\$343,603,553



Guaranteed REMIC Pass-Through Certificates Fannie Mae REMIC Trust 2017-86

The Certificates

We, the Federal National Mortgage Association (Fannie Mae), will issue the classes of certificates listed in the chart on this cover.

Payments to Certificateholders

We will make monthly payments on the certificates. You, the investor, will receive

- interest accrued on the balance of your certificate (except in the case of the accrual classes), and
- principal to the extent available for payment on your class.

We will pay principal at rates that may vary from time to time. We may not pay principal to certain classes for long periods of time.

The Fannie Mae Guaranty

We will guarantee that required payments of principal and interest on the certificates are available for distribution to investors on time.

The Trust and its Assets

The trust will own

- Fannie Mae MBS backed by first lien, single-family adjustable-rate loans, and
- Fannie Mae MBS backed by first lien, single-family fixed-rate loans.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
AF	1 1	\$40,568,449 40,568,449(3)	PT NTL	(2) (4)	FLT/AFC WAC/IO	3136AYTH6 3136AYTJ2	November 2057 November 2057
FA	2 2	56,298,378 56,298,378(3)	PT NTL	(5) (6)	FLT/AFC WAC/IO	3136AYTR4 3136AYTS2	November 2057 November 2057
PA VP	3 3	92,905,000 5,024,000	PAC/AD PAC/AD	3.0% 3.0	FIX FIX	3136AYTM5 3136AYTN3	June 2045 February 2028
PZ Z FB	3 3 3	13,977,000 15,031,931 50,775,172	PAC/AD SUP PT	3.0 3.0 (7)	FIX/Z FIX/Z FLT	3136AYTP8 3136AYTQ6 3136AYTK9	November 2047 November 2047 November 2047
SB	3	50,775,172(3)	NTL	(7)	INV/IO	3136AYT L7	November 2047
MC(8)	4	50,037,000 6,254,625(3)	PAC NTL	2.5 4.0	FIX FIX/IO	3136AYTT0 3136AYTU7	April 2046 April 2046
MK(8) ML(8) CD	4 4 4	2,840,000 3,910,000 2,842,000	PAC PAC PAC	3.0 3.0 3.0	FIX FIX FIX	3136AYTV5 3136AYTW3 3136AYTX1	December 2046 November 2047 November 2047
CA	4 4	9,007,000	SUP/AD SUP/AD	3.0 3.0	FIX FIX	3136AYTY9 3136AYTZ6	November 2047 November 2047
CZ	4	1,623 17,255,905(3)	SUP NTL	3.0 4.0	FIX/Z FIX/IO	3136AYUA9 3136AYUB7	November 2047 November 2047
R		0	NPR NPR	0	NPR NPR	3136AYUC5 3136AYUD3	November 2057 November 2057

- See "Description of the Certificates—Class Definitions and Abbreviations" in the REMIC prospectus.
 Based on LIBOR and subject to the limitations described on
- (2) Based on LIBOR and subject to the limitations described or page S-13.
- (3) Notional principal balances. These classes are interest only classes. See page S-6 for a description of how their notional principal balances are calculated.
- principal balances are calculated.

 (4) The interest rate of the AS Class is calculated as described on pages S-13 and S-14.
- (5) Based on LIBOR and subject to the limitations described on page S-14.
- (6) The interest rate of the SA Class is calculated as described on page S-14.
- (7) Based on LIBOR.
- (8) Exchangeable classes.

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The M, MP and MA Classes are the RCR classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and "Description of the Certificates—Combination and Recombination—RCR Certificates" in the REMIC prospectus.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be October 31, 2017.

Carefully consider the risk factors on page S-7 of this prospectus supplement and starting on page 14 of the REMIC prospectus. Unless you understand and are able to tolerate these risks, you should not invest in the certificates.

You should read the REMIC prospectus as well as this prospectus supplement.

The certificates, together with interest thereon, are not guaranteed by the United States and do not constitute a debt or obligation of the United States or any agency or instrumentality thereof other than Fannie Mae.

The certificates are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

BNP PARIBAS

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AVAILABLE INFORMATION

You should purchase the certificates only if you have read and understood this prospectus supplement and the following documents (the "Disclosure Documents"):

- our Prospectus for Fannie Mae Guaranteed REMIC Pass-Through Certificates dated June 1, 2014 (the "REMIC Prospectus");
- our Prospectus for Fannie Mae Guaranteed Pass-Through Certificates (Single-Family Residential Mortgage Loans) dated
 - o June 1, 2016, for all MBS issued on or after June 1, 2016,
 - October 1, 2014, for all MBS issued on or after October 1, 2014 and prior to June 1, 2016,
 - o March 1, 2013, for all MBS issued on or after March 1, 2013 and prior to October 1, 2014,
 - February 1, 2012, for all MBS issued on or after February 1, 2012 and prior to March 1, 2013,
 - o July 1, 2011, for all MBS issued on or after July 1, 2011 and prior to February 1, 2012,
 - o June 1, 2009, for all MBS issued on or after January 1, 2009 and prior to July 1, 2011,
 - April 1, 2008, for all MBS issued on or after June 1, 2007 and prior to January 1, 2009, or
 - January 1, 2006, for all other MBS
 (as applicable, the "MBS Prospectus"); and
- any information incorporated by reference in this prospectus supplement as discussed below and under the heading "Incorporation by Reference" in the REMIC Prospectus.

For a description of current servicing policies generally applicable to existing Fannie Mae MBS pools, see "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus dated June 1, 2016.

The MBS Prospectus is incorporated by reference in this prospectus supplement. This means that we are disclosing information in that document by referring you to it. That document is considered part of this prospectus supplement, so you should read this prospectus supplement, and any applicable supplements or amendments, together with that document.

You can obtain copies of the Disclosure Documents by writing or calling us at:

Fannie Mae MBS Helpline 3900 Wisconsin Avenue, N.W., Area 2H-3S Washington, D.C. 20016 (telephone 800-2FANNIE).

In addition, the Disclosure Documents, together with the class factors, are available on our corporate Web site at www.fanniemae.com.

You also can obtain copies of the REMIC Prospectus and the MBS Prospectus by writing or calling the dealer at:

Static Data NY Securities
BNP Paribas
525 Washington Boulevard
Jersey City, New Jersey 07310
(telephone (201) 850-5627)
StaticDataNYSecurities@americas.bnpparibas.com.

SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of October 1, 2017. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on page S-3. In particular, please see the discussion of risk factors that appears in each of those additional disclosure documents.

Assets Underlying Each Group of Classes

Group	Assets
1	Group 1 MBS
2	Group 2 MBS
3	Group 3 MBS
4	Group 4 MBS

Group 1 and Group 2

The first table in Exhibits A-1 and A-2 of this prospectus supplement lists certain assumed characteristics of the mortgage loans underlying the adjustable-rate MBS in Group 1 and Group 2, respectively. The assumed characteristics appearing in Exhibits A-1 and A-2 may not reflect the actual characteristics of the individual adjustable-rate mortgage loans included in the related pools. The actual characteristics of most of the related mortgage loans may differ from those specified in Exhibit A-1 or Exhibit A-2, as applicable, and may differ significantly.

The second table in Exhibits A-1 and A-2 of this prospectus supplement lists the pool numbers of the adjustable-rate MBS in Group 1 and Group 2, respectively, that are expected to be included in the Lower Tier REMIC.

Group 3 and Group 4

Characteristics of the Fixed Rate MBS

	Approximate Principal Balance	Pass- Through Rate	Range of Weighted Average Coupons or WACs (annual percentages)	Range of Weighted Average Remaining Terms to Maturity or WAMs (in months)
Group 3 MBS	\$177,713,103	$4.00\% \\ 4.00\%$	4.25% to 6.50%	241 to 360
Group 4 MBS	\$ 69,023,623		4.25% to 6.50%	241 to 360

Assumed Characteristics of the Underlying Mortgage Loans

	Principal Balance	Original Term to Maturity (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Interest Rate
Group 3 MBS	\$177,713,103	360	354	4	4.449%
Group 4 MBS	\$ 69,023,623	360	343	15	4.516%

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the fixed rate MBS will differ from those shown above, and may differ significantly. See "Risk Factors—Risks Relating to Yield and Prepayment—Yields on and weighted average lives of the certificates are affected by actual characteristics of the mortgage loans backing the series trust assets" in the REMIC Prospectus.

Settlement Date

We expect to issue the certificates on October 31, 2017.

Distribution Dates

We will make payments on the certificates on the 25th day of each calendar month, or on the next business day if the 25th day is not a business day.

Record Date

On each distribution date, we will make each monthly payment on the certificates to holders of record on the last day of the preceding month.

Book-Entry and Physical Certificates

We will issue the classes of certificates in the following forms:

Fed Book-Entry	Physical

All classes of certificates other than the R and RL Classes R and RL Classes

Exchanging Certificates Through Combination and Recombination

If you own certificates of a class designated as "exchangeable" on the cover of this prospectus supplement, you will be able to exchange them for a proportionate interest in the related RCR certificates. Schedule 1 lists the available combinations of the certificates eligible for exchange and the related RCR certificates. You can exchange your certificates by notifying us and paying an exchange fee. We will deliver the RCR certificates upon such exchange.

We will apply principal and interest payments from exchanged REMIC certificates to the corresponding RCR certificates, on a pro rata basis, following any exchange.

Interest Rates

During each interest accrual period, the fixed rate classes will bear interest at the applicable annual interest rates listed on the cover of this prospectus supplement.

During the initial interest accrual period, the FB and SB Classes will bear interest at the initial interest rates listed below. During each subsequent interest accrual period, the FB and SB Classes will bear interest based on the formulas indicated below, but always subject to the specified maximum and minimum interest rates:

Class	Initial	Maximum	Minimum	Formula for
	Interest	Interest	Interest	Calculation of
	Rate	Rate	Rate	Interest Rate(1)
FB		$6.50\% \\ 6.15\%$	$0.35\% \ 0.00\%$	LIBOR + 35 basis points 6.15% - LIBOR

 $^{(1)\;\;}$ We will establish LIBOR on the basis of the "ICE Method."

During each interest accrual period, the AF, AS, FA and SA Classes will bear interest at the applicable annual rates described under "Description of the Certificates—Distributions of Interest—The AF Class," "—The AS Class," "—The FA Class" and "—The SA Class," respectively, in this prospectus supplement.

Notional Classes

The notional principal balances of the notional classes specified below will equal the percentages of the outstanding balances specified below immediately before the related distribution date:

Class	
AS	100% of the AF Class
SA	100% of the FA Class
SB	100% of the FB Class
MI	12.50% of the MC Class
IO	24.9999989134% of the Group 4 MBS

Distributions of Principal

For a description of the principal payment priorities, see "Description of the Certificates—Distributions of Principal" in this prospectus supplement.

Weighted Average Lives (years)*

					CPR	Prepay	ment A	Assu	mption	
Group 1 Classes				0%	5 %	10%	15%	25%	50%	75 %
AF and AS		9.1	6.9 5	5.4	4.3	2.9	1.4	0.7		
					CPR I	Prepayr	nent A	ssun	nption	
Group 2 Classes				0%	5 %	10%	15%	25%	50%	75 %
FA and SA				10.3	7.6	5.8	4.5	3.0	1.4	0.7
				PSA P	repayn	nent As	sumpt	ion		
Group 3 Classes		0%	100%	$\frac{130\%}{}$	170%	210%	400	0%	<u>600%</u>	800%
PA		14.6	6.2	5.4	5.4	5.4	1 3	3.5	2.6	2.1
VP		5.4	5.4	5.4	5.4	5.4	1 5	0.0	4.0	3.3
PZ		25.0	17.6	17.5	17.5	17.5	5 10	8.0	7.5	5.6
Z		28.1	21.6	19.1	11.5	2.8	3 1	.0	0.7	0.6
FB and SB		19.6	10.6	9.3	8.0	6.9) 4	2	3.0	2.4
			PS	A Prepa	yment	Assum	ption			
Group 4 Classes	0%	100%	135%	155%	195%	235%	6 400	0%	600%	800%
MC, MI and MA	16.4	6.2	5.1	5.1	5.1	5.1	. 3	3.3	2.3	1.7
MK	26.2	15.0	14.4	14.4	14.4	14.4	<u> 9</u>	0.0	5.9	4.2
ML	27.0	19.8	19.8	19.8	19.8	19.8	3 13	3.0	8.6	6.1
CD	27.8	16.9	10.9	2.6	2.6	2.6	3 1	.2	0.8	0.6
CA	29.0	22.8	19.5	16.8	8.0	2.1	. 0	0.7	0.4	0.3
CB	30.0	28.3	28.0	27.8	26.3	5.8	3 1	3	0.7	0.6
CZ	30.0	28.6	28.6	28.6	28.6	13.0) 1	3	0.7	0.6
IO	19.6	10.1	8.6	7.9	6.7	5.8	_	3.7	2.5	1.8
$M \ \dots \dots \dots \dots$	16.9	6.7	5.6	5.6	5.6	5.6	3	3.6	2.5	1.8
MP	26.7	17.8	17.5	17.5	17.5	17.5	5 11	3	7.4	5.3

^{*} Determined as specified under "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

ADDITIONAL RISK FACTORS

Recent natural disasters may present a risk of increased mortgage loan defaults. In late summer 2017, Hurricane Harvey and Hurricane Irma resulted in catastrophic damage to extensive areas of the Southeastern United States, including coastal Texas and Louisiana and coastal and inland Florida and Georgia. Additionally, in October 2017, various areas of Northern California were affected by wildfires that resulted in widespread damage and property loss. The full extent of the physical damage resulting from $_{
m the}$ foregoing events, including severe flooding, high winds and environmental contamination or fire, as applicable, remains uncertain. Thousands of people have been displaced and interruptions in the affected regional economies have been significant. Although the long-term effects are unclear, these events could lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. Accordingly, the rate of defaults on mortgage loans in the affected areas may increase. Any such increase will result in early payments of principal to holders of certificates (and early decreases in notional principal balances of interest only certificates) backed by MBS with underlying mortgage loans secured by properties in the affected areas.

Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates. On July 27, 2017, regulatory authorities in the United Kingdom announced their intention to stop persuading or compelling banks to submit LIBOR rates after 2021. Accordingly, it is uncertain

whether ICE will continue to quote LIBOR after 2021. 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. At present, we are unable to predict the effect of any alternative reference rates that may be established or any other reforms to LIBOR that may be adopted in the United in $_{
m the}$ U.S. Kingdom, orelsewhere. Uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the trading market for LIBOR-based securities, including certificates with interest rates that adjust based on LIBOR. Moreover, any future reform, replacement or disappearance of LIBOR may adversely affect the value of and return on the affected certificates.

As discussed in the REMIC Prospectus under "Risk Factors-Risks Relating to Yield and Prepayment-Intercontinental Exchange Benchmark Administration is the new LIBOR administrator," if we determine that the methods for establishing LIBOR are no longer viable, we may in our discretion designate an alternative method or, if appropriate, an alternative index for the determination of monthly interest rates on the floating rate and inverse floating rate classes. We will designate any alternative method or index taking into account general comparability and other factors; however, in that case, we can provide no assurance that the alternative will yield the same or similar economic results over the lives of the related classes.

DESCRIPTION OF THE CERTIFICATES

The material under this heading describes the principal features of the Certificates. You will find additional information about the Certificates in the other sections of this prospectus supplement, as well as in the additional Disclosure Documents and the Trust Agreement. If we use a capitalized term in this prospectus supplement without defining it, you will find the definition of that term in the applicable Disclosure Document or in the Trust Agreement.

General

Structure. We will create the Fannie Mae REMIC Trust specified on the cover of this prospectus supplement (the "Trust") pursuant to a trust agreement dated as of May 1, 2010 and a supplement thereto dated as of October 1, 2017 (the "Issue Date"). We will issue the Guaranteed

REMIC Pass-Through Certificates (the "REMIC Certificates") pursuant to that trust agreement and supplement. We will issue the Combinable and Recombinable REMIC Certificates (the "RCR Certificates" and, together with the REMIC Certificates, the "Certificates") pursuant to a separate trust agreement dated as of May 1, 2010 and a supplement thereto dated as of the Issue Date (together with the trust agreement and supplement relating to the REMIC Certificates, the "Trust Agreement"). We will execute the Trust Agreement in our corporate capacity and as trustee (the "Trustee"). In general, the term "Classes" includes the Classes of REMIC Certificates and RCR Certificates.

The assets of the Trust will include:

- two groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates having variable pass-through rates (the "Group 1 MBS" and "Group 2 MBS," and together, the "ARM MBS"), and
- two groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates having fixed pass-through rates (the "Group 3 MBS" and "Group 4 MBS," and together, the "Fixed Rate MBS").

The Fixed Rate MBS and the ARM MBS are referred to collectively as the "MBS."

Each MBS represents a beneficial ownership interest in a pool of first lien, one- to four-family ("single-family"), fixed-rate or adjustable-rate residential mortgage loans (the "Mortgage Loans") having the characteristics described in this prospectus supplement.

The Trust will include the "Lower Tier REMIC" and "Upper Tier REMIC" as "real estate mortgage investment conduits" (each, a "REMIC") under the Internal Revenue Code of 1986, as amended (the "Code").

The following chart contains information about the assets, the "regular interests" and the "residual interests" of each REMIC. The REMIC Certificates other than the R and RL Classes are collectively referred to as the "Regular Classes" or "Regular Certificates," and the R and RL Classes are collectively referred to as the "Residual Classes" or "Residual Certificates."

REMIC Designation	Assets	Regular Interests	Residual Interest
Lower Tier REMIC	MBS	Interests in the Lower Tier REMIC other than the RL Class (the "Lower Tier Regular Interests")	RL
Upper Tier REMIC	Lower Tier Regular Interests	All Classes of REMIC Certificates other than the R and RL Classes	R

Fannie Mae Guaranty. For a description of our guaranties of the Certificates and the MBS, see the applicable discussions appearing under the heading "Fannie Mae Guaranty" in the REMIC Prospectus and the MBS Prospectus. Our guaranties are not backed by the full faith and credit of the United States.

Characteristics of Certificates. Except as specified below, we will issue the Certificates in book-entry form on the book-entry system of the U.S. Federal Reserve Banks. Entities whose names appear on the book-entry records of a Federal Reserve Bank as having had Certificates deposited in their accounts are "Holders" or "Certificateholders."

We will issue the Residual Certificates in fully registered, certificated form. The "Holder" or "Certificateholder" of a Residual Certificate is its registered owner. A Residual Certificate can be transferred at the corporate trust office of the Transfer Agent, or at the office of the Transfer Agent in New York, New York. U.S. Bank National Association in Boston, Massachusetts will be

the initial Transfer Agent. We may impose a service charge for any registration of transfer of a Residual Certificate and may require payment to cover any tax or other governmental charge. See also "—Characteristics of the Residual Classes" below.

Authorized Denominations. We will issue the Certificates in the following denominations:

Classes	Denominations

Interest Only and Inverse Floating
Rate Classes
All other Classes (except the R and RL Classes)
\$100,000 minimum plus whole dollar increments
\$1,000 minimum plus whole dollar increments

The ARM MBS

Unless otherwise specified, references in this section to percentages of the Hybrid ARM Loans are in each case measured by aggregate principal balance of the related Group of Hybrid ARM Loans at the Issue Date.

General

The Mortgage Loans underlying the ARM MBS in Group 1 and Group 2 (the "Hybrid ARM Loans") will have the general characteristics described in the MBS Prospectus. In addition, we assume that the Hybrid ARM Loans will have the characteristics listed in the first table on Exhibit A-1 or Exhibit A-2, as applicable, to this prospectus supplement. The ARM MBS provide that principal and interest on the Hybrid ARM Loans are passed through monthly, beginning in the month after we issue the ARM MBS. The Hybrid ARM Loans are generally conventional, adjustable-rate mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. Substantially all of the Hybrid ARM Loans have original maturities of up to 30 years. See "Description of the Certificates," "The Mortgage Loan Pools," "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus. See also the second table in Exhibit A-1 or Exhibit A-2, as applicable, to this prospectus supplement for the pool numbers of the ARM MBS in Group 1 and Group 2 that are expected to be included in the Lower Tier REMIC.

