

# Federal Reserve Banks Fedwire<sup>®</sup> Securities Service Issuer Guide

Last Updated - March 2019

## African Development Bank

6 Avenue Joseph Anoma, Plateau  
01 BP 1387  
Abidjan 01  
Côte d'Ivoire

<http://www.afdb.org/>  
afdb@afdb.org  
(225) 20.20.44.44

The African Development Bank (AFDB) is a multilateral development bank established in 1963 to encourage sustainable economic growth and reduce poverty in Africa. Regional members include any African country that has the status of an independent state. Non-regional countries that are participants in, or contributing to, the African Development Fund, a separate legal entity administered by the African Development Bank to provide loan financing to regional member countries, may be admitted as non-regional member countries. The United States became a non-regional member of the African Development Bank in 1983 pursuant to the African Development Bank Act.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
AFDB	Bond	Semi-annually	\$ 1,000	\$1,000	Varies	Varies	
AFNT	Note	Semi-annually	\$100,000	\$1,000			

## Asian Development Bank

815 Connecticut Street, NW  
Washington, DC 20006

<http://www.adb.org/>  
(202) 728-1500

The Asian Development Bank (ADB) is a multilateral development bank established in 1966 to promote economic growth, environmentally sustainable growth, and regional integration to reduce poverty in Asia and the Pacific region. The Asian Development Bank is owned by its 67 members, including regional and non-regional members. The United States became a member in 1966.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
ADBB	Bond	Semi-annually	\$1,000	\$1,000	Varies	Varies	
ADFR	Agency Floater	Quarterly	\$1,000	\$1,000	Varies	Varies	257

## Veterans Affairs, U.S. Department of – Vinnie Mac

1120 Vermont Avenue, NW  
Washington, DC 20421-1111

<http://www.va.gov>  
1-800-827-1000

The U.S. Department of Veterans Affairs (VA) is a government agency of the United States formed in 1917 when the U.S. Congress sought to establish a new system of veterans' benefits when the United States entered World War I, eventually consolidated into the Veterans Administration. The current VA succeeded the original Veterans Administration and has responsibility for providing federal benefits to all U.S. veterans and their dependents. Headed by the Secretary of Veterans Affairs, VA is the second largest of the 14 Cabinet departments and operates nationwide programs of health care, financial assistance, and national cemeteries. The VA issues mortgage-backed securities under its Vendee Loan Program. The VA guarantees the timely payment of principal and interest on the mortgage-backed securities. The VA guaranty is backed by the full faith and credit of the United States.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
VARM	Fixed Rate REMIC	Monthly	\$1	\$1,000	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	235
VARA	Adjustable Rate REMIC	Monthly	\$1000	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	235

## Federal National Mortgage Association - Fannie Mae

3900 Wisconsin Avenue, NW  
Washington, DC 20016

<http://www.fanniemae.com/>  
(202) 752-7000

Fannie Mae is a government-sponsored enterprise chartered by the U.S. Congress in 1938 under the name Federal National Mortgage Association. Its primary purpose is to support, liquidity, stability, and affordability in the secondary mortgage market, in particular to promote housing for low- and moderate-income families. Fannie Mae has been under conservatorship, with its regulator, the Federal Housing Finance Agency (FHFA), acting as conservator, since September 2008. Fannie Mae debt and mortgage-backed securities are not guaranteed by the United States and do not constitute a debt or obligation of the United States or of any agency or instrumentality thereof other than Fannie Mae.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FDR A	MBS Adjustable Rate Remic	Monthly	Varies	Varies	1 <sup>st</sup> of each month	Varies	227
FDR M	MBS Fixed Rate Remic	Monthly	Varies	Varies	1 <sup>st</sup> of each month	Varies	227
FNAD	Amortized Debt Security	Monthly	\$1,000	\$1,000	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	239
FNAS	O.P.R. Amortizing Security	Varies	Varies	Varies	Varies	Varies	104, 168, 192, 204, 215, 218
FNCD	Capital Debenture Bond	Semi-annually	\$1,000	\$1,000	1 <sup>st</sup> of each month	1 <sup>st</sup> of each month	104, 168, 192, 204, 215, 218
FNCP	Strip Callable Principal	Semi-annually	\$1000	\$1000	Varies	Varies	104, 160, 168, 192, 204, 215, 218
FNDN	Discount Note	Sold at discount	\$1,000	\$1,000	Varies	Varies	91, 104, 168, 192, 204, 215, 218

