## \$410,016,645



#### Guaranteed REMIC Pass-Through Certificates Fannie Mae REMIC Trust 2018-14

#### 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, singlefamily fixed-rate loans,
- Fannie Mae MBS backed by first lien, single-family adjustable-rate loans, and
- an underlying REMIC certificate backed by Fannie Mae MBS.

The mortgage loans backing the underlying REMIC certificate are first lien, single-family, fixed-rate loans.

In addition, approximately 1% of the mortgage loans underlying the Group 3 MBS are FHA-insured or VA- or RHS- guaranteed.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
KC	1	\$ 61,592,549	PT	3.0%	FIX	3136B1FM1	March 2048
KI	1	30,796,274(2)	NTL	6.0	FIX/IO	3136B1FN9	March 2048
PA	2	107,040,000	PAC	3.5	FIX	3136B1FP4	April 2047
PY	2	8,627,000	PAC	3.5	FIX	3136B1FQ2	March 2048
LQ	2	5,034,000	PAC/AD	3.5	FIX	3136B1FR0	March 2048
ZA	2	1,000	PAC	3.5	FIX/Z	3136B1FS8	March 2048
TF	2	14,900,607	SUP/AD	(3)	FLT	3136B1FT6	March 2048
TS	2	4,150,883	SUP/AD	(3)	INV	3136B1FU3	March 2048
TK	2	2,235,091	SUP/AD	(3)	INV	3136B1FV1	March 2048
ZB	2	1,000	SUP	3.5	FIX/Z	3136B1FW9	March 2048
FA	2	70,994,790	PT	(3)	FLT	3136B1FX7	March 2048
SA	2	70,994,790(2)	NTL	(3)	INV/IO	3136B1FY5	March 2048
FB	3	32,700,065	PT	(4)	FLT/AFC	3136B1FZ2	March 2058
SB	3	32,700,065(2)	NTL	(5)	WAC/IO	3136B1GA6	March 2058
PB(6)	4	85,509,000	SC/PAC	3.0	FIX	3136B1GB4	October 2046
PC(6)	4	5,807,000	SC/PAC	3.0	FIX	3136B1GC2	October 2046
PL	4	10,000,000	SC/PAC	3.0	FIX	3136B1GD0	October 2046
CP	4	1,161,000	SC/SUP/AD	3.0	FIX	3136B1GE8	October 2046
CZ	4	262,660	SC/SUP	3.0	FIX/Z	3136B1GF5	October 2046
R		0	NPR	0	NPR	3136B1GG3	March 2058

- See "Description of the Certificates—Class Definitions and Abbreviations" in the REMIC prospectus.
- (2) Notional principal balances. These classes are interest only classes. See page S-7 for a description of how their notional principal balances are calculated.
- (3) Based on LIBOR.

- (4) Based on LIBOR and subject to the limitations described on page S-15.
- (5) The interest rate of the SB Class is calculated as described on page S-16.
- (6) Exchangeable classes.

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR class to be delivered at the time of exchange. The PD Class is the RCR class. For a more detailed description of the RCR class, 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 February 28, 2018.

Carefully consider the risk factors on page S-9 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.

# Citigroup

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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,
  - 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");
- if you are purchasing a Group 4 Class or the R Class, the disclosure document relating to the underlying REMIC certificate (the "Underlying REMIC Disclosure Document"); 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 and the Underlying REMIC Disclosure Document are incorporated by reference in this prospectus supplement. This means that we are disclosing information in those documents by referring you to them. Those documents are considered part of this prospectus supplement, so you should read this prospectus supplement, and any applicable supplements or amendments, together with those documents.

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, the MBS Prospectus and the Underlying REMIC Disclosure Document by writing or calling the dealer at:

Citigroup Global Markets Inc. Prospectus Department 540 Crosspoint Parkway Building 2 Attn: Compliance Fulfillment Unit Getzville, NY 14068 (telephone 1-800-831-9146).

#### SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of February 1, 2018. 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	Class 2016-71-QM REMIC Certificate

#### Group 1 and Group 2

#### 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 1 MBS	\$ 61,592,549	6.00%	6.25% to 8.50%	88 to 360
Group 2 MBS	\$212,984,371	4.50%	4.75% to 7.00%	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 1 MBS	\$ 61,592,549	360	204	144	6.516%
Group 2 MBS	\$212,984,371	360	349	9	4.910%

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.

#### **Group 3 MBS**

The first table in Exhibit A-1 of this prospectus supplement lists certain assumed characteristics of the mortgage loans underlying the adjustable-rate MBS in Group 3. The assumed characteristics appearing in Exhibit A-1 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, and may differ significantly.

The second table in Exhibit A-1 of this prospectus supplement lists the pool numbers of the adjustable-rate MBS expected to be included in the Trust.

#### **Group 4**

Exhibit A-2 describes the underlying REMIC certificate in Group 4, including certain information about the related mortgage loans. To learn more about the underlying REMIC certificates you should obtain from us the current class factor and the related disclosure document as described on page S-3.

#### **Settlement Date**

We expect to issue the certificates on February 28, 2018.

#### **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 Class	R Class		

#### **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 combination 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 or on Schedule 1.

During the initial interest accrual period, the floating rate and inverse floating rate classes (other than the FB Class) will bear interest at the initial interest rates listed below. During each subsequent interest accrual period, the floating rate and inverse floating rate classes (other than

the FB Class) will bear interest based on the formulas indicated below, but always subject to the specified maximum and minimum interest rates:

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate(1)
TF	2.56175%	5.00000%	1.00%	LIBOR + 100 basis points
TS	6.06038%	11.66666%	0.00%	$11.66666\% - (3.58974359 \times LIBOR)$
TK	5.00000%	5.00000%	0.00%	$26.66666\% - (6.66666667 \times LIBOR)$
FA	1.86175%	6.50000%	0.30%	LIBOR + 30 basis points
SA	4.63825%	6.20000%	0.00%	$6.20\%-\mathrm{LIBOR}$

<sup>(1)</sup> We will establish LIBOR on the basis of the "ICE Method."

During each interest accrual period, the FB and SB Classes will bear interest at the applicable annual rates described under "Description of the Certificates—Distributions of Interest—"—*The FB Class*" and "—*The SB 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	
KI	49.999991882% of the KC Class
SA	100% of the FA Class
SB	100% of the FB Class

#### **Distributions of Principal**

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

**PSA Prepayment Assumption** 

#### Weighted Average Lives (years)\*

				1 011 1	торазы	olie i lobeli	npuon	
Group 1 Classes			0%	100%	268%	<b>500</b> %	800%	1100%
KC and KI			20.8	7.1	4.3	2.5	1.5	0.9
			PSA 1	Prepaym	ent Assu	mption		
Group 2 Classes	0%	100%	135%	152%	200%	240%	400%	700%
PA	17.2	6.9	5.8	5.8	5.8	5.8	3.9	2.4
PY	27.0	19.7	19.7	19.7	19.7	19.7	13.2	7.4
LQ	27.7	17.0	10.9	2.9	2.9	2.9	1.6	1.0
ZA	28.2	20.5	17.2	14.6	14.6	14.6	1.9	1.1
TF, TS and TK	29.0	23.2	19.9	17.7	8.4	2.5	1.0	0.5
ZB	30.0	29.1	29.1	29.1	29.1	14.5	1.7	0.9
FA and SA	19.9	10.5	8.9	8.3	6.9	6.1	4.0	2.4
				CPR I	Prepaymo	ent Assur	nption	
Group 3 Classes			0%	<u>5%</u>	10% 1	5% 25	<b>50%</b>	<b>75</b> %
FB and SB			11.1	8.0	6.0 4	6 3.0	0 1.4	0.7

		P	SA Prepa	yment A	ssumpti	on	
Group 4 Classes	0%	100%	125%	155%	200%	400%	600%
РВ	13.2	5.6	5.0	5.0	5.0	2.8	1.9
PC	22.7	13.6	13.6	13.6	13.6	7.5	4.9
PL	24.0	19.1	19.1	19.1	19.1	11.5	7.5
CP	21.9	12.5	7.8	4.9	5.5	0.9	0.5
CZ	24.9	14.8	11.0	10.1	16.5	0.9	0.6
PD	13.8	6.1	5.5	5.5	5.5	3.1	2.1

<sup>\*</sup> 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, Hurricane Irma and Hurricane Maria resulted in catastrophic damage to extensive areas of the Southeastern United States (including coastal Texas and Louisiana and coastal and inland Florida and Georgia), Puerto Rico and the U.S. Virgin Islands. The full extent of the physical damage resulting from the foregoing events, including severe flooding, high winds and environmental contamination, 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 Kingdom, in the U.S. 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.

The use of an alternative method or index in place of LIBOR for determining monthly interest rates may adversely affect the value of certain certificates. As discussed in the REMIC Prospectus under "Risk Factors-Risks Relating to Yield and Prepayment— IntercontinentalExchange BenchmarkAdministration is the new LIBOR administrator" and in this prospectus supplement under "Description of the Certificates-Distributions of Interest," 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 if, among other things, we determine that continued reliance on the customary method for determining LIBOR is no longer viable. We can provide no assurance that any such alternative method or index will yield the same or similar economic results over the lives of the related classes. In addition, although our designation of any alternative method or index will take into account various factors, including then-prevailing industry practices, there can be no assurance that broadly-adopted industry practices develop, and it is uncertain what effect any divergent industry practices will have on the value of and return on the certificates.

Payments on the Group 4 Classes will be affected by the applicable payment priority governing the Group 4 Underlying REMIC Certificate. If you invest in a Group 4 Class, the rate at which you receive payments will be affected by the applicable priority sequence governing principal payments on the Group 4 Underlying REMIC Certificate.

As described in the Underlying REMIC Disclosure Document, principal payments on the Group 4 Underlying REMIC Certificate are governed by a principal balance schedule. As a result, the Group 4 Underlying REMIC Certificate may receive principal payments faster or slower than would otherwise have been the case. In some cases, it may receive no principal

payments for extended periods. Prepayments on the related mortgage loans may have occurred at a rate faster or slower than the rate initially assumed. In certain high prepayment scenarios, it is possible that the effect of a principal balance schedule on principal payments over time may be eliminated. In such a case, the Group 4 Underlying REMIC Certificate would receive principal payments at rates that may vary widely from period to period. This prospectus supplement contains no information as to whether

• the Group 4 Underlying REMIC Certificate has adhered to the related principal balance schedule,

- any related support classes remain outstanding, or
- the Group 4 Underlying REMIC Certificate has otherwise performed as originally anticipated.

You may obtain additional information about the Group 4 Underlying REMIC Certificate by reviewing its current class factor in light of other information available in the Underlying REMIC Disclosure Document. You may obtain that document from us as described on page S-3.

#### **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 February 1, 2018 (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 fixed pass-through rates (the "Group 1 MBS" and "Group 2 MBS," and together, the "Fixed Rate MBS"),
- one group of Fannie Mae Guaranteed Mortgage Pass-Through Certificates having variable pass-through rates (the "Group 3 MBS" or "ARM MBS"), and
- a previously issued REMIC Certificate (the "Group 4 Underlying REMIC Certificate") issued from the related Fannie Mae REMIC trust (the "Underlying REMIC Trust"), as further described in Exhibit A-2.

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

The Group 4 Underlying REMIC Certificate evidences direct or indirect beneficial ownership interests in certain Fannie Mae Guaranteed Mortgage Pass-Through Certificates (together with the Trust MBS, 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 constitute a "real estate mortgage investment conduit" ("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 the REMIC. The REMIC Certificates other than the R Class are collectively referred to as the "Regular Classes" or "Regular Certificates," and the R Class is referred to as the "Residual Class" or "Residual Certificate."

	Assets	Regular Interests	Residual Interest
REMIC	Trust MBS and Group 4 Underlying REMIC Certificate	All Classes of REMIC Certificates other	R
		than the R Class	

Fannie Mae Guaranty. For a description of our guaranties of the Certificates, the MBS and the Group 4 Underlying REMIC Certificate, see the applicable discussions appearing under the heading "Fannie Mae Guaranty" in the REMIC Prospectus, the MBS Prospectus and the Underlying REMIC Disclosure Document. 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 Certificate in fully registered, certificated form. The "Holder" or "Certificateholder" of the Residual Certificate is its registered owner. The 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 the Residual Certificate and may require payment to cover any tax or other governmental charge. See also "—Characteristics of the Residual Class" below.

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

Classes	<b>Denominations</b>
Interest Only and Inverse Floating	\$100,000 minimum plus whole dollar increments
Rate Classes	
All other Classes (except the R Class)	\$1,000 minimum plus whole dollar increments

#### 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 1 and Group 2—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.

#### 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 Hybrid ARM Loans at the Issue Date.

#### General

The Mortgage Loans underlying the ARM MBS in Group 3 (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 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 conventional, adjustable-rate mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. The Hybrid ARM Loans generally have original maturities of up to 40 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 to this prospectus supplement for the pool numbers of the ARM MBS expected to be included in the Trust.

Characteristics of the Hybrid ARM Loans

**Applicable Indices** 

After the initial fixed-rate period, the interest rate (the "ARM Rate") for the Hybrid ARM Loans will adjust

- in the case of approximately 78% of the Hybrid ARM Loans, 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;
- in the case of approximately 13% of the Hybrid ARM Loans, annually based on the One-Year Treasury Index (the "One-Year Treasury ARM Loans") as available generally 30 days or 45 days, as applicable, prior to the related interest rate adjustment date; or
- in the case of approximately 9% of the Hybrid ARM Loans, 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.

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 note.

#### **Initial Interest Only Periods**

The scheduled monthly payments on approximately 16% of the Hybrid ARM Loans represented accrued interest only for periods that may 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, 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	10 years		
1%	26%	68%	3%	2%		

#### **ARM Rate Changes**

After the initial fixed-rate period, the ARM Rate of each Hybrid ARM Loan is set annually or semi-annually, as applicable, 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 generally may not deviate by more than 1, 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 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, 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 One-Year LIBOR ARM Loans and One-Year Treasury ARM Loans, generally on each anniversary of the date specified in the related mortgage note, or
- in the case of the Six-Month LIBOR ARM Loans, at six-month intervals after 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 5% of the Hybrid ARM Loans 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.