Characteristics of the Hybrid ARM Loans in Group 1

Applicable Index

After the initial fixed-rate period, the interest rate (the "ARM Rate") for the Hybrid ARM Loans in Group 1 will adjust annually, based generally on the One-Year Treasury Index (the "One-Year Treasury ARM Loans") as available either 30 days or 45 days, as applicable, prior to the related interest rate adjustment date.

In the case of less than 1% of the Hybrid ARM Loans in Group 1, the related ARM Rates will adjust based on other interest rate indices. These indices are specified in the first table of Exhibit A-1 to this prospectus supplement. See "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)—ARM Indices" in the MBS Prospectus for descriptions of most of these indices. If any of these indices becomes unavailable, an alternative index will be determined in accordance with the terms of the related mortgage note.

Initial Interest Only Periods

The scheduled monthly payments on approximately 15% of the Hybrid ARM Loans in Group 1 represented accrued interest only for periods that generally range up to 10 years following origination. Beginning with the first monthly payment following the expiration of the applicable interest only period, the related loan documents provide that the scheduled monthly payment on each of the related Hybrid ARM Loans will be increased by an amount sufficient to pay accrued

interest at the then current rate and to fully amortize the Hybrid ARM Loan by its scheduled maturity date. See "Risk Factors—Risks Relating to Yield and Prepayment—Fixed-rate and ARM loans with long initial interest-only payment periods may be more likely to be refinanced or become delinquent than other mortgage loans" in the MBS Prospectus dated June 1, 2016.

Initial Fixed-Rate Periods

For the following approximate percentages of the Hybrid ARM Loans in Group 1, the interest rates were fixed for the initial periods from origination reflected in the following table (the "Initial Fixed Rate"):

Initial Fixed-Rate Period						
1 year	3 years	5 years	7 years			
2%	9%	55%	34%			

ARM Rate Changes

After the initial fixed-rate period, the ARM Rate of each Hybrid ARM Loan in Group 1 is set annually, subject to the caps and floors described below, to equal the *sum* of (i) the applicable index value *plus* (ii) a specified percentage amount (the "ARM Margin") that the lender established when the Hybrid ARM Loan was originated.

Initial ARM Rate Change Caps

For the interest rate adjustment immediately following the end of the initial fixed-rate period, the ARM Rate for each Hybrid ARM Loan in Group 1 generally may not deviate by more than 1, 2 or 5 percentage points, as applicable, from the related Initial Fixed Rate.

Subsequent ARM Rate Change Caps

On each annual ARM Rate adjustment date thereafter, the ARM Rate for each Hybrid ARM Loan in Group 1 generally may not deviate by more than 1 or 2 percentage points, as applicable, from the related ARM Rate in effect immediately prior to that adjustment date.

Lifetime Cap and Floor

The ARM Rate for each Hybrid ARM Loan in Group 1, when adjusted on its applicable adjustment date, may not be greater than the maximum ARM Rate (lifetime rate cap) or less than its minimum ARM Rate (lifetime floor), as specified in the related mortgage note.

Monthly Payments

After the initial fixed-rate period, the amount of a borrower's monthly payment is subject to change on each anniversary of the date specified in the related mortgage note.

Each new monthly payment amount will be calculated to equal an amount necessary to pay interest at the new ARM Rate, adjusted as described above, and, except in the case of any loan that may still be in its initial interest only payment period, to fully amortize the outstanding principal balance of the loan on a level debt service basis over the remainder of its term.

Option to Convert to Fixed Rate

Approximately 1% of the Hybrid ARM Loans in Group 1 permitted the borrower to convert the loan to a fixed interest-rate loan at certain times specified in the related mortgage note. If the borrower exercises the right to convert the loan to a fixed-rate loan, we will purchase the loan from the related pool. See "Yield, Maturity and Prepayment Considerations—Maturity and

Prepayment Considerations—Convertible ARM Loans" and "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)—Types of ARM Loans—Fully amortizing ARM loan with fixed-rate conversion option" in the MBS Prospectus dated June 1, 2016.

Characteristics of the Hybrid ARM Loans in Group 2

Applicable Indices

After the initial fixed-rate period, the ARM Rate for the Hybrid ARM Loans in Group 2 will adjust

- in the case of approximately 1% of the Hybrid ARM Loans in Group 2, semi-annually based on the Six-Month WSJ LIBOR Index (the "Six-Month LIBOR ARM Loans") as available generally 25 days or 45 days, as applicable, prior to the related interest rate adjustment date; or
- in the case of approximately 99% of the Hybrid ARM Loans in Group 2, annually based on the One-Year WSJ LIBOR Index (the "One-Year LIBOR ARM Loans") as available generally 25 days or 45 days, as applicable, prior to the related interest rate adjustment date.

See "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)—ARM Indices" in the MBS Prospectus for descriptions of these indices. If any of these indices becomes unavailable, an alternative index will be determined in accordance with the terms of the related mortgage loan.

Initial Interest Only Periods

The scheduled monthly payments on approximately 16% of the Hybrid ARM Loans in Group 2 represented accrued interest only for periods that generally range up to 10 years following origination. Beginning with the first monthly payment following the expiration of the applicable interest only period, the related loan documents provide that the scheduled monthly payment on each of the related Hybrid ARM Loans will be increased by an amount sufficient to pay accrued interest at the then current rate and to fully amortize the Hybrid ARM Loan by its scheduled maturity date. See "Risk Factors—Risks Relating to Yield and Prepayment—Fixed-rate and ARM loans with long initial interest-only payment periods may be more likely to be refinanced or become delinquent than other mortgage loans" in the MBS Prospectus dated June 1, 2016.

Initial Fixed-Rate Periods

For the following approximate percentages of the Hybrid ARM Loans in Group 2, the interest rates were fixed for the initial periods from origination reflected in the following table (the "Initial Fixed Rate"):

Initial	Fixed-Rate	Period
3 years	5 years	7 years
9%	70%	21%

ARM Rate Changes

After the initial fixed-rate period, the ARM Rate of each Hybrid ARM Loan in Group 2 is set annually or semi-annually, subject to the caps and floors described below, to equal the *sum* of (i) the applicable index value *plus* (ii) a specified percentage amount (the "ARM Margin") that the lender established when the Hybrid ARM Loan was originated.

Initial ARM Rate Change Caps

For the interest rate adjustment immediately following the end of the initial fixed-rate period, the ARM Rate for each Hybrid ARM Loan in Group 2 generally may not deviate by more than 2, 5 or 6 percentage points, as applicable, from the related Initial Fixed Rate.

Subsequent ARM Rate Change Caps

On each applicable ARM Rate adjustment date thereafter, the ARM Rate for each Hybrid ARM Loan in Group 2 generally may not deviate by more than 1 or 2 percentage points, as applicable, from the related ARM Rate in effect immediately prior to that adjustment date.

Lifetime Cap and Floor

The ARM Rate for each Hybrid ARM Loan, in Group 2, when adjusted on its applicable adjustment date, may not be greater than the maximum ARM Rate (lifetime rate cap) or less than its minimum ARM Rate (lifetime floor), as specified in the related mortgage note.

Monthly Payments

After the initial fixed-rate period, the amount of a borrower's monthly payment is generally subject to change

- in the case of the Six-Month LIBOR ARM Loans, at six-month intervals after the date specified in the related mortgage note, or
- in the case of the One-Year LIBOR ARM Loans, generally on each anniversary of the date specified in the related mortgage note.

Each new monthly payment amount will be calculated to equal an amount necessary to pay interest at the new ARM Rate, adjusted as described above, and, except in the case of any loan that may still be in its initial interest only payment period, to fully amortize the outstanding principal balance of the Hybrid ARM Loan on a level debt service basis over the remainder of its term.

Reduced Servicing Fee

Approximately 6% of the Hybrid ARM Loans in Group 2 have a minimum annual servicing fee of 0.125%. See "Fannie Mae Purchase Program—Servicing Compensation and Payment of Certain Expenses" in the MBS Prospectus.

Prepayment Premium Periods

Approximately 1% of the Hybrid ARM Loans in Group 2 were subject to prepayment premiums if the borrowers made full or partial prepayments during prepayment premium periods that may range up to 60 months from the applicable origination dates.

The Fixed Rate MBS

The Fixed Rate MBS provide that principal and interest on the related Mortgage Loans are passed through monthly. The Mortgage Loans underlying the Fixed Rate MBS are conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. These Mortgage Loans have original maturities of up to 30 years.

For additional information, see "Summary—Group 3 and Group 4—Characteristics of the Fixed Rate MBS" in this prospectus supplement and "The Mortgage Loan Pools" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus.

Distributions of Interest

General. The Certificates will bear interest at the rates specified in this prospectus supplement. Interest to be paid on each Certificate (or added to principal, in the case of the Accrual Classes) on a Distribution Date will consist of one month's interest on the outstanding balance of that Certificate immediately prior to that Distribution Date. For a description of the Accrual Classes, see "—*Accrual Classes*" below.

The Floating Rate and Inverse Floating Rate Classes will bear interest at interest rates based on LIBOR. We currently establish LIBOR on the basis of the "ICE Method" as generally described under "Description of the Certificates—Distributions on Certificates—Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes" in the REMIC Prospectus. For a description of recent developments affecting LIBOR calculations, see "Risk Factors—Risks Relating to Yield and Prepayment—Intercontinental Exchange Benchmark Administration is the new LIBOR administrator" in the REMIC Prospectus and "Additional Risk Factors—Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates" in this prospectus supplement.

Delay Classes and No-Delay Classes. The "Delay" Classes and "No-Delay" Classes are set forth in the following table:

Delay Classes

No-Delay Classes

All interest-bearing Classes other than the FB and SB Classes

FB and SB Classes

See "Description of the Certificates—Distributions on Certificates— $Interest\ Distributions$ " in the REMIC Prospectus.

Accrual Classes. The PZ, Z and CZ Classes are Accrual Classes. Interest will accrue on each Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on each Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Classes as described under "—Distributions of Principal" below.

The AF Class.

On each Distribution Date, we will pay interest on the AF Class in an amount equal to one month's interest at an annual rate equal to the *lesser* of

• LIBOR + 30 basis points (but in no event less than 0.30%)

or

• the Weighted Average Group 1 MBS Pass-Through Rate.

The "Weighted Average Group 1 MBS Pass-Through Rate" for any Distribution Date is equal to the weighted average of the pass-through rates of the Group 1 MBS in effect for calculating distributions on that Distribution Date, weighted on the basis of the principal balances of the Group 1 MBS after giving effect to distributions of principal made on the immediately preceding Distribution Date.

During the initial interest accrual period, the AF Class will bear interest at an annual rate of 1.540%. Our determination of the interest rate for the AF Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The AS Class.

On each Distribution Date, we will pay interest on the AS Class at an annual rate equal to the *product* of

- a fraction, expressed as a percentage, the numerator of which is the *excess*, if any, of
 - the aggregate amount of interest then paid on the Group 1 MBS

over

• the interest payable on the AF Class on that Distribution Date,

and the denominator of which is the notional principal balance of the AS Class immediately preceding that Distribution Date,

multiplied by

• 12.

During the initial interest accrual period, the AS Class is expected to bear interest at an annual rate of approximately 1.647%. Our determination of the interest rate for the AS Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The FA Class.

On each Distribution Date, we will pay interest on the FA Class in an amount equal to one month's interest at an annual rate equal to the *lesser* of

• LIBOR + 30 basis points (but in no event less than 0.30%)

or

• the Weighted Average Group 2 MBS Pass-Through Rate.

The "Weighted Average Group 2 MBS Pass-Through Rate" for any Distribution Date is equal to the weighted average of the pass-through rates of the Group 2 MBS in effect for calculating distributions on that Distribution Date, weighted on the basis of the principal balances of the Group 2 MBS after giving effect to distributions of principal made on the immediately preceding Distribution Date.

During the initial interest accrual period, the FA Class will bear interest at an annual rate of 1.540%. Our determination of the interest rate for the FA Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The SA Class.

On each Distribution Date, we will pay interest on the SA Class at an annual rate equal to the product of

- a fraction, expressed as a percentage, the numerator of which is the *excess*, if any, of
 - the aggregate amount of interest then paid on the Group 2 MBS

over

• the interest payable on the FA Class on that Distribution Date,

and the denominator of which is the notional principal balance of the SA Class immediately preceding that Distribution Date,

multiplied by

• 12.

During the initial interest accrual period, the SA Class is expected to bear interest at an annual rate of approximately 1.887%. Our determination of the interest rate for the SA Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

Distributions of Principal

On the Distribution Date in each month, we will make payments of principal on the Classes of REMIC Certificates as described below. Following any exchange of REMIC Certificates for RCR Certificates, we will apply principal payments from the exchanged REMIC Certificates to the corresponding RCR Certificates on a pro rata basis.

• Group 1	
The Group 1 Principal Distribution Amount to AF until retired.	
The "Group 1 Principal Distribution Amount" is the principal then paid on the Gr	oup 1 MBS.
• Group 2	
The Group 2 Principal Distribution Amount to FA until retired.	
The "Group 2 Principal Distribution Amount" is the principal then paid on the Gr	oup 2 MBS.
• Group 3	
The PZ Accrual Amount to VP until retired, and thereafter to PZ.	Accretion Directed Class and Accrual Class
The Z Accrual Amount to Aggregate Group I to its Planned Balance, and thereafter to Z. $ \\$	Accretion Directed/PAC Group and Accrual Class
The Group 3 Cash Flow Distribution Amount as follows:	
-71.4285715893% as follows:	
first, to Aggregate Group I to its Planned Balance;	PAC Group
second, to Z until retired; and	$\Bigg\} \ {\bf Support} \ {\bf Class}$
third, to Aggregate Group I to zero, and	} PAC Group
- 28.5714284107% to FB until retired.	
The "PZ Accrual Amount" is any interest then accrued and added to the princip the PZ Class.	al balance of
The "Z Accrual Amount" is any interest then accrued and added to the princip the Z Class.	al balance of
The "Group 3 Cash Flow Distribution Amount" is the principal then paid on the Gr	oup 3 MBS.
"Aggregate Group I" consists of the PA, VP and PZ Classes. On each Distribut will apply payments of principal of Aggregate Group I to PA, VP and PZ, in that retired.	
Aggregate Group I has a principal balance equal to the aggregate principal balance included in Aggregate Group I.	alance of the
• Group 4	
The CZ Accrual Amount to CA and CB, in that order, until retired, and thereafter to CZ.	Accretion Directed Classes and Accrual Class
The Group 4 Cash Flow Distribution Amount in the following priority:	
1 M A)

1. To Aggregate Group II to its Planned Balance.
2. To CD to its Planned Balance.
3. To CA, CB and CZ, in that order, until retired.
4. To CD until retired.
5. To Aggregate Group II to zero.

PAC Group and Class

Support Classes

PAC Class and Group

The "CZ Accrual Amount" is any interest then accrued and added to the principal balance of the CZ Class.

The "Group 4 Cash Flow Distribution Amount" is the principal then paid on the Group 4 MBS.

"Aggregate Group II" consists of the MC, MK and ML Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II to MC, MK and ML, in that order, until retired.

Aggregate Group II has a principal balance equal to the aggregate principal balance of the Classes included in Aggregate Group II.

Structuring Assumptions

Pricing Assumptions. Except where otherwise noted, the information in the tables in this prospectus supplement has been prepared based on the following assumptions (the "Pricing Assumptions"):

- the Mortgage Loans underlying the Fixed Rate MBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under "Summary—Group 3 and Group 4—Assumed Characteristics of the Underlying Mortgage Loans" in this prospectus supplement;
- the Hybrid ARM Loans have the characteristics set forth in Exhibit A-1 or Exhibit A-2, as applicable, to this prospectus supplement;
- with respect to the Hybrid ARM Loans in Group 1, the One-Year Treasury Index, Five-Year Treasury Index and Six-Month Treasury Index values are and remain 1.42%, 1.95% and 1.24%, respectively;
- with respect to the Hybrid ARM Loans in Group 2, the Six-Month WSJ LIBOR Index and One-Year WSJ LIBOR Index values are and remain 1.55% and 1.82%, respectively;
- the Mortgage Loans prepay at the constant percentages of PSA or CPR, as applicable, specified in the related tables;
- the settlement date for the Certificates is October 31, 2017; and
- each Distribution Date occurs on the 25th day of a month.

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the Fixed Rate MBS will differ from the assumed characteristics shown in the Summary, and may differ significantly. See "Risk Factors—Risks Relating to Yield and Prepayment—Yields on and weighted average lives of the certificates are affected by actual characteristics of the mortgage loans backing the series trust assets" in the REMIC Prospectus.

Prepayment Assumptions. The prepayment model used in this prospectus supplement with respect to the Group 1 and Group 2 Classes is CPR. For a description of CPR, see "Yield, Maturity and Prepayment Considerations—Prepayment Models" in the REMIC Prospectus.

The prepayment model used in this prospectus supplement with respect to the Group 3 and Group 4 Classes is PSA. For a description of PSA, see "Yield, Maturity and Prepayment Considerations—Prepayment Models" in the REMIC Prospectus.

It is highly unlikely that prepayments will occur at any *constant* PSA or CPR rate, as applicable, or at any other *constant* rate.

Principal Balance Schedules. The Principal Balance Schedules are set forth beginning on page B-1 of this prospectus supplement. The Principal Balance Schedules were prepared based on the Pricing Assumptions and the assumption that the related Mortgage Loans prepay at a constant rate within the applicable "Structuring Ranges" specified in the chart below. The "Effective Range" for an Aggregate Group or a Class is the range of prepayment rates (measured by constant PSA)

rates) that would reduce that Aggregate Group or Class to its scheduled balance each month based on the Pricing Assumptions. We have not provided separate schedules for the individual Classes included in the Aggregate Groups. However, those Classes are designed to receive principal distributions in the same fashion as if separate schedules had been provided (with schedules based on the same underlying assumptions that apply to the related Aggregate Group schedule). If such separate schedules had been provided for the individual Classes included in the Aggregate Groups, we expect that the effective ranges for those Classes would not be narrower than those shown below for the related Aggregate Groups.

Groups and Class	Structuring Ranges	Initial Effective Ranges			
Aggregate Group I Planned Balances	Between 130% and 210% PSA	Between 130% and 210% PSA			
Aggregate Group II Planned Balances	Between 135% and 235% PSA	Between 135% and 235% PSA			
CD Class Planned Balances	Between 155% and 235% PSA	Between 155% and 235% PSA			

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	PA, VP and PZ
Aggregate Group II	MC, MK and ML

See "—Decrement Tables" below for the percentages of original principal balances of the individual Classes included in the Aggregate Groups that would be outstanding at various constant PSA rates, including the upper and lower bands of the applicable Structuring Range, based on the Pricing Assumptions.

We cannot assure you that the balance of either Aggregate Group or the CD Class will conform on any Distribution Date to the balance specified in the Principal Balance Schedules or that distributions of principal of either Aggregate Group or the CD Class will begin or end on the Distribution Dates specified in the Principal Balance Schedules.

If you are considering the purchase of a PAC Class, you should first take into account the considerations set forth below.

- We will distribute any excess of principal distributions over the amount necessary to reduce the Aggregate Groups and the CD Class to their scheduled balances in any month. As a result, the likelihood of reducing the Aggregate Groups or the CD Class to their scheduled balances each month will not be improved by the averaging of high and low principal distributions from month to month.
- Even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Range or Effective Range, principal distributions may be insufficient to reduce the Aggregate Groups and the CD Class to their scheduled balances each month if prepayments do not occur at a *constant* PSA rate.
- The actual Effective Ranges at any time will be based upon the actual characteristics of the related Mortgage Loans at that time, which are likely to vary (and may vary considerably) from the Pricing Assumptions. As a result, the actual Effective Ranges will likely differ from the Initial Effective Ranges specified above. For the same reason, the Aggregate Groups and the CD Class might not be reduced to their scheduled balances each month even if the related Mortgage Loans prepay at a *constant* PSA rate within the applicable Initial Effective Ranges. This is so particularly if the rates fall at the lower or higher end of the applicable ranges.
- The actual Effective Ranges may narrow, widen or shift upward or downward to reflect actual prepayment experience over time.

• The principal payment stability of each Aggregate Group or Class having scheduled balances will be supported by one or more other Classes. When the related supporting Class or Classes are retired, the Aggregate Group or Class receiving the benefit of that support, if still outstanding, may no longer have an Effective Range, and will be much more sensitive to prepayments of the related Mortgage Loans.