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FNDS	Non-MBS amortized subordinated debt	Semi-annually	\$1,000	\$1,000	Varies	Varies	229
FNFR	Floating Rate Note/ Residential Financing Security	Varies/ At maturity Semi-annually	\$1,000/ \$1,000	\$1,000/ \$1,000	Varies	Varies	104, 168, 192, 204, 215, 218
FNIN	Strip Interest Payment	Sold at discount	\$1000	\$1000	Varies	Varies	104, 160, 168, 192, 204, 215, 218
FNNS	Non-MBS Non Amortized subordinated debt	Semi-annually	\$1,000	\$1,000	Varies	Varies	229
FNNT	Medium Term Note	Varies	\$1,000	\$1,000	Varies	Varies	104, 168, 192, 204, 215, 218
FNPR	Strip Principal				Varies	Varies	104, 160, 168, 192, 204, 215, 218
FNSF	Optional Principal Redemption Bond	Semi-annually	\$1,000	\$1,000	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	104, 139, 168, 192, 204, 215, 218
FNSM	Debenture Note or Bond	Semi-annually	\$1,000	\$1,000	Varies	Varies	104, 168, 192, 204, 215, 218
FNZC	Zero Coupon Bond	Sold at discount	Varies	Varies	Varies	Varies	104, 168, 192, 204, 215, 218
FNAR	MBS Adjustable Rate	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	25 <sup>th</sup> of each month	101, 104, 159, 168, 192, 204, 215, 218

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FNDM	MBS Discount Note	Sold at discount	\$1000	\$1	Varies	Varies	104, 168, 192, 204, 215, 218
FNMS	MBS Fixed Rate	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	25 <sup>th</sup> of each month	101, 104, 168, 192, 204, 215, 218
FNRA	MBS Remic Adjustable		Varies	\$1	1 <sup>st</sup> of each month	25 <sup>th</sup> of each month	104, 121, 136, 168, 192, 204, 215, 218
FNRM	MBS Remic/Real Estate Mortgage Investment Conduit	Monthly	\$100,000	\$1 if issued prior to 5/88	1 <sup>st</sup> of each month	25 <sup>th</sup> of each month	104, 121, 168, 192, 204, 215, 218
FNST	MBS Strip	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	25 <sup>th</sup> of each month	104, 116, 160, 168, 169, 192, 204, 215, 218
FNMC	Multi-Currency Securities	Varies	\$10,000	\$5,000			104, 162, 168, 192, 204, 215, 218
FNSB	Medium Term Note Program Subordinated Debt	Varies	Varies	Varies			104, 129, 150, 168, 192, 204, 215, 218
FNOR	Optional Principal Redemption Bond	Varies	Varies	Varies			104, 168, 192, 204, 215, 218
FNVP	Variable Principal Redemption	Maturity	Varies	Varies			104, 168, 192, 204, 215, 218
MNRA	Adjustable-rate Multifamily REMIC Securities	Monthly	Varies	Varies	1st of each month	25th of each month	269

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
MNRM	Fixed-rate Multifamily REMIC Securities	Monthly	Varies	Varies	1st of each month	25th of each month	269
MNAR	Adjustable-rate Multifamily Mortgage Securities	Monthly	\$1,000	\$1	1st of each month	25th of each month	269
MNMS	Fixed-rate Multifamily Mortgage Securities	Monthly	\$1,000	\$1	1st of each month	25th of each month	269
FQRA	MBS Remic Adjustable		\$1000	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 121, 168, 192, 204, 215, 218
FXRA	MBS Adjustable/ Floating Rate Remic	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	18 <sup>th</sup> of each month	104, 168, 192, 204, 215, 218
FXRM	MBS Fixed Rate Remic	Monthly	\$1,000	\$1			104, 121, 168, 192, 204, 215, 218
FXST	Fannie Mae 18th Pay Day MBS Strips	Monthly	\$1,000	\$1			104, 160, 168, 192, 204, 215, 218
FXMS	MBS Fixed Rate	Monthly	\$1,000	\$1			104, 168, 192, 204, 215, 218
FXAR	MBS Adjustable Rate	Monthly	\$1,000	\$1			104, 168, 192, 204, 215, 218
FXCM	Recombinable Remics		\$1,000	\$1			104, 121, 168, 192, 204, 215, 218
FXCA	Recombinable Remics						104, 121, 168, 192, 204, 215,



<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
							218
FNCA	Recombinable Remics						104, 121, 168, 192, 204, 215, 218
FNCM	Recombinable Remics						104, 121, 168, 192, 204, 215, 218

## Farm Credit Bank

10 Exchange Place, Suite 1401  
Jersey City, NJ 07302-3913

<http://www.farmcreditfunding.com/>  
(201) 200-8000

The Farm Credit System is a government-sponsored enterprise created by the U.S. Congress in 1916. It is a nationwide system of banks and associations providing mortgage loans, credit, and related services to farmers, rural homeowners, and agricultural and rural cooperatives. The System's loans, leases, and operations are financed through debt securities issued through the Federal Farm Credit Banks Funding Corporation on behalf of the four regional Farm Credit Banks, AgFirst, AgriBank, CoBank, and Farm Credit Bank of Texas. The Farm Credit System is regulated by the Farm Credit Administration, an independent U.S. government agency. The securities are joint and several obligations of the four Farm Credit Banks and are not obligations of and are not guaranteed by the U.S. government or any Federal agency or instrumentality, other than the Farm Credit Banks. The Farm Credit System Insurance Corporation ensures timely payment of payment obligations on Farm Credit Bank securities to the extent that funds are available.

