CA 95382

Texas District

Ag New Mexico, Farm Credit Services, ACA
4501 N. Prince Street
Clovis, NM 88101

AgTexas Farm Credit Services
6901 Quaker Avenue, Suite 300
Lubbock, TX 79413

Alabama Ag Credit, ACA
2660 EastChase Lane, Suite 401
Montgomery, AL 36117

Alabama Farm Credit, ACA
1740 Eva Road NE
Cullman, AL 35055

Capital Farm Credit, ACA
3000 Briarcrest Drive, Suite 601
Bryan, TX 77802

Central Texas Farm Credit, ACA
1026 Early Boulevard
Early, TX 76802

Heritage Land Bank, ACA
4608 Kinsey Drive, Suite 100
Tyler, TX 75703

Legacy Ag Credit, ACA
303 Connally Street
Sulphur Springs, TX 75482

Lone Star, ACA
1612 Summit Avenue, Suite 300
Fort Worth, TX 76102

Louisiana Land Bank, ACA
2413 Tower Drive
Monroe, LA 71201

Mississippi Land Bank, ACA
5509 Highway 51 North
Senatobia, MS 38668

Plains Land Bank, FLCA
5625 Fulton Drive
Amarillo, TX 79109

Southern AgCredit, ACA
402 West Parkway Place
Ridgeland, MS 39157

Texas Farm Credit Services
545 South Highway 77
Robstown, TX 78380