Yield Tables and Additional Yield Considerations

General. The tables below illustrate the sensitivity of the pre-tax corporate bond equivalent yields to maturity of the applicable Classes to various constant percentages of PSA and, where specified, to changes in the Index. **The tables below are provided for illustrative purposes only and are not intended as a forecast or prediction of the actual yields on the applicable Classes.** We calculated the yields set forth in the tables by

- determining the monthly discount rates that, when applied to the assumed streams of cash flows to be paid on the applicable Classes, would cause the discounted present values of the assumed streams of cash flows to equal the assumed aggregate purchase prices of those Classes, and
- converting the monthly rates to corporate bond equivalent rates.

These calculations do not take into account variations in the interest rates at which you could reinvest distributions on the Certificates. Accordingly, these calculations do not illustrate the return on any investment in the Certificates when reinvestment rates are taken into account.

We cannot assure you that

- the pre-tax yields on the applicable Certificates will correspond to any of the pre-tax yields shown here, or
- the aggregate purchase prices of the applicable Certificates will be as assumed.

In addition, it is unlikely that the Index will correspond to the levels shown here. Furthermore, because some of the Mortgage Loans are likely to have remaining terms to maturity shorter or longer than those assumed and interest rates higher or lower than those assumed, the principal payments (or notional principal balance reductions) on the Certificates are likely to differ from those assumed. This would be the case even if all Mortgage Loans prepay at the indicated constant percentages of PSA. Moreover, it is unlikely that

- the Mortgage Loans will prepay at a constant PSA rate until maturity,
- all of the Mortgage Loans will prepay at the same rate, or
- the level of the Index will remain constant.

The Inverse Floating Rate Class. The yield on the Inverse Floating Rate Class will be sensitive to the rate of principal payments (including prepayments) of the related Mortgage Loans and to the level of the Index. The Mortgage Loans generally can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. As illustrated in the table below, it is possible that investors in the SB Class would lose money on their initial investments under certain Index and prepayment scenarios.

Changes in the Index may not correspond to changes in prevailing mortgage interest rates. It is possible that lower prevailing mortgage interest rates, which might be expected to result in faster prepayments, could occur while the level of the Index increased.

The information shown in the following yield table has been prepared on the basis of the Pricing Assumptions and the assumptions that

- the interest rate for the Inverse Floating Rate Class for the initial Interest Accrual Period is the rate listed in the table under "Summary—Interest Rates" in this prospectus supplement and for each following Interest Accrual Period will be based on the specified levels of the Index, and
- the aggregate purchase price of that Class (expressed as a percentage of original principal balance) is as follows:

Class	Price*
SB	21.00%

^{*} The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table below.

In the following yield table, the symbol * is used to represent a yield of less than (99.9)%.

Sensitivity of the SB Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption								
LIBOR	50%	100%	130%	170%	210%	400%	600%	800%	
0.61167%	22.7%	20.0%	18.4%	16.2%	14.0%	3.2%	(8.6)%	(21.0)%	
$1.22333\% \dots \dots$	19.4%	16.7%	15.1%	12.9%	10.6%	(0.2)%	(12.2)%	(24.8)%	
$3.22333\% \dots \dots$	8.5%	5.7%	4.1%	1.8%	(0.5)%	(11.7)%	(24.3)%	(37.7)%	
$5.22333\% \ldots \ldots$	(4.7)%	(7.5)%	(9.2)%	(11.5)%	(13.8)%	(25.2)%	(38.2)%	(52.5)%	
6.15000%	*	*	*	*	*	*	*	*	

The Fixed Rate Interest Only Classes. The yields to investors in the Fixed Rate Interest Only Classes will be very sensitive to the rate of principal payments (including prepayments) of the related Mortgage Loans. The Mortgage Loans generally can be prepaid at any time without penalty. On the basis of the assumptions described below, the yield to maturity on each Fixed Rate Interest Only Class would be 0% if prepayments of the related Mortgage Loans were to occur at the following constant rates:

Class	% PSA
MI	288%
IO	250%

For either Fixed Rate Interest Only Class, if the actual prepayment rate of the related Mortgage Loans were to exceed the level specified for as little as one month while equaling that level for the remaining months, the investors in the applicable Class would lose money on their initial investments.

The information shown in the following yield tables has been prepared on the basis of the Pricing Assumptions and the assumption that the aggregate purchase prices of the Fixed Rate Interest Only Classes (expressed in each case as a percentage of the original principal balance) are as follows:

Class	Price*
MI	
IO	22.00%

^{*} The prices do not include accrued interest. Accrued interest has been added to the prices in calculating the yields set forth in the tables below.

Sensitivity of the MI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	135%	155%	195%	235%	400%	600%	800%
Pre-Tax Yields to Maturity	14.6%	8.5%	4.1%	4.1%	4.1%	4.1%	(11.3)%	(34.5)%	(59.3)%

Sensitivity of the IO Class to Prepayments

		PSA Prepayment Assumption							
	50%	100%	135%	155%	195%	235%	400%	600%	800%
Pre-Tax Yields to Maturity	12.6%	9.6%	7.4%	6.1%	3.5%	1.0%	(10.1)%	(24.4)%	(40.1)%

The AS and SA Classes. The yields to investors in the AS and SA Classes will be very sensitive to the rate of principal payments (including prepayments) of the related Hybrid ARM Loans and to the level of LIBOR. The yields will also be sensitive to the weighted average interest rates of the related Hybrid ARM Loans. Except as described under "Description of the Certificates—The ARM MBS" in this prospectus supplement, the Hybrid ARM Loans can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the Hybrid ARM Loans is likely to vary, and may vary considerably, from pool to pool. Under certain high prepayment or high LIBOR scenarios, in particular, it is possible that investors in the AS and SA Classes would lose money on their initial investments.

Weighted Average Lives of the Certificates

For a description of how the weighted average life of a Certificate is determined, see "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

In general, the weighted average lives of the Certificates will be shortened if the level of prepayments of principal of the related Mortgage Loans increases. However, the weighted average lives will depend upon a variety of other factors, including

- the timing of changes in the rate of principal distributions, and
- the priority sequences of distributions of principal of the Group 3 and Group 4 Classes.

See "—Distributions of Principal" above.

The effect of these factors may differ as to various Classes and the effects on any Class may vary at different times during the life of that Class. Accordingly, we can give no assurance as to the weighted average life of any Class. Further, to the extent the prices of the Certificates represent discounts or premiums to their original principal balances, variability in the weighted average lives of those Classes of Certificates could result in variability in the related yields to maturity. For an example of how the weighted average lives of the Classes may be affected at various constant prepayment rates, see the Decrement Tables below.

Decrement Tables

The following tables indicate the percentages of original principal balances of the specified Classes that would be outstanding after each date shown at various constant PSA or CPR rates, as applicable, and the corresponding weighted average lives of those Classes. The tables have been prepared on the basis of the Pricing Assumptions.

In the case of the information set forth for each Group 3 and Group 4 Class under 0% PSA, however, we assumed that the Mortgage Loans have the original and remaining terms to maturity and bear interest at the annual rates specified in the table below.

Mortgage Loans Backing Trust Assets Specified Below	Original and Remaining Term to Maturity	Interest Rate	
Group 3 MBS	360 months	6.50%	
Group 4 MBS	360 months	6.50%	

It is unlikely that all of the Mortgage Loans will have the loan ages, interest rates or remaining terms to maturity assumed, or that the Mortgage Loans will prepay at any constant PSA or CPR level, as applicable.

In addition, the diverse remaining terms to maturity of the Mortgage Loans could produce slower or faster principal distributions than indicated in the tables at the specified constant PSA or CPR rates, as applicable, even if the weighted average remaining term to maturity and the weighted average loan age of the Mortgage Loans are identical to the weighted averages specified in the Pricing Assumptions. This is the case because pools of loans with identical weighted averages are nonetheless likely to reflect differing dispersions of the related characteristics.

Percent of Original Principal Balances Outstanding

	AF and AS† Classes								
	CPR Prepayment Assumption								
Date	0%	5%	10%	15%	25%	50%	75 %		
Initial Percent	100	100	100	100	100	100	100		
October 2018	95	91	86	81	72	48	24		
October 2019	91	82	74	66	51	23	6		
October 2020	86	74	63	53	36	11	1		
October 2021	81	66	53	42	26	5	*		
October 2022	76	58	45	34	18	2	*		
October 2023	70	52	37	26	12	1	*		
October 2024	64	45	31	21	9	1	*		
October 2025	59	39	25	16	6	*	*		
October 2026	53	33	20	12	4	*	*		
October 2027	47	28	16	9	3	*	*		
October 2028	40	23	13	7	2	*	*		
October 2029	34	18	10	5	1	*	0		
October 2030	27	14	7	3	1	*	0		
October 2031	20	10	5	2	*	*	0		
October 2032	12	6	3	1	*	*	0		
October 2033	5	2	1	*	*	*	0		
October 2034	1	1	*	*	*	*	0		
October 2035	*	*	*	*	*	0	0		
October 2036	*	*	*	*	*	0	0		
October 2037	*	*	*	*	*	0	0		
October 2038	*	*	*	*	*	0	0		
October 2039	*	*	*	*	*	0	0		
October 2040	*	*	*	*	*	0	0		
October 2041	*	*	*	*	*	0	0		
October 2042	*	*	*	*	*	0	0		
October 2043	0	0	0	0	0	0	0		
Weighted Average									
Life (years)**	9.1	6.9	5.4	4.3	2.9	1.4	0.7		

^{*} Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

** Determined as specified under "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

[†] In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

			FA an	d SA† Cl	asses						PA (Class			
				Prepayr sumption								payment nption			
Date	0%	5%	10%	15%	25%	50%	75%	0%	100%	130%	170%	210%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	96	91	87	82	72	48	24	98	94	94	94	94	94	94	91
October 2019	92	83	75	67	52	23	6	96	86	83	83	83	79	63	49
October 2020	88	76	64	54	37	11	1	94	76	71	71	71	53	32	15
October 2021	84	68	55	44	27	5	*	91	66	60	60	60	35	13	0
October 2022	79	61	47	35	19	2	*	89	57	50	50	50	20	*	0
October 2023	75	55	40	28	13	1	*	86	49	40	40	40	10	0	0
October 2024	70	49	33	22	9	1	*	83	41	32	32	32	2	0	0
October 2025	65	43	28	18	6	*	*	80	33	24	24	24	0	0	0
October 2026	59	37	23	14	4	*	*	77	26	17	17	17	0	0	0
October 2027	54	32	19	11	3	*	*	74	20	12	12	12	0	0	0
October 2028	48	27	15	8	2	*	*	70	13	7	7	7	0	0	0
October 2029	42	23	12	6	1	*	*	66	7	2	2	2	0	0	0
October 2030	36	18	9	4	1	*	0	62	2	0	0	0	0	0	0
October 2031	29	14	7	3	1	*	0	58	0	0	0	0	0	0	0
October 2032	23	10	5	2	*	*	0	53	0	0	0	0	0	0	0
October 2033	16	$\bar{7}$	3	$\bar{1}$	*	*	Õ	49	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2034	9	4	2	1	*	*	0	43	0	0	0	0	0	0	0
October 2035	5	$\overline{2}$	1	*	*	*	Õ	38	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2036	4	1	1	*	*	*	Õ	32	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2037	3	1	*	*	*	*	Õ	26	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2038	$\tilde{2}$	1	*	*	*	0	Õ	20	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2039	ī	*	*	*	*	ŏ	ŏ	13	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
October 2040	*	*	*	*	*	Õ	Õ	5	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2041	*	*	*	*	*	ő	Õ	ő	Õ	ŏ	ŏ	Õ	ő	Õ	ŏ
October 2042	*	*	*	*	*	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
October 2043	*	*	*	*	*	ő	Õ	Õ	ŏ	ŏ	ŏ	Õ	ŏ	ŏ	ő
October 2044	*	*	*	*	*	ő	ő	ő	ő	ŏ	Õ	ő	ŏ	Õ	ő
October 2045	*	*	*	*	*	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ŏ	ŏ
October 2046	*	*	*	*	0	ő	ő	ő	Õ	0	ő	ő	ő	0	ő
October 2047	0	0	0	0	ő	0	0	0	0	0	0	0	0	0	0
Weighted Average	U	U	U	U	U	U	U	U	U	U	U	U	v	U	J
Life (years)**	10.3	7.6	5.8	4.5	3.0	1.4	0.7	14.6	6.2	5.4	5.4	5.4	3.5	2.6	2.1

				VP	Class				PZ Class							
				PSA Pre Assur	paymen nption	ıt							paymen nption	t		
Date	0%	100%	130%	170%	210%	400%	600%	800%	0%	100%	130%	170%	210%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	92	92	92	92	92	92	92	92	103	103	103	103	103	103	103	103
October 2019	83	83	83	83	83	83	83	83	106	106	106	106	106	106	106	106
October 2020	74	74	74	74	74	74	74	74	109	109	109	109	109	109	109	109
October 2021	65	65	65	65	65	65	65	23	113	113	113	113	113	113	113	113
October 2022	55	55	55	55	55	55	55	0	116	116	116	116	116	116	116	62
October 2023	45	45	45	45	45	45	0	0	120	120	120	120	120	120	86	31
October 2024	35	35	35	35	35	35	0	0	123	123	123	123	123	123	54	16
October 2025	25	25	25	25	25	0	0	0	127	127	127	127	127	111	34	8
October 2026	14	14	14	14	14	0	0	0	131	131	131	131	131	82	21	4
October 2027	3	3	3	3	3	0	0	0	135	135	135	135	135	60	13	2
October 2028	0	0	0	0	0	0	0	0	136	136	136	136	136	44	8	1
October 2029	0	0	0	0	0	0	0	0	136	136	136	136	136	32	5	1
October 2030	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	136	136	127	127	127	$\overline{24}$	3	*
October 2031	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	136	112	106	106	106	$\overline{17}$	$\tilde{2}$	*
October 2032	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	136	89	89	89	89	13	1	*
October 2033	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	136	74	74	74	74	9	1	*
October 2034	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	136	61	61	61	61	6	*	*
October 2035	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	136	50	50	50	50	5	*	*
October 2036	ő	Õ	Õ	Õ	ő	ő	ő	Õ	136	41	41	41	41	3	*	*
October 2037	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	136	33	33	33	33	$\tilde{2}$	*	*
October 2038	ő	Õ	ő	Õ	ő	ő	ő	ő	136	26	26	26	26	$\bar{2}$	*	*
October 2039	ő	ő	ő	0	ő	ő	ő	0	136	21	21	21	$\frac{20}{21}$	ĩ	*	*
October 2040	ŏ	ő	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	136	16	16	16	16	i	*	*
October 2041	ő	ő	ő	0	ő	ő	ő	0	121	12	12	12	12	*	*	*
October 2042	ő	ñ	ő	ő	ő	ő	ő	0	66	9	9	9	9	*	*	*
October 2043	ő	Õ	ő	ő	ő	ő	ő	ŏ	8	6	6	6	6	*	*	*
October 2044	ő	0	0	0	0	0	0	ő	4	4	4	4	4	*	*	*
October 2045	0	0	0	0	0	0	0	0	2	2	2	2	2	*	*	*
October 2046	0	0	0	0	0	0	0	0	1	1	$\tilde{1}$	1	1	*	*	0
October 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Weighted Average							4.0		o= o					400		
Life (years)**	5.4	5.4	5.4	5.4	5.4	5.0	4.0	3.3	25.0	17.6	17.5	17.5	17.5	10.8	7.5	5.6

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

** Determined as specified under "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

† In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance

outstanding.

				ZC	lass						F	B and S	B† Class	es		
				PSA Pre Assun	paymen nption	t							paymen nption	t		
Date	0%	100%	130%	170%	210%	400%	600%	800%	0%	100%	130%	170%	210%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	103	103	103	96	89	56	20	0	99	96	96	95	94	90	86	82
October 2019	106	106	106	86	65	0	0	0	98	90	88	86	84	72	61	51
October 2020	109	109	109	74	39	0	0	0	96	83	80	76	72	54	39	26
October 2021	113	113	113	65	21	0	0	0	95	77	72	67	61	40	24	13
October 2022	116	116	116	60	9	0	0	0	94	71	65	59	52	30	15	7
October 2023	120	120	120	58	2	0	0	0	92	65	59	51	45	22	9	3
October 2024	123	123	123	57	*	0	0	0	90	59	53	45	38	16	6	2
October 2025	127	127	126	58	*	0	0	0	89	54	47	39	33	12	4	1
October 2026	131	131	125	57	*	0	0	0	87	50	42	34	28	9	2	*
October 2027	135	135	123	55	*	0	0	0	85	45	38	30	23	7	1	*
October 2028	139	139	119	52	*	0	0	0	83	41	34	26	20	5	1	*
October 2029	143	143	113	49	*	0	0	0	80	37	30	22	17	4	1	*
October 2030	148	148	107	46	*	0	0	0	78	34	27	19	14	3	*	*
October 2031	152	152	100	42	*	0	0	0	75	30	24	17	12	2	*	*
October 2032	157	147	92	38	*	0	0	0	73	27	21	14	10	1	*	*
October 2033	162	137	85	34	*	0	0	0	70	24	18	12	8	1	*	*
October 2034	166	126	77	31	*	0	0	0	66	22	16	10	7	1	*	*
October 2035	171	114	69	27	*	0	0	0	63	19	14	9	5	1	*	*
October 2036	177	103	61	$\overline{24}$	*	Õ	Õ	Õ	59	17	$\overline{12}$	7	4	*	*	*
October 2037	182	92	54	21	*	0	0	0	56	14	10	6	4	*	*	*
October 2038	188	81	47	18	*	Õ	Õ	Õ	52	12	8	5	3	*	*	*
October 2039	193	70	40	15	*	Õ	Õ	Õ	47	11	7	4	$\tilde{2}$	*	*	*
October 2040	199	59	33	12	*	0	0	0	43	9	6	3	2	*	*	*
October 2041	205	49	27	10	*	Õ	Õ	Õ	38	7	5	2	1	*	*	*
October 2042	212	39	$\overline{21}$	-8	*	Õ	Õ	Õ	32	6	4	$\bar{2}$	ī	*	*	*
October 2043	218	30	16	6	*	Õ	Õ	Õ	27	4	3	1	1	*	*	*
October 2044	171	21	11	4	*	Õ	Õ	Õ	21	3	$\tilde{2}$	1	*	*	*	0
October 2045	118	$\overline{12}$	6	$\hat{2}$	*	ŏ	ŏ	ŏ	$\overline{14}$	$\tilde{2}$	ī	*	*	*	*	ŏ
October 2046	61	4	$\overset{\circ}{2}$	1	*	ő	Õ	ő	7	$\bar{1}$	*	*	*	*	*	ő
October 2047	0	Ô	ō	ō	0	ŏ	ŏ	ő	ó	Ō	0	0	0	0	0	ŏ
Weighted Average	0	0	3	J	· ·	Ü	Ü	Ü	J	J	Ü	Ü	0	Ü	· ·	3
Life (years)**	28.1	21.6	19.1	11.5	2.8	1.0	0.7	0.6	19.6	10.6	9.3	8.0	6.9	4.2	3.0	2.4

		MC, MI† and MA Classes											I	MK Clas	ss			
					Prepay sumpt									Prepay ssumpti				
Date	0%	100%	135%	155%	195%	235%	400%	600%	800%	0%	100%	135%	155%	195%	235%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	98	92	90	90	90	90	90	87	75	100	100	100	100	100	100	100	100	100
October 2019	97	82	77	77	77	77	70	50	32	100	100	100	100	100	100	100	100	100
October 2020	95	72	66	66	66	66	49	26	10	100	100	100	100	100	100	100	100	100
October 2021	93	64	55	55	55	55	33	11	0	100	100	100	100	100	100	100	100	70
October 2022	91	55	46	46	46	46	21	2	0	100	100	100	100	100	100	100	100	0
October 2023	89	48	37	37	37	37	12	0	0	100	100	100	100	100	100	100	34	0
October 2024	87	40	29	29	29	29	5	0	0	100	100	100	100	100	100	100	0	0
October 2025	84	34	22	22	22	22	1	0	0	100	100	100	100	100	100	100	0	0
October 2026	82	27	16	16	16	16	0	0	0	100	100	100	100	100	100	44	0	0
October 2027	79	21	11	11	11	11	0	0	0	100	100	100	100	100	100	0	0	0
October 2028	76	16	7	7	7	7	0	0	0	100	100	100	100	100	100	0	0	0
October 2029	73	11	3	3	3	3	0	0	0	100	100	100	100	100	100	0	0	0
October 2030	70	6	*	*	*	*	0	0	0	100	100	100	100	100	100	0	0	0
October 2031	66	1	0	0	0	0	0	0	0	100	100	64	64	64	64	0	0	0
October 2032	62	0	0	0	0	0	0	0	0	100	50	27	27	27	27	0	0	0
October 2033	58	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2034	54	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2035	49	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2036	44	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2037	39	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2038	33	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2039	27	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2040	21	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2041	14	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2042	7	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2043	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	0	0	0
October 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2045	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ
October 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2047	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ
Weighted Average	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Life (years)**	164	6.2	5.1	5.1	5.1	5.1	3.3	2.3	1.7	26.2	15.0	14.4	14.4	14.4	14.4	9.0	5.9	4.2
mic (years)	10.4	0.2	0.1	0.1	0.1	0.1	0.0	2.0	1.1	40.4	10.0	17.7	14.4	14.4	17.4	0.0	0.5	4.4

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

** Determined as specified under "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

† In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance

outstanding.