Class Code	Product Description	Interest Payment	Minimum	Multiple	Record Date	Payment Date	Corresponding Clearing Memo
FCAS	Federal Farm Credit Consolidated Optional Principal Redemption Bond	Semi-annually	\$100,000	\$1,000	1 <sup>st</sup> of each month	1 <sup>st</sup> of each month	174, 175, 203
FCAS	Federal Farm Credit Consolidated Indexed/Amortizing Redemption Medium Term Bond	Semi-annually	\$100,000	\$1,000	1 <sup>st</sup> of each month	1 <sup>st</sup> of each month	175, 203
FCBD	Federal Farm Credit Consolidated System wide Medium Term Note	Semi-annually	\$5,000	\$1,000	Varies	Varies	138, 175, 203
FCBD	Inflation Linked	Semi-annually	\$1,000	\$1,000			175, 203

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
	Bonds						
FCDN	Federal Farm Credit Consolidated System wide Discount note	Sold at discount	\$5,000	\$5,000	Varies	Varies	91, 175, 203
FCFR	Federal Farm Credit Consolidated System wide Floating Rate Medium Term Note	Varies	\$100,000	\$1,000	Varies	Varies	140, 175, 203
FCFR	Federal Farm Credit Consolidated System wide Floating Rate Note	Varies	\$1,000	\$1,000	Varies	Varies	175, 203
FCIN	Interest Components	Sold at discount	\$1,000	\$1,000	Varies	1 <sup>st</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> of each month	175, 203
FCOR	Federal Farm Credit Consolidated Optional Principal Redemption Bond	Semi-annually	\$100,000	\$1,000	Varies	Varies	174, 175, 203
FCOR	Federal Farm Credit Consolidated Optional Principal Redemption Medium Term Note	Semi-annually	\$100,000	\$1,000	Varies	Varies	174, 175, 203
FCPR	Corpus Component	Sold at discount	\$1,000	\$1,000	Varies	Varies	175, 203
FCSB	Federal Farm Credit Consolidated System wide Bond	At maturity and semi-annually	\$5,000	\$5,000	Varies	Varies	175, 203

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FCSF	Federal Farm Credit Consolidated Optional Principal Redemption Bond	Semi-annually	\$1,000	\$1,000	25 <sup>th</sup> of each month	25 <sup>th</sup> of each month	144, 174, 175, 203
FLBB	Federal Land Bank Consolidated Bond	Semi-annually	\$1,000	\$1,000			175, 203
FCCP	Callable		\$1,000	\$1,000			175, 203
FCNT	Inflation Indexed Linked Notes	Semi-annually	\$1,000	\$1,000			175, 203
FCPR	Corpus Component	Sold at discount	\$1,000	\$1,000	Varies	Varies	175, 203
FCCP	Callable						175, 203
FCIN	Interest Components	Sold at discount	\$1,000	\$1,000	Varies	1 <sup>st</sup> , 5 <sup>th</sup> and 7 <sup>th</sup> of each month	175, 203
FCZC	Zero Coupon Bonds	Sold at discount	Varies	Varies			161, 175, 203
FCIB	Inflation Index Bond				Varies	Varies	175, 203
FCIP	Inflation Index Principal				Varies	Varies	175, 203
FCII	Inflation Index Interest				Varies	Varies	175, 203
FCLN					Varies	Varies	175, 203
FCLP					Varies	Varies	175, 203
FCLI					Varies	Varies	175, 203
FCDB	Designated Bond	Semi-annually	\$5,000	\$1,000	Varies	Varies	249

## Federal Agricultural Mortgage Corporation – Farmer Mac

1999 K Street, NW, 4th Floor  
Washington, DC 20006

<http://www.farmermac.com/>  
(800) 879-3276

The Federal Agricultural Mortgage Corporation (Farmer Mac) is a government-sponsored enterprise established by the U.S. Congress in 1987 to provide a secondary market for a variety of loans made to borrowers in rural America. Farmer Mac is an institution of the Farm Credit System and is regulated by the Farm Credit Administration (FCA), an independent U.S. government agency. The debts and obligations of Farmer Mac and its subsidiaries are not guaranteed by the full faith and credit of the United States or any other institution in the Farm Credit System.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FFNT	Medium Term Note	Varies	Varies	Varies	Varies	Varies	195, 196, 214
FFDN	Discount Note	Sold at discount	Varies	Varies	Varies	Varies	195, 196, 214
FFAR	Adjustable Rate	Varies	Varies	Varies	1 <sup>st</sup> of each month	25 <sup>th</sup> of each month	195, 214
FFBD	Bond	Varies	Varies	Varies			195, 214
FFZC	Zero Coupon	Sold at discount	Varies	Varies			195, 214
FFFR	Floating Rate	Varies	Varies	Varies			195, 214
FFOR	Optional Principal Redemption	Varies	Varies	Varies			195, 214
FFAS	Amortizing Security	Varies	Varies	Varies			195, 214
FFVP	Variable Principal	Varies	Varies	Varies			195, 214
FFIN	Strips	Sold at discount	Varies	Varies			195, 214
FFPR	Stripped Non-callable Principal	Sold at discount	Varies	Varies			195, 214
FFCP	Stripped Callable Principal	Varies	Varies	Varies			195, 214
FFPA	MBS Remic	Monthly	Varies	\$1	1 <sup>st</sup> of each	15 <sup>th</sup> of each	195, 214