#### Option to Convert to Fixed Rate

Approximately 2% of the Hybrid ARM Loans 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.

#### **Prepayment Premium Periods**

Approximately 5% of the Hybrid ARM Loans 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.

#### Government Loans

Approximately 1% of the Hybrid ARM Loans are insured by the Federal Housing Administration (FHA) or guaranteed by the U.S. Department of Veterans Affairs (VA) or the Rural Housing Service of the U.S. Department of Agriculture (RHS) (together, the "government loans"). The government loans may include certain higher balance FHA loans originated on or after March 6, 2008.

#### The Group 4 Underlying REMIC Certificate

The Group 4 Underlying REMIC Certificate represents beneficial ownership interests in the related Underlying REMIC Trust. The assets of that trust consist of MBS (or beneficial ownership interests in MBS) having the general characteristics set forth in the MBS Prospectus. Each MBS evidences beneficial ownership interests in a pool of conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties, as described under "The Mortgage Loan Pools" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus.

In addition, the pools of mortgage loans backing the Group 4 Underlying REMIC Certificate have been designated as pools that include "jumbo-conforming" or "high balance" mortgage loans as described further under "The Mortgage Loans—Mortgage Loans with Original Principal Balances Exceeding our Traditional Conforming Loan Limits" in the MBS Prospectus dated June 1, 2016. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at <a href="www.fanniemae.com">www.fanniemae.com</a>. For additional information about the particular pools backing the Group 4 Underlying REMIC Certificate, see the Final Data Statement for the related trust and the related prospectus supplement for each MBS. See also "Risk Factors—Risks Relating to Yield and Prepayment—"Jumbo-conforming" mortgage loans, which have original principal balances that exceed our traditional conforming loan limits, may prepay at different rates than conforming balance mortgage loans generally" in the MBS Prospectus dated June 1, 2016.

Distributions on the Group 4 Underlying REMIC Certificate will be passed through monthly, beginning in the month after we issue the Certificates. The general characteristics of the Group 4 Underlying REMIC Certificate are described in the Underlying REMIC Disclosure Document. See Exhibit A-2 for certain additional information about the Group 4 Underlying REMIC Certificate. Exhibit A-2 is provided in lieu of a Final Data Statement with respect to the Group 4 Underlying REMIC Certificate.

For further information about the Group 4 Underlying REMIC Certificate, telephone us at 800-2FANNIE. Additional information about the Group 4 Underlying REMIC Certificate is also available at <a href="https://mbsdisclosure.fanniemae.com/PoolTalk2/index.html">https://mbsdisclosure.fanniemae.com/PoolTalk2/index.html</a>. There may have been material changes in facts and circumstances since the date we prepared the Underlying REMIC Disclosure Document. These may include changes in prepayment speeds, prevailing interest rates and other economic factors. As a result, the usefulness of the information set forth in that document may be limited.

#### **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. If we determine that the methods for establishing LIBOR are no longer viable or that prevailing industry practices with respect to benchmark rates have transitioned, or are very likely to transition, away from the use of LIBOR, 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. In making any such designation, we will take into account general comparability and other factors, including then-prevailing industry practices. Further, we may apply an adjustment factor to any designated alternative index as deemed appropriate to better achieve comparability to the current index and otherwise in keeping with industry-accepted practices. See "Additional Risk Factors—The use of an alternative method or index in place of LIBOR for determining monthly interest rates 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 FA and SA Classes

FA and SA Classes

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

Accrual Classes. The ZA, ZB 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 FB Class.

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

• LIBOR + 25 basis points (but in no event less than 0.25%)

or

• the Weighted Average Group 3 MBS Pass-Through Rate.

The "Weighted Average Group 3 MBS Pass-Through Rate" for any Distribution Date is equal to the weighted average of the pass-through rates of the Group 3 MBS for that Distribution Date (weighted on the basis of the principal balances of the Group 3 MBS after giving effect to distributions of principal made on the immediately preceding Distribution Date).

During the initial interest accrual period, the FB Class will bear interest at an annual rate of 1.8375%. Our determination of the interest rate for the FB 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 SB Class.

On each Distribution Date, we will pay interest on the SB 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 3 MBS

over

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

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

multiplied by

• 12.

During the initial interest accrual period, the SB Class is expected to bear interest at an annual rate of approximately 1.593%. Our determination of the interest rate for the SB 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 KC until retired.

Pass-Through Class

The "Group 1 Principal Distribution Amount" is the principal then paid on the Group 1 MBS.

• Group 2 Accretion Directed Class and Accrual Class The ZA Accrual Amount to LQ until retired, and thereafter to ZA. Accretion Directed Classes and Accrual Class The ZB Accrual amount to TF, TS and TK, pro rata, until retired, and thereafter to ZB. The Group 2 Cash Flow Distribution Amount as follows: Pass-Through Class 33.3333331768% to FA until retired, and 66.6666668232% as follows first, to Aggregate Group I to its Planned Balance; PAC Groups second, to Aggregate Group II to its Planned Balance; third, to TF, TS and TK, pro rata, until retired; Support Classes fourth, to ZB until retired; fifth, to Aggregate Group II to zero, and PAC Groups sixth, to Aggregate Group I to zero.

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

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

The "Group 2 Cash Flow Distribution Amount" is the principal then paid on the Group 2 MBS.

"Aggregate Group I" consists of the PA and PY Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I to PA and PY, in that order, until retired.

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

"Aggregate Group II" consists of the LQ and ZA Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II to LQ and ZA, 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.

• Group 3

The Group 3 Principal Distribution Amount to FB until retired.

Pass-Through Class

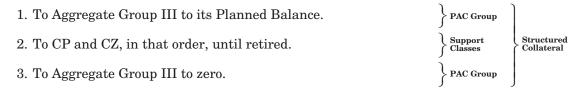
The "Group 3 Principal Distribution Amount" is the principal then paid on the Group 3 MBS.

• Group 4

The CZ Accrual Amount to CP until retired, and thereafter to CZ.

Accretion
Directed
Class and
Accrual Clas

The Group 4 Cash Flow Distribution Amount in the following priority:



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 Underlying REMIC Certificate.

"Aggregate Group III" consists of the PB, PC and PL Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group III to PB, PC and PL, in that order, until retired.

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

#### **Structuring Assumptions**

Pricing Assumptions. Except where otherwise noted, the information in the tables in this prospectus supplement has been prepared based on the actual characteristics of each pool of Mortgage Loans backing the Group 4 Underlying REMIC Certificate, the applicable priority sequence governing principal payments on the Group 4 Underlying REMIC Certificate, and the

following assumptions (such characteristics and assumptions, collectively, 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 1 and Group 2—Assumed Characteristics of the Underlying Mortgage Loans" in this prospectus supplement;
- the Hybrid ARM Loans have the characteristics set forth in Exhibit A-1 to this prospectus supplement;
- with respect to the Hybrid Arm Loans, the Six-Month WSJ LIBOR Index, One-Year WSJ LIBOR Index and One-Year Treasury Index values are and remain 2.05715%, 2.32688% and 1.96%, 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 February 28, 2018; 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 all Classes other than the Group 3 Classes is PSA. For a description of PSA, 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 Classes is CPR. For a description of CPR, 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 is the range of prepayment rates (measured by constant PSA rates) that would reduce that Aggregate Group 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.

$\underline{\text{Groups}}$	Structuring Ranges	Initial Effective Ranges
Aggregate Group I Planned Balances	Between 135% and 240% PSA	Between 135% and 240% PSA
Aggregate Group II Planned Balances	Between 152% and 240% PSA	Between 152% and 240% PSA
Aggregate Group III Planned Balances	Between 125% and 200% PSA	Between 125% and 200% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	PA and PY
Aggregate Group II	LQ and ZA
Aggregate Group III	PB, PC and PL

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 Ranges, based on the Pricing Assumptions.

We cannot assure you that the balance of any Aggregate Group will conform on any Distribution Date to the balance specified in the Principal Balance Schedules or that distributions of principal of any Aggregate Group 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 an Aggregate Group to its scheduled balance in any month. As a result, the likelihood of reducing an Aggregate Group to its scheduled balance 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 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 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 will be supported by one or more other Classes. When the related supporting Class or Classes are retired, the Aggregate Group 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 Fixed Rate Interest Only Class. The yield to investors in the Fixed Rate Interest Only Class 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 the Fixed Rate Interest Only Class would be 0% if prepayments of the related Mortgage Loans were to occur at the following constant rate:

Class	% PSA
KI	295%

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 table has been prepared on the basis of the Pricing Assumptions and the assumption that the aggregate purchase price of the Fixed Rate Interest Only Class (expressed as a percentage of original principal balance) is as follows:

Class	Price*
KI	23.80%

<sup>\*</sup> 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.

#### Sensitivity of the KI Class to Prepayments

	PSA Prepayment Assumption						
	50%	100%	268%	500%	800%	1100%	
Pre-Tax Yields to Maturity	16.8%	13.5%	1.9%	(15.3)%	(40.3)%	(70.4)%	

The Inverse Floating Rate Classes. The yields on the Inverse Floating Rate Classes will be sensitive in varying degrees 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 related Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. As illustrated in the applicable table below, it is possible that investors in the SA 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 tables has been prepared on the basis of the Pricing Assumptions and the assumptions that

- the interest rates for the Inverse Floating Rate Classes for the initial Interest Accrual Period are the rates 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 prices of those Classes (expressed in each case as a percentage of original principal balance) are as follows:

Class	Price*
TS	94.00%
TK	97.70%
SA	17.70%

<sup>\*</sup> 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.

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

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

	PSA Prepayment Assumption							
LIBOR	50%	100%	135%	152%	200%	240%	400%	700%
0.56175%	10.5%	10.5%	10.5%	10.6%	11.1%	12.6%	16.3%	21.6%
$1.56175\% \dots \dots$	6.6%	6.6%	6.7%	6.7%	7.2%	8.8%	12.6%	18.1%
3.25000%	0.2%	0.3%	0.3%	0.4%	0.8%	2.5%	6.5%	12.3%

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

	PSA Prepayment Assumption							
LIBOR	50%	100%	135%	152%	200%	240%	400%	700%
3.250%	5.2%	5.2%	5.2%	5.2%	5.4%	6.0%	7.2%	9.1%
3.625%	2.6%	2.6%	2.7%	2.7%	2.8%	3.4%	4.8%	6.8%
4.000% and above	0.1%	0.1%	0.1%	0.1%	0.3%	1.0%	2.4%	4.6%

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

PSA	Prepaym	ent Assu	mption

LIBOR	50%	100%	135%	152%	200%	240%	400%	700%
0.56175%	28.8%	25.9%	23.8%	22.8%	19.9%	17.5%	7.5%	(12.5)%
$1.56175\% \dots \dots$	22.5%	19.6%	17.5%	16.5%	13.6%	11.2%	1.1%	(19.1)%
$3.56175\% \dots \dots$	9.7%	6.7%	4.7%	3.6%	0.7%	(1.7)%	(11.8)%	(32.3)%
$5.56175\% \dots \dots \dots$	(6.4)%	(9.2)%	(11.3)%	(12.3)%	(15.1)%	(17.5)%	(27.4)%	(48.0)%
6 20000%	*	*	*	*	*	*	*	*

The SB Class. The yield to investors in the SB Class will be very sensitive to the rate of principal payments (including prepayments) of the Hybrid ARM Loans and to the level of LIBOR. The yield will also be sensitive to the weighted average interest rate of the 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 SB Class 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,
- the priority sequences of distributions of principal of the Group 2 and Group 4 Classes, and
- in the case of the Group 4 Classes, the applicable priority sequence affecting distributions of principal on the Group 4 Underlying REMIC Certificate.

See "—Distributions of Principal" above and "Description of the Certificates—Distributions of Principal" in the Underlying REMIC Disclosure Document.

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 Class (other than the Group 3 Classes) 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 Terms to <u>Maturity</u>	Remaining Terms to Maturity	Interest Rates
Group 1 MBS	360 months	360 months	8.50%
Group 2 MBS	360 months	360 months	7.00%
Group 4 Underlying REMIC Certificate	360 months	343 months	5.50%

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**

			KC and I	XI† Classe	es					PA	Class			
				epayment mption	ţ						payment nption			
Date	0%	100%	268%	500%	800%	1100%	0%	100%	135%	152%	200%	240%	400%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2019	99	91	81	68	50	33	99	94	92	92	92	92	92	92
February 2020	98	82	66	46	25	11	97	85	81	81	81	81	80	54
February 2021	98	74	53	31	13	4	96	76	70	70	70	70	58	27
February 2022	97	67	42	20	6	1	94	67	60	60	60	60	41	12
February 2023	95	59	34	14	3	*	92	59	51	51	51	51	28	3
February 2024	94	53	27	9	2	*	90	52	42	42	42	42	19	0
February 2025	93	46	21	6	1	*	88	45	35	35	35	35	12	0
February 2026	92	40	16	4	*	*	86	38	28	28	28	28	7	0
February 2027	90	35	13	2	*	*	84	32	22	22	22	22	3	0
February 2028	89	29	9	2	*	*	81	27	17	17	17	17	*	0
February 2029	87	$\frac{1}{24}$	7	$\bar{1}$	*	*	78	$\overline{21}$	$\overline{12}$	$\overline{12}$	$\overline{12}$	12	0	Õ
February 2030	85	20	5	1	*	*	76	16	9	9	9	9	0	0
February 2031	83	15	4	*	*	*	72	12	6	6	6	6	Õ	Õ
February 2032	81	11	$\bar{2}$	*	*	*	69	7	ž	3	ž	ã	Õ	Õ
February 2033	78	7	1	*	*	*	66	3	ĩ	ĭ	ĩ	Ĭ	Õ	Õ
February 2034	75	3	ī	*	*	0	62	Õ	0	0	0	0	Õ	Õ
February 2035	72	ő	Õ	0	0	ŏ	58	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2036	69	Õ	Õ	Õ	Õ	0	53	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2037	66	Õ	Õ	Õ	Õ	0	48	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2038	62	ŏ	ŏ	ŏ	ŏ	ŏ	43	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2039	58	Õ	ő	ŏ	ő	ŏ	38	ő	Õ	Õ	Õ	ŏ	ŏ	ő
February 2040	53	Õ	Õ	ŏ	ő	ŏ	32	ő	Õ	Õ	Õ	ŏ	ŏ	ő
February 2041	49	ŏ	ŏ	ŏ	ŏ	ŏ	$\frac{32}{26}$	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2042	43	Õ	Õ	Õ	Õ	0	19	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2043	37	Õ	ő	Õ	ő	ŏ	12	ő	Õ	Õ	Õ	Õ	Õ	ő
February 2044	31	ŏ	ŏ	ŏ	ŏ	ŏ	4	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ŏ
February 2045	24	Õ	Õ	Õ	ő	ŏ	0	ő	Õ	Õ	Õ	Õ	Õ	ő
February 2046	$\tilde{1}\tilde{7}$	ŏ	ő	Õ	ő	ő	0	ő	ő	ő	ő	ő	ő	ő
February 2047	9	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ő
February 2048	0	ő	0	Õ	ő	ő	ő	ő	Õ	ő	ő	ŏ	Õ	ő
Weighted Average	v	Ü	Ü	Ü	v	J	v	Ü	Ü	Ü	Ü	Ü	Ü	0
	00.0	7.1	4.0	0.5	1 5	0.0	17.0	<i>c</i> 0	F 0	F 0	F 0	F 0	2.0	0.4
Life (years)**	20.8	7.1	4.3	2.5	1.5	0.9	17.2	6.9	5.8	5.8	5.8	5.8	3.9	2.4

<sup>\*</sup> 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.