		ML Class											(CD Clas	is			
					Prepay sumpti									Prepay sumpti				
Date	0%	100%	135%	155%	195%	235%	400%	600%	800%	0%	100%	135%	155%	195%	235%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	100	100	100	100	100	100	100	100	100	100	100	100	79	79	79	79	0	0
October 2019	100	100	100	100	100	100	100	100	100	100	100	100	55	55	55	0	0	0
October 2020	100	100	100	100	100	100	100	100	100	100	100	100	37	37	37	0	0	0
October 2021	100	100	100	100	100	100	100	100	100	100	100	100	22	22	22	0	0	0
October 2022	100	100	100	100	100	100	100	100	77	100	100	100	12	12	12	0	0	0
October 2023	100	100	100	100	100	100	100	100	39	100	100	100	5	5	5	0	0	0
October 2024	100	100	100	100	100	100	100	78	20	100	100	100	*	*	*	0	0	0
October 2025	100	100	100	100	100	100	100	48	10	100	100	98	0	0	0	0	0	0
October 2026	100	100	100	100	100	100	100	30	5	100	100	88	0	0	0	0	0	0
October 2027	100	100	100	100	100	100	97	19	3	100	100	72	0	0	0	0	0	0
October 2028	100	100	100	100	100	100	71	11	1	100	100	51	0	0	0	0	0	0
October 2029	100	100	100	100	100	100	52	7	1	100	100	28	0	0	0	0	0	0
October 2030	100	100	100	100	100	100	38	4	*	100	100	2	0	0	0	0	0	0
October 2031	100	100	100	100	100	100	27	3	*	100	100	0	0	0	0	0	0	0
October 2032	100	100	100	100	100	100	20	2	*	100	100	0	0	0	0	0	0	0
October 2033	100	97	97	97	97	97	14	1	*	100	85	0	0	0	0	0	0	0
October 2034	100	78	78	78	78	78	10	1	*	100	47	0	0	0	0	0	0	0
October 2035	100	63	63	63	63	63	7	*	*	100	8	0	0	0	0	0	0	0
October 2036	100	50	50	50	50	50	5	*	*	100	0	0	0	0	0	0	0	0
October 2037	100	39	39	39	39	39	4	*	*	100	0	0	0	0	0	0	0	0
October 2038	100	30	30	30	30	30	2	*	*	100	0	0	0	0	0	0	0	0
October 2039	100	23	23	23	23	23	2	*	*	100	0	0	0	0	0	0	0	0
October 2040	100	17	17	17	17	17	1	*	*	100	0	0	0	0	0	0	0	0
October 2041	100	12	12	12	12	12	1	*	*	100	0	0	0	0	0	0	0	0
October 2042	100	9	9	9	9	9	*	*	*	100	0	0	0	0	0	0	0	0
October 2043	100	5	5	5	5	5	*	*	*	100	0	0	0	0	0	0	0	0
October 2044	51	3	3	3	3	3	*	*	*	100	0	0	0	0	0	0	0	0
October 2045	1	1	1	1	1	1	*	*	0	13	0	0	0	0	0	0	0	0
October 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2047	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ
Weighted Average																		
Life (years)**	27.0	19.8	19.8	19.8	19.8	19.8	13.0	8.6	6.1	27.8	16.9	10.9	2.6	2.6	2.6	1.2	0.8	0.6

					CA Clas	ss								CB Clas	s			
					Prepay sumpti									Prepay ssumpti				
Date	0%	100%	135%	155%	195%	235%	400%	600%	800%	0%	100%	135%	155%	195%	235%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	100	100	100	100	87	74	20	0	0	100	100	100	100	100	100	100	0	0
October 2019	100	100	100	100	72	45	0	0	0	100	100	100	100	100	100	0	0	0
October 2020	100	100	100	100	61	24	0	0	0	100	100	100	100	100	100	0	0	0
October 2021	100	100	100	100	54	10	0	0	0	100	100	100	100	100	100	0	0	0
October 2022	100	100	100	100	48	2	0	0	0	100	100	100	100	100	100	0	0	0
October 2023	100	100	100	100	45	0	0	0	0	100	100	100	100	100	30	0	0	0
October 2024	100	100	100	100	44	0	0	0	0	100	100	100	100	100	*	0	0	0
October 2025	100	100	100	99	43	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2026	100	100	100	96	40	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2027	100	100	100	91	38	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2028	100	100	100	85	35	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2029	100	100	100	79	31	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2030	100	100	100	73	28	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2031	100	100	92	66	25	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2032	100	100	84	59	22	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2033	100	100	75	52	18	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2034	100	100	67	46	16	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2035	100	100	58	40	13	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2036	100	91	51	34	10	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2037	100	79	43	28	8	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2038	100	68	36	23	6	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2039	100	57	29	18	4	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2040	100	46	23	14	2	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2041	100	36	17	10	1	0	0	0	0	100	100	100	100	100	0	0	0	0
October 2042	100	26	12	6	0	0	0	0	0	100	100	100	100	83	0	0	0	0
October 2043	100	17	7	3	0	0	0	0	0	100	100	100	100	55	0	0	0	0
October 2044	100	8	$\frac{2}{0}$	0	0	0	0	0	0	100	100 100	100	95 33	31	0	0	0	0
October 2045	100		0	0	0	0	0	0	0	$\frac{100}{100}$	100	51		10	0	0		
	52	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
October 2047	0	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Weighted Average																		
Life (years)**	29.0	22.8	19.5	16.8	8.0	2.1	0.7	0.4	0.3	30.0	28.3	28.0	27.8	26.3	5.8	1.3	0.7	0.6

^{*} Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

** Determined as specified under "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

		CZ Class											I	O† Clas	ss			
					Prepay sumpti									Prepay sumpti				
Date	0%	100%	135%	155%	195%	235%	400%	600%	800%	0%	100%	135%	155%	195%	235%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	103	103	103	103	103	103	103	0	0	99	94	93	92	90	88	81	73	64
October 2019	106	106	106	106	106	106	0	0	0	98	87	84	82	78	75	61	46	33
October 2020	109	109	109	109	109	109	0	0	0	96	80	75	73	68	63	45	29	17
October 2021	113	113	113	113	113	113	0	0	0	95	74	68	64	58	53	34	18	9
October 2022	116	116	116	116	116	116	0	0	0	94	68	61	57	50	44	25	11	4
October 2023	120	120	120	120	120	120	0	0	0	92	62	54	51	43	37	19	7	2
October 2024	123	123	123	123	123	123	0	0	0	90	57	49	45	37	31	14	4	1
October 2025	127	127	127	127	127	33	0	0	0	89	52	44	39	32	26	10	3	1
October 2026	131	131	131	131	131	33	0	0	0	87	47	39	35	27	22	7	2	*
October 2027	135	135	135	135	135	33	0	0	0	85	43	35	30	23	18	5	1	*
October 2028	139	139	139	139	139	33	0	0	0	83	39	31	27	20	15	4	1	*
October 2029	143	143	143	143	143	33	0	0	0	80	35	27	23	17	12	3	*	*
October 2030	148	148	148	148	148	33	0	0	0	78	32	24	20	14	10	2	*	*
October 2031	152	152	152	152	152	33	0	0	0	75	28	21	17	12	8	2	*	*
October 2032	157	157	157	157	157	33	0	0	0	73	25	18	15	10	7	1	*	*
October 2033	162	162	162	162	162	33	0	0	0	70	23	16	13	8	6	1	*	*
October 2034	166	166	166	166	166	33	0	0	0	66	20	14	11	7	4	1	*	*
October 2035	171	171	171	171	171	33	0	0	0	63	18	12	9	6	4	*	*	*
October 2036	177	177	177	177	177	33	0	0	0	59	15	10	8	5	3	*	*	*
October 2037	182	182	182	182	182	33	0	0	0	56	13	8	6	4	2	*	*	*
October 2038	188	188	188	188	188	33	0	0	0	52	11	7	5	3	2	*	*	*
October 2039	193	193	193	193	193	33	0	0	0	47	9	6	4	2	1	*	*	*
October 2040	199	199	199	199	199	33	0	0	0	43	8	5	3	2	1	*	*	*
October 2041	205	205	205	205	205	33	0	0	0	38	6	3	3	1	1	*	*	*
October 2042	212	212	212	212	212	33	0	0	0	32	4	3	2	1	*	*	*	*
October 2043	218	218	218	218	218	33	0	0	0	27	3	2	1	1	*	*	*	0
October 2044	225	225	225	225	225	33	0	0	0	21	2	1	1	*	*	*	*	0
October 2045	231	231	231	231	231	33	Ŏ	Õ	Õ	$\overline{14}$	1	*	*	*	*	*	*	Õ
October 2046	238	0	0	0	0	0	Õ	Õ	Õ	7	0	0	0	0	0	0	0	Õ
October 2047	0	Ő	ő	Õ	ő	ő	ő	ő	ő	ò	ő	ŏ	ő	ő	ő	ő	ő	ŏ
Weighted Average	,	-	,	,	,	,	9	-	9	,	-	-	-	2	2	_	-	-
Life (years)**	30.0	28.6	28.6	28.6	28.6	13.0	1.3	0.7	0.6	19.6	10.1	8.6	7.9	6.7	5.8	3.7	2.5	1.8

					M Class	s			MP Class									
					Prepay sumpti									Prepay ssumpti				
Date	0%	100%	135%	155%	195%	235%	400%	600%	800%	0%	100%	135%	155%	195%	235%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2018	99	92	90	90	90	90	90	88	76	100	100	100	100	100	100	100	100	100
October 2019	97	83	78	78	78	78	72	53	36	100	100	100	100	100	100	100	100	100
October 2020	95	74	68	68	68	68	52	30	15	100	100	100	100	100	100	100	100	100
October 2021	94	65	58	58	58	58	37	16	4	100	100	100	100	100	100	100	100	88
October 2022	92	58	49	49	49	49	25	7	0	100	100	100	100	100	100	100	100	45
October 2023	90	50	41	41	41	41	17	2	0	100	100	100	100	100	100	100	72	23
October 2024	87	44	33	33	33	33	11	0	0	100	100	100	100	100	100	100	45	11
October 2025	85	37	26	26	26	26	6	0	0	100	100	100	100	100	100	100	28	6
October 2026	83	31	21	21	21	21	2	0	0	100	100	100	100	100	100	76	17	3
October 2027	80	26	16	16	16	16	0	0	0	100	100	100	100	100	100	56	11	1
October 2028	77	20	12	12	12	12	0	0	0	100	100	100	100	100	100	41	7	1
October 2029	74	15	9	9	9	9	0	0	0	100	100	100	100	100	100	30	4	*
October 2030	71	11	6	6	6	6	0	0	0	100	100	100	100	100	100	22	3	*
October 2031	68	7	3	3	3	3	0	0	0	100	100	85	85	85	85	16	2	*
October 2032	64	3	1	1	1	1	0	0	0	100	79	69	69	69	69	12	1	*
October 2033	60	0	0	0	0	0	0	0	0	100	56	56	56	56	56	8	1	*
October 2034	56	0	0	0	0	0	0	0	0	100	45	45	45	45	45	6	*	*
October 2035	52	0	0	0	0	0	0	0	0	100	36	36	36	36	36	4	*	*
October 2036	47	0	0	0	0	0	0	0	0	100	29	29	29	29	29	3	*	*
October 2037	42	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	100	$\frac{1}{23}$	23	23	$\frac{1}{23}$	$\frac{1}{23}$	$\tilde{2}$	*	*
October 2038	37	0	0	0	0	0	0	0	0	100	18	18	18	18	18	1	*	*
October 2039	31	0	0	0	0	0	0	0	0	100	13	13	13	13	13	1	*	*
October 2040	25	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	100	10	10	10	10	10	ī	*	*
October 2041	19	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	100	7	7	7	7	7	*	*	*
October 2042	12	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	100	5	5	5	5	5	*	*	*
October 2043	4	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	91	3	š	3	š	3	*	*	*
October 2044	0	ő	ő	ő	ő	ő	ő	Õ	ő	30	$\tilde{2}$	$\tilde{2}$	$\tilde{2}$	2	$\tilde{2}$	*	*	*
October 2045	ő	ő	ő	ő	ő	ő	ő	ő	ő	1	ĩ	ĩ	ĩ	ĩ	ĩ	*	*	0
October 2046	ő	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	Ō	Ō	Ō	Ō	Ō	0	0	0	ŏ
October 2047	ő	ő	ő	ő	ő	ŏ	ŏ	ő	ő	ő	ő	ő	ő	ő	ŏ	ŏ	ŏ	ő
Weighted Average	Ü	O	O	O	O	Ü	Ů	0	O	0	O	O	0	0	Ü	Ü	Ü	v
	100	C T	F C	F C	F C	F C	9.0	0.5	1.0	00.7	17.0	175	17 5	17 5	175	11.0	7.4	F 9
Life (years)**	10.9	6.7	5.6	5.6	5.6	5.6	3.6	2.5	1.8	26.7	17.8	17.5	17.5	17.5	17.5	11.3	7.4	5.3

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

** Determined as specified under "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

† In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance

outstanding.

Characteristics of the Residual Classes

A Residual Certificate will be subject to certain transfer restrictions. See "Description of the Certificates—Special Characteristics of the Residual Certificates" and "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates" in the REMIC Prospectus.

Treasury Department regulations (the "Regulations") provide that a transfer of a "noneconomic residual interest" will be disregarded for all federal tax purposes unless no significant purpose of the transfer is to impede the assessment or collection of tax. A Residual Certificate will constitute a noneconomic residual interest under the Regulations. Having a significant purpose to impede the assessment or collection of tax means that the transferor of a Residual Certificate had "improper knowledge" at the time of the transfer. See "Description of the Certificates—Special Characteristics of the Residual Certificates" in the REMIC Prospectus. You should consult your own tax advisor regarding the application of the Regulations to a transfer of a Residual Certificate.

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

The Certificates and payments on the Certificates are not generally exempt from taxation. Therefore, you should consider the tax consequences of holding a Certificate before you acquire one. The following tax discussion supplements the discussion under the caption "Material Federal Income Tax Consequences" in the REMIC Prospectus. When read together, the two discussions describe the current federal income tax treatment of beneficial owners of Certificates. These two tax discussions do not purport to deal with all federal tax consequences applicable to all categories of beneficial owners, some of which may be subject to special rules. In addition, these discussions may not apply to your particular circumstances for one of the reasons explained in the REMIC Prospectus. You should consult your own tax advisors regarding the federal income tax consequences of holding and disposing of Certificates as well as any tax consequences arising under the laws of any state, local or foreign taxing jurisdiction.

REMIC Elections and Special Tax Attributes

We will make a REMIC election with respect to each REMIC set forth in the table under "Description of the Certificates—General—Structure." The Regular Classes will be designated as "regular interests" and the Residual Classes will be designated as the "residual interests" in the REMICs as set forth in that table. Thus, the REMIC Certificates and any related RCR Certificates generally will be treated as "regular or residual interests in a REMIC" for domestic building and loan associations, as "real estate assets" for real estate investment trusts, and, except for the Residual Classes, as "qualified mortgages" for other REMICs. See "Material Federal Income Tax Consequences—REMIC Election and Special Tax Attributes" in the REMIC Prospectus.

Taxation of Beneficial Owners of Regular Certificates

The Notional Classes and the Accrual Classes will be issued with original issue discount ("OID"), and certain other Classes of REMIC Certificates may be issued with OID. If a Class is issued with OID, a beneficial owner of a Certificate of that Class generally must recognize some taxable income in advance of the receipt of the cash attributable to that income. See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount" in the REMIC Prospectus. In addition, certain Classes of REMIC Certificates may be treated as having been issued at a premium. See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Regular Certificates Purchased at a Premium" in the REMIC Prospectus.

The Prepayment Assumptions that will be used in determining the rate of accrual of OID will be as follows:

Group	Prepayment Assumption
1	15% CPR
2	$15\%~\mathrm{CPR}$
3	170% PSA
4	195% PSA

See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—*Treatment of Original Issue Discount*" in the REMIC Prospectus. No representation is made as to whether the Mortgage Loans underlying the MBS will prepay at any of those rates or at any other rate. See "Description of the Certificates—Weighted Average Lives of the Certificates" in this prospectus supplement and "Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates" in the REMIC Prospectus.

Taxation of Beneficial Owners of Residual Certificates

The Holder of a Residual Certificate will be considered to be the holder of the "residual interest" in the related REMIC. Such Holder generally will be required to report its daily portion of the taxable income or net loss of the REMIC to which that Certificate relates. In certain periods, a Holder of a Residual Certificate may be required to recognize taxable income without being entitled to receive a corresponding amount of cash. Pursuant to the Trust Agreement, we will be obligated to provide to the Holder of a Residual Certificate (i) information necessary to enable it to prepare its federal income tax returns and (ii) any reports regarding the Residual Class that may be required under the Code. See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates" in the REMIC Prospectus.

Taxation of Beneficial Owners of RCR Certificates

The RCR Classes will be created, sold and administered pursuant to an arrangement that will be classified as a grantor trust under subpart E, part I of subchapter J of the Code. The Regular Certificates that are exchanged for RCR Certificates set forth in Schedule 1 (including any exchanges effective on the Settlement Date) will be the assets of the trust, and the RCR Certificates will represent an ownership interest of the underlying Regular Certificates. For a general discussion of the federal income tax treatment of beneficial owners of Regular Certificates, see "Material Federal Income Tax Consequences" in the REMIC Prospectus.

Generally, the ownership interest represented by an RCR certificate will be one of two types. A certificate of a Combination RCR Class (a "Combination RCR Certificate") will represent beneficial ownership of undivided interests in one or more underlying Regular Certificates. A certificate of a Strip RCR Class (a "Strip RCR Certificate") will represent the right to receive a disproportionate part of the principal or interest payments on one or more underlying Regular Certificates. All of the RCR Certificates are Combination RCR Certificates. See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of RCR Certificates" in the REMIC Prospectus for a general discussion of the federal income tax treatment of beneficial owners of RCR Certificates.

Tax Audit Procedures

The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a REMIC's tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC, appoints one person to act as its sole representative in connection with IRS audits and related procedures. In the case of a REMIC, the representative's actions, including the representative's agreeing to adjustments to taxable income, will bind Residual Owners to a greater degree than would actions of the tax matters partner ("TMP") under current rules. See "Material"

Federal Income Tax Consequences—Reporting and Other Administrative Matters" in the REMIC Prospectus for a discussion of the TMP. Further, an adjustment to the REMIC's taxable income following an IRS audit may have to be taken into account by those Residual Owners in the year in which the adjustment is made rather than in the year to which the adjustment relates, and otherwise in different and potentially less advantageous ways than under current rules. In some cases, a REMIC could itself be liable for taxes on income adjustments, although it is anticipated that each REMIC will seek to follow procedures in the new rules to avoid entity-level liability to the extent it otherwise may be imposed. The new rules, which will apply to both existing and future REMICs, are complex and likely will be clarified and possibly revised before going into effect. Residual Owners should discuss with their own tax advisors the possible effect of the new rules on them.