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
	Adjustable Rate				month	month	

## Federal Home Loan Banks

Office of Finance  
Freedom Drive, Suite 1000  
Reston, VA 20190, USA

[www.fhlb-of.com](http://www.fhlb-of.com)  
703-467-3600

The Federal Home Loan Bank System, created by Congress in 1932, is comprised of the Federal Home Loan Banks (FHLBs) and the Office of Finance. Regional FHLBs lend funds to local lending institution members to support housing finance and community investment. The FHLBs and the Office of Finance are supervised and regulated by the Federal Housing Finance Agency (FHFA), an independent U.S. government agency. FHLB securities are joint and several obligations of the FHLBs issued by the Office of Finance on behalf of the FHLBs. They are not obligations of the United States and are not guaranteed by the United States.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FHAS	Optional Principal Redemption Bond	Monthly, quarterly, or semi- annually	\$500,000	\$5,000	Varies	Varies	174, 200, 208, 209
FHBD	Inflation Linked Bond	\$1,000	\$1,000	\$5,000	Varies	Varies	200, 208, 209
FHCM	Indexed Principal Redemption Bonds	15 <sup>th</sup> or 25 <sup>th</sup> day of each month	Varies	Varies			200, 208, 209
FHDN	Discount Note	Sold at discount	\$100,000	\$5,000	Varies	Varies	91, 200, 208, 209
FHFR	Floating Rate	Monthly, quarterly, or semi- annually	\$100,000	\$5,000	Varies	Varies	131, 200, 208, 209
FHIN	Strip Interest Payment				Varies	15 <sup>th</sup> of each month	200, 208, 209
FHLB	Consolidated Bond	Usually semi annually	\$10,000	\$5,000	Varies	Varies	172, 200, 208, 209

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FHOR	Optional Principal Redemption Bond	Monthly, quarterly, or semi- annually	\$10,000	\$5,000	Varies	Varies	174, 200, 208, 209
FHPR	Principal Component Callable	Sold at discount	\$1,000	\$1,000	Varies	15 <sup>th</sup> of each month	200, 208, 209
FHZC	Medium Term Bond Zero Coupon	Sold at discount	\$100,000	\$5,000	Varies	Varies	200, 208, 209



## Federal Home Loan Mortgage – Freddie Mac

8200 Jones Branch Drive  
McLean, VA 22101-3110

<http://www.freddiemac.com/>  
(703) 903-2000

Freddie Mac is a government-sponsored enterprise chartered by the U.S. Congress in 1970 under the name Federal Home Loan Mortgage Corporation. Its purpose is to provide liquidity, stability, and affordability to the U.S. housing market. Freddie Mac is primarily involved in developing and maintaining an active, nationwide secondary market in conventional, residential mortgages. Freddie Mac has been under conservatorship, with its regulator, the Federal Housing Finance Agency (FHFA), acting as conservator, since September 2008. Freddie Mac debt and mortgage-backed securities are not guaranteed by the United States and do not constitute a debt or obligation of the United States or of any agency or instrumentality thereof other than Freddie Mac.

Class Code	Product Description	Interest Payment	Minimum	Multiple	Record Date	Payment Date	Corresponding Clearing Memo
FGAR	Gold Program Participation Certificate Adjustable Rate	Monthly	Varies	Varies	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 165, 173, 176, 189, 193, 202, 262
FGPA	Freddie Mac Gold Pass-Thru Adjustable Rate	Monthly	Varies	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 173, 189, 193, 202
FGPC	Gold Program Participation Certificate	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 165, 173, 176, 189, 193, 202
FGPT	Freddie Mac Gold Pass-Thru	Monthly			1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 173, 189, 193, 202
FGRA	Gold Program Participation Certificate Remic Adjustable	Monthly except for accrual class	\$1	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 137, 165, 173, 176, 189, 193, 202

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FGRM	Gold Program Participation Certificate Remic	Monthly	Varies	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 137, 165, 173, 176, 189, 193, 202
FGST	Gold Program Participation Certificate Strip MBS	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107,125, 165 173, 176, 189, 193, 202
FKAR	Adjustable-rate Multifamily Mortgage Participation Certificates	Monthly	\$1000	\$1	1st of each month	25th of each month	266
FKPC	Fixed-rate Multifamily Mortgage Participation Certificates	Monthly	\$1000	\$1	1st of each month	25th of each month	266
FKRA	Adjustable-rate Multifamily REMICS or other multifamily collateralized mortgage obligations	Monthly	Varies	Varies	1st of each month	15 <sup>th</sup> and 25 <sup>th</sup> of each month	266
FKRM	Fixed-rate Multifamily REMICs or other multifamily collateralized	Monthly	Varies	Varies	1st of each month	15 <sup>th</sup> and 25 <sup>th</sup> of each month	266