<sup>†</sup> In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

				PY	Class							LQ	Class			
				PSA Pre Assun	paymen nption	t							paymen nption	t		
Date	0%	100%	135%	152%	200%	240%	400%	700%	0%	100%	135%	152%	200%	240%	400%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2019	100	100	100	100	100	100	100	100	100	100	100	85	85	85	85	33
February 2020	100	100	100	100	100	100	100	100	100	100	100	63	63	63	0	0
February 2021	100	100	100	100	100	100	100	100	100	100	100	42	42	42	0	0
February 2022	100	100	100	100	100	100	100	100	100	100	100	$^{27}$	27	27	0	0
February 2023	100	100	100	100	100	100	100	100	100	100	100	15	15	15	0	0
February 2024	100	100	100	100	100	100	100	81	100	100	100	7	7	7	0	0
February 2025	100	100	100	100	100	100	100	46	100	100	100	2	2	2	0	0
February 2026	100	100	100	100	100	100	100	26	100	100	99	0	0	0	0	0
February 2027	100	100	100	100	100	100	100	15	100	100	90	0	0	0	0	0
February 2028	100	100	100	100	100	100	100	8	100	100	73	0	0	0	0	0
February 2029	100	100	100	100	100	100	74	5	100	100	50	0	0	0	0	0
February 2030	100	100	100	100	100	100	54	3	100	100	23	0	0	0	0	0
February 2031	100	100	100	100	100	100	40	1	100	100	0	0	0	0	0	0
February 2032	100	100	100	100	100	100	29	1	100	100	0	0	0	0	0	0
February 2033	100	100	100	100	100	100	21	*	100	100	0	0	0	0	0	0
February 2034	100	94	94	94	94	94	15	*	100	94	Õ	Õ	Õ	Õ	Õ	Õ
February 2035	100	76	76	76	76	76	11	*	100	49	0	0	0	0	0	0
February 2036	100	61	61	61	61	61	8	*	100	3	Õ	Õ	Õ	Õ	Õ	Õ
February 2037	100	48	48	48	48	48	5	*	100	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2038	100	38	38	38	38	38	4	*	100	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2039	100	30	30	30	30	30	3	*	100	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2040	100	23	23	$\overset{\circ}{23}$	23	$\frac{23}{23}$	$\tilde{2}$	*	100	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2041	100	17	17	17	17	17	$\bar{1}$	*	100	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2042	100	13	13	13	13	13	ī	*	100	ő	ő	ő	ő	ő	ő	ő
February 2043	100	9	9	9	9	9	*	*	100	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2044	100	6	6	6	6	6	*	*	100	ő	ő	ő	ő	ő	Õ	ő
February 2045	50	3	3	3	3	3	*	*	100	Õ	Õ	ő	Õ	Õ	Õ	ő
February 2046	2	$\overset{\circ}{2}$	2	$\overset{\circ}{2}$	2	$\overset{\circ}{2}$	*	*	0	ő	ő	ŏ	ŏ	ŏ	ŏ	ŏ
February 2047	*	*	*	*	*	*	*	*	ő	ő	ő	ő	ő	ŏ	ő	ő
February 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average	U	U	U	U	U	U	U	U	U	O	U	U	U	U	U	U
Life (years)**	27.0	19.7	19.7	19.7	19.7	19.7	13.2	7.4	27.7	17.0	10.9	2.9	2.9	2.9	1.6	1.0

				ZA (	Class						TF	, TS and	TK Clas	ses		
					paymen nption	t						PSA Pre Assur	paymen nption	t		
Date	0%	100%	135%	152%	200%	240%	400%	700%	0%	100%	135%	152%	200%	240%	400%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2019	104	104	104	104	104	104	104	104	100	100	100	100	90	82	49	0
February 2020	107	107	107	107	107	107	0	0	100	100	100	100	75	55	0	0
February 2021	111	111	111	111	111	111	0	0	100	100	100	100	63	33	0	0
February 2022	115	115	115	115	115	115	0	0	100	100	100	100	54	18	0	0
February 2023	119	119	119	119	119	119	0	0	100	100	100	100	47	8	0	0
February 2024	123	123	123	123	123	123	0	0	100	100	100	100	44	2	0	0
February 2025	128	128	128	128	128	128	0	0	100	100	100	100	42	*	0	0
February 2026	132	132	132	42	42	42	0	0	100	100	100	99	41	0	0	0
February 2027	137	137	137	42	42	42	0	0	100	100	100	97	39	0	0	0
February 2028	142	142	142	42	42	42	0	0	100	100	100	93	37	0	0	0
February 2029	147	147	147	42	42	42	0	0	100	100	100	88	34	0	0	0
February 2030	152	152	152	42	42	42	0	0	100	100	100	83	31	0	0	0
February 2031	158	158	42	42	42	42	0	0	100	100	98	77	28	0	0	0
February 2032	163	163	42	42	42	42	0	0	100	100	91	70	26	0	0	0
February 2033	169	169	42	42	42	42	0	0	100	100	83	64	23	0	0	0
February 2034	175	175	42	42	42	42	0	0	100	100	75	57	20	0	0	0
February 2035	181	181	42	42	42	42	0	0	100	100	67	51	18	0	0	0
February 2036	188	188	42	42	42	42	0	0	100	100	60	45	15	0	0	0
February 2037	194	42	42	$\frac{42}{42}$	$\frac{42}{42}$	$\frac{42}{42}$	0	0	100	90	53 46	39	13	0	0	0
February 2038	201	42	$\frac{42}{42}$				0	0	100	79 60	46 39	$\frac{34}{29}$	11 9	0	0	0
February 2039	$\frac{208}{216}$	$\frac{42}{42}$	42 42	$\frac{42}{42}$	$\frac{42}{42}$	$\frac{42}{42}$	0	0	100 100	69 59	33	29 24	9 7	0	0	0
February 2040 February 2041	$\frac{210}{223}$	$\frac{42}{42}$	$\frac{42}{42}$	42 42	42 42	$\frac{42}{42}$	0	0	100	59 50	33 27	24 20	6	0	0	0
February 2042	231	42	42	42	42	42	0	0	100	40	22	16	5	0	0	0
February 2043	$\frac{231}{240}$	42	42	42	42	42	0	0	100	32	17	12	3	0	0	0
February 2044	$\frac{240}{248}$	42	42	42	42	42	0	0	100	$\frac{32}{23}$	12	8	$\frac{3}{2}$	0	0	0
February 2045	$\frac{240}{257}$	42	42	42	42	42	0	0	100	15	8	5	$\frac{2}{2}$	0	0	0
February 2046	42	42	42	42	42	42	0	0	98	8	4	3	1	0	0	0
February 2047	42	42	42	42	42	42	0	0	51	1	*	*	*	0	0	0
February 2048	0	0	0	-0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Life (years)**	28.2	20.5	17.2	14.6	14.6	14.6	1.9	1.1	29.0	23.2	19.9	17.7	8.4	2.5	1.0	0.5
Line (years)	40.4	20.5	11.4	14.0	14.0	14.0	1.5	1.1	49.0	40.4	19.9	11.1	0.4	۷.5	1.0	0.5

<sup>\*</sup> 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.

				ZB (	Class						F	A and S	A† Class	es		
				PSA Pre Assun	paymen nption	t							paymen nption	t		
Date	0%	100%	135%	152%	200%	240%	400%	700%	0%	100%	135%	152%	200%	240%	400%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2019	104	104	104	104	104	104	104	0	99	95	94	94	92	91	86	77
February 2020	107	107	107	107	107	107	0	0	98	89	86	85	81	78	66	47
February 2021	111	111	111	111	111	111	0	0	97	82	78	75	70	65	50	27
February 2022	115	115	115	115	115	115	0	0	95	75	70	67	60	55	37	15
February 2023	119	119	119	119	119	119	0	0	94	69	63	60	52	46	27	9
February 2024	123	123	123	123	123	123	0	0	93	64	56	53	45	39	20	5
February 2025	128	128	128	128	128	128	0	0	91	59	51	47	38	32	15	3
February 2026	132	132	132	132	132	43	0	0	89	54	45	42	33	$^{27}$	11	2
February 2027	137	137	137	137	137	43	0	0	88	49	41	37	28	22	8	1
February 2028	142	142	142	142	142	43	0	0	86	45	36	33	$^{24}$	19	6	*
February 2029	147	147	147	147	147	43	0	0	84	41	32	29	20	15	4	*
February 2030	152	152	152	152	152	43	0	0	82	37	28	25	17	13	3	*
February 2031	158	158	158	158	158	43	0	0	79	33	25	22	15	10	2	*
February 2032	163	163	163	163	163	43	0	0	77	30	22	19	12	9	2	*
February 2033	169	169	169	169	169	43	0	0	74	27	19	17	10	7	1	*
February 2034	175	175	175	175	175	43	0	0	71	$^{24}$	17	14	9	6	1	*
February 2035	181	181	181	181	181	43	0	0	68	21	15	12	7	5	1	*
February 2036	188	188	188	188	188	43	0	0	65	19	13	10	6	4	*	*
February 2037	194	194	194	194	194	43	0	0	61	16	11	9	5	3	*	*
February 2038	201	201	201	201	201	43	0	0	57	14	9	7	4	2	*	*
February 2039	208	208	208	208	208	43	0	0	53	12	8	6	3	2	*	*
February 2040	216	216	216	216	216	43	0	0	49	10	6	5	3	1	*	*
February 2041	223	223	223	223	223	43	0	0	44	8	5	4	2	1	*	*
February 2042	231	231	231	231	231	43	0	0	39	7	4	3	1	1	*	*
February 2043	240	240	240	240	240	43	0	0	34	5	3	$^{2}$	1	1	*	*
February 2044	248	248	248	248	248	43	0	0	28	4	2	2	1	*	*	*
February 2045	257	257	257	257	257	43	0	0	22	2	1	1	*	*	*	*
February 2046	266	266	266	266	266	43	0	0	15	1	1	*	*	*	*	*
February 2047	276	276	276	276	276	43	0	0	8	*	*	*	*	*	*	0
February 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	30.0	29.1	29.1	29.1	29.1	14.5	1.7	0.9	19.9	10.5	8.9	8.3	6.9	6.1	4.0	2.4

\* 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.

FB and SB† Classes

				Prepayi sumption			
Date	0%	5%	10%	15%	25%	50%	<b>75</b> %
Initial Percent	100	100	100	100	100	100	100
February 2019	96	92	87	82	72	48	$^{24}$
February 2020	93	84	75	67	52	23	6
February 2021	89	76	65	55	38	11	1
February 2022	85	69	56	45	27	5	*
February 2023	81	63	48	36	19	3	*
February 2024	77	57	41	29	14	1	*
February 2025	72	51	35	23	10	1	*
February 2026	68	45	29	18	7	*	*
February 2027	63	40	24	15	5	*	*
February 2028	58	35	20	11	3	*	*
February 2029	52	30	16	9	2	*	*
February 2030	47	25	13	7	$\bar{1}$	*	0
February 2031	$\frac{1}{41}$	$\overline{21}$	10	5	î	*	ŏ
February 2032	34	17	8	4	ī	*	Õ
February 2033	28	13	6	$\hat{2}$	*	*	ő
February 2034	$\frac{20}{22}$	10	$\overset{\circ}{4}$	$\bar{2}$	*	*	ŏ
February 2035	17	7	3	ĩ	*	*	ő
February 2036	13	5	2	1	*	*	ő
February 2037	10	4	1	*	*	*	ő
February 2038	7	3	1	*	*	*	ő
February 2039	5	2	1	*	*	0	ő
February 2040	$\overset{3}{2}$	1	*	*	*	ő	ő
February 2041	*	*	*	*	*	ő	ő
February 2042	*	*	*	*	*	0	0
February 2043	*	*	*	*	*	0	0
February 2044	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
February 2045	0	0	0	0	0	0	0
February 2046 February 2047	0	0	0	0	0	0	0
February 2048	0	0	0	0	0	0	0
	0	0	0	0	0	0	0
February 2049							
February 2050	0	0	0	0	0	0	0
February 2051	0	0	0	0	0	0	0
February 2052	0	0	0	0	0	0	0
February 2053	0	0	0	0	0	0	0
February 2054	0	0	0	0	0	0	0
February 2055	0	0	0	0	0	0	0
February 2056	0	0	0	0	0	0	0
February 2057	0	0	0	0	0	0	0
February 2058	0	0	0	0	0	0	0
Weighted Average							
Life (years)**	11.1	8.0	6.0	4.6	3.0	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.