Foreign Investors

Beginning on January 1, 2019, a 30-percent United States withholding tax ("FATCA withholding") will apply to gross proceeds from the sale or other disposition of a Regular Certificate that are paid to a non-U.S. entity that is a "financial institution" and fails to comply with certain reporting and other requirements or to a non-U.S. entity that is not a "financial institution" but fails to disclose the identity of its direct or indirect "substantial U.S. owners" or to certify that it has no such owners. FATCA withholding currently applies to payments treated as interest on a Regular Certificate paid to such persons. Various exceptions may apply. You should consult your own tax advisor regarding the potential application and impact of this withholding tax based on your particular circumstances. See "Material Federal Income Tax Consequences—Foreign Investors" in the REMIC Prospectus.

ADDITIONAL ERISA CONSIDERATIONS

The following discussion supplements the discussion under "ERISA Considerations" in the REMIC Prospectus regarding important considerations for investors subject to ERISA or section 4975 of the Code. None of Fannie Mae, the Dealer or any of their respective affiliates (collectively, the "Transaction Parties") is undertaking to provide impartial investment advice, or to give advice in a fiduciary capacity, in connection with the acquisition of Certificates by any "plan." In addition, each beneficial owner of Certificates or any interest therein that is a plan, including any fiduciary purchasing the Certificates on behalf of a plan ("Plan Fiduciary"), will be deemed by its acquisition of the Certificates to represent that:

- If any of the Transaction Parties has provided, or will provide, advice with respect to the
 acquisition of the Certificates by the plan, it has or will provide advice only to a Plan
 Fiduciary that is independent of the Transaction Parties giving such advice, if any, and
 that is one of the following:
 - a bank as defined in Section 202 of the Investment Advisers Act of 1940 (the "Advisers Act"), or a similar institution that is regulated and supervised and subject to periodic examination by a State or federal agency;
 - an insurance carrier that is qualified under the laws of more than one State to perform the services of managing, acquiring or disposing of assets of a plan;
 - an investment adviser registered under the Advisers Act or, if not registered as an investment adviser under the Advisers Act by reason of paragraph (1) of Section 203A of the Advisers Act, registered as an investment adviser under the laws of the State in which it maintains its principal office and place of business;
 - a broker-dealer registered under the Exchange Act; or
 - a fiduciary that, for so long as the plan is invested in the Certificates, will have total assets of at least \$50,000,000 under its management or control (provided that this

requirement will not be satisfied if the Plan Fiduciary is either (i) the owner or a relative of the owner of an investing IRA or (ii) a participant or beneficiary or a relative of such participant or beneficiary of the plan investing in the Certificates in such capacity).

- 2. The Plan Fiduciary is capable of evaluating investment risks independently, both in general and with respect to particular transactions and investment strategies, including the acquisition by the plan of the Certificates.
- 3. The Plan Fiduciary is a "fiduciary" with respect to the plan within the meaning of section 3(21) of ERISA or section 4975 of the Code, or both, and is responsible for exercising independent judgment in evaluating the plan's acquisition of the Certificates.
- 4. None of the Transaction Parties has exercised any authority to cause the plan to invest in the Certificates or to negotiate the terms of the plan's investment in the Certificates.
- 5. The Plan Fiduciary has been informed by the Transaction Parties:
 - that none of the Transaction Parties is undertaking to provide impartial investment advice or to give advice in a fiduciary capacity in connection with the plan's acquisition of the Certificates; and
 - of the existence and nature of the Transaction Parties' financial interests in the plan's acquisition of the Certificates.

The foregoing representations are intended to comply with the Department of Labor's Reg. Sections 29 C.F.R. 2510.3-21(a) and (c)(1) as promulgated on April 8, 2016 (81 Fed. Reg. 20,997). If these regulations are revoked, repealed or no longer effective, these representations will be deemed to no longer be in effect.

PLAN OF DISTRIBUTION

We are obligated to deliver the Certificates to BNP Paribas Securities Corp. (the "Dealer") in exchange for the MBS. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

CREDIT RISK RETENTION

The Certificates satisfy the requirements of the Credit Risk Retention Rule (12 C.F.R. Part 1234) jointly promulgated by the Federal Housing Finance Agency ("FHFA"), the SEC and several other federal agencies. In accordance with 12 C.F.R. 1234.8(a), (i) the Certificates are fully guaranteed as to timely payment of principal and interest by Fannie Mae and (ii) Fannie Mae is operating under the conservatorship of FHFA with capital support from the United States.

EUROPEAN ECONOMIC AREA RISK RETENTION

Prospective investors whose investment activities are subject to investment laws and regulations, regulatory capital requirements or review by regulatory authorities may be subject to restrictions on investment in the certificates. Prospective investors should consult legal, tax and accounting advisers for assistance in determining the suitability of and consequences of the purchase, ownership and sale of the certificates.

The application of Articles 404-410 of the European Union Capital Requirements Regulation 575/2013 (the "EEA Risk Retention Regulation") to the certificates transaction (the "Transaction") is unclear. Our exposure to the credit risk related to the Transaction is in the form of our guaranty obligations on the certificates (the "Guaranty Obligations"). Our Guaranty Obligations

represent general unsecured obligations. Obligations similar to our Guaranty Obligations have long been a central feature to our mortgage-backed securities issuance programs and our Guaranty Obligations were undertaken in the ordinary course of our business.

In determining the extent to which the EEA Risk Retention Regulation applies to the Transaction, investors subject to the EEA Risk Retention Regulation may wish to consider the guidance appearing in the European Commission's regulatory technical standards released March 3, 2014, which provides in relevant part: "Where an entity securitizes its own liabilities, alignment of interest is established automatically, regardless of whether the final debtor collateralizes its debt. Where it is clear that the credit risk remains with the originator the retention of interest by the originator is unnecessary, and would not improve on the pre-existing position." We will remain fully liable under the Guaranty Obligations.

We do not intend to collateralize any of our credit exposure under the Guaranty Obligations or the certificates.

In order to assist Applicable Investors (as defined below) in evaluating a potential investment in the certificates, we will enter into a letter agreement (the "EEA Risk Retention Letter") on the settlement date pursuant to which we will irrevocably undertake to the certificateholders that, in connection with Article 405(1) of EU Regulation 575/2013, including the technical standards in relation thereto adopted by the European Commission, and guidelines and other materials published by the European Banking Authority in relation thereto ("Article 405(1)"), as at the origination and on an ongoing basis, so long as any certificates remain outstanding:

- we will, as originator (as such term is defined for the purpose of Article 405(1)), retain a material net economic interest (the "Retained Interest") in the exposure related to the Transaction of not less than 5%;
- neither we nor our affiliates will sell, hedge or otherwise mitigate our credit risk under or associated with the Retained Interest or the mortgage loans, except to the extent permitted in accordance with Article 405(1); accordingly, neither we nor our affiliates will, through this transaction or any subsequent transactions, enter into agreements that transfer or hedge more than a 95% pro rata share of the credit risk corresponding to any of the certificates;
- we will, upon written request and further subject to any applicable duty of confidentiality, provide such information in our possession as may reasonably be required to assist the certificateholders to satisfy the due diligence obligations set forth in Article 406 of EU Regulation 575/2013 as of the settlement date and at any time prior to maturity of the certificates;
- we will confirm to the trustee for reporting to certificateholders our continued compliance with the undertakings set out at the first and second bullet points above (which confirmation may be by email): (i) on a monthly basis; and (ii) following our determination that the performance of the certificates or the risk characteristics of the certificates or of the mortgage loans has materially changed; and
- we will promptly notify the trustee in writing if for any reason: (i) we cease to hold the Retained Interest in accordance with the first bullet point above; or (ii) we or any of our affiliates fails to comply with the covenants set out in the second and third bullet points above in any way.

"Applicable Investor" means each holder of a beneficial interest in any certificates that is (i) an EEA credit institution or investment firm, (ii) an EEA insurer or reinsurer, (iii) an EEA undertaking for collective investment in transferable securities (UCITS) or (iv) an alternative investment fund to which Directive 2011/61/EU applies.

Each prospective investor in the certificates is required independently to assess and determine whether our disclosure regarding risk retention contained in this prospectus supplement and the prospectus is sufficient for purposes of complying with any applicable risk retention requirements. Neither we nor the trustee or any other person makes any representation or provides any assurance to the effect that the information described in this prospectus supplement or in the prospectus is sufficient for such purposes. Each prospective investor in the certificates that is subject to any retention requirements should consult with its own legal, accounting and other advisors and/or its national regulator in determining the extent to which such information is sufficient for such purpose.

LEGAL MATTERS

Katten Muchin Rosenman LLP will provide legal representation for Fannie Mae. K&L Gates LLP will provide legal representation for the Dealer.

Assumed Characteristics of the Mortgage Loans Underlying the Group 1 MBS (As of October 1, 2017)

Issu Dat Unpa Princi Balan	e id pal I	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor (%)		Rate Reset Frequency (in months)	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$ 2	26.55	2.950	3.625	360	113	247	2.750	非市市	2.000	13.6250	2.7500	5	12	12	N/A	1-YEAR CMT
	32.57	3.724	4.250	360	120	240	3.000	非维维	2.000	11.7444	3.0000	12	12	12	N/A	1-YEAR CMT
	57.90	3.036	3.659	360	112	248	2.763	10:10:10:10:	2.000	13.9246	2.7630	4	12	12	N/A	1-YEAR CMT
	77.05	3.848	4.250	360	95	265	3.000	非市市	2.000	13.0755	3.0000	11	12	12	N/A	1-YEAR CMT
1,96	33.16	3.725	4.125	360	106	254	3.000	101 101 101	2.000	13.2000	3.0000	10	12	12	N/A	1-YEAR CMT
2,46	39.64	2.730	3.375	360	145	215	2.750	排除体	2.000	13.0000	2.7500	1	12	12	N/A	1-YEAR CMT
2,60	08.59	3.325	4.000	360	118	242	2.875	10/11/01/01	2.000	12.5866	2.8750	10	12	12	N/A	1-YEAR CMT
	30.72	2.843	3.375	360	145	215	2.750	非常非	2.000	13.1000	2.7500	1	12	12	N/A	1-YEAR CMT
	33.72	2.841	3.376	360	181	179	2.750	· · · · · ·	2.000	11.2500	2.7500	1	12	12	N/A	1-YEAR CMT
	91.05	3.429	3.988	360	168	192	2.750	***	2.000	11.1391	2.7500	12	12	12	N/A	1-YEAR CMT
	58.41 54.82	3.300 3.348	3.875 3.750	360 351	172 85	188 266	3.000 3.000	***	2.000 2.000	11.3750 13.8750	3.0000 3.0000	4 6	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
	19.87	2.678	3.426	360	182	178	2.750	***	2.000	10.4289	2.7500	2	12	12	N/A	1-YEAR CMT
	37.70	3.165	3.705	360	193	167	2.749	非维维	2.000	9.9924	2.7490	7	12	12	N/A	1-YEAR CMT
	51.45	3.363	3.875	360	178	182	2.750	10:10:10:10:	2.000	11.1979	2.7500	10	12	12	N/A	1-YEAR CMT
	38.10	3.090	3.625	360	184	176	2.750	10 10 10	2.000	10.6250	2.7500	4	12	12	N/A	1-YEAR CMT
	52.15	3.152	3.682	360	199	161	2.750	非常非	2.000	9.0249	2.7500	7	12	12	N/A	1-YEAR CMT
	03.80	3.083	3.625	360	184	176	2.750	10/11/01/01	2.000	10.6250	2.7500	4	12	12	N/A	1-YEAR CMT
	29.13	2.739	3.497	360	207	153	2.765	非常非	2.000	9.9168	2.7650	3	12	12	N/A	1-YEAR CMT
	94.54	2.891	3.642	360	130	230	2.750	***	2.000	12.1250	2.7500	6	12	12	N/A	1-YEAR CMT
	13.38	2.900	3.375	360	181	179	2.750	· · · · · ·	2.000	10.1250	2.7500	1	12	12	N/A	1-YEAR CMT
	30.82	2.969	3.594	360 360	186	174	2.750	***	2.000	9.7844	2.7500	6 10	12 12	12	N/A N/A	1-YEAR CMT
	75.32 06.42	3.340 2.902	3.875 3.500	360	178 150	182 210	2.750 2.750	***	2.000 2.000	11.5000 13.7500	2.7500 2.7500	6	12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
	09.03	3.416	3.951	360	191	169	2.750	aje aje aje	2.000	9.8074	2.7500	11	12	12	N/A	1-YEAR CMT
	39.49	3.365	3.875	360	190	170	2.750	非维维	2.000	9.4290	2.7500	10	12	12	N/A	1-YEAR CMT
	31.49	3.197	3.657	360	180	180	2.750	继续	2.000	10.2627	2.7500	6	12	12	N/A	1-YEAR CMT
	98.36	2.934	3.500	360	186	174	2.750	10 10 10	2.000	9.8024	2.7500	6	12	12	N/A	1-YEAR CMT
	33.62	3.277	3.875	360	151	209	2.875	非市市	2.000	12.2500	2.8750	7	12	12	N/A	1-YEAR CMT
	34.73	3.220	3.880	360	236	124	2.751	非常非	2.000	11.2614	2.7510	10	12	12	N/A	1-YEAR CMT
	58.93	3.210	3.750	360	152	208	2.750	***	2.000	13.7500	2.7500	8	12	12	N/A	1-YEAR CMT
	39.49	3.253	3.788	360	180	180	2.750	***	2.000	10.1666	2.7500	8	12	12	0	1-YEAR CMT
	39.61 37.76	3.000 3.160	3.625 3.632	360 360	184 148	176 212	2.750 2.758	***	2.000 2.000	10.4114 12.3422	2.7500 2.7580	4 5	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
	31.00	3.160	3.655	360	178	182	2.755	***	2.000	12.3422	2.7550	6	12	12	N/A N/A	1-YEAR CMT 1-YEAR CMT
	13.06	3.158	3.773	360	188	172	2.750	10.10.10.10	2.000	9.6333	2.7500	8	12	12	N/A	1-YEAR CMT
10,25		2.649	3.395	360	181	179	2.619	非未收	2.000	10.3946	2.6190	4	12	12	N/A	1-YEAR CMT
10,45		3.415	3.968	360	191	169	2.750	10:10:10:	2.000	10.0584	2.7500	11	12	12	N/A	1-YEAR CMT
10,58	36.06	3.100	3.726	360	187	173	2.750	100 100 100	2.000	9.7213	2.7500	7	12	12	N/A	1-YEAR CMT
10,88	37.19	3.125	3.750	360	188	172	2.750	10/11/01/01	2.000	8.5000	2.7500	8	12	12	N/A	1-YEAR CMT
10,92		3.212	3.830	360	131	229	2.839	非常非	2.000	12.7954	2.8390	7	12	12	N/A	1-YEAR CMT
10,96		3.208	3.823	360	189	171	2.750	· · · · · ·	2.000	9.4204	2.7500	9	12	12	N/A	1-YEAR CMT
11,36		3.188	3.786	360	189	171	2.750	***	2.000	9.3039	2.7500	9	12	12	N/A	1-YEAR CMT
11,97		3.063 3.260	3.598 3.875	360 360	184 177	176 183	2.750 2.750	***	2.000 2.000	10.2326	2.7500 2.7500	4 9	12 12	12 12	0 N/A	1-YEAR CMT 1-YEAR CMT
13,56 13,65		3.380	3.875	360	167	193	2.750	***	2.000	10.3750 10.9242	2.7500	11	12	12	N/A N/A	1-YEAR CMT 1-YEAR CMT
14,42		3.159	3.777	360	107	253	2.724	10.10.10.10	2.000	12.1038	2.7240	8	12	12	N/A	1-YEAR CMT
14,59		3.025	3.500	360	183	177	2.750	未未未	2.000	10.3750	2.7500	3	12	12	N/A	1-YEAR CMT
15,76		3.172	3.750	360	199	161	2.750	继续	2.000	9.6603	2.7500	7	12	12	N/A	1-YEAR CMT
15,91		3.413	3.948	360	95	265	2.750	非常非	2.000	12.5041	2.7500	11	12	12	N/A	1-YEAR CMT
17,58		3.184	3.849	360	77	283	2.974	10/11/01/01	2.000	10.1983	2.9740	5	12	12	N/A	1-YEAR CMT
18,78		2.836	3.474	360	183	177	2.750	***	2.000	11.3431	2.7500	3	12	12	N/A	1-YEAR CMT
18,88		3.338	4.000	360	180	180	2.750	***	2.000	6.9270	2.7500	12	12	12	N/A	1-YEAR CMT
19,28		3.108	3.875	360	153	207	2.750	· · · · · ·	2.000	14.2500	2.7500	9	12	12	N/A	1-YEAR CMT
20,45		3.398	3.875	360	189	171	2.750	非市市	2.000	8.6860	2.7500	9	12	12	N/A	1-YEAR CMT
20,67 20,73		3.525 2.997	4.000 3.516	360 360	179 187	181 173	2.750 2.765	***	2.000 2.000	10.6250 10.3217	2.7500 2.7650	11 4	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
21,00		3.072	3.532	360	185	175	2.750	***	2.000	9.7272	2.7500	5	12	12	N/A	1-YEAR CMT
21,09		2.957	3.435	360	182	178	2.750	非常非	2.000	9.9085	2.7500	2	12	12	N/A	1-YEAR CMT