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
	mortgage obligations						
FEPC	Fixed-rate Single-Family Mortgage-Backed Securities	Monthly	\$1000	\$1	1st of each month	25th of each month	270
FEAR	Adjustable-rate Single-Family Mortgage-Backed Securities	Monthly	\$1000	\$1	1st of each month	25th of each month	270
FEST	Fixed-rate Single-Family STRIP mortgage-backed obligations	Monthly	Varies	Varies	1st of each month	25th of each month	272
FERM	Fixed-rate Single-Family REMICs or other Single-Family collateralized mortgage obligations	Monthly	Varies	Varies	1st of each month	25th of each month	272
FERA	Adjustable-rate Single-Family REMICs or other Single-Family collateralized mortgage obligations	Monthly	Varies	Varies	1st of each month	25th of each month	272
FMAS	Optional Principal Redemption Bond	Monthly	\$5000	\$5000	26 <sup>th</sup> of each month	26 <sup>th</sup> of each month	104, 107, 173, 189, 193, 202
FMCP	Strip Callable Principal		\$1000	\$1000	Varies	Varies	104, 107, 125, 173, 176, 189,



<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
							173, 189, 193, 202
FMFA	Pass-thru Notes Adjustable Rate	Monthly or quarterly	\$1	\$1	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	104, 107, 173, 189, 193, 202
FMPR	Strip Principal Component Callable	Sold at discount	\$1,000	\$1,000	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	104, 107, 125, 173, 176, 189, 193, 202
FMRA	Mortgage Participation Certificate Remic Adjustable	Monthly except for accrual class	\$1	\$1	1 <sup>st</sup> and 15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	104, 107, 137, 173, 176, 189, 193, 202
FMRM	Mortgage Participation Certificate Remic Fixed Rate	Monthly except for accrual class	\$1	\$1	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	104, 107, 137, 173, 176, 189, 193, 202
FMSF	Optional Principal Redemption Bond		\$1000	\$1000	30 <sup>th</sup> of each month	30 <sup>th</sup> of each month	104, 107, 155, 173, 189, 193, 202
FMZC	Zero Coupon Bond	Sold at discount	Varies	Varies			104, 107, 155, 173, 189, 193, 202
FRAR	Participation Certificate backed by Ginnie Mae Securities Adjustable Rate	Sold at discount	Varies	Varies	Varies	Varies	104, 107, 173, 176, 189, 193, 202
FRPC	Participation	Monthly	\$1, \$1000	\$1	1 <sup>st</sup> of each	17 <sup>th</sup> , 20 <sup>th</sup> , 25 <sup>th</sup>	104, 107, 173,

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
	Certificate backed by Ginnie Mae Securities				month	of each month	189, 193, 202, 228
FRRA	Participation Certificate Remic Adjustable backed by Ginnie Mae Securities	Monthly except for accrual class	\$1	\$1	1 <sup>st</sup> of each month	17 <sup>th</sup> , 18 <sup>th</sup> , 20 <sup>th</sup> , and 25 <sup>th</sup> of each month	104, 107, 137, 173, 176, 189, 193, 202, 228
FRRM	Participation Certificate Remic backed by Ginnie Mae Securities	Varies	\$1	\$1	1 <sup>st</sup> of each month	17 <sup>th</sup> , 18 <sup>th</sup> , 20 <sup>th</sup> , 25 <sup>th</sup> of each month	104, 107, 137, 173, 176, 189, 193, 202, 228
FRST	Participation Certificate backed by Ginnie Mae Securities	Monthly	\$1, \$1000	\$1	1 <sup>st</sup> of each month	17 <sup>th</sup> and 25 <sup>th</sup> of each month	104, 107, 173, 176, 189, 193, 202
FTRA	Mortgage Participation Certificate Remic Adjustable Rate	Monthly	\$1, \$1000	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 135, 137, 173, 176, 189, 193, 202
MCDB	Debenture Bond	Semi-annually	\$1000	\$1000	Varies		104, 107, 173, 189, 193, 202
ZCCD	Zero Coupon Bond	Sold at discount	Varies	Varies	Varies		104, 107, 173, 189, 193, 202
FMPC	Mortgage Participation Certificate	Monthly	\$1,000	\$1	Varies	29 <sup>th</sup> of each month	95, 104, 107, 173, 176, 189, 193, 202
MCCD	Capital Debenture	Semi-annually or at	Varies	Varies	1 <sup>st</sup> of each	15 <sup>th</sup> of each	104, 107, 173,