				PB Class	3						PC Class			
				A Prepayr Assumption						PSA A	A Prepayr Assumptio	nent on		
Date	0%	100%	125%	155%	200%	400%	600%	0%	100%	125%	155%	200%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2019	98	90	88	88	88	87	73	100	100	100	100	100	100	100
February 2020	95	79	76	76	76	60	39	100	100	100	100	100	100	100
February 2021	92	69	65	65	65	40	17	100	100	100	100	100	100	100
February 2022	89	60	55	55	55	25	4	100	100	100	100	100	100	100
February 2023	86	51	45	45	45	13	0	100	100	100	100	100	100	34
February 2024	83	43	36	36	36	5	0	100	100	100	100	100	100	0
February 2025	80	35	28	28	28	0	0	100	100	100	100	100	84	0
February 2026	76	28	21	21	21	0	0	100	100	100	100	100	17	0
February 2027	72	21	15	15	15	0	0	100	100	100	100	100	0	0
February 2028	69	15	10	10	10	0	0	100	100	100	100	100	0	0
February 2029	64	9	5	5	5	0	0	100	100	100	100	100	0	0
February 2030	60	3	1	1	1	0	0	100	100	100	100	100	0	0
February 2031	56	Õ	0	Ō	Ō	Õ	Õ	100	71	71	71	71	Õ	Õ
February 2032	51	Õ	Õ	Õ	Õ	Õ	Õ	100	30	30	30	30	0	Õ
February 2033	46	ŏ	ő	ő	ŏ	ŏ	ő	100	0	0	0	0	ŏ	Õ
February 2034	40	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	100	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2035	35	ŏ	Õ	Õ	ŏ	ŏ	ő	100	ŏ	ŏ	ŏ	ŏ	ŏ	Õ
February 2036	29	ő	ő	ő	Õ	ŏ	0	100	ő	ő	ő	ŏ	ő	ñ
February 2037	$\frac{23}{23}$	ŏ	0	Õ	ŏ	ŏ	ő	100	0	ŏ	ŏ	ŏ	ŏ	Õ
February 2038	16	ő	ő	ő	Õ	ŏ	0	100	ő	ő	ŏ	ŏ	ő	ñ
February 2039	9	0	0	0	0	0	0	100	0	0	0	0	0	0
February 2040	$\overset{\circ}{2}$	ő	0	ő	ő	0	ő	100	0	ő	ő	ŏ	ő	ñ
February 2041	Õ	0	0	0	0	0	0	17	0	0	0	ő	0	0
February 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	ñ
February 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2047	0	0		0	0	0		0	0	0	0	0		0
February 2048	U	U	0	U	U	U	0	U	U	U	U	U	0	U
Weighted Average														
Life (years)**	13.2	5.6	5.0	5.0	5.0	2.8	1.9	22.7	13.6	13.6	13.6	13.6	7.5	4.9

			F	L Cla	ss					(	P Cla	ss					(	Z Cla	ss		
				Prepay sumpt	yment ion						Prepay sumpt	ment ion						Prepay sumpt	yment ion		
Date	0%	100%	125%	155%	200%	400%	600%	0%	100%	125%	155%	200%	400%	600%	0%	100%	125%	155%	200%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2019	100	100	100	100	100	100	100	99	99	99	99	99	0	0	103	103	103	103	103	0	0
February 2020		100	100	100	100	100	100	99	99	99	99	99	0	0	106	106	106	106	106	0	0
February 2021		100	100	100	100	100	100	98	98	98	91	91	0	0	109	109	109	109	109	0	0
February 2022		100	100	100	100	100	100	97	97	97	74	74	0	0	113	113	113	113	113	0	0
February 2023		100	100	100	100	100	100	96	96	96	48	48	0	0	116	116	116	116	116	0	0
February 2024		100	100	100	100	100	74	96	96	96	22	18	0	0	120	120	120	120	120	0	0
<u>February 2025</u>		100	100	100	100	100	46	95	95	89	6	14	0	0	123	123	123	123	123	0	0
February 2026	100	100	100	100	100	100	29	94	94	51	0	13	0	0	127	127	127	47	127	0	0
February 2027		100	100	100	100	81	18	93	93	0	0	12	0	0	131	131	67	22	131	0	0
<u>February 2028</u>		100	100	100	100	59	11	92	92	0	0	11	0	0	135	135	13	13	135	0	0
February 2029	100	100	100	100	100	43	7	91	91	0	0	9	0	0	139	139	13	13	139	0	0
February 2030		100	100	100	100	31	4	90	90	0	0	5	0	0	143	143	13	13	143	0	0
<u>February 2031</u>	100	100	100	100	100	23	3	89	69	0	0	0	0	0	148	148	13	13	147	0	0
February 2032	100	100	100	100	100	16	2	88	0	0	0	0	0	0	152	13	13	13	122	0	0
February 2033	100	97	97	97	97	12	1	87	0	0	0	0	0	0	157	13	13	13	94	0	0
<u>February 2034</u>	100	80	80	80	80	8	1	86	0	0	0	0	0	0	162	13	13	13	65	0	0
February 2035	100	65	65	65	65	6	*	85	0	0	0	0	0	0	166	13	13	13	35	0	0
February 2036		53	53	53	53	4	*	84	0	0	0	0	0	0	171	13	13	13	13	0	0
February 2037		42	42	42	42	3	*	83	0	0	0	0	0	0	177	13	13	13	13	0	0
February 2038		34	34	34	34	2	*	81	0	0	0	0	0	0	182	13	13	13	13	0	0
February 2039	100	26	26	26	26	1	*	80	0	0	0	0	0	0	188	13	13	13	13	0	0
February 2040	100	20	20	20	20	1	*	79	0	0	0	0	0	0	193	13	13	13	13	0	0
February 2041	100	15	15	15	15	1	*	78	0	0	0	0	0	0	199	13	13	13	13	0	0
February 2042	41	11	11	11	11	*	*	76	0	0	0	0	0	0	205	13	13	13	13	0	0
February 2043	7	7	7	7	7	*	*	0	0	0	0	0	0	0	13	13	13	13	13	0	0
February 2044	4	4	4	4	4	*	*	0	0	0	0	0	0	0	13	13	13	13	13	0	0
February 2045	2	2	2	2	2	*	*	0	0	0	0	0	0	0	13	13	13	13	8	0	0
February 2046	*	*	*	*	*	*	*	0	0	0	0	0	0	0	13	13	13	10	*	0	0
February 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	24.0	19.1	19.1	19.1	19.1	11.5	7.5	21.9	12.5	7.8	4.9	5.5	0.9	0.5	24.9	14.8	11.0	10.1	16.5	0.9	0.6

<sup>\*</sup> 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.

				PD Clas	s		
				Prepay ssumpti			
Date	0%	100%	125%	155%	200%	400%	600%
Initial Percent	100	100	100	100	100	100	100
February 2019	98	91	89	89	89	88	75
February 2020	95	81	78	78	78	62	43
February 2021	93	71	67	67	67	44	23
February 2022	90	63	57	57	57	29	10
February 2023	87	54	48	48	48	19	2
February 2024	84	47	40	40	40	11	0
February 2025	81	39	33	33	33	5	0
February 2026	78	33	26	26	26	1	0
February 2027	74	26	20	20	20	0	0
February 2028	71	20	15	15	15	0	0
February 2029	67	15	11	11	11	0	0
February 2030	63	9	8	8	8	0	0
February 2031	58	5	5	5	5	Õ	Õ
February 2032	54	2	2	2	2	0	0
February 2033	49	0	0	0	0	0	0
February 2034	44	Õ	Õ	Õ	Õ	Õ	Õ
February 2035	39	0	0	0	0	0	0
February 2036	33	Õ	Õ	Õ	Õ	Õ	Õ
February 2037	28	Õ	Õ	Õ	Õ	Õ	Õ
February 2038	$\frac{1}{21}$	Õ	Õ	Õ	Õ	Õ	Õ
February 2039	15	Õ	Õ	Õ	Õ	Õ	Õ
February 2040	-8	Õ	Õ	Õ	Õ	Õ	Õ
February 2041	ĭ	Õ	Õ	Õ	Õ	Õ	Õ
February 2042	0	Õ	Õ	Õ	Õ	Õ	Õ
February 2043	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2044	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2045	ő	ŏ	ő	ő	ő	ő	ő
February 2046	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
February 2047	Õ	Õ	Õ	Õ	Õ	Õ	Õ
February 2048	ő	Õ	ő	ő	ő	ő	ő
Weighted Average	Ü	· ·	Ü	· ·	0	Ü	· ·
Life (years)**	13.8	6.1	5.5	5.5	5.5	3.1	2.1
Line (years)	10.0	0.1	0.0	5.5	5.5	0.1	4.1

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

#### Characteristics of the Residual Class

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 Election and Special Tax Attributes**

We will make a REMIC election with respect to the 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 Class will be designated as the "residual interest" in the REMIC 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 Class, 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 Accrual Classes and the Notional 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	268% PSA
2	200% PSA
3	$15\%~\mathrm{CPR}$
4	155% 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.

The law informally known as the Tax Cuts and Jobs Act ("TCJA"), which was enacted on December 22, 2017, generally requires a beneficial owner of a Regular Certificate that uses an accrual method of accounting for tax purposes to include certain amounts in income no later than the time such amounts are reflected on certain financial statements. Although the precise application of this rule is unclear, it might require the accrual of income earlier than is the case under the general tax rules described under "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates" in the REMIC Prospectus. This rule is generally effective for tax years beginning after December 31, 2017, or for Regular Certificates issued with original issue discount, for tax years beginning after December 31, 2018. Prospective investors in Regular Certificates that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situations.

#### **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.

The TCJA generally denies a deduction for an individual, trust or estate that holds a Residual Certificate of its allocable share of the REMIC's fees or expenses under Section 212 of the Code for any taxable year beginning after December 31, 2017, and before January 1, 2026. Prospective investors in Residual Certificates are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situations.

#### **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 partnership's tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC for a taxable year in which it has multiple Residual Owners, appoints one person to act as its sole representative in connection with IRS audits and related procedures. The representative's actions, including the representative's agreeing to adjustments to taxable income, will bind partners or Residual Owners to a greater degree than would actions of the tax matters partner ("TMP") under the rules in effect prior to the 2018 taxable year. See "Material Federal Income Tax Consequences-Reporting and Other Administrative Matters" in the REMIC Prospectus for a discussion of the TMP. Under the new rules, a REMIC having multiple Residual Owners in a taxable year, unless such REMIC elects otherwise, will be required to pay taxes arising from IRS audit adjustments rather than its Residual Owners. The Trustee, as representative, will have the authority to utilize, and will be directed to utilize, any exceptions available under the new provisions (including changes) and Regulations so that the Residual Owners, to the fullest extent possible, rather than the REMIC itself, will be liable for any taxes arising from audit adjustments to the REMIC's taxable income. 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 taxable year in which the adjustment is made rather than in the taxable year to which the adjustment relates, and otherwise in different and potentially less advantageous ways than under the rules in effect prior to the 2018 taxable year. The new rules apply to existing and future REMICs having multiple Residual Owners in a taxable year. The new rules are complex and may be clarified and possibly revised. 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 Dealers 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" or any purchaser using assets of a plan, as described in 29 C.F.R. Section 2510.3-101, as modified by Section 3(42) of ERISA (collectively a "plan investor"). In addition, each beneficial owner of Certificates or any interest therein that is a plan investor, including any fiduciary purchasing the Certificates on behalf of a plan investor ("Plan Fiduciary"), will be deemed by its acquisition of the Certificates to represent that:

- 1. If any of the Transaction Parties has provided, or will provide, advice with respect to the acquisition of the Certificates by the plan investor, 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 investor;
  - 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 investor 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 investor 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 investor of the Certificates.
- 3. The Plan Fiduciary is a "fiduciary" with respect to the plan investor within the meaning of section 3(21) of ERISA or section 4975 of the Code, or both, and an "independent fiduciary" within the meaning of the Fiduciary Rule, and is responsible for exercising independent judgment in evaluating the plan investor's acquisition of the Certificates.
- 4. None of the Transaction Parties has exercised any authority to cause the plan investor to invest in the Certificates or to negotiate the terms of the plan investor's investment in the Certificates.
- 5. Neither the plan investor nor the Plan Fiduciary is paying or has paid a fee or other compensation to any of the Transaction Parties for investment advice (as opposed to other services) in connection with the plan investor's acquisition or holding of the Certificates
- 6. 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 investor's acquisition of the Certificates; and
  - of the existence and nature of the Transaction Parties' financial interests in the plan investor's acquisition of the Certificates.

These representations are intended to comply with 29 C.F.R. Sections 2510.3-21(a) and (c)(1) (the "Fiduciary Rule"). If these sections of the Fiduciary Rule are revoked, repealed or no longer effective, these representations will be deemed to be no longer in effect.

#### PLAN OF DISTRIBUTION

We are obligated to deliver the Certificates to Citigroup Global Markets Inc. (the "Dealer") in exchange for the Trust MBS and the Group 4 Underlying REMIC Certificate. 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 and similar European Economic Area ("EEA") legislation on risk retention requirements (the "EEA Risk Retention Regulations") 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 Regulations apply to the Transaction, investors subject to the EEA Risk Retention Regulations may wish to consider the guidance appearing in the preamble to the regulatory technical standards contained in Commission Delegated Regulation (EU) No. 625/2014 of March 13, 2014, which provides in relevant part: "Where an entity securitises its own liabilities, alignment of interest is established automatically, regardless of whether the final debtor collateralises 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 on the settlement date pursuant to which we will irrevocably undertake to the certificateholders that, in connection with the EEA Risk Retention Regulations, at the origination and on an ongoing basis, so long as any certificates remain outstanding:

- we will, as originator (for purposes of the EEA Risk Retention Regulations), retain a material net economic interest (the "Retained Interest") in the exposure related to the Transaction of not less than 5% through the Guaranty Obligations;
- 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 the EEA Risk Retention Regulations; 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 the EEA Risk Retention Regulations 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.