Issue Date Unpaid Principal Balance	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor (%)	Months	Frequency	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$ 21,338.10	3.400	3.875	360	178	182	2.750	非申申	2.000	10.6379	2.7500	10	12	12	N/A	1-YEAR CMT
21,577.48	3.113	3.698	360	197	163	2.875	***	2.000	10.1409	2.8750	5	12	12	N/A	1-YEAR CMT
21,964.61 22,334.55	3.340 3.481	3.875 3.958	360 360	190 191	170 169	2.750 2.750	***	2.000 2.000	10.2373 9.4626	2.7500 2.7500	10 11	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
22,379.56	2.840	3.375	360	181	179	2.750	排車車	2.000	10.7705	2.7500	1	12	12	N/A	1-YEAR CMT
22,407.13	3.065	3.542	360	184	176	2.750	· · · · · · · · · · · · · · · · · · ·	2.000 2.000	9.9394	2.7500	4	12	12	N/A	1-YEAR CMT
23,821.63 23,883.42	3.400 2.401	3.875 3.651	360 426	178 75	182 352	2.750 2.750	***	1.000	10.7779 12.8793	2.7500 1.3793	10 2	12 6	12 6	N/A N/A	1-YEAR CMT 6-MONTH AUCTION AVG (INVESTMENT RATE)
24,000.55	3.485	3.750	360	224	136	2.750	非申申	2.000	10.8750	2.7500	8	12	12	N/A	1-YEAR CMT
25,124.34 27,196.22	3.170 3.275	3.625 3.750	360 360	196 199	164 161	2.750 2.750	***	2.000 2.000	9.6432 10.5021	2.7500 2.7500	4	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
27,382.46	3.374	4.000	360	179	181	2.750	非市市	2.000	6.9392	2.7500	11	12	12	N/A	1-YEAR CMT
27,411.40	3.148	3.695	360	186	174	2.763	· · · · · · ·	2.000	11.0515	2.7630	6	12	12	N/A	1-YEAR CMT
29,275.05 30,850.12	2.963 3.070	3.561 3.605	360 360	198 185	162 175	2.750 2.750	***	2.000 2.000	9.8645 10.7119	2.7500 2.7500	6 5	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
34,576.36	3.260	3.875	360	142	218	2.750	***	2.000	12.3750	2.7500	10	12	12	N/A	1-YEAR CMT
36,834.50 39,872.68	3.340 3.040	3.875 3.500	360 360	190 186	170 174	2.750 2.750	· · · · · · · · · · · · · · · · · · ·	2.000 2.000	10.0654 9.4778	2.7500 2.7500	10 6	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
41,752.59	3.632	4.413	360	110	250	2.768	非非非	2.000	13.5759	2.7680	37	60	60	N/A	5-YEAR CMT
42,305.15	3.194	3.671	360	198	162	2.750	altraltralt	2.000	9.6961	2.7500	6	12	12	N/A	1-YEAR CMT
42,326.58 45,201.35	3.033 3.393	3.706 3.875	360 360	187 190	173 170	2.750 2.750	***	2.000 2.000	9.9475 9.8305	2.7500 2.7500	7 10	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
45,428.75	3.220	3.750	360	199	161	2.750	排車車	2.000	10.1112	2.7500	7	12	12	N/A	1-YEAR CMT
45,636.37 48,632.05	3.465 3.260	4.125 3.875	360 480	151 310	209 170	3.100 2.750	***	2.000 2.000	12.4490 9.8750	3.1000 2.7500	8 10	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
51,765.35	3.290	3.895	360	168	192	2.785	***	2.000	9.8750	2.7850	9	12	12	N/A N/A	1-YEAR CMT
55,074.41	3.393	3.875	360	189	171	2.750	非申申	2.000	10.1250	2.7500	9	12	12	N/A	1-YEAR CMT
55,436.90 58,905.90	2.869 3.051	3.500 3.567	360 360	183 185	177 175	2.750 2.750	· · · · · · ·	2.000 2.000	11.8293 10.3252	2.7500 2.7500	3 5	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
59,444.83	3.090	3.625	360	185	175	2.750	非非非	2.000	10.3750	2.7500	5	12	12	N/A	1-YEAR CMT
62,650.14	3.525	4.000	360	179	181	2.750	***	2.000	10.4051	2.7500	11	12	12	N/A	1-YEAR CMT
65,808.42 66,709.96	3.135 3.023	3.615 3.500	360 360	91 183	269 177	2.762 2.750	***	1.000 2.000	12.0883 10.0623	2.7617 2.7500	5 3	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
70,185.72	2.778	3.553	360	185	175	2.750	非非非	2.000	9.5429	2.7500	7	12	12	N/A	1-YEAR CMT
71,978.74 75,135.67	2.840 3.012	3.375 3.475	360 360	182 195	178 165	2.750 2.750	· · · · · · ·	2.000 2.000	10.8278 9.9261	2.7500 2.7500	2	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
79,627.19	3.398	3.875	360	189	171	2.750	推推推	2.000	9.0445	2.7500	9	12	12	N/A	1-YEAR CMT
88,132.29	3.347	3.875	360	201	159	2.750	altraltralt	2.000	10.2500	2.7500	9	12	12	N/A	1-YEAR CMT
89,355.28 90,141.21	3.332 3.177	3.877 3.738	360 360	190 187	170 173	2.750 2.759	***	2.000 2.000	9.6817 10.2070	2.7500 0.0001	10 7	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
91,192.25	2.982	3.589	360	174	186	2.750	非申申	2.000	12.4918	2.7500	6	12	12	N/A	1-YEAR CMT
100,665.20 106,978.45	2.929 3.293	3.625 3.683	360 360	173 191	187 169	2.750 2.750	***	2.000 2.000	12.0062 9.6030	2.7500 2.7500	5 6	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
120,736.02	3.393	3.875	360	202	158	2.750	非市市	2.000	9.9077	2.7500	10	12	12	N/A	1-YEAR CMT
121,646.20	3.215	3.750	360	188	172	2.750	***	2.000	10.9221	2.7500	8	12	12	N/A	1-YEAR CMT
129,007.32 136,353.09	2.890 3.399	4.170 3.837	360 360	197 213	163 147	3.259 2.750	***	2.000 2.000	10.6982 10.2291	3.2590 2.7500	6 9	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
140,204.13	3.237	3.841	360	189	171	2.750	非申申	2.000	9.5610	2.7500	9	12	12	N/A	1-YEAR CMT
141,977.15 142,307.75	3.526 3.308	4.061 3.750	360 360	72 211	288 149	2.888 2.750	· · · · · · ·	1.000 2.000	11.2215 10.5553	2.8880 2.7500	5 7	6 12	6 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
152,679.11	3.340	3.875	360	189	171	2.750	非非非	2.000	10.5555	2.7500	9	12	12	N/A	1-YEAR CMT
154,092.88	3.290	3.750	360	188	172	2.750	· · · · · · ·	2.000	9.3725	2.7500	8	12	12	N/A	1-YEAR CMT
155,975.34 157,845.62	3.168 3.081	3.875 3.637	360 360	214 217	146 143	2.750 2.756	***	2.000 2.000	10.4714 10.6892	2.7500 2.7560	10 6	12 12	12 12	0 N/A	1-YEAR CMT 1-YEAR CMT
167,488.83	2.830	3.780	359	207	152	2.757	排車車	2.000	9.6977	2.7570	8	12	12	N/A	1-YEAR CMT
185,802.04 185,831.55	3.275 2.703	3.730 3.832	360 360	199 189	161 171	2.750	***	2.000 2.000	9.2873	2.7500 2.7500	7 9	12 12	12 12	N/A	1-YEAR CMT
194,263.76	3.225	3.778	360	145	215	2.750 2.750	非申申	2.000	11.3144 13.2902	2.7500	8	12	12	N/A N/A	1-YEAR CMT 1-YEAR CMT
194,442.97	3.335	4.000	360	180	180	2.750	排除除	2.000	10.5791	2.7500	12	12	12	N/A	1-YEAR CMT
203,222.37 214,164.95	2.650 3.182	3.401 3.747	360 360	206 186	154 174	2.750 2.755	***	2.000 2.000	9.8039 10.5379	2.7500 2.7550	2	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
249,033.87	3.346	3.726	360	193	167	2.750	非申申	2.000	9.5910	2.7500	7	12	12	N/A	1-YEAR CMT
266,821.44	3.531	3.972	360	191	169	2.750	· · · · · · ·	2.000	10.0639	2.7500	11	12	12	N/A	1-YEAR CMT
301,291.35 322,904.54	3.176 3.180	3.718 3.726	360 360	193 190	167 170	2.770 2.750	***	2.000 2.000	10.3748 10.0700	0.0001 2.7500	7 7	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
351,549.46	3.063	3.660	360	196	164	2.750	***	2.000	10.4176	2.7500	6	12	12	N/A	1-YEAR CMT
366,210.79 368,219.51	2.898 3.109	3.375 3.720	360 360	205 195	155 165	2.750 2.821	***	2.000 2.000	10.4955 10.4256	2.7500 2.8210	1 6	12 12	12 12	N/A N/A	1-YEAR CMT 1-YEAR CMT
372,656.83	3.246	3.762	360	191	169	2.750	非申申	2.000	9.8605	2.7500	8	12	12	N/A	1-YEAR CMT

Issue Date Unpaid Principal Balance	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor (%)	Months to Rate	Rate Reset Frequency (in months)	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$ 388,641.57	3.547	3.985	360	215	145	2.750	非市市	2.000	10.4289	2.7500	11	12	12	N/A	1-YEAR CMT
419,223.23	3.398	3.875	360	189	171	2.750	非市市	2.000	9.5316	2.7500	9	12	12	N/A	1-YEAR CMT
467,750.85	3.130	3.725	345	178	167	2.792	非市市	2.000	11.4028	2.7920	7	12	12	N/A	1-YEAR CMT
492,291.28	3.050	3.668	360	206	154	2.791	10/2 10/2 10/2	2.000	10.7211	2.7910	6	12	12	N/A	1-YEAR CMT
533,346.29	3.250	3.805	360	83	277	2.889	10/2 10/2 10/2	2.000	11.2289	2.8890	7	12	12	N/A	1-YEAR CMT
793,438.68	3.275	3.905	360	214	146	2.767	非维维	2.000	10.6695	2.7670	10	12	12	N/A	1-YEAR CMT
1,040,233.03	3.038	3.578	360	208	152	2.750	非维维	2.000	9.9851	2.7500	4	12	12	0	1-YEAR CMT
1,163,657.68	3.312	3.839	360	213	147	2.750	非维维	2.000	10.1837	2.7500	9	12	12	0	1-YEAR CMT
1,986,590.44	3.090	3.636	359	193	166	2.750	非维维	2.000	10.1211	2.7500	5	12	12	N/A	1-YEAR CMT
2,034,569.62	3.237	3.744	360	199	161	2.750	非维维	2.000	10.6733	2.7500	7	12	12	N/A	1-YEAR CMT
2,173,085.66	3.249	3.960	360	201	159	2.957	非维维	2.000	10.8451	2.9570	7	12	12	N/A	1-YEAR CMT
2,782,269.42	3.200	3.718	360	216	144	2.754	非维维	2.000	10.6763	2.7540	7	12	12	N/A	1-YEAR CMT
2,894,907.00	3.189	3.787	360	199	161	2.807	非维维	2.000	10.1447	2.8070	7	12	12	N/A	1-YEAR CMT
3,493,056.15	3.227	3.762	360	197	163	2.756	非维维	2.000	10.7225	2.7560	8	12	12	N/A	1-YEAR CMT
3,726,823.24	3.013	3.559	360	206	154	2.748	非常收	2.000	10.2325	2.7480	4	12	12	0	1-YEAR CMT
3,828,572.41	3.101	3.647	360	199	161	2.751	非常收	2.000	10.3260	0.0059	6	12	12	N/A	1-YEAR CMT
4,173,226.93	3.364	3.867	360	189	171	2.750	非常收	2.000	9.8393	2.7500	9	12	12	N/A	1-YEAR CMT

^{*} The "Net Mortgage Rate" of a Hybrid ARM Loan is equal to its then current interest rate less the sum of the related servicing fee and our guaranty fee (expressed in each case as an annual percentage).

Expected ARM MBS Pools in Group 1 (As of October 1, 2017)

The pool numbers of the Group 1 MBS expected to be included in the Lower Tier REMIC are listed below:

Pool Number	Issue Date Unpaid Principal Balance	
374920	\$ 26.55	
313993	82.57	
313762	457.90	
325074	777.05	
356310	1,963.16	
559329	2,469.64	
313925	2,608.59	
524275	2,730.72	
675282	3,163.72	
545460	3,291.05	
637867	3,368.41	
328906	3,664.82	
681790	3,849.87	
888627	4,437.70	
660378	4,951.45	
689215	5,138.10	
733150	5,252.15	
694294	5,703.80	
773245	5,729.13	

^{**} For a description of these Indices, see "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)—ARM Indices" in the MBS Prospectus.

*** We have assumed that all applicable initial fixed-rate periods have expired and that all initial rate adjustments have occurred.

Pool Number	Issue Date Unpaid Principal Balance
576212	\$ 5,994.54
657934	6,013.38
711927	6,230.82
652971	6,275.32
534981	6,306.42
733093	6,309.03
737612	7,069.49
656928	7,361.49
703953	7,898.36
539431	8,633.62
995108	8,834.73
510284	8,958.93
658893	9,439.49
693350	9,539.61
535342	9,567.76
745613	9,581.00
699531	9,813.06
681784	10,250.30
753452	10,453.99
723647	10,586.06
730943	10,887.19
545182	10,929.41
724254	10,966.84
729732	11,367.88
686011	11,976.12
655838	$13,\!562.31$
608116	13,653.22
489786	$14,\!428.51$
690038	$14,\!596.62$
778862	15,767.66
338358	15,917.67
265722	17,581.69
682944	18,784.38
676823	18,887.04
551056	19,282.19
722493	$20,\!459.69$
657717	20,671.21
745445	20,734.83
687125	21,001.75
671022	21,096.48
653974	21,338.10
769418	21,577.48
729089	21,964.61
658543	22,334.55
675285	$22,\!379.56$
695984	22,407.13
653894	23,821.63
089408	23,883.42
872828	24,000.55
767536	25,124.34
778921	27,196.22
664885	27,382.46
888509	27,411.40
774473	$29,\!275.05$

Pool Number	Issue Date Unpaid Principal Balance
696469	\$ 30,850.12
508456	э 30,650.12 34,576.36
729090	36,834.50
694798	39,872.68
422274	41,752.59
764169	42,305.15
709053	42,326.58
658500	45,201.35
729175	45,428.75
567794	45,636.37
746477	48,632.05
545356	51,765.35
722494	55,074.41
683027	55,436.90
725253	58,905.90
689225	59,444.83
654066	62,650.14
414331	$65,\!808.42$
671152	66,709.96
708220	$70,\!185.72$
675303	71,978.74
888513	75,135.67
722563	79,627.19
805191	88,132.29
748077	89,355.28
995716	90,141.21
645939 642268	91,192.25
841068	100,665.20 $106,978.45$
791972	120,736.02
710552	121,646.20
797889	129,007.32
823046	136,353.09
725692	140,204.13
538505	141,977.15
815635	142,307.75
729077	152,679.11
705716	154,092.88
837329	155,975.34
AL1157	157,845.62
AC3038	$167,\!488.83$
777133	185,802.04
732002	185,831.55
535358	194,263.76
664752	194,442.97
781578	203,222.37
745918	214,164.95
977065	249,033.87
751452 AD0880	266,821.44 301,291.35
555990	322,904.54
AD0262	351,549.46
798799	366,210.79
888850	368,219.51
00000	000,210.01

Pool Number	Issue Date Unpaid Principal Balance
888455	\$ 372,656.83
838466	388,641.57
722557	419,223.23
AL5291	467,750.85
889879	492,291.28
534988	533,346.29
829317	793,438.68
783586	1,040,233.03
AL0735	1,163,657.68
AL0285	1,986,590.44
AL5840	2,034,569.62
AL8493	2,173,085.66
AL5106	2,782,269.42
725850	2,894,907.00
AL8476	3,493,056.15
AL3080	3,726,823.24
AL6149	3,828,572.41
BM1364	4,173,226.93

Assumed Characteristics of the Mortgage Loans Underlying the Group 2 MBS (As of October 1, 2017)

Issue Date Unpaid Principal Balance	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor (%)	Months to Rate Change	Rate Reset Frequency (in months)	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$ 4,680.37	4.125	4.375	360	187	173	2.500	***	2.000	10.1250	2.5000	7	12	12	N/A	WSJ 1-YEAR LIBOR
5,721.23	3.755	4.000	360	248	112	2.250	***	2.000	10.8750	2.2500	8	12	12	N/A	WSJ 1-YEAR LIBOR
9,577.65	3.605	4.250	480	312	168	2.500	***	2.000	10.3750	2.5000	12	12	12	N/A	WSJ 1-YEAR LIBOR
10,539.50	3.500	4.000	360	249	111	2.250	***	2.000	10.8750	2.2500	9	12	12	N/A	WSJ 1-YEAR LIBOR
14,767.51	2.813	3.500	360	202 183	158 177	$2.000 \\ 2.250$	***	$\frac{1.000}{2.000}$	10.4057 11.0568	2.0000 2.2500	4	$6\\12$	$\frac{6}{12}$	0 N/A	WSJ 6-MONTH LIBOR
15,514.65 17.688.15	3.197 3.230	3.875 3.875	360 360	183	177	2.250 2.250	***	2.000	11.0568	2.2500 2.2500	3	12	12	N/A N/A	WSJ 1-YEAR LIBOR WSJ 1-YEAR LIBOR
25,128.02	3.230 3.210	4.125	360	212	148	2.250 2.750	***	1.000	12.2119	2.2500 2.7500	2	6	6	N/A N/A	WSJ 6-MONTH LIBOR
26,011.17	3.150	3.978	360	209	151	2.258	***	2.000	11.3282	2.7500 2.2580	5	12	12	0	WSJ 1-YEAR LIBOR
28,894.60	3.370	4.000	360	186	174	2.250	***	2.000	10.7500	2.2500	6	12	12	0	WSJ 1-YEAR LIBOR
33,935.07	3.394	4.036	360	224	136	2.266	***	2.000	12.2351	2.2660	8	12	12	N/A	WSJ 1-YEAR LIBOR
35,349.02	2.918	3.453	360	192	168	2.000	***	2.000	10.5321	2.0000	4	6	6	0	WSJ 6-MONTH LIBOR
38,356.55	3.636	4.173	360	274	86	2.410	***	2.000	9.3943	2.4100	10	12	12	34	WSJ 1-YEAR LIBOR
40,990.89	3.424	4.053	360	212	148	2.250	***	2.000	11.2697	2.2500	8	12	12	0	WSJ 1-YEAR LIBOR
42,056.76	3.323	3.968	360	207	153	2.250	***	2.000	10.8124	2.2500	5	12	12	0	WSJ 1-YEAR LIBOR
46,485.18	3.346	4.000	360	200	160	2.250	***	2.000	11.4574	2.2500	8	12	12	0	WSJ 1-YEAR LIBOR
47,591.86	3.457	4.138	360	230	130	2.438	***	2.000	11.3697	2.4380	5	12	12	N/A	WSJ 1-YEAR LIBOR
47,620.70	3.476	4.079	360	199	161	2.250	***	2.000	10.5265	2.2500	7	12	12	0	WSJ 1-YEAR LIBOR
49,274.85	3.505	4.130	360	202	158	2.375	***	2.000	9.9886	2.3750	10	12	12	N/A	WSJ 1-YEAR LIBOR
49,702.62	3.600	3.982	360	221	139	2.250	***	2.000	12.1255	2.2500	5	12	12	N/A	WSJ 1-YEAR LIBOR
50,116.40	3.478	3.908	480	349	131	2.250	***	2.000	11.4419	2.2500	5	12	12	N/A	WSJ 1-YEAR LIBOR
52,431.43	3.208	3.879	360	219	141	2.250	***	2.000	10.8318	2.2500	3	12	12	N/A	WSJ 1-YEAR LIBOR
53,614.78	2.985	4.002	360	209	151	2.250	***	2.000	12.0720	2.2500	5	12	12	0	WSJ 1-YEAR LIBOR
54,394.28	3.237	3.957	360	216	144	2.262	***	2.000	10.5930	2.2620	6	12	12	1	WSJ 1-YEAR LIBOR
63,021.07	3.451	4.098	360	211	149	2.250	***	2.000	11.3711	2.2500	7	12	12	0	WSJ 1-YEAR LIBOR
63,227.15	3.616	4.431	360	228	132	2.750	***	2.000	11.3443	2.7500	9	12	12	N/A	WSJ 1-YEAR LIBOR
65,040.01	3.351	3.997	360	216	144	2.264	***	2.000	10.6901	2.2640	6	12	12	0	WSJ 1-YEAR LIBOR
69,252.81 77,839.31	3.393	4.113	360 360	$\frac{236}{224}$	124	2.363	***	2.000	11.4838	2.3630	$\frac{8}{2}$	$\frac{12}{6}$	12 6	0	WSJ 1-YEAR LIBOR
79,518.55	$2.750 \\ 3.385$	$3.375 \\ 4.000$	360 360	189	136 171	$2.000 \\ 2.250$	***	$\frac{1.000}{2.000}$	11.3157 9.7500	2.0000 2.2500	9	12	12	N/A	WSJ 6-MONTH LIBOR WSJ 1-YEAR LIBOR
89,291.69	4.182	4.625	360	214	146	2.250 2.875	***	2.000	11.1100	2.2500 2.8750	10	12	12	0	WSJ 1-YEAR LIBOR
95,983.88	3.462	$\frac{4.025}{3.971}$	360	212	147	2.267	***	2.000	10.3066	2.2670	5	12	12	N/A	WSJ 1-YEAR LIBOR
96,269.94	3.326	4.000	360	211	149	2.250	***	2.000	10.5061	2.2500	9	12	12	N/A	WSJ 1-YEAR LIBOR
98,870.96	3.560	4.000	360	209	151	2.250	***	2.000	10.1261	2.2500	5	12	12	N/A	WSJ 1-YEAR LIBOR
99,003.14	3.695	4.000	360	221	139	2.250	***	2.000	10.8882	2.2500	5	12	12	N/A	WSJ 1-YEAR LIBOR
99,229.20	3.492	4.307	360	229	131	2.750	***	2.000	11.7424	2.7500	3	12	12	0	WSJ 1-YEAR LIBOR
100,222.31	3.275	4.028	360	203	157	2.285	***	2.000	10.0067	2.2850	7	12	12	N/A	WSJ 1-YEAR LIBOR
105,685.39	3.101	3.978	360	208	152	2.250	***	2.000	10.5636	2.2500	4	12	12	0	WSJ 1-YEAR LIBOR
106,401.01	3.500	4.105	360	197	163	2.355	***	2.000	10.1986	2.3550	5	12	12	N/A	WSJ 1-YEAR LIBOR
106,871.68	3.617	4.000	360	226	134	2.250	***	2.000	11.5731	2.2500	10	12	12	N/A	WSJ 1-YEAR LIBOR
112,325.38	3.378	4.005	360	192	168	2.250	***	2.000	10.6482	2.2500	7	12	12	N/A	WSJ 1-YEAR LIBOR
114,568.00	3.495	4.694	360	226	134	2.944	***	2.000	11.9062	2.9440	10	12	12	N/A	WSJ 1-YEAR LIBOR
115,961.65	3.479	3.962	360	220	140	2.258	***	2.000	10.7883	2.2580	5	12	12	N/A	WSJ 1-YEAR LIBOR
117,141.48	3.435	3.875	360	278	82	2.250	***	2.000	8.5666	2.2500	2	12	12	N/A	WSJ 1-YEAR LIBOR