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
		maturity			month	month	189, 193, 202
FMAR	Adjustable Rate Participation Certificate	Monthly	\$1,000	\$1			95, 104, 107, 159, 173, 176, 189, 193, 202
FMST	Stripped Mortgage	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 173, 189, 193, 202
FMPT	Funding Note Pass-thru Obligations Fixed Rate	Monthly or quarterly	\$1	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of each month	104, 107, 173, 189, 193, 202
FNMT	Fixed Rate Note	Semi-annually	Varies	Varies			104, 107, 173, 189, 193, 202
FMOR	Optional Principal Redemption Bond	Varies	Varies	Varies			104, 107, 173, 189, 193, 202
FRPA	GNMA Adjustable Rate Pass-Thru REMIC	Monthly	\$1,000	\$1	1 <sup>st</sup> of each month	20 <sup>th</sup> of the month	176
FTRM	REMIC Mortgage Backed Securities	Monthly	Varies	\$1	1 <sup>st</sup> of each month	15 <sup>th</sup> of the month	223

## Financing Corporation

11921 Freedom Drive, Suite 1000  
Reston, VA 20190

(703) 467-3621

The Financing Corporation (FICO) is a government corporation chartered by the U.S. Congress in 1987 by the Federal Home Loan Bank board solely for the purpose of functioning as a vehicle for the recapitalization of the Federal Savings and Loan Insurance Corporation (FSLIC). The Office of Finance administers the securities issued on behalf of FICO.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
FICO	Bond	Semi-annually	Varies	Varies	Varies	Varies	128
FIIN	Stripped Interest Payment	Sold at discount			Varies	Varies	128
FIPR	Stripped Principal	Sold at discount	\$1,000	\$1,000	Varies	Varies	128, 154
FICP	Stripped Callable Principal	Semi-annually after call	\$1,000	\$1,000			128, 154



## Government National Mortgage Association - Ginnie Mae

451 Seventh Street, SW  
Washington, DC 20410-9000

<http://www.ginniemae.gov/>  
(202) 708-4141

Ginnie Mae was created in 1968 as a wholly owned corporation within the U.S. Department of Housing and Urban Development (HUD). Its purpose is to provide liquidity and stability to the housing finance market, in particular to support low-to moderate-income homebuyers. Ginnie Mae guarantees the timely payment of principal and interest on mortgage-backed securities backed by federally insured or guaranteed loans, mainly those insured by the Federal Housing Administration (FHA) or guaranteed by the U.S. Department of Veterans Affairs (VA). The Ginnie Mae guaranty is backed by the full faith and credit of the United States.

Class Code	Product Description	Interest Payment	Minimum	Multiple	Record Date	Payment Date	Corresponding Clearing Memo
GNAR	Ginnie Mae II ARM MBS Adjustable Rate	Monthly	\$1,000	\$1.00	1st Day of each month	20th of each month	225
GNCL	Ginnie Mae I Construction Loan MBS Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	15th day of each month	225, 234
GNCT	Callable Trusts Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	16th, 20th of each month	225
GNII	Ginnie Mae II MBS Fixed Rates	Monthly	\$1,000	\$1.00	1st Day of each month	20th of each month	225, 233
GNMI	Ginnie Mae I MBS Fixed Rates	Monthly	\$1,000	\$1.00	1st Day of each month	15th day of each month	225, 233
GNPL	Ginnie Mae I Project Loan MBS Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	15th day of each month	225
GNRA	Remic Adjustable Rate	Monthly	\$1,000	\$1.00	1st Day of each month	16th, 17th, 18th, 19th,	225

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
						20th, 21st, 25th, 26th, 27th of each month	
GNRM	Remic Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	16th, 17th, 18th, 19th, 20th, 21st, 25th, 26th, 27th of each month	225
GNSN	Ginnie Mae I Serial Notes Fixed Notes	Monthly	\$25,000	\$25,000	1st Day of each month	15th day of each month	225, 231
GPII	Ginnie Mae II Graduated Payment MBS Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	20th day of each month	225, 232
GPMI	Ginnie Mae I Graduated Payment MBS Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	15th day of each month	225, 232
GNST	Ginnie Mae STRIP MBS	Monthly	\$100,000	\$1.00	1st Day of each month	20th of each month	245
GNHF	Ginnie Mae Home Equity Conversion Mortgage (HECM) MBS Fixed Rate	Monthly	\$1,000	\$1.00	1st Day of each month	20th of each month	252
GNHR	Ginnie Mae HECM REMIC Fixed Rate	Monthly	Varies	Varies	1st Day of each month	20th of each month	252
GNHA	Ginnie Mae HECM	Monthly	\$1,000	\$1.00	1st Day of	20th of each	252

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
	MBS Adjustable Rate				each month	month	
GNHV	Ginnie Mae HECM REMIC Adjustable Rate	Monthly	Varies	Varies	1st Day of each month	20th of each month	252