Prospective investors should also be aware that a new regulatory regime (the "Securitization Regulation") will generally apply from and after January 1, 2019 to securitizations in which

securities are issued after that date. The Securitization Regulation will apply to the types of regulated investors covered by the EEA Risk Retention Regulations and also to (a) UCITS and UCITS management companies, and (b) institutions for occupational retirement provision falling within the scope of Directive (EU) 2016/2341 (subject to certain exceptions), and certain investment managers and authorized entities appointed by such institutions (together, "IORPs"). With regard to securitizations in respect of which the relevant securities are issued before January 1, 2019 ("Pre-2019 Securitizations"), investors that are subject to the EEA Risk Retention Regulations will continue to be subject to the risk retention and due diligence requirements of the EEA Risk Retention Regulations, including on and after that date. The Securitization Regulation makes no express provision for the application of any requirements of the EEA Risk Retention Regulations or of the Securitization Regulation to UCITS or IORPs that hold or acquire any interest in respect of a Pre-2019 Securitization and, accordingly, it is not clear what requirements (if any) will be applicable to those investors. Prospective investors are themselves responsible for monitoring and assessing changes to the EEA Risk Retention Regulations and their regulatory capital requirements.

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.

THE CERTIFICATES ARE NOT INTENDED TO BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO, AND SHOULD NOT BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO, ANY RETAIL INVESTOR IN THE EEA. FOR THESE PURPOSES, A RETAIL INVESTOR MEANS A PERSON WHO IS ONE (OR MORE) OF: (I) A RETAIL CLIENT AS DEFINED IN POINT (11) OF ARTICLE 4(1) OF DIRECTIVE 2014/65/EU (AS AMENDED, "MIFID II"); OR (II) A CUSTOMER WITHIN THE MEANING OF DIRECTIVE 2002/92/EC, WHERE THAT CUSTOMER WOULD NOT QUALIFY AS A PROFESSIONAL CLIENT AS DEFINED IN POINT (10) OF ARTICLE 4(1) OF MIFID II; OR (III) NOT A QUALIFIED INVESTOR AS DEFINED IN DIRECTIVE 2003/71/EC, CONSEQUENTLY NO KEY INFORMATION DOCUMENT REQUIRED BY REGULATION (EU) NO 1286/2014 (AS AMENDED, THE "PRIIPS REGULATION") FOR OFFERING OR SELLING THE CERTIFICATES OR OTHERWISE MAKING THEM AVAILABLE TO RETAIL INVESTORS IN THE EEA HAS BEEN PREPARED AND THEREFORE OFFERING OR SELLING THE CERTIFICATES OR OTHERWISE MAKING THEM AVAILABLE TO ANY RETAIL INVESTOR IN THE EEA MAY BE UNLAWFUL UNDER THE PRIIPS REGULATION.

#### LEGAL MATTERS

Katten Muchin Rosenman LLP will provide legal representation for Fannie Mae. Cleary Gottlieb Steen & Hamilton LLP will provide legal representation for the Dealer.

# Assumed Characteristics of the Mortgage Loans Underlying the ARM MBS (As of February 1, 2018)

Issue Date Unpaid Principal	Net Mortgage	Mortgage Rate	Original Term	Remaining Term to Maturity	Loan Age	Margin	Rate Cap	Periodic Rate Cap	Rate Cap	Lifetime Rate Floor†	Months to Rate	Rate Reset Frequency	Payment Reset Frequency	Remaining Interest Only Period	<b>7</b> ] **
Balance	Rate* (%)	(%)	(in months)	(in months)	(in months)	(%)	(%)	(%)	(%)	(%)	Change	(in months)	(in months)	(in months)	Index**
\$ 3,964.17	3.125	3.750	360	99	261	2.750	***	2.000	11.7500	2.750	3	12	12	N/A	1-YEAR CMT
109,739.88	3.023	3.608	360	178	182	2.000	***	1.000	10.3256	2.000	4	6	6	0	WSJ 6-MONTH LIBOR
48,599.55	3.665	4.125	360	178	182	2.750	***	2.000	9.8938	2.750	10	12	12	N/A	1-YEAR CMT
316,542.40	3.255	4.005	360	167	193	2.750	***	2.000	12.2160	2.750	8	12	12	N/A	1-YEAR CMT
137,584.89	2.930	3.500	360	182	178	2.750	***	2.000	11.3861	2.750	2	12	12	N/A	1-YEAR CMT
134,088.53	2.618	3.750	360	183	177	2.750	***	2.000	11.5273	2.750	3	12	12	N/A	1-YEAR CMT
218,854.52	3.268	3.750	360	183	177	2.750	***	2.000	9.9742	2.750	3 1	12	12	N/A	1-YEAR CMT
246,409.57 19,117.03	3.098 3.038	$4.000 \\ 3.625$	360 360	181 185	179 175	$2.250 \\ 2.000$	1000	$\frac{2.000}{1.000}$	9.7283 $10.2102$	$2.250 \\ 2.000$	5	12 6	$^{12}_{6}$	N/A 0	WSJ 1-YEAR LIBOR WSJ 6-MONTH LIBOR
37,497.03	3.436	3.625 4.375	360 360	184	176	2.750	***	1.000	11.1189	2.750	3 4	6	6	0	WSJ 6-MONTH LIBOR
25,862.90	3.340	3.875	360	186	174	$\frac{2.750}{2.750}$	***	2.000	10.2368	$\frac{2.750}{2.750}$	6	12	12	N/A	1-YEAR CMT
100,808.30	3.340	3.875	360	186	174	$\frac{2.750}{2.750}$	***	2.000	10.2303	2.750	6	12	12	N/A	1-YEAR CMT
111,924.15	3.161	3.696	360	195	165	2.750	***	2.000	10.0231	2.750	3	12	12	N/A	1-YEAR CMT
21,113.87	3.206	3.786	360	182	178	2.750	***	2.000	10.3462	2.750	5	12	12	N/A	1-YEAR CMT
31,140.99	3.573	4.142	360	191	169	2.771	***	2.000	11.0025	2.771	8	12	12	N/A	1-YEAR CMT
206,948.25	3.643	4.233	360	192	168	2.250	***	2.000	9.8257	2.250	12	12	12	N/A	WSJ 1-YEAR LIBOR
512,070.49	3.185	4.250	360	187	173	2.750	***	1.000	11.3642	2.750	1	6	6	N/A	WSJ 6-MONTH LIBOR
53,684.15	3.020	3.500	360	211	149	2.000	***	1.000	10.7167	2.000	2	6	6	0	WSJ 6-MONTH LIBOR
342,428.95	3.391	4.074	360	193	167	2.271	***	2.000	10.1501	2.271	6	12	12	N/A	WSJ 1-YEAR LIBOR
177,230.27	3.102	3.867	360	210	150	2.250	***	2.000	12.1431	2.250	3	6	6	0	WSJ 6-MONTH LIBOR
38,345.51	3.662	4.130	358	174	184	2.750	***	2.000	10.4636	2.750	9	12	12	N/A	1-YEAR CMT
135,154.87	3.455	4.153	360	208	152	2.328	***	2.000	11.4770	2.328	7	12	12	N/A	WSJ 1-YEAR LIBOR
16,251.20	3.560	4.000	356	183	174	2.250	***	2.000	9.6090	2.250	6	12	12	N/A	WSJ 1-YEAR LIBOR
201,500.93	3.615	4.250	480	306	174	2.500	***	2.000	9.0674	2.500	6	12	12	N/A	WSJ 1-YEAR LIBOR
186,463.97	3.550	4.000	360	188	172	2.250	***	2.000	10.0437	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
271,510.36	3.556	4.006	359	187	172	2.250	***	2.000	9.6955	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
3,648.30	3.402	4.000	330	158	172	2.750	***	2.000	10.2043	2.750	8 9	12 12	12	N/A	1-YEAR CMT
332,739.09 241,188.71	3.318 3.136	$4.000 \\ 3.937$	360 360	189 190	$\frac{171}{170}$	$2.250 \\ 2.624$	1000	$\frac{2.000}{2.000}$	11.3650 9.5616	$2.250 \\ 2.624$	9 10	12 12	12 12	0 N/A	WSJ 1-YEAR LIBOR 1-YEAR CMT
344.090.70	3.532	4.278	360 360	190	169	2.024	***	2.000	10.0211	2.024 $2.250$	10	12	12	N/A N/A	WSJ 1-YEAR LIBOR
192,300.08	3.029	3.625	360 360	191	169	2.230	***	1.000	10.6446	2.230	5	6	6	1N/A 0	WSJ 6-MONTH LIBOR
275,816.24	2.925	3.800	360	187	173	2.250	***	2.000	11.1711	2.250	2	6	6	N/A	WSJ 6-MONTH LIBOR
113,177.39	2.967	3.502	360	188	172	2.200	***	2.000	10.5446	2.000	$\frac{2}{2}$	6	6	0	WSJ 6-MONTH LIBOR
17,239.74	3.157	4.000	360	193	167	2.250	***	2.000	9.9764	2.250	1	12	12	N/A	WSJ 1-YEAR LIBOR
211,364.33	3.500	4.125	360	194	166	2.375	***	2.000	8.9376	2.375	$\overline{2}$	12	12	N/A	WSJ 1-YEAR LIBOR
58,119.43	3.678	4.125	360	195	165	2.250	***	2.000	9.4760	2.250	3	12	12	N/A	WSJ 1-YEAR LIBOR
5,607.15	3.435	3.875	360	197	163	2.750	***	2.000	11.6250	2.750	5	12	12	N/A	1-YEAR CMT
320,285.01	3.248	4.000	360	200	160	2.750	***	2.000	10.0848	2.750	8	12	12	N/A	1-YEAR CMT
152,917.77	3.017	3.822	360	192	168	2.250	***	2.000	11.0636	2.250	4	6	6	N/A	WSJ 6-MONTH LIBOR
27,976.29	3.165	4.000	360	198	162	2.250	***	2.000	10.7482	2.250	6	12	12	0	WSJ 1-YEAR LIBOR
74,976.40	3.568	4.008	359	195	164	2.250	***	2.000	9.9003	2.250	4	12	12	N/A	WSJ 1-YEAR LIBOR
181,318.47	3.249	4.000	360	200	160	2.750	***	2.000	10.5118	2.750	8	12	12	N/A	1-YEAR CMT
6,241.09	3.161	4.093	360	203	157	2.250	***	2.000	10.8824	2.250	11	12	12	0	WSJ 1-YEAR LIBOR
283,453.80	3.438	4.080	360	202	158	2.750	***	2.000	10.5221	2.750	10	12	12	0	1-YEAR CMT
19,109.06	3.059	3.798	360	201	159	2.250	***	2.000	11.5902	2.250	3	6	6	0	WSJ 6-MONTH LIBOR
202,009.95	3.137	4.000	360	200	160	2.250	***	2.000	11.8409	2.250	8	12	12	0	WSJ 1-YEAR LIBOR
626,065.50	2.970	3.591	360	200	160	2.000	***	1.000	10.1862	2.000	3	6	6	0	WSJ 6-MONTH LIBOR
52,662.27	3.215	4.020	360	202	158	2.250	***	2.000	10.5623	2.250	10	12	12	N/A	WSJ 1-YEAR LIBOR
58,572.96	3.170	4.112	360	$\frac{207}{210}$	153	2.250	***	2.000	10.9520	2.250	3 6	12 12	12	0	WSJ 1-YEAR LIBOR
113,062.41 38,376.58	$3.562 \\ 3.429$	4.000 4.084	360 360	210 207	150 153	$2.250 \\ 2.250$	***	2.000 $2.000$	10.3236 $11.5096$	2.250 $2.250$	6 3	12 12	$\frac{12}{12}$	N/A 0	WSJ 1-YEAR LIBOR WSJ 1-YEAR LIBOR
00,010.00	0.443	4.004	300	401	199	4.400		4.000	11.0000	4.400	9	14	14	U	M DO 1-1 EWIL PIDOU