Issue Date Unpaid Principal Balance	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin (%)	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor (%)	Months to Rate Change	Rate Reset Frequency (in months)	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$ 124,681.60	2.883	3.500	360	184	176	2.000	***	1.000	10.0000	2.0000	4	6	6	0	WSJ 6-MONTH LIBOR
155,944.79	3.171	3.858	360	218	142	2.250	***	2.000	12.0451	2.2500	2	12	12	N/A	WSJ 1-YEAR LIBOR
157,929.61	3.293	3.875	360	195	165	2.250	***	2.000	11.0258	2.2500	3	12	12	0	WSJ 1-YEAR LIBOR
161,387.42	3.605	4.000	360	272	88	2.250 2.250	***	2.000	9.4522	2.2500 2.2500	8	12	12	N/A	WSJ 1-YEAR LIBOR
164,169.70	3.405	4.000	360	246	114	2.250	***	2.000	10.3500	2.2500	6	12	12	N/A	WSJ 1-YEAR LIBOR
178,982.63	3.630	4.128	360	226	134	2.371	***	2.000	11.2443	2.3710	10	12	12	N/A	WSJ 1-YEAR LIBOR
216,359.04	3.481	3.891	360	267	93	2.249	***	2.000	9.0457	2.2490	4	12	12	N/A	WSJ 1-YEAR LIBOR
218,726.70	3.399	4.000	360	201	159	2.250	***	2.000	10.7056	2.2500	9	12	12	N/A	WSJ 1-YEAR LIBOR
241,132.10	3.465	4.000	360	180	180	2.250	***	2.000	9.7626	2.2500	12	12	12	N/A	WSJ 1-YEAR LIBOR
243,287.61	3.605	4.125	360	212	148	2.250	***	2.000	10.5887	2.2500	8	12	12	0	WSJ 1-YEAR LIBOR
253,537.59	3.455	4.000	360	263	97	2.250	***	2.000	9.3503	2.2500	11	12	12	N/A	WSJ 1-YEAR LIBOR
255,693.58	2.715	4.375	360	206	154	2.799	***	2.000	11.0826	2.7990	2	12	12	0	WSJ 1-YEAR LIBOR
265,009.31	3.400	3.980	360	204	156	2.250	***	2.000	10.0984	2.2500	10	12	12	0	WSJ 1-YEAR LIBOR
267,789.14	3.544	4.153	360	212	148	2.376	***	2.000	10.6043	2.3760	8	12	12	0	WSJ 1-YEAR LIBOR
269,108.62	3.102	3.894	360	192	168	2.250	***	2.000	10.3448	2.2500	7	12	12	N/A	WSJ 1-YEAR LIBOR
269,910.65	3.504	3.999	360	241	119	2.261	***	2.000	10.2486	2.2610	9	12	12	N/A	WSJ 1-YEAR LIBOR
282,075.97	3.303	3.980	360	197	163	2.269	***	2.000	10.1335	0.2807	7	12	12	N/A	WSJ 1-YEAR LIBOR
311,431.30	3.362	4.024	360	208	152	2.250	***	2.000	10.6456	2.2500	8	12	12	N/A	WSJ 1-YEAR LIBOR
318,427.81	3.287	3.944	360	207	153	2.312	***	2.000	10.4610	2.3120	4	12	12	N/A	WSJ 1-YEAR LIBOR
334,471.10	3.417	4.072	360	197	163	2.385	***	2.000	10.1827	2.3850	5	12	12	N/A	WSJ 1-YEAR LIBOR
334,604.64	3.404	4.006	360	202	158	2.273	***	2.000	10.0522	0.0676	6	12	12	N/A	WSJ 1-YEAR LIBOR
358,903.97	3.469	4.027	359	199	160	2.283	***	2.000	10.0945	2.2830	7	12	12	0	WSJ 1-YEAR LIBOR
364,620.14	3.380	3.880	360	207	153	2.250	***	2.000	10.2903	2.2500	3	12	12	N/A	WSJ 1-YEAR LIBOR
405,046.11	2.981	3.936	358	202	156	2.250	***	2.000	9.7655	2.2500	6	12	12	0	WSJ 1-YEAR LIBOR
441,744.15	3.259	3.944	360	215	145	2.250	***	2.000	10.2463	2.2500	6	12	12	N/A	WSJ 1-YEAR LIBOR
461,363.85	3.372	4.020	360	213	147	2.266	***	2.000	10.3399	2.2660	9	12	12	N/A	WSJ 1-YEAR LIBOR
479,627.51	3.233	3.844	360	205	155	2.250	***	2.000	11.0818	2.2500	2	12	12	N/A	WSJ 1-YEAR LIBOR
480,856.39	3.369	4.054	360	212	148	2.351	***	2.000	10.0585	2.3510	8	12	12	N/A	WSJ 1-YEAR LIBOR
511,929.65	3.481	3.988	360	246	114	2.275	***	2.000	9.5114	0.0036	6	12	12	N/A	WSJ 1-YEAR LIBOR
513,789.72	3.492	4.083	359	211	148	2.322	***	2.000	11.0220	2.3220	8	12	12	N/A	WSJ 1-YEAR LIBOR
518,959.05	3.329	3.944	360	230	130	2.250	***	2.000	11.2061	2.2500	5	12	12	N/A	WSJ 1-YEAR LIBOR
543,714.92	3.108	3.981	359	207	152	2.250	***	2.000	9.8135	2.2500	8	12	12	N/A	WSJ 1-YEAR LIBOR
573,258.68	3.509	4.024	360	206	154	2.264	***	2.000	9.7604	2.2640	6	12	12	N/A	WSJ 1-YEAR LIBOR
577,290.43	3.629	4.159	360	214	146	2.445	***	2.000	10.9438	2.4450	7	12	12	N/A	WSJ 1-YEAR LIBOR
609,748.48	3.476	4.045	360	206	154	2.318	***	2.000	9.9842	2.3180	7	12	12	N/A	WSJ 1-YEAR LIBOR
625,730.60	3.381	4.073	360	212	148	2.302	***	2.000	10.3954	2.3020	8	12	12	N/A	WSJ 1-YEAR LIBOR
626,526.23	3.171	4.413	360	245	115	2.663	***	2.000	10.5595	2.6630	5	12	12	N/A	WSJ 1-YEAR LIBOR
633,338.31	3.560	3.992	360	268	92	2.249	***	2.000	9.1336	2.2490	7	12	12	N/A	WSJ 1-YEAR LIBOR
634,641.00	3.331	4.093	360	214	146	2.343	***	2.000	10.7242	2.3430	10	12	12	0	WSJ 1-YEAR LIBOR
696,871.55	3.254	3.926	360	212	148	2.269	***	2.000	10.8057	2.2690	5	12	12	0	WSJ 1-YEAR LIBOR
765,731.75	3.506	3.960	360	264	96	2.250	***	2.000	9.3105	2.2500	7	12	12	N/A	WSJ 1-YEAR LIBOR
803,953.75	3.152	3.884	360	216	144	2.243	***	2.000	10.8285	2.2430	4	12	12	0	WSJ 1-YEAR LIBOR
830,922.30	3.033	3.840	360	205	155	2.303	***	2.000	10.1686	2.3030	1	12	12	N/A	WSJ 1-YEAR LIBOR
907,676.02	3.504	3.997	360	214	146	2.256	***	2.000	10.2163	0.0043	6	12	12	0	WSJ 1-YEAR LIBOR
986,184.22	3.558	3.982	360	228	132	2.274	***	2.000	11.3305	2.2740	7	12	12	N/A	WSJ 1-YEAR LIBOR
1,025,443.94	3.363	3.988	357	209	148	2.281	***	2.000	10.2312	2.2810	6	12	12	N/A	WSJ 1-YEAR LIBOR
1,032,710.35	3.492	4.057	360	227	133	2.301	***	2.000	11.4871	2.3010	11	12	12	N/A	WSJ 1-YEAR LIBOR
1,136,456.80	3.314	3.826	360	271	89	2.252	***	2.000	8.8453	2.2520	6	12	12	N/A	WSJ 1-YEAR LIBOR
1,309,004.55	3.291	3.831	360	193	167	2.250		2.000	9.7752	2.2500	$\frac{4}{2}$	12	12	N/A	WSJ 1-YEAR LIBOR
1,354,245.85	3.440	3.913	360	266	94	2.250	***	2.000	9.1925	2.2500	5	12	12	N/A	WSJ 1-YEAR LIBOR
1,357,234.72	3.431	4.015	360	212	148	2.294	***	2.000	10.2429	2.2940	8	12	12	0	WSJ 1-YEAR LIBOR
1,580,525.06	3.479	4.024	360	207	152	2.279	***	2.000	10.1380	2.2790	8	12	12	0	WSJ 1-YEAR LIBOR

Issue Date Unpaid Principal Balance	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor (%)	Months to Rate Change	Rate Reset Frequency (in months)	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$1,824,813.92	3.376	4.007	360	217	143	2.290	***	2.000	10.8211	2.2900	8	12	12	0	WSJ 1-YEAR LIBOR
2,292,070.26	3.471	4.139	360	216	144	2.444	***	2.000	11.5196	2.4440	7	12	12	0	WSJ 1-YEAR LIBOR
2,317,185.94	3.806	4.491	359	195	164	2.750	***	2.000	10.7041	2.7500	8	12	12	N/A	WSJ 1-YEAR LIBOR
3,045,854.13	3.476	4.010	359	204	155	2.266	***	2.000	10.0345	2.2660	7	12	12	0	WSJ 1-YEAR LIBOR
4,185,085.85	3.565	4.000	360	275	85	2.250	***	2.000	9.0399	2.2500	11	12	12	N/A	WSJ 1-YEAR LIBOR
5,024,171.85	3.426	4.021	360	209	151	2.320	***	2.000	10.3743	0.0214	6	12	12	N/A	WSJ 1-YEAR LIBOR
6,760,317.45	3.416	4.014	360	203	157	2.277	***	2.000	10.1325	2.2770	7	12	12	N/A	WSJ 1-YEAR LIBOR

^{*} The "Net Mortgage Rate" of a Hybrid ARM Loan is equal to its then current interest rate *less* the sum of the related servicing fee and our guaranty fee (expressed in each case as an annual percentage).

Expected ARM MBS Pools in Group 2 (As of October 1, 2017)

The pool numbers of the Group 2 MBS expected to be included in the Lower Tier REMIC are listed below:

Pool Number	Issue Date Unpaid Principal Balance
920466	\$ 4,680.37
964278	5,721.23
746479	9,577.65
933642	10,539.50
791961	14,767.51
888515	15,514.65
683265	17,688.15
823687	25,128.02
888490	26,011.17
701233	28,894.60
884746	33,935.07
768541	35,349.02
AE0451	38,356.55
829334	40,990.89
814392	42,056.76
779718	46,485.18
888622	47,591.86
775338	47,620.70
725998	49,274.85
745776	49,702.62
907616	50,116.40
879007	52,431.43
821435	53,614.78
AL1418	54,394.28
888526	63,021.07
905186	63,227.15

^{**} For a description of these Indices, see "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)—ARM Indices" in the MBS Prospectus.

^{***} We have assumed that all applicable initial fixed-rate periods have expired and that all initial rate adjustments have occurred.

Pool Number		ncipal Balance
AL2360	\$	65,040.01
976644	Ψ	69,252.81
882242		77,839.31
728765		79,518.55
888494		89,291.69
AL0529		95,983.88
888715		96,269.94
819423		98,870.96
868319		99,003.14
905190		99,229.20
962202		100,222.31
809986		105,685.39
255287		106,401.01
893611		106,871.68
888731		112,325.38
745895		114,568.00
888856		115,961.65
AE6675		117,141.48
671174		124,681.60
849264		155,944.79
759554		157,929.61
AD2167		161,387.42
976779		164,169.70
995125		178,982.63
AE0289		216,359.04
786427 612496		218,726.70 241,132.10
828480		243,287.61
AC4000		253,537.59
804922		255,693.58
806721		265,009.31
AD0083		267,789.14
743749		269,108.62
AD0388		269,910.65
745226		282,075.97
745861		311,431.30
AL1539		318,427.81
AL2179		334,471.10
AL2788		334,604.64
AL5553		358,903.97
819685		364,620.14
AC0045		405,046.11
AA3513		441,744.15
735864		461,363.85
804959		479,627.51
AA3512 AL8327		480,856.39
735809		511,929.65 513,789.72
888327		518,959.05
AL3011		543,714.92
AL7011 AL7181		573,258.68
AL8982		577,290.43
AL2024		609,748.48
735753		625,730.60
		0,.00.00

Issue Date Unpaid

Pool Number	Issue Date Unpaid Principal Balance
962544 AL7790 836021 AL8039 AL0773 745196 809182 AL9290 AL1603 AL4388 888012 AL6352 755867 AL6751 AL8646 AL9162 995815 BM1727 AA3515 AL5548	
AE2029 AD0074 888782	4,185,085.85 5,024,171.85 6,760,317.45

REMIC	Certificates	RCR Certificates									
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	$\frac{\textbf{Interest}}{\textbf{Type}(2)}$	CUSIP Number	Final Distribution Date			
Recombir	nation 1										
MC	\$50,037,000	${f M}$	\$52,877,000	PAC	3.0%	FIX	3136AYUE1	December 2046			
MI	6,254,625(3)										
MK	2,840,000										
Recombir	nation 2										
${ m ML}$	3,910,000	MP	6,750,000	PAC	3.0	FIX	3136AYUF8	November 2047			
MK	2,840,000										
Recombir	nation 3										
MC	50,037,000	MA	50,037,000	PAC	3.0	FIX	3136AYUG6	April 2046			
MI	6,254,625(3)										

⁽¹⁾ REMIC Certificates and RCR Certificates in any Recombination may be exchanged only in the proportions of original principal or notional principal balances for the (1) REMIC Certificates and RCR Certificates in any Recombination may be exchanged only in the proportions of original principal or notional principal balances for the related Classes shown in this Schedule 1 (disregarding any retired Classes). For example, if a particular Recombination includes two REMIC Classes and one RCR Class whose original principal balances shown in the schedule reflect a 1:1:2 relationship, the same 1:1:2 relationship among the original principal balances of those REMIC and RCR Classes must be maintained in any exchange. This is true even if, as a result of the applicable payment priority sequence, the relationship between their current principal balances has changed over time. Moreover, if as a result of a proposed exchange, a Certificateholder would hold a REMIC Certificate or RCR Certificate of a Class in an amount less than the applicable minimum denomination for that Class, the Certificateholder will be unable to effect the proposed exchange. See "Description of the Certificates—General—Authorized Denominations" in this prospectus supplement.

(2) See "Description of the Certificates—Class Definitions and Abbreviations" in the REMIC Prospectus.

(3) Notional principal balance is calculated.

Principal Balance Schedules

Aggregate Group I Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$111,906,000.00	June 2022	\$ 68,373,097.18	February 2027	\$ 33,162,707.63
November 2017	111,556,367.51	July 2022	67,595,386.69	March 2027	32,708,681.35
December 2017	111,178,765.17	August 2022	66,823,002.00	April 2027	32,260,351.00
January 2018	110,773,342.65	September 2022	66,055,904.72	May 2027	31,817,648.30
February 2018	110,340,268.31	October 2022	65,294,056.72	June 2027	31,380,505.76
March 2018	109,879,729.10	November 2022	64,537,420.14	July 2027	30,948,856.70
April 2018	109,391,930.44	December 2022	63,785,957.37	August 2027	30,522,635.20
May 2018	108,877,096.09	January 2023	63,039,631.04	September 2027	30,101,776.11
June 2018	108,335,467.95	February 2023	62,298,404.06	October 2027	29,686,215.05
July 2018	107,767,305.90	March 2023	61,562,239.57	November 2027	29,275,888.38
August 2018	107,172,887.60	April 2023	60,831,100.98	December $2027 \dots$	28,870,733.22
September 2018	106,552,508.25	May 2023	60,104,951.93	January 2028	28,470,687.41
October 2018	105,906,480.33	June 2023	59,383,756.32	February 2028	28,075,689.53
November 2018	105,235,133.36	July 2023	58,667,478.30	March 2028	27,685,678.87
December 2018	104,538,813.62	August 2023	57,956,082.23	April 2028	27,300,595.44
January 2019	103,817,883.80	September 2023	57,249,532.77	May 2028	26,920,379.93
February 2019	103,072,722.72	October 2023	56,547,794.76	June 2028	26,544,973.75
March 2019	102,303,724.97	November 2023	55,850,833.32	July 2028	26,174,318.98
April 2019	101,511,300.53	December 2023	55,158,613.79	August 2028	25,808,358.39
May 2019	100,695,874.44	January 2024	54,471,101.75	September 2028	25,447,035.40
June 2019	99,857,886.36	February 2024	53,788,263.01	October 2028	25,090,294.12
July 2019	98,997,790.17	March 2024	53,110,063.61	November 2028	24,738,079.30
August 2019	98,116,053.53	April 2024	52,436,469.84	December 2028	24,390,336.33
September 2019	97,213,157.48	May 2024	51,767,448.19	January 2029	24,047,011.26
October 2019	96,289,595.92	June 2024	51,102,965.40	February 2029	23,708,050.75
November 2019	95,345,875.18	July 2024	50,442,988.42	March 2029	23,373,402.10
December 2019	94,382,513.51	August 2024	49,787,484.44	April 2029	23,043,013.23
January 2020	93,425,807.42	September 2024	49,136,420.86	May 2029	22,716,832.65
February 2020	92,475,709.49	October 2024	48,489,765.31	June 2029	22,394,809.51
March 2020	91,532,172.60	November 2024	47,847,485.64	July 2029	22,076,893.53
April 2020	90,595,149.97	December 2024	47,210,675.59	August 2029	21,763,035.01
May 2020	89,664,595.14	January 2025	46,581,743.01	September 2029	21,453,184.87
June 2020	88,740,461.94	February 2025	45,960,594.20	October 2029	21,147,294.58
July 2020	87,822,704.54	March 2025	45,347,136.56	November 2029	20,845,316.19
August 2020	86,911,277.41	April 2025	44,741,278.58	December 2029	20,547,202.30
September 2020	86,006,135.33	May 2025	44,142,929.78	January 2030	20,252,906.09
October 2020	85,107,233.39	June 2025	43,552,000.77	February 2030	19,962,381.26
November 2020	84,214,526.99	July 2025	42,968,403.18	March 2030	19,675,582.08
December 2020	83,327,971.82	August 2025	42,392,049.66	April 2030	19,392,463.36
January 2021	82,447,523.88	September 2025	41,822,853.89	May 2030	19,112,980.41
February 2021	81,573,139.47	October 2025	41,260,730.56	June 2030	18,837,089.10
March 2021	80,704,775.19	November 2025	40,705,595.34	July 2030	18,564,745.80
April 2021	79,842,387.93	December 2025	40,157,364.88	August 2030	18,295,907.40
May 2021	78,985,934.87	January 2026	39,615,956.82	September 2030	18,030,531.30
June 2021	78,135,373.48	February 2026	39,081,289.72	October 2030	17,768,575.39
July 2021	77,290,661.54	March 2026	38,553,283.14	November 2030	17,509,998.07
August 2021	76,451,757.08	April 2026	38,031,857.53	December 2030	17,254,758.22
September 2021	75,618,618.45	May 2026	37,516,934.29	January 2031	17,002,815.21
October 2021	74,791,204.27	June 2026	37,008,435.74	February 2031	16,754,128.88
November 2021	73,969,473.44	July 2026	36,506,285.10	March 2031	16,508,659.56
December 2021	73,153,385.13	August 2026	36,010,406.47	April 2031	16,266,368.04
January 2022	72,342,898.81	September 2026	35,520,724.87	May 2031	16,027,215.57
February 2022	71,537,974.20	October 2026	35,037,166.14	June 2031	15,791,163.84
March 2022	70,738,571.32	November 2026	34,559,657.05	July 2031	15,558,175.03
April 2022	69,944,650.45	December 2026	34,088,125.17	August 2031	15,328,211.74
May 2022	69,156,172.13	January 2027	33,622,498.94	September 2031	15,101,237.01