## Inter-American Development Bank

1300 New York Avenue, NW  
Washington, DC 20577

<http://www.iadb.org>  
(202) 623 - 1000

The Inter-American Development Bank (IADB) is a multilateral development bank established in 1959, and is owned by the governments of regional member countries (located in the Western Hemisphere) and non-borrowing countries. Its purpose is to promote the economic and social development of Latin America and the Caribbean by promoting environmentally sustainable growth, as well as poverty reduction and social equity. The United States became a member of IADB in 1959.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
IABD	Bond	Varies	\$1000	\$1000	Varies	Varies	211
IABD	Bond	Varies	\$1000	\$1000	Varies	Varies	211
IADN	Discount Notes	Sold at discount	\$1,000	\$1,000	Varies	Varies	211
IAIN	Interest Components	Discounted	\$1,000	\$1,000	Varies	15 <sup>th</sup> of each month	211
IAPR	Floating Rate/Note Non-callable corpus	Discounted	\$1,000	\$1,000	Varies	15 <sup>th</sup> of each month	211
IADB	Bond	Semi – annually	Varies	Varies			211
IANT	Note	Semi – annually	\$1,000	\$1,000			211
IAFR	Floating Rate	Varies	Varies	Varies			211
IAAS	Amortizing Security	Varies					211
IAOR	Optional Principal Redemption Bond	Varies	Varies	Varies			211

## International Bank for Reconstruction and Development – World Bank Group

1818 H Street, NW  
Washington, DC 20433

<http://www.worldbank.org/>  
(202) 458-0759

The International Bank for Reconstruction and Development (IBRD) is a multilateral development bank established in 1945 and is one of the five institutions of the World Bank Group. Its stated purpose is to promote sustainable economic growth and development for its borrowing member countries, with a view to ending poverty and improving standards of living. IBRD is owned by its member countries, including the United States, which became a member in 1945.

Class Code	Product Description	Interest Payment	Minimum	Multiple	Record Date	Payment Date	Corresponding Clearing Memo
WBBD	Bond	Semi- annually	\$1,000	\$1,000	1 <sup>st</sup> , 7 <sup>th</sup> and 15 <sup>th</sup> of each month	1 <sup>st</sup> , 7 <sup>th</sup> and 15 <sup>th</sup> of each month	96, 177
WBCF	COLTS Fixed Rate	Semi – annually	\$25,000	\$1,000	Varies	Varies	96, 177
WBCF	COLTS Bond	Semi – annually	\$25,000	\$1,000	Varies	Varies	96, 177
WBDN	Discount Note	Sold at discount	Original issue usually \$50,000	\$5,000	Varies	Varies	91, 96, 177
WBNT	Note	Semi-annually	\$1,000	\$1,000	15 <sup>th</sup> , 21 <sup>st</sup> , and 27 <sup>th</sup> of each month	15 <sup>th</sup> , 21 <sup>st</sup> , and 27 <sup>th</sup> of each month	96, 177
WBFR	Floating Rate Note	Varies	Varies	Varies			96, 98, 177
WBCP	Stripped Callable Principal	Semi – annually	\$1,000	\$1,000			96, 177
WBCZ	COLTS Zero Coupon	Sold at discount	\$25,000	\$1,000	Varies	Varies	96, 177
WBCV	COLTS Variable	Quarterly	\$25,000	\$1,000			96, 177

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
	Rate						
WBGB	Global	Semi – annually	\$1,000	\$1,000	Varies	Varies	96, 156, 177
WBPR	Note or Bond Non-callable Corpus	Sold at discount	\$1,000	\$1,000	Varies	Varies	96, 177
WBIN	Stripped Interest	Sold at discount	\$1,000	\$1,000	Varies	1 <sup>st</sup> , 15 <sup>th</sup> and 19 <sup>th</sup> of each month	96, 177
IFNT	Note	Semi – annually			2 <sup>nd</sup> and 20 <sup>th</sup> of each month	2 <sup>nd</sup> and 20 <sup>th</sup> of each month	96, 177
WBZC	Agency Zero	Sold at discount	\$1,000	\$1,000	Varies	Varies	96, 177

## North American Development Bank

203 South St. Mary's, Suite 300  
San Antonio, TX 78205

<http://www.nadb.org/>  
(210) 231-8000

The North American Development Bank (NADB) is a binational development bank established in 1994 for the purpose of financing environmental infrastructure projects in the United States-Mexico border region. The United States and Mexico are the sole members of NADB.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
NABD	Fixed Rate 10-year Bullet	Semi-annually	\$100,000	\$1,000	Varies	Varies	260

## Resolution Funding Corporation

11921 Freedom Drive, Suite 1000  
Reston, VA 20190

(703) 467-3621

The Resolution Funding Corporation (RefCorp) is a mixed-ownership government corporation established by the U.S. Congress in 1989. The sole purpose of RefCorp is to provide financing for the Resolution Trust Corporation (the “RTC”), which managed and resolved failed savings and loan institutions. RTC was dissolved in 1995 and RefCorp is to be dissolved, as soon as practicable, after the maturity and full payment of all obligations issued by it. The Office of Finance administers the securities issued on behalf of FICO.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
RFBD	Bond	Semi-annually	Varies	Varies	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	158
RFIN	Stripped Interest Payment	Sold at discount	\$1,000	\$1,000	Varies	15 <sup>th</sup> of each month	
RFPR	Stripped Principal	Sold at discount	Varies	Varies	Varies	15 <sup>th</sup> of each month	158