	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**
\$	93,112.32	3.705	4.125	360	207	153	2.250	***	2.000	10.6324	2.250	3	12	12	N/A	WSJ 1-YEAR LIBOR
Ψ	73.743.93	3.305	4.000	360	209	151	2.250	***	2.000	10.7500	2.250	5	12	12	N/A	WSJ 1-YEAR LIBOR
	419.934.69	2.552	3.150	357	200	157	2.000	***	1.000	9.8336	2.000	6	12	12	N/A	1-YEAR CMT
	203,068.74	3.540	4.000	360	208	152	2.250	303030	2.000	10.3738	2.250	4	12	12	N/A	WSJ 1-YEAR LIBOR
	1,016.64	3.585	4.000	360	213	147	2.250	303030	2.000	10.7500	2.250	9	12	12	0	WSJ 1-YEAR LIBOR
	520,781.72	3.480	4.011	360	211	149	2.250	***	2.000	10.5645	2.250	7	12	12	N/A	WSJ 1-YEAR LIBOR
	665,130.24	3.319	4.056	360	213	147	2.250	***	2.000	11.9791	2.250	9	12	12	N/A	WSJ 1-YEAR LIBOR
	106,733.63	3.013	4.048	360	213	147	2.750	***	2.000	11.1131	2.750	9	12	12	N/A	1-YEAR CMT
	63,602.52	3.279	4.000	360	214	146	2.250	***	2.000	10.9611	2.250	10	12	12	N/A	WSJ 1-YEAR LIBOR
	103,606.75	3.064	3.625	360	229	131	2.750	***	2.000	11.3136	2.750	1	12	12	N/A	1-YEAR CMT
	157,883.98	3.558	4.000	360	222	138	2.250	***	2.000	11.4526	2.250	6	12	12	0	WSJ 1-YEAR LIBOR
	41,527.56	3.569	4.036	360	233	127	2.286	***	2.000	11.1477	2.286	5	12	12	N/A	WSJ 1-YEAR LIBOR
	110,248.76	3.492	3.862	360	197	163	2.750	***	2.000	10.5448	2.750	5	12	12	N/A	1-YEAR CMT
	46,639.58	2.912	3.853	360	222	138	2.283	***	2.000	13.7021	2.283	2	6	6	0	WSJ 6-MONTH LIBOR
	155,508.57	3.825	4.500	360	223	137	2.750	***	2.000	11.2687	2.750	7	12	12	0	WSJ 1-YEAR LIBOR
	61,441.65	3.685	4.500	360	225	135	2.750	***	2.000	11.5190	2.750	9	12	12	0	WSJ 1-YEAR LIBOR
	450,048.40	3.623	4.164	360	228	132	2.250	***	2.000	11.2177	2.250	9	12	12	0	WSJ 1-YEAR LIBOR
	14,373.19	3.474	4.074	360	230	130	2.250	***	2.000	11.0359	2.250	2	12	12	0	WSJ 1-YEAR LIBOR
	79,240.13	4.044	4.794	360	205	155	3.000	***	2.000	10.6399	3.000	7	12	12	N/A	WSJ 1-YEAR LIBOR
	19,637.45	3.265	4.055	360	228	132	2.302	***	2.000	12.4099	2.302	6	6	6	0	WSJ 6-MONTH LIBOR
	70,206.11	2.991	3.671	360	220	140	2.500	***	2.000	10.5623	2.500	6	12	12	N/A	1-YEAR CMT
	297,676.04	3.589	4.089	360	268	92	2.250	5 ***	2.000	9.0889	2.250	28	12	12	N/A	WSJ 1-YEAR LIBOR
	516,642.50	2.645	3.851	360	230 233	130	2.327	***	2.000	12.8967	2.327	2 6	$\frac{6}{12}$	6	0 N/A	WSJ 6-MONTH LIBOR
	22,664.21 15.096.19	$3.440 \\ 3.067$	$3.870 \\ 4.000$	360 360	233	$\frac{127}{123}$	$2.750 \\ 2.250$	***	2.000 $2.000$	11.4983 11.9738	$2.750 \\ 2.250$	9	12 12	12 12	N/A N/A	1-YEAR CMT WSJ 1-YEAR LIBOR
	531,675.30	2.891	4.000	360 360	207	153	$\frac{2.250}{2.250}$	***	2.000	10.4324	2.250 $2.250$	3	12	12	1N/A 0	WSJ 1-YEAR LIBOR
	68,883.08	3.466	4.000	360	245	115	2.250 $2.250$	***	2.000	10.4324 $10.5871$	2.250 $2.250$	5 5	12	12	N/A	WSJ 1-YEAR LIBOR
	7.340.49	3.785	4.250	360	239	121	$\frac{2.250}{2.250}$	***	2.000	10.6591	$\frac{2.250}{2.250}$	11	12	12	N/A	WSJ 1-YEAR LIBOR
	436,579.33	3.890	4.500	360	227	133	2.750	***	2.000	12.3705	2.750	1	12	12	0	WSJ 1-YEAR LIBOR
	56,380.50	3.721	4.071	360	240	120	2.250	***	2.000	11.4498	2.250	7	12	12	N/A	WSJ 1-YEAR LIBOR
	209,167.40	3.246	3.997	360	196	163	2.939	303030	2.000	11.0195	2.939	4	12	12	N/A	1-YEAR CMT
	31,678.40	3.317	4.003	360	223	137	2.250	303030	2.000	12.0725	2.250	4	12	12	0	WSJ 1-YEAR LIBOR
	316,070.88	2.446	3.921	354	199	156	2.792	***	2.000	10.8558	2.792	6	12	12	N/A	1-YEAR CMT
	300,698.62	3.003	3.863	359	189	170	2.748	***	2.000	9.7903	2.748	6	12	12	N/A	1-YEAR CMT
	233,137.05	3.086	4.041	359	195	164	2.250	***	2.000	9.6056	2.250	6	12	12	N/A	WSJ 1-YEAR LIBOR
	155,297.87	3.084	4.039	358	198	160	2.250	***	2.000	9.7673	2.250	7	12	12	0	WSJ 1-YEAR LIBOR
	161,587.53	3.350	4.250	360	184	176	2.750	***	2.000	11.0419	2.750	11	12	12	N/A	1-YEAR CMT
	163,363.58	2.945	3.875	360	206	154	2.750	***	2.000	10.0444	2.750	5	12	12	N/A	1-YEAR CMT
	141,928.88	3.440	4.000	360	262	98	2.250	***	2.000	8.9728	2.250	10	12	12	N/A	WSJ 1-YEAR LIBOR
	125,206.32	3.335	4.000	360	262	98	2.250	***	2.000	10.1250	2.250	10	12	12	22	WSJ 1-YEAR LIBOR
	219,337.06	3.674	4.220	360	179	181	2.751	***	2.000	10.7465	2.751	9	12	12	N/A	1-YEAR CMT
	523,835.59	3.570	4.000	313	221	92	2.250	***	2.000	8.7015	2.250	4	12	12	N/A	WSJ 1-YEAR LIBOR
Ę	5,171,167.34	3.547	3.982	360	273	87	2.232	***	2.000	8.4838	2.232	9	12	12	N/A	WSJ 1-YEAR LIBOR
	449,198.62	3.559	4.078	360	257	103	2.288	***	2.000	9.8528	2.288	7	12	12	N/A	WSJ 1-YEAR LIBOR
-	100,511.10	3.377	4.035	360	225	135	2.269	***	2.000	11.4698	2.269	8	12	12	2	WSJ 1-YEAR LIBOR
	1,285,532.00	3.631	4.229	360	218	142	2.424	***	2.000	11.0546	2.424	5 7	12	12	N/A	WSJ 1-YEAR LIBOR
	3,202,414.99	3.699	4.228	360 360	$\frac{209}{275}$	150	2.451	***	2.000	10.9098	$2.451 \\ 2.262$	7	12 12	12 12	N/A	WSJ 1-YEAR LIBOR
•	5,842,352.71	3.558	4.034	360	215	84	2.262	-111-	2.000	8.4415	2.262	1	12	12	N/A	WSJ 1-YEAR LIBOR

<sup>\*</sup> 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).

<sup>\*\*</sup> For a description of these Indices, see "The Mortgage Loans—Adjustable-Rate Mortgage Loans (ARM Loans)—ARM Indices" in the MBS Prospectus.

<sup>\*\*\*</sup> We have assumed that all applicable initial fixed-rate periods have expired and that all initial rate adjustments have occurred.

<sup>†</sup> We have assumed that the lifetime rate floor for each Hybrid ARM Loan will never decline below the applicable ARM Margin for that loan.

# Expected ARM MBS (As of February 1, 2018)

The pool numbers of the adjustable-rate MBS expected to be included in the Trust are listed below:

Pool Number	Issue Date Unpaid Principal Balance
334607	\$ 3,964.17
670976	109,739.88
675346	48,599.55
685161	316,542.40
689982	137,584.89
693021	134,088.53
705282	218,854.52
708656	246,409.57
722439	19,117.03
726016	37,497.03
729089	25,862.90
729110	100,808.30
729160	111,924.15
735332	21,113.87
735539	31,140.99
736526	206,948.25
741455	512,070.49
745040	53,684.15
745226	342,428.95
745299	177,230.27
745446	38,345.51
745551	135,154.87
746299	16,251.20
746478	201,500.93
749295	186,463.97
749306	271,510.36
749923	3,648.30
759195	332,739.09
759390	241,188.71
759645	344,090.70
764533	192,300.08
768361	275,816.24
768541 770377	113,177.39 17,239.74
777721	211,364.33
780774	58,119.43
781309	5,607.15
781550	320,285.01
788976	152,917.77
790764	27,976.29
791030	74,976.40
797311	181,318.47
805386	6,241.09
809113	283,453.80
810896	19,109.06
811261	202,009.95
813572	626,065.50
816361	52,662.27
821378	58,572.96
822312	113,062.41
823660	38,376.58

Pool Number	Issue Date Unpaid Principal Balance
824504	\$ 93,112.32
826368	73,743.93
828697	419,934.69
832097	203,068.74
841031	1,016.64
846427	520,781.72
848770	665,130.24
849207	106,733.63
851379	63,602.52
881330	103,606.75
886558	157,883.98
888757	41,527.56
896463	110,248.76
898179	46,639.58
900197	155,508.57
905189	61,441.65
910181	450,048.40
918445	14,373.19
920457	79,240.13
922881	19,637.45
926090	70,206.11
935911	297,676.04
936590	516,642.50
952835	22,664.21
959539	15,096.19
962205	531,675.30
964545	68,883.08
966946	7,340.49
991967	436,579.33
995348	56,380.50
995552	209,167.40
995615	31,678.40
AA6107	316,070.88
AA8894	300,698.62
AC0038	233,137.05
AC0045	155,297.87
AC0330	161,587.53
AC0621	163,363.58
AC5426	141,928.88
AC6978	125,206.32
AD0288	219,337.06
AD9302	523,835.59
AE8264	5,171,167.34
AL7170	449,198.62
AL8442	100,511.10
AL8904	1,285,532.00
AL8982	3,202,414.99
BM3171	6,842,352.71
D.110111	0,042,002.11

#### **Group 4 Underlying REMIC Certificate**

Underlying REMIC Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Principal Balance of Class	February 2018 Class Factor	Principal Balance in the Trust	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
2016-71	QM	September 2016	3136AT4R2	3.0%	FIX	October 2046	PAC/AD	\$200,000,000	0.93399691	\$102,739,660.10	3.801%	337	20

<sup>(1)</sup> See "Description of the Certificates—Class Definitions and Abbreviations" in the REMIC Prospectus.

Note: For any pool of Mortgage Loans backing an underlying REMIC or RCR certificate, if a preliminary calculation indicated that the sum of the WAM and WALA for that pool exceeded the longest original term to maturity of any Mortgage Loan in the pool, the WALA used in determining the information shown in the related table was reduced as necessary to insure that the sum of the WAM and WALA does not exceed such original term to maturity.

#### **Available Recombination(1)**

REMIC Certificates		RCR Certificates							
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date	
PB PC	\$85,509,000 5,807,000	PD	\$91,316,000	SC/PAC	3.0%	FIX	3136B1GJ7	October 2046	

<sup>(1)</sup> REMIC Certificates and RCR Certificates in each 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.

## **Principal Balance Schedules**

### Aggregate Group I Planned Balances

Distribution Date	Planned Balance	Distribution	Planned Balance	Distribution	Planned Balance
Initial Balance	\$115,667,000.00	November 2022	\$ 65,358,124.74	August 2027	\$ 28,942,135.61
March 2018	115,159,961.14	December 2022	64,552,716.00	September 2027	28,496,956.29
April 2018	114,621,104.98	January 2023	63,753,435.79	October 2027	28,058,149.21
May 2018	114,050,712.10	February 2023	62,960,239.72	November 2027	27,625,626.67
June 2018	113,449,085.17	March 2023	62,173,083.69	December 2027	27,199,302.15
July 2018	112,816,548.67	April 2023	61,391,923.93	January 2028	26,779,090.30
August 2018	112,153,448.68	May 2023	60,616,716.98	February 2028	26,364,906.90
September 2018	111,460,152.49	June 2023	59,847,419.69	March 2028	25,956,668.90
October 2018	110,737,048.39	July 2023	59,083,989.21	April 2028	25,554,294.31
November 2018	109,984,545.22	August 2023	58,326,383.00	May 2028	25,157,702.31
December 2018	109,203,072.08	September 2023	57,574,558.82	June 2028	24,766,813.11
January 2019	108,393,077.89	October 2023	56,828,474.73	July 2028	24,381,548.02
February 2019	107,555,030.97	November 2023	56,088,089.10	August 2028	24,001,829.42
March 2019	106,689,418.64	December 2023	55,353,360.57	September 2028	23,627,580.72
April 2019	105,796,746.72	January 2024	54,624,248.11	October 2028	23,258,726.36
May 2019	104,877,539.02	February 2024	53,900,710.95	November 2028	22,895,191.81
June 2019	103,932,336.90	March 2024	53,182,708.62	December 2028	22,536,903.53
July 2019	102,961,698.70	April 2024	52,470,200.94	January 2029	22,183,788.98
August 2019	101,966,199.16	May 2024	51,763,148.03	February 2029	21,835,776.61
September 2019	100,946,428.93	June 2024	51,061,510.26	March 2029	21,492,795.80
October 2019	99,902,993.92	July 2024	50,365,248.31	April 2029	21,154,776.92
November 2019	98,836,514.70	August 2024	49,674,323.14	May 2029	20,821,651.26
December 2019	97,778,050.63	September 2024	48,988,695.96	June 2029	20,493,351.05
January 2020	96,727,543.91	October 2024	48,308,328.29	July 2029	20,169,809.41
February 2020	95,684,937.14	November 2024	47,633,181.91	August 2029	19,850,960.39
March 2020	94,650,173.36	December 2024	46,963,218.86	September 2029	19,536,738.91
April 2020	93,623,195.98	January 2025	46,298,401.46	October 2029	19,227,080.79
May 2020	92,603,948.82	February 2025	45,638,692.31	November 2029	18,921,922.70
June 2020	91,592,376.12	March 2025	44,984,054.27	December 2029	18,621,202.17
July 2020	90,588,422.48	April 2025	44,334,450.44	January 2030	18,324,857.57
August 2020	89,592,032.92	May 2025	43,689,844.22	February 2030	18,032,828.12
September 2020	88,603,152.84	June 2025	43,050,199.24	March 2030	17,745,053.84
October 2020	87,621,728.03	July 2025	42,415,479.42	April 2030	17,461,475.58
November 2020	86,647,704.67	August 2025	41,785,648.90	May 2030	17,182,034.98
December 2020	85,681,029.32	September 2025	41,160,672.10	June 2030	16,906,674.47
January 2021	84,721,648.90	October 2025	40,541,763.78	July 2030	16,635,337.25
February 2021	83,769,510.73	November 2025	39,931,609.38	August 2030	16,367,967.32
March 2021	82,824,562.50	December 2025	39,330,089.26	September 2030	16,104,509.40
April 2021	81,886,752.26	January 2026	38,737,085.38	October 2030	15,844,908.99
May 2021	80,956,028.45	February 2026	38,152,481.28	November 2030	15,589,112.30
June 2021	80,032,339.85	March 2026	37,576,162.07	December 2030	15,337,066.30
July 2021	79,115,635.62	April 2026	37,008,014.37	January 2031	15,088,718.64
August 2021	78,205,865.29	May 2026	36,447,926.36	February 2031	14,844,017.72
September 2021	77,302,978.72	June 2026	35,895,787.69	March 2031	14,602,912.62
October 2021	76,406,926.14	July 2026	35,351,489.48	April 2031	14,365,353.11
November 2021	75,517,658.15	August 2026	34,814,924.34	May 2031	14,131,289.64
December 2021	74,635,125.69	September 2026	34,285,986.31	June 2031	13,900,673.33
January 2022	73,759,280.02	October 2026	33,764,570.82	July 2031	13,673,455.98
February 2022	72,890,072.80	November 2026	33,250,574.75	August 2031	13,449,590.04
March 2022	72,027,455.98	December 2026	32,743,896.33	September 2031	13,229,028.58
April 2022	71,171,381.90	January 2027	32,244,435.17	October 2031	13,011,725.34
May 2022	70,321,803.19	February 2027	31,752,092.23	November 2031	12,797,634.67
June 2022	69,478,672.86	March 2027	31,266,769.77	December 2031	12,586,711.55
July 2022	68,641,944.23	April 2027	30,788,371.40	January 2032	12,378,911.56
August 2022	67,811,570.95	May 2027	30,316,802.01	February 2032	12,174,190.90
September 2022	66,987,507.01	June 2027	29,851,967.75	March 2032	11,972,506.35
October 2022	66,169,706.73	July 2027	29,393,776.07	April 2032	11,773,815.29
October 2022	00,100,700.75	omy 2021	45,555,110.01	Aprii 2004	11,110,010.29