$Aggregate\ Group\ I\ (Continued)$

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
October 2031	\$ 14,877,214.33	September 2036	\$ 5,782,259.63	August 2041	\$ 1,769,186.93
November 2031	14,656,107.62	October 2036	5,682,393.02	September 2041	1,726,771.06
December 2031	14,437,881.21	November 2036	5,583,905.73	October 2041	1,684,998.44
January 2032	14,222,499.87	December 2036	5,486,780.39	November 2041	1,643,860.63
February 2032	14,009,928.78	January 2037	5,390,999.81	December 2041	1,603,349.27
March 2032	13,800,133.52	February 2037	5,296,547.05	January 2042	1,563,456.12
April 2032	13,593,080.09	March 2037	5,203,405.35	February 2042	1,524,173.04
May 2032	13,388,734.90	April 2037	5,111,558.14	March 2042	1,485,491.97
June 2032	13,187,064.75	May 2037	5,020,989.06	April 2042	1,447,404.99
July 2032	12,988,036.81	June 2037	4,931,681.97	May 2042	1,409,904.24
August 2032	12,791,618.66	July 2037	4,843,620.88	June 2042	1,372,981.96
September 2032	12,597,778.28	August 2037	4,756,790.03	July 2042	1,336,630.52
October 2032	12,406,484.01	September 2037	4,671,173.84	August 2042	1,300,842.33
November 2032	12,217,704.54	October 2037	4,586,756.90	September 2042	1,265,609.95
December 2032	12,031,408.99	November 2037	4,503,524.00	October 2042	1,230,925.99
January 2033	11,847,566.79	December 2037	4,421,460.12	November 2042	1,196,783.17
February 2033	11,666,147.76	January 2038	4,340,550.42	December 2042	1,163,174.29
March 2033	11,487,122.09	February 2038	4,260,780.22	January 2043	1,130,092.25
April 2033	11,310,460.28	March 2038	4,182,135.04	February 2043	1,097,530.04
May 2033	11,136,133.23	April 2038	4,104,600.55	March 2043	1,065,480.72
June 2033	10,964,112.14	May 2038	4,028,162.63	April 2043	1,033,937.46
July 2033	10,794,368.60	June 2038	3,952,807.29	May 2043	1,002,893.48
August 2033	10,626,874.49	July 2038	3,878,520.74	June 2043	972,342.11
September 2033	10,461,602.05	August 2038	3,805,289.35	July 2043	942,276.77
October 2033	10,298,523.85	September 2038	3,733,099.63	August 2043	912,690.94
November 2033	10,137,612.78	October 2038	3,661,938.29	September 2043	883,578.19
December 2033	9,978,842.05	November 2038	3,591,792.17	October 2043	854,932.16
January 2034	9,822,185.19	December 2038	3,522,648.30	November 2043	826,746.60
February 2034	9,667,616.05	January 2039	3,454,493.84	December 2043	799,015.30
March 2034	9,515,108.78	February 2039	3,387,316.12	January 2044	771,732.14
April 2034	9,364,637.86	March 2039	3,321,102.61	February 2044 March 2044	744,891.10
May 2034	9,216,178.04	April 2039	3,255,840.96		718,486.19
June 2034	9,069,704.40	May 2039	3,191,518.94	April 2044	692,511.53
July 2034 August 2034	8,925,192.31 $8,782,617.42$	June 2039 July 2039	3,128,124.47 3,065,645.65	May 2044 June 2044	666,961.31 641,829.78
September 2034	8,641,955.68	August 2039	3,004,070.69	July 2044	617,111.26
October 2034	8,503,183.32	September 2039	2,943,387.95	August 2044	592,800.15
November 2034	8,366,276.88	October 2039	2,883,585.94	September 2044	568,890.92
December 2034	8,231,213.14	November 2039	2,824,653.31	October 2044	545,378.10
January 2035	8,097,969.18	December 2039	2,766,578.83	November 2044	522,256.31
February 2035	7,966,522.36	January 2040	2,709,351.44	December 2044	499,520.21
March 2035	7,836,850.29	February 2040	2,652,960.19	January 2045	477,164.54
April 2035	7,708,930.85	March 2040	2,597,394.26	February 2045	455,184.11
May 2035	7,582,742.21	April 2040	2,542,642.97	March 2045	433,573.78
June 2035	7,458,262.76	May 2040	2,488,695.78	April 2045	412,328.50
July 2035	7,335,471.19	June 2040	2,435,542.27	May 2045	391,443.25
August 2035	7,214,346.41	July 2040	2,383,172.14	June 2045	370,913.10
September 2035	7,094,867.61	August 2040	2,331,575.22	July 2045	350,733.18
October 2035	6,977,014.21	September 2040	2,280,741.47	August 2045	330,898.66
November 2035	6,860,765.87	October 2040	2,230,660.97	September 2045	311,404.79
December 2035	6,746,102.53	November 2040	2,181,323.92	October 2045	292,246.87
January 2036	6,633,004.32	December 2040	2,132,720.64	November 2045	273,420.28
February 2036	6,521,451.65	January 2041	2,084,841.57	December 2045	254,920.42
March 2036	6,411,425.15	February 2041	2,037,677.26	January 2046	236,742.79
April 2036	6,302,905.66	March 2041	1,991,218.39	February 2046	218,882.90
May 2036	6,195,874.30	April 2041	1,945,455.73	March 2046	201,336.37
June 2036	6,090,312.36	May 2041	1,900,380.19	April 2046	184,098.84
July 2036	5,986,201.39	June 2041	1,855,982.78	May 2046	167,166.00
August 2036	5,883,523.15	July 2041	1,812,254.62	June 2046	150,533.62

$Aggregate\ Group\ I\ (Continued)$

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
July 2046	\$ 134,197.52	November 2046	\$ 71,733.85	March 2047	\$ 13,688.92
August 2046	118,153.54	December 2046	 56,818.09	April 2047 and	
September 2046	102,397.62	January 2047	 $42,\!174.57$	thereafter	0.00
October 2046	86.925.72	February 2047	 27,799,44		

Aggregate Group II Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$56,787,000.00	November 2021	\$34,049,232.23	December 2025	\$17,361,366.24
November 2017	56,434,936.79	December 2021	33,638,821.23	January 2026	17,100,129.37
December 2017	56,068,072.26	January 2022	33,231,570.04	February 2026	16,842,559.31
January 2018	55,686,614.53	February 2022	32,827,455.56	March 2026	16,588,606.54
February 2018	55,290,781.77	March 2022	32,426,454.88	April 2026	16,338,222.20
March 2018	54,880,801.93	April 2022	32,028,545.24	May 2026	16,091,358.08
April 2018	54,456,912.57	May 2022	31,633,704.05	June 2026	15,847,966.61
May 2018	54,019,360.65	June 2022	31,241,908.87	July 2026	15,608,000.84
June 2018	53,568,402.23	July 2022	30,853,137.43	August 2026	15,371,414.43
July 2018	53,104,302.30	August 2022	30,467,367.62	September 2026	15,138,161.67
August 2018	52,627,334.46	September 2022	30,084,577.48	October 2026	14,908,197.45
September 2018	52,137,780.68	October 2022	29,704,745.22	November 2026	14,681,477.24
October 2018	51,635,931.03	November 2022	29,327,849.19	December 2026	14,457,957.11
November 2018	51,122,083.37	December 2022	28,953,867.92	January 2027	14,237,593.72
December 2018	50,596,543.08	January 2023	28,582,780.05	February 2027	14,020,344.29
January 2019	50,059,622.71	February 2023	28,214,564.42	March 2027	13,806,166.61
February 2019	49,526,783.75	March 2023	27,849,199.99	April 2027	13,595,019.02
March 2019	48,997,996.53	April 2023	27,486,665.89	May 2027	13,386,860.42
April 2019	48,473,231.60	May 2023	27,126,941.38	June 2027	13,181,650.24
May 2019	47,952,459.72	June 2023	26,770,005.89	July 2027	12,979,348.48
June 2019	47,435,651.87	July 2023	26,415,838.97	August 2027	12,779,915.64
July 2019	46,922,779.20	August 2023	26,064,420.35	September 2027	12,583,312.73
August 2019	46,413,813.11	September 2023	25,715,729.87	October 2027	12,389,501.32
September 2019	45,908,725.18	October 2023	25,369,747.54	November 2027	12,198,443.45
October 2019	45,407,487.20	November 2023	25,026,453.51	December 2027	12,010,101.69
November 2019	44,910,071.16	December 2023	24,685,828.05	January 2028	11,824,439.07
December 2019	44,416,449.23	January 2024	24,347,851.61	February 2028	11,641,419.16
January 2020	43,926,593.82	February 2024	24,012,504.73	March 2028	11,461,005.97
February 2020	43,440,477.51	March 2024	23,679,768.14	April 2028	11,283,164.00
March 2020	42,958,073.07	April 2024	23,349,622.68	May 2028	11,107,858.24
April 2020	42,479,353.47	May 2024	23,022,049.33	June 2028	10,935,054.11
May 2020	42,004,291.89	June 2024	22,697,029.20	July 2028	10,764,717.51
June 2020	41,532,861.68	July 2024	22,374,543.55	August 2028	10,596,814.79
July 2020	41,065,036.39	August 2024	22,054,573.77	September 2028	10,431,312.75
August 2020	40,600,789.76	September 2024	21,737,101.38	October 2028	10,268,178.62
September 2020	40,140,095.71	October 2024	21,422,108.02	November 2028	10,107,380.07
October 2020	39,682,928.34	November 2024	21,109,575.50	December 2028	9,948,885.21
November 2020	39,229,261.97	December 2024	20,799,485.72	January 2029	9,792,662.55
December 2020	38,779,071.05	January 2025	20,491,820.72	February 2029	9,638,681.04
January 2021	38,332,330.26	February 2025	20,186,785.76	March 2029	9,486,910.03
February 2021	37,889,014.44	March 2025	19,886,007.86	April 2029	9,337,319.29
March 2021	37,449,098.60	April 2025	19,589,429.72	May 2029	9,189,878.97
April 2021	37,012,557.95	May 2025	19,296,994.81	June 2029	9,044,559.65
May 2021	36,579,367.86	June 2025	19,008,647.35	July 2029	8,901,332.27
June 2021	36,149,503.89	July 2025	18,724,332.28	August 2029	8,760,168.16
July 2021	35,722,941.75	August 2025	18,443,995.29	September 2029	8,621,039.06
August 2021	35,299,657.36	September 2025	18,167,582.74	October 2029	8,483,917.06
September 2021	34,879,626.79	October 2025	17,895,041.74	November 2029	8,348,774.62
October 2021	34,462,826.27	November 2025	17,626,320.08	December 2029	8,215,584.59

Aggregate Group II (Continued)

Distribution	Planned Balance	Distribution Date			Planned Balance
January 2030	\$ 8,084,320.15	December 2034	\$ 2,955,732.51	November 2039	\$ 883,514.47
February 2030	7,954,954.86	January 2035	2,902,202.39	December 2039	862,738.05
March 2030	7,827,462.62	February 2035	2,849,490.77	January 2040	842,308.70
April 2030	7,701,817.70	March 2035	2,797,586.06	February 2040	822,221.31
May 2030	7,577,994.69	April 2035	2,746,476.83	March 2040	802,470.81
June 2030	7,455,968.52	May 2035	2,696,151.81	April 2040	783,052.22
July 2030	7,335,714.47	June 2035	2,646,599.87	May 2040	763,960.62
August 2030	7,217,208.13	July 2035	2,597,810.06	June 2040	745,191.16
September 2030	7,100,425.44	August 2035	2,549,771.55	July 2040	726,739.07
October 2030	6,985,342.64	September 2035	2,502,473.66	August 2040	708,599.62
November 2030	6,871,936.28	October 2035	2,455,905.88	September 2040	690,768.18
December 2030	6,760,183.27	November 2035	2,410,057.80	October 2040	673,240.16
January 2031	6,650,060.77	December 2035	2,364,919.20	November 2040	656,011.03
February 2031	6,541,546.28	January 2036	2,320,479.97	December 2040	639,076.34
March 2031	6,434,617.59	February 2036	2,276,730.13	January 2041	622,431.71
April 2031	6,329,252.80	March 2036	2,233,659.87	February 2041	606,072.79
May 2031	6,225,430.29	April 2036	2,191,259.48	March 2041	589,995.31
June 2031	6,123,128.72	May 2036	2,149,519.40	April 2041	574,195.06
July 2031	6,022,327.05	June 2036	2,108,430.19	May 2041	558,667.89
August 2031	5,923,004.54	July 2036	2,067,982.56	June 2041	543,409.70
September 2031	5,825,140.68	August 2036	2,028,167.31	July 2041	528,416.46
October 2031	5,728,715.27	September 2036	1,988,975.41	August 2041	513,684.18
November 2031	5,633,708.38	October 2036	1,950,397.91	September 2041	499,208.94
December 2031	5,540,100.33	November 2036	1,912,426.02	October 2041	484,986.87
January 2032	5,447,871.72	December 2036	1,875,051.04	November 2041	471,014.15
February 2032	5,357,003.40	January 2037	1,838,264.41	December 2041	$457,\!287.01$
March 2032	5,267,476.48	February 2037	1,802,057.67	January 2042	443,801.76
April 2032	5,179,272.33	March 2037	1,766,422.49	February 2042	430,554.73
May 2032	5,092,372.55	April 2037	1,731,350.66	March 2042	417,542.32
June 2032	5,006,759.01	May 2037	1,696,834.05	April 2042	404,760.97
July 2032	4,922,413.81	June 2037	1,662,864.68	May 2042	392,207.18
August 2032	4,839,319.30	July 2037	1,629,434.65	June 2042	379,877.49
September 2032	4,757,458.05	August 2037	1,596,536.19	July 2042	367,768.49
October 2032	4,676,812.89	September 2037	1,564,161.62	August 2042	355,876.83
November 2032	4,597,366.86	October 2037	1,532,303.38	September 2042	344,199.20
December 2032	4,519,103.23	November 2037	1,500,953.99	October 2042	332,732.33 321,472.99
January 2033	4,442,005.51		1,470,106.11	December 2042	,
February 2033 March 2033	4,366,057.42 4,291,242.89	January 2038 February 2038	1,439,752.46 1,409,885.89	January 2043	310,418.03 299,564.31
April 2033	4,217,546.09	March 2038	1,380,499.34	February 2043	288,908.74
May 2033	4,144,951.38	April 2038	1,351,585.84	March 2043	278,448.30
June 2033	4,073,443.35	May 2038	1,323,138.52	April 2043	268,179.97
July 2033	4,003,006.78	June 2038	1,295,150.61	May 2043	258,100.81
August 2033	3,933,626.67	July 2038	1,267,615.43	June 2043	248,207.91
September 2033	3,865,288.22	August 2038	1,240,526.38	July 2043	238,498.39
October 2033	3,797,976.81	September 2038	1,213,876.97	August 2043	228,969.42
November 2033	3,731,678.05	October 2038	1,187,660.80	September 2043	219,618.21
December 2033	3,666,377.72	November 2038	1,161,871.53	October 2043	210,442.02
January 2034	3,602,061.80	December 2038	1,136,502.94	November 2043	201,438.13
February 2034	3,538,716.46	January 2039	1,111,548.89	December 2043	192,603.87
March 2034	3,476,328.06	February 2039	1,087,003.30	January 2044	183,936.60
April 2034	3,414,883.13	March 2039	1,062,860.20	February 2044	175,433.73
May 2034	3,354,368.39	April 2039	1,039,113.70	March 2044	167,092.70
June 2034	3,294,770.76	May 2039	1,015,757.98	April 2044	158,910.99
July 2034	3,236,077.30	June 2039	992,787.30	May 2044	150,886.10
August 2034	3,178,275.27	July 2039	970,196.02	June 2044	143,015.59
September 2034	3,121,352.09	August 2039	947,978.56	July 2044	135,297.04
October 2034	3,065,295.37	September 2039	926,129.41	August 2044	127,728.07
November 2034	3,010,092.86	October 2039	904,643.16	September 2044	120,306.33

Aggregate Group II (Continued)

Distribution Date	Planned Distribution Date		Planned Balance		Distribution Date		Planned Balance		
October 2044	\$ 113,029.51	May 2045		\$	65,961.92	December 2	2045	\$	25,150.79
November 2044	105,895.33	June 2045			59,765.03	January 20	46		19,791.58
December 2044	98,901.53	July 2045			53,693.66	February 2	046		14,544.50
January 2045	92,045.90	August 20	45		47,745.83	March 2046	3		9,407.72
February 2045	85,326.27	September	r 2045		41,919.56	April 2046			4,379.47
March 2045	78,740.47	October 20	045		36,212.90	May 2046 a	ınd		
April 2045	72,286.38	November	2045		30,623.94	thereafte	r		0.00

CD Class Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$2,842,000.00	March 2020	\$1,334,647.83	August 2022	\$ 377,100.03
November 2017	2,803,603.68	April 2020	1,289,459.40	September 2022	355,539.78
December 2017	2,763,130.37	May 2020	1,245,246.00	October 2022	334,639.76
January 2018	2,720,635.40	June 2020	1,201,995.03	November 2022	314,390.82
February 2018	2,676,177.18	July 2020	1,159,694.05	December 2022	294,783.88
March 2018	2,629,817.12	August 2020	1,118,330.73	January 2023	275,809.99
April 2018	2,581,619.49	September 2020	1,077,892.88	February 2023	257,460.28
May 2018	2,531,651.36	October 2020	1,038,368.46	March 2023	239,725.99
June 2018	2,479,982.49	November 2020	999,745.51	April 2023	222,598.45
July 2018	2,426,685.20	December 2020	962,012.27	May 2023	206,069.08
August 2018	2,371,834.24	January 2021	925,157.05	June 2023	190,129.40
September 2018	2,315,506.74	February 2021	889,168.29	July 2023	174,771.05
October 2018	2,257,781.97	March 2021	854,034.60	August 2023	159,985.72
November 2018	2,198,741.32	April 2021	819,744.66	September 2023	145,765.23
December 2018	2,138,468.08	May 2021	786,287.32	October 2023	132,101.47
January 2019	2,077,047.37	June 2021	753,651.50	November 2023	118,986.42
February 2019	2,016,807.69	July 2021	721,826.29	December 2023	106,412.17
March 2019	1,957,734.25	August 2021	690,800.86	January 2024	94,370.86
April 2019	1,899,812.43	September 2021	660,564.51	February 2024	82,854.79
May 2019	1,843,027.76	October 2021	631,106.68	March 2024	71,856.25
June 2019	1,787,365.90	November 2021	602,416.89	April 2024	61,367.69
July 2019	1,732,812.71	December 2021	574,484.81	May 2024	51,381.62
August 2019	1,679,354.17	January 2022	547,300.18	June 2024	41,890.65
September 2019	1,626,976.39	February 2022	520,852.90	July 2024	32,887.45
October 2019	1,575,665.67	March 2022	495,132.93	August 2024	24,364.77
November 2019	1,525,408.43	April 2022	470,130.37	September 2024	16,315.48
December 2019	1,476,191.25	May 2022	445,835.44	October 2024	8,732.51
January 2020	1,428,000.82	June 2022	422,238.44	November 2024	3,107.52
February 2020	1,380,824.01	July 2022	399,329.80	December 2024 and	
				thereafter	0.00

No one is authorized to give information or to make representations in connection with the Certificates other than the information and representations contained in or incorporated into this Prospectus Supplement and the additional Disclosure Documents. We take no responsibility for any unauthorized information or representation. This Prospectus Supplement and the additional Disclosure Documents do not constitute an offer or solicitation with regard to the Certificates if it is illegal to make such an offer or solicitation to you under state law. By delivering this Prospectus Supplement and the additional Disclosure Documents at any time, no one implies that the information contained herein or therein is correct after the date hereof or thereof.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved the Certificates or determined if this Prospectus Supplement is truthful and complete. Any representation to the contrary is a criminal offense.

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\$343,603,553



Guaranteed REMIC
Pass-Through Certificates
Fannie Mae REMIC Trust 2017-86

PROSPECTUS SUPPLEMENT

BNP PARIBAS

October 25, 2017