Prospectus Supplement
(To REMIC Prospectus dated November 1, 2018)

$485,986,595

Fannie Mae®

Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2019-6

The Certificates

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

Payments to Certificateholders

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

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

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

The Fannie Mae Guaranty

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

The Trust and its Assets

The trust will own

- Fannie Mae MBS backed by first lien, single-family fixed-rate loans, and
- an underlying RCR certificate backed by Fannie Mae MBS.

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

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
AB(2) .	1	$ 42,803,573	PT	3.00%	FIX	3136B35V8	March 2049
FA(2) .	1	57,071,430	PT	(3)	FLT	3136B3P20	March 2049
SA(2) .	1	57,071,430(4)	NTL	(3)	INV/IO	3136B3P38	March 2049
LF	2	21,500,000	PT	(3)	FLT	3136B3P46	March 2049
LS	2	21,500,000(4)	NTL	(3)	INV/IO	3136B3P53	March 2049
LA . . .	2	43,000,000	PT	3.50	FIX	3136B3P61	March 2049
KF	3	27,310,717	PT	(3)	FLT	3136B3P79	March 2049
KS	3	27,310,717(4)	NTL	(3)	INV/IO	3136B3P87	March 2049
KA(2) .	3	42,787,024	SEQ	3.50	FIX	3136B3P95	March 2046
KV(2) .	3	3,834,151	SEQ/AD	3.50	FIX	3136B3Q29	June 2030
KZ(2) .	3	8,000,261	SEQ	3.50	FIX/Z	3136B3Q37	March 2049
GA(2) .	4	86,765,000	SEQ/AD	4.00	FIX	3136B3Q45	November 2047
GE(2) .	4	8,185,000	SEQ/AD	4.00	FIX	3136B3Q52	February 2049
GZ . . .	4	17,690,000	SEQ	4.00	FIX/Z	3136B3Q60	March 2059
AP(2) .	5	62,644,000	SC/PAC	3.25	FIX	3136B3Q78	September 2048
IP(2) . .	5	11,745,750(4)	NTL	4.00	FIX/IO	3136B3Q86	September 2048
PN	5	2,985,525	SC/SUP	4.00	FIX	3136B3Q94	September 2048
BP(2) .	6	42,749,473	PAC	4.00	FIX	3136B3R28	December 2047
BG(2) .	6	4,561,044	PAC	4.00	FIX	3136B3R36	March 2049
BU . . .	6	14,099,397	SUP	4.00	FIX	3136B3R44	March 2049
R		0	NPR	0	NPR	3136B3R51	March 2059
RL		0	NPR	0	NPR	3136B3R69	March 2059

(1) See "Description of the Certificates - Class Definitions and Abbreviations" in the REMIC prospectus.
(2) Exchangeable classes.
(3) Based on LIBOR.
(4) Notional principal balances. These classes are interest only classes. See page S-5 for a description of how their notional principal balances are calculated.

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The AT, AC, A, KB, K, HE, HI, HD, HC, HB, HG, HJ, HK, HL, HM, HN, GJ, GI, GH, GD, GC, GB, GK, GL, GM, GN, GP, PA, BD, IB, B, BI and PB Classes are the RCR classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and "Description of the Certificates-Combination and Recombination-RCR Certificates" in the REMIC prospectus.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be February 28, 2019.

Carefully consider the risk factors on page S-7 of this prospectus supplement and starting on page 7 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.

Credit Suisse

The date of this Prospectus Supplement is February 22, 2019

TABLE OF CONTENTS

	Page
AVAILABLE INFORMATION	S-3
SUMMARY	S-4
ADDITIONAL RISK FACTORS	S-7
DESCRIPTION OF THE CERTIFICATES	S-8
GENERAL	S-8
Structure	S-8
Fannie Mae Guaranty	S-8
Characteristics of Certificates	S-9
Authorized Denominations	S-9
THE TRUST MBS	S-9
THE GROUP 5 UNDERLYING RCR CERTIFICATE	S-10
DISTRIBUTIONS OF INTEREST	S-10
General	S-10
Delay Classes and No-Delay Classes	S-11
Accrual Classes	S-11
DISTRIBUTIONS OF PRINCIPAL	S-11
STRUCTURING ASSUMPTIONS	S-12
Pricing Assumptions	S-12
Prepayment Assumptions	S-12
Principal Balance Schedules.	S-12
YIELD TABLES	S-13
General	S-13
The Inverse Floating Rate Classes	S-14
The Fixed Rate Interest Only Classes	S-15
WEIGHTED AVERAGE LIVES OF THE CERTIFICATES	S-16
DECREMENT TABLES	S-16
CHARACTERISTICS OF THE RESIDUAL CLASSES	S-25
CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES	S-25
REMIC ELECTIONS AND SPECIAL TAX ATTRIBUTES	S-25
TAXATION OF BENEFICIAL OWNERS OF REGULAR CERTIFICATES	S-25
TAXATION OF BENEFICIAL OWNERS OF RESIDUAL CERTIFICATES	S-26
TAXATION OF BENEFICIAL OWNERS OF RCR CERTIFICATES	S-26
TAX AUDIT PROCEDURES	S-26
FOREIGN INVESTORS	S-27
ADDITIONAL ERISA CONSIDERATIONS	S-27
PLAN OF DISTRIBUTION	S-27
EUROPEAN ECONOMIC AREA RISK RETENTION	S-27
LEGAL MATTERS	S-29
EXHIBIT A	A-1
SCHEDULE 1	A-2
PRINCIPAL BALANCE SCHEDULES	B-1

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 Single-Family REMIC Pass-