## $Aggregate\ Group\ I\ (Continued)$

Distribution Date	Planned Balance	Distribution Date		anned lance	Distrib Dat		Planned Balance
May 2032	\$ 11,578,075.68	May 2037	\$ 3,9	38,051.88	May 2042 .		\$ 997,568.29
June 2032	11,385,246.04	June 2037		61,644.56	June 2042 .		969,624.72
July 2032	11,195,285.46	July 2037	3,7	86,447.91	July 2042 .		942,174.20
August 2032	11,008,153.59	August 2037	3,7	12,444.34	August 2042	2	915,209.20
September 2032	10,823,810.64	September 2037	3,6	39,616.51	September 2	2042	888,722.30
October 2032	10,642,217.33	October 2037	3,5	67,947.31	October 204	2	862,706.20
November 2032	10,463,334.96	November 2037	3,4	97,419.87	November 2		837,153.69
December 2032	10,287,125.31	December $2037 \dots$	,	28,017.56	December 2		812,057.65
January 2033	10,113,550.73	January 2038	,	59,723.97	January 204		787,411.10
February 2033	9,942,574.04	February 2038		92,522.94	February 20		763,207.11
March 2033	9,774,158.59	March 2038		26,398.50	March 2043		739,438.90
April 2033	9,608,268.23	April 2038	,	61,334.93	April 2043 .		716,099.75
May 2033 June 2033	9,444,867.29	May 2038 June 2038	,	97,316.72	May 2043 . June 2043 .		693,183.06
July 2033	9,283,920.61 9,125,393.49	July 2038		34,328.58 72,355.43	July 2043 .		670,682.30 648,591.05
August 2033	8,969,251.71	August 2038	,	11,382.40	August 2043		626,902.99
September 2033	8,815,461.51	September 2038	,	51,394.83	September 2		605,611.87
October 2033	8,663,989.62	October 2038	,	92,378.25	October 204		584,711.54
November 2033	8,514,803.19	November 2038	,	34,318.42	November 2		564,195.94
December 2033	8,367,869.84	December 2038	,	77,201.28	December 2		544,059.10
January 2034	8,223,157.63	January 2039	,	21,012.96	January 20		524,295.13
February 2034	8,080,635.04	February 2039	,	65,739.80	February 20		504,898.22
March 2034	7,940,271.01	March 2039	,	11,368.32	March 2044		485,862.65
April 2034	7,802,034.89	April 2039	,	57,885.23	April 2044 .		467,182.79
May 2034	7,665,896.45	May 2039	,	05,277.45	May 2044 .		448,853.07
June 2034	7,531,825.87	June 2039	2,3	53,532.03	June 2044 .		430,868.03
July 2034	7,399,793.74	July 2039	2,3	02,636.26	July 2044 .		413,222.26
August 2034	7,269,771.08	August 2039	2,2	52,577.56	August 204	4	395,910.45
September 2034	7,141,729.26	September 2039	$^{2,2}$	03,343.56	September 2		378,927.35
October 2034	7,015,640.08	October 2039	2,1	54,922.05	October 204		362,267.79
November 2034	6,891,475.71	November 2039	,	07,300.99	November 2		345,926.69
December 2034	6,769,208.71	December 2039	,	60,468.50	December 2		329,899.02
January 2035	6,648,812.01	January 2040	,	14,412.90	January 204		314,179.84
February 2035	6,530,258.91	February 2040	,	69,122.63	February 20		298,764.27
March 2035	6,413,523.10	March 2040	,	24,586.33	March 2045		283,647.52
April 2035	6,298,578.59	April 2040		80,792.77	April 2045 . May 2045 .		268,824.85
May 2035 June 2035	6,185,399.79 6,073,961.43	May 2040 June 2040	,	37,730.90 95,389.82	June 2045 .		254,291.59 240,043.15
July 2035	5,964,238.61	July 2040		53,758.78	July 2045 .		226,075.00
August 2035	5,856,206.76	August 2040	,	12,827.17	August 2045		212,382.67
September 2035	5,749,841.64	September 2040		72,584.56	September 2		198,961.77
October 2035	5,645,119.38	October 2040		33,020.63	October 204		185,807.95
November 2035	5,542,016.39	November 2040	,	94,125.23	November 2		172,916.96
December 2035	5,440,509.44	December $2040 \dots$		55,888.36	December 2	045	160,284.57
January 2036	5,340,575.60	January 2041		18,300.13	January 204	46	147,906.64
February 2036	5,242,192.28	February 2041	1,4	81,350.82	February 20	)46	135,779.09
March 2036	5,145,337.18	March 2041	1,4	45,030.83	March 2046		123,897.89
April 2036	5,049,988.32	April 2041	1,4	09,330.70	April 2046 .		112,259.06
May 2036	4,956,124.00	May 2041	1,3	$74,\!241.11$	May 2046 .		100,858.70
June 2036	4,863,722.86	June 2041		39,752.86	June 2046 .		89,692.96
July 2036	4,772,763.80	July 2041		05,856.89	July 2046 .		78,758.03
August 2036	4,683,226.02	August 2041		72,544.27	August 2040		68,050.18
September 2036	4,595,089.02	September 2041		39,806.18	September 2		57,565.73
October 2036	4,508,332.58	October 2041		07,633.95	October 204		47,301.03
November 2036	4,422,936.74	November 2041		76,019.02	November 2		37,252.52
December 2036	4,338,881.85	December 2041		44,952.94	December 2		27,416.66
January 2037	4,256,148.49	January 2042		14,427.39	January 204		17,789.99
February 2037 March 2037	4,174,717.55	February 2042		84,434.18	February 20		8,369.08
April 2037	4,094,570.16 $4,015,687.72$	April 2042		54,965.22 26,012.54	March 2047 thereafter		0.00
11pm 2001	4,010,001.12	11p111 2042	1,0	20,012.04	uiereartei		0.00

## Aggregate Group II Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$5,035,000.00	February 2023	\$ 767,889.33	February 2028	\$ 422.63
March 2018	4,993,734.78	March 2023	727,171.37	March 2028	422.63
April 2018	4,948,552.96	April 2023	687,622.03	April 2028	422.63
May 2018	4,899,512.48	May 2023	649,225.58	May 2028	422.63
June 2018	4,846,677.09	June 2023	611,966.49	June 2028	422.63
July 2018	4,790,116.28	July 2023	575,829.38	July 2028	422.63
August 2018	4,729,905.16	August 2023	540,799.04	August 2028	422.63
September 2018	4,666,124.46	September 2023	506,860.44	September 2028	422.63
October 2018	4,598,860.24	October 2023	473,998.69	October 2028	422.63
November 2018	4,528,203.96	November 2023	442,199.06	November 2028	422.63
December 2018	4,454,252.17	December 2023	411,447.01	December 2028	422.63
January 2019	4,377,106.48	January 2024	381,728.13	January 2029	422.63
February 2019	4,296,873.38	February 2024	353,028.17	February 2029	422.63
March 2019	4,213,664.00	March 2024	325,333.06	March 2029	422.63
April 2019	4,127,594.05	April 2024	298,628.85	April 2029	422.63 422.63
May 2019	4,038,783.56 3,947,356.72	May 2024	272,901.76 248,138.17	May 2029	422.63
July 2019	3,853,441.62	July 2024	224,324.59	July 2029	422.63
August 2019	3,757,170.16	August 2024	201,447.67	August 2029	422.63
September 2019	3,658,677.69	September 2024	179,494.25	September 2029	422.63
October 2019	3,558,102.91	October 2024	158,451.27	October 2029	422.63
November 2019	3,455,587.57	November 2024	138,305.82	November 2029	422.63
December 2019	3,355,029.44	December 2024	119,045.17	December 2029	422.63
January 2020	3,256,404.46	January 2025	100,656.69	January 2030	422.63
February 2020	3,159,688.87	February 2025	83,127.90	February 2030	422.63
March 2020	3,064,859.09	March 2025	66,446.46	March 2030	422.63
April 2020	2,971,891.82	April 2025	50,600.17	April 2030	422.63
May 2020	2,880,764.01	May 2025	35,576.95	May 2030	422.63
June 2020	2,791,452.82	June 2025	21,364.89	June 2030	422.63
July 2020	2,703,935.69	July 2025	10,180.44	July 2030	422.63
August 2020	2,618,190.27	August 2025	3,229.35	August 2030	422.63
September 2020	2,534,194.45	September 2025	422.64	September 2030	422.63
October 2020	2,451,926.34	October 2025	422.64	October 2030	422.63
November 2020	2,371,364.29	November 2025	422.64	November 2030	422.63
December 2020	2,292,486.86	December 2025	422.64	December 2030	422.63
January 2021	2,215,272.89	January 2026	422.64	January 2031	422.63
February 2021	2,139,701.37	February 2026	422.64	February 2031	422.63
March 2021	2,065,751.56	March 2026	422.64	March 2031	422.63
April 2021	1,993,402.93	April 2026	422.64	April 2031	422.63
May 2021	1,922,635.13	May 2026	422.64	May 2031	422.63
June 2021	1,853,428.07	June 2026	422.64	June 2031	422.63
July 2021	1,785,761.86	July 2026	422.64 $422.64$	July 2031	422.63
August 2021	1,719,616.81 1,654,973.43	August 2026 September 2026	422.63	August 2031 September 2031	422.63 422.63
October 2021	1,591,812.48	October 2026	422.63	October 2031	422.63
November 2021	1,530,114.87	November 2026	422.63	November 2031	422.63
December 2021	1,469,861.74	December 2026	422.63	December 2031	422.63
January 2022	1,411,034.43	January 2027	422.63	January 2032	422.63
February 2022	1,353,614.47	February 2027	422.63	February 2032	422.63
March 2022	1,297,583.59	March 2027	422.63	March 2032	422.63
April 2022	1,242,923.72	April 2027	422.63	April 2032	422.63
May 2022	1,189,616.98	May 2027	422.63	May 2032	422.63
June 2022	1,137,645.67	June 2027	422.63	June 2032	422.63
July 2022	1,086,992.29	July 2027	422.63	July 2032	422.63
August 2022	1,037,639.53	August 2027	422.63	August 2032	422.63
September 2022	989,570.25	September 2027	422.63	September 2032	422.63
October 2022	942,767.51	October 2027	422.63	October 2032	422.63
November 2022	897,214.55	November 2027	422.63	November 2032	422.63
December 2022	852,894.77	December 2027	422.63	December 2032	422.63
January 2023	809,791.78	January 2028	422.63	January 2033	422.63

## Aggregate Group II (Continued)

Distribution Date	Planned Balance	Distribution Date	Plan Bala		Distribution Date	Planned Balance
February 2033	\$ 422.63	November 2037	\$	422.63	August 2042	\$ 422.63
March 2033	422.63	December 2037		422.63	September 2042	422.63
April 2033	422.63	January 2038		422.63	October 2042	422.63
May 2033	422.63	February 2038		422.63	November 2042	422.63
June 2033	422.63	March 2038		422.63	December 2042	422.63
July 2033	422.63	April 2038		422.63	January 2043	422.63
August 2033	422.63	May 2038		422.63	February 2043	422.63
September 2033	422.63	June 2038		422.63	March 2043	422.63
October 2033	422.63	July 2038		422.63	April 2043	422.63
November 2033	422.63	August 2038		422.63	May 2043	422.63
December 2033	422.63	September 2038		422.63	June 2043	422.63
January 2034	422.63	October 2038		422.63	July 2043	422.63
February 2034	422.63	November 2038		422.63	August 2043	422.63
March 2034	422.63	December 2038		422.63	September 2043	422.63
April 2034	422.63	January 2039		422.63	October 2043	422.63
May 2034	422.63	February 2039		422.63	November 2043	422.63
June 2034	422.63	March 2039		422.63	December 2043	422.63
July 2034	422.63	April 2039		422.63	January 2044	422.63
August 2034	422.63	May 2039		422.63	February 2044	422.63
September 2034	422.63	June 2039		422.63	March 2044	422.63
October 2034	422.63	July 2039		422.63	April 2044	422.63
November 2034	422.63	August 2039		422.63	May 2044	422.63
December 2034	422.63	September 2039		422.63	June 2044	422.63
January 2035	422.63	October 2039		422.63	July 2044	422.63
February 2035	422.63	November 2039		422.63	August 2044	422.63
March 2035	422.63	December 2039		422.63	September 2044	422.63
April 2035	422.63	January 2040		422.63	October 2044	422.63
May 2035	422.63	February 2040		422.63	November 2044	422.63
June 2035	422.63	March 2040		422.63	December 2044	422.63
July 2035	422.63	April 2040		422.63	January 2045	422.63
August 2035	422.63	May 2040		422.63	February 2045	422.63
September 2035	422.63	June 2040		422.63	March 2045	422.63
October 2035	422.63	July 2040		422.63	April 2045	422.63
November 2035	422.63	August 2040		422.63	May 2045	422.63
December 2035	422.63	September 2040		422.63	June 2045	422.63
January 2036	422.63	October 2040		422.63	July 2045	422.63
February 2036	422.63	November 2040		422.63	August 2045	422.63
March 2036	422.63	December 2040		422.63	September 2045	422.63
April 2036	422.63	January 2041		422.63	October 2045	422.63
May 2036	422.63	February 2041		422.63	November 2045	422.63
June 2036	422.63	March 2041		422.63	December 2045	422.63
July 2036	422.63	April 2041		422.63	January 2046	422.63
August 2036	422.63	May 2041		422.63	February 2046	422.63
8	422.63	June 2041		422.63 422.63	J	422.63 $422.63$
September 2036					March 2046	422.63 $422.63$
October 2036	422.63	July 2041		422.63	April 2046	
December 2036	422.63	August 2041		422.63	May 2046	422.63 $422.63$
January 2037	422.63	September 2041 October 2041		422.63	June 2046	
Folymory 2027	422.63	November 2041		422.63	July 2046	422.63
February 2037	422.63			422.63	August 2046	422.63
March 2037	422.63	December 2041		422.63	September 2046	422.63
April 2037	422.63	January 2042		422.63	October 2046	422.63
May 2037	422.63	February 2042		422.63	November 2046	422.63
June 2037	422.63	March 2042		422.63	December 2046	422.63
July 2037	422.63	April 2042		422.63	January 2047	422.63
August 2037	422.63	May 2042		422.63	February 2047	422.63
September 2037	422.63	June 2042		422.63	March 2047 and	0.00
October 2037	422.63	July 2042	•	422.63	thereafter	0.00

## Aggregate Group III Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$101,316,000.00	January 2023	\$ 54,891,314.18	December 2027	\$ 24,790,883.02
March 2018	100,601,102.34	February 2023	54,232,633.16	January 2028	24,438,018.81
April 2018	99,865,264.96	March 2023	53,578,412.41	February 2028	24,089,483.28
May 2018	99,108,816.36	April 2023	52,928,620.44	March 2028	23,745,226.06
June 2018	98,332,096.31	May 2023	52,283,225.96	April 2028	23,405,197.32
July 2018	97,535,455.46	June 2023	51,642,197.90	May 2028	23,069,519.88
August 2018	96,719,255.02	July 2023	51,005,505.39	June 2028	22,738,184.28
September 2018	95,883,866.51	August 2023	50,373,117.75	July 2028	22,411,137.28
October 2018	95,029,671.43	September 2023	49,745,004.51	August 2028	22,088,326.28
November 2018	94,157,060.94	October 2023	49,121,135.42	September 2028	21,769,699.27
December 2018	93,266,435.59	November 2023	48,501,480.40	October 2028	21,455,204.90
January 2019	92,358,204.90	December 2023	47,886,009.59	November 2028	21,144,792.41
February 2019	91,455,200.58	January 2024	47,274,693.32	December 2028	20,838,411.63
March 2019	90,557,390.63	February 2024	46,667,502.10	January 2029	20,536,013.03
April 2019	89,664,743.21	March 2024	46,064,406.66	February 2029	20,237,547.62
May 2019	88,777,226.67	April 2024	45,465,377.91	March 2029	19,942,967.02
June 2019	87,894,809.56	May 2024	44,870,386.96	April 2029	19,652,223.42
July 2019	87,017,460.59	June 2024	44,279,405.10	May 2029	19,365,269.59
August 2019	86,145,148.64	July 2024	43,692,403.81	June 2029	19,082,058.85
September 2019	85,277,842.79	August 2024	43,110,744.59	July 2029	18,802,545.08
October 2019	84,415,512.29	September 2024	42,536,055.58	August 2029	18,526,682.70
November 2019	83,558,126.54	October 2024	41,968,256.79	September 2029 October 2029	18,254,426.69
	82,705,655.15	November 2024	41,407,269.14	November 2029	17,985,732.56
January 2020	81,858,067.89	December 2024	40,853,014.41		17,720,556.35
February 2020 March 2020	81,015,972.18 80,179,621.12	January 2025 February 2025	40,305,415.28 39,764,395.28	December 2029 January 2030	17,458,854.62 17,200,584.46
April 2020	79,348,974.77	March 2025	39,229,878.80	February 2030	16,945,703.46
May 2020	78,523,993.41	April 2025	38,701,791.06	March 2030	16,694,169.72
June 2020	77,704,637.62	May 2025	38,180,058.14	April 2030	16,445,941.85
July 2020	76,890,868.21	June 2025	37,664,606.94	May 2030	16,200,978.94
August 2020	76,082,646.26	July 2025	37,155,365.15	June 2030	15,959,240.57
September 2020	75,279,933.12	August 2025	36,652,261.31	July 2030	15,720,686.82
October 2020	74,482,690.37	September 2025	36,155,224.73	August 2030	15,485,278.22
November 2020	73,690,879.87	October 2025	35,664,185.52	September 2030	15,252,975.80
December 2020	72,904,463.70	November 2025	35,179,074.58	October 2030	15,023,741.04
January 2021	72,123,404.22	December 2025	34,699,823.57	November 2030	14,797,535.89
February 2021	71,347,664.02	January 2026	34,226,364.92	December 2030	14,574,322.73
March 2021	70,577,205.94	February 2026	33,758,631.82	January 2031	14,354,064.43
April 2021	69,811,993.07	March 2026	33,296,558.21	February 2031	14,136,724.28
May 2021	69,051,988.75	April 2026	32,840,078.76	March 2031	13,922,266.01
June 2021	68,297,156.53	May 2026	32,389,128.88	April 2031	13,710,653.79
July 2021	67,547,460.25	June 2026	31,943,644.69	May 2031	13,501,852.21
August 2021	66,802,863.94	July 2026	31,503,563.06	June 2031	13,295,826.31
September 2021	66,063,331.90	August 2026	31,068,821.53	July 2031	13,092,541.52
October 2021	65,328,828.66	September 2026	30,639,358.36	August 2031	12,891,963.70
November 2021	64,599,318.96	October 2026	30,215,112.50	September 2031	12,694,059.11
December $2021 \dots$	63,874,767.80	November 2026	29,796,023.58	October 2031	12,498,794.44
January 2022	63,155,140.40	December $2026 \dots$	29,382,031.91	November 2031	12,306,136.73
February 2022	62,440,402.21	January 2027	28,973,078.47	December 2031	12,116,053.47
March 2022	61,730,518.91	February 2027	28,569,104.90	January 2032	11,928,512.50
April 2022	61,025,456.41	March 2027	28,170,053.51	February 2032	11,743,482.08
May 2022	60,325,180.84	April 2027	27,775,867.23	March 2032	11,560,930.83
June 2022	59,629,658.54	May 2027	27,386,489.66	April 2032	11,380,827.74
July 2022	58,938,856.10	June 2027	27,001,865.02	May 2032	11,203,142.20
August 2022	58,252,740.30	July 2027	26,621,938.14	June 2032	11,027,843.94
September 2022	57,571,278.17	August 2027	26,246,654.51	July 2032	10,854,903.08
October 2022	56,894,436.94	September 2027	25,875,960.19	August 2032	10,684,290.07
November 2022	56,222,184.05	October 2027	25,509,801.88	September 2032	10,515,975.75
December 2022	55,554,487.18	November 2027	25,148,126.87	October 2032	10,349,931.28

## Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
November 2032	\$ 10,186,128.19	June 2037	\$ 3,924,215.67	January 2042	\$ 1,103,663.66
December $2032$	10,024,538.34	July 2037	3,849,547.36	February 2042	1,071,402.09
January 2033	9,865,133.93	August 2037	3,775,957.44	March 2042	1,039,657.78
February 2033	9,707,887.50	September 2037	3,703,431.91	April 2042	1,008,423.68
March 2033	9,552,771.92	October 2037	3,631,956.94	May 2042	977,692.86
April 2033	9,399,760.39	November 2037	3,561,518.86	June 2042	947,458.45
May 2033	9,248,826.42	December 2037	3,492,104.18	July 2042	917,713.68
June 2033	9,099,943.86	January 2038	3,423,699.57	August 2042	888,451.85
July 2033	8,953,086.86	February 2038	3,356,291.86	September 2042	859,666.37
August 2033	8,808,229.89	March 2038	3,289,868.05	October 2042	831,350.72
September 2033	8,665,347.72	April 2038	3,224,415.30	November 2042	803,498.45
October 2033	8,524,415.45	May 2038	3,159,920.92	December $2042$	776,103.22
November 2033	8,385,408.44	June 2038	3,096,372.38	January 2043	749,158.74
December $2033$	8,248,302.38	July 2038	3,033,757.32	February 2043	722,658.81
January 2034	8,113,073.24	August 2038	2,972,063.51	March 2043	696,597.33
February 2034	7,979,697.29	September 2038	2,911,278.88	April 2043	670,968.25
March 2034	7,848,151.08	October 2038	2,851,391.51	May 2043	645,765.60
April 2034	7,718,411.44	November 2038	2,792,389.62	June 2043	620,983.50
May 2034	7,590,455.50	December 2038	2,734,261.59	July 2043	596,616.14
June 2034	7,464,260.64	January 2039	2,676,995.94	August 2043	572,657.77
July 2034	7,339,804.54	February 2039	2,620,581.31	September 2043	549,102.73
August 2034	7,217,065.13	March 2039	2,565,006.52	October 2043	525,945.42
September 2034	7,096,020.62	April 2039	2,510,260.50	November 2043	503,180.33
October 2034	6,976,649.48	May 2039	2,456,332.31	December $2043 \dots$	480,801.99
November 2034	6,858,930.44	June 2039	2,403,211.17	January 2044	458,805.03
December $2034$	6,742,842.49	July 2039	2,350,886.43	February 2044	437,184.13
January 2035	6,628,364.88	August 2039	2,299,347.57	March 2044	415,934.05
February 2035	6,515,477.11	September 2039	2,248,584.17	April 2044	395,049.60
March 2035	6,404,158.91	October 2039	2,198,585.98	May 2044	374,525.67
April 2035	6,294,390.29	November 2039	2,149,342.87	June 2044	354,357.21
May 2035	6,186,151.48	December 2039	2,100,844.82	July 2044	334,539.24
June 2035	6,079,422.96	January 2040	2,053,081.95	August 2044	315,066.85
July 2035	5,974,185.44	February 2040	2,006,044.49	September 2044	295,935.16
August 2035	5,870,419.86	March 2040	1,959,722.79	October 2044	277,139.39
September 2035	5,768,107.42	April 2040	1,914,107.34	November 2044	258,674.81
October 2035	5,667,229.52	May 2040	1,869,188.73	December 2044	240,536.74
November 2035	5,567,767.80	June 2040	1,824,957.68	January 2045	222,720.57
December $2035 \dots$	5,469,704.12	July 2040	1,781,405.02	February 2045	205,221.74
January 2036	5,373,020.55	August 2040	1,738,521.68	March 2045	188,035.78
February 2036	5,277,699.41	September 2040	1,696,298.73	April 2045	171,158.22
March 2036	5,183,723.20	October 2040	1,654,727.33	May 2045	154,584.70
April 2036	5,091,074.67	November 2040	1,613,798.76	June 2045	138,310.89
May 2036	4,999,736.73	December $2040 \dots$	1,573,504.42	July 2045	122,332.54
June 2036	4,909,692.55	January 2041	1,533,835.78	August 2045	106,645.41
July 2036	4,820,925.49	February 2041	1,494,784.47	September 2045	91,245.35
August 2036	4,733,419.10	March 2041	1,456,342.17	October 2045	76,128.27
September 2036	4,647,157.13	April 2041	1,418,500.72	November 2045	61,290.11
October 2036	4,562,123.56	May 2041	1,381,252.00	December $2045 \dots$	46,726.87
November 2036	4,478,302.53	June 2041	1,344,588.05	January 2046	32,434.60
December $2036$	4,395,678.39	July 2041	1,308,500.97	February 2046	18,409.40
January 2037	4,314,235.67	August 2041	1,272,982.99	March 2046	10,082.11
February 2037	4,233,959.13	September 2041	1,238,026.41	April 2046	4,510.40
March 2037	4,154,833.66	October 2041	1,203,623.63	May 2046 and	
April 2037	4,076,844.38	November 2041	1,169,767.17	thereafter	0.00
May 2037	3,999,976.56	December 2041	1,136,449.61		

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. \$410,016,645



# Guaranteed REMIC Pass-Through Certificates

Fannie Mae REMIC Trust 2018-14

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**Prospectus Supplement** 

Citigroup

February 22, 2018