## **Student Loan Marketing Association – Sallie Mae**

Federal Reserve Bank of New York (as trustee of the  
Sallie Mae Defeasance Trust set up to defease Sallie Mae obligations)  
100 Orchard Street  
East Rutherford, NJ 07073

(201) 531-3155

The Student Loan Marketing Association, commonly known as Sallie Mae (now Navient Corporation) was created in 1943 as a government-sponsored enterprise to support the guaranteed student loan program under the Higher Education Act of 1965. Sallie Mae was completely privatized at the end of 2004. At that time, the Federal Reserve Bank of New York was named trustee of a trust that was set up to defease all remaining outstanding Sallie Mae securities maintained on the Fedwire Securities Service. No new Sallie Mae securities will be issued over the Fedwire Securities Service.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
SLMN	Medium Term Note	Varies	Varies	Varies	Varies	Varies	167, 188, 201
SLZC	Zero Coupon Note	Sold at discount	\$5,000	\$5,000	15 <sup>th</sup> of each month	3 <sup>rd</sup> and 15 <sup>th</sup> of each month	123, 167, 188, 201

## Tennessee Valley Authority - TVA

400 West Summit Hill Drive  
Knoxville, TN 37902-1499

<http://www.tva.gov/>  
(865) 632-2101

The Tennessee Valley Authority (TVA) is a wholly owned government corporation established by the U.S. Congress with the enactment of the Tennessee Valley Authority Act of 1933. The TVA was created with the objective of developing the resources of the Tennessee River valley in order to strengthen the regional and national economy. The TVA Act authorized TVA to issue evidences of indebtedness that only may be used to finance its public power program, which provides wholesale electrical power to TVA's service area in the southeastern United States. TVA debt obligations are not obligations of, or guaranteed by the United States.

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
TVBD	Bond	Semi-annually	\$1,000	\$1,000	Varies	Varies	157, 166, 171, 183, 199
TVDN	Discount Notes	Sold at discount	\$100,000	\$1,000	Varies	Varies	166, 171, 183, 199
TVCP	Bond	Semi-annually	\$1,000	\$1,000	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	166, 171, 183, 199
TVIN	Bond	Semi-annually	\$1,000	\$1,000	Varies	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , and 18 <sup>th</sup> of each month	166, 171, 183, 199
TVPR	Bond	Semi-annually	\$1,000	\$1,000	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , 23 <sup>rd</sup> and 24 <sup>th</sup> of each month	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , 23 <sup>rd</sup> , and 24 <sup>th</sup> of each month	166, 171, 183, 199
TVBD	Bond (FISB)	Semi-annually	\$1,000	\$1,000	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , 23 <sup>rd</sup> , and 24 <sup>th</sup> of each month	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , 23 <sup>rd</sup> , and 24 <sup>th</sup> of each month	157, 166, 171, 183, 199

<b>Class Code</b>	<b>Product Description</b>	<b>Interest Payment</b>	<b>Minimum</b>	<b>Multiple</b>	<b>Record Date</b>	<b>Payment Date</b>	<b>Corresponding Clearing Memo</b>
TVBD	Inflation Indexed Securities	Semi-annually	\$1,000	\$1,000	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , 23 <sup>rd</sup> , and 24 <sup>th</sup> of each month	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , 23 <sup>rd</sup> , and 24 <sup>th</sup> of each month	157, 166, 171, 183,199
TVPR	Corpus Component	Maturity	\$1,000		1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , and 24 <sup>th</sup> of each month	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , 18 <sup>th</sup> , and 24 <sup>th</sup> of each month	166, 171, 183,199
TVCP	Callable Maturity	Semi-annually	\$1,000		15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	166, 171, 183,199
TVIN	Interest Components	Maturity	\$1,000	\$1,000	Varies	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , and 18 <sup>th</sup> of each month	166, 171, 183,199
TVNT	Inflation Indexed Linked Notes	Semi-annually	\$1,000	\$1,000			166, 171, 183,199
TVPR	Corpus	Sold at discount	\$1,000		1 <sup>st</sup> , 13 <sup>th</sup> , and 15 <sup>th</sup> of each month	18 <sup>th</sup> , 23 <sup>rd</sup> , and 24 <sup>th</sup> of each month	166, 171, 183,199
TVCP	Callable Component	Semi-annually	\$1,000		15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	166, 171, 183,199
TVIN	Interest Components	Sold at discount	\$1,000	\$1,000	Varies	1 <sup>st</sup> , 13 <sup>th</sup> , 15 <sup>th</sup> , and 18 <sup>th</sup> of each month	166, 171, 183,199
TVCP	Stripped Callable	Semi-annually	\$1,000	\$1,000	15 <sup>th</sup> of each month	15 <sup>th</sup> of each month	166, 171, 183,199
TVII	Inflation Indexed Interest	Semi-annually	\$1,000				166, 171, 183,199

# U.S. Department of the Treasury

Bureau of the Fiscal Service

401 14th Street SW

Washington, DC 20227

<https://www.treasurydirect.gov/instit/instit.htm>

(202) 504-3550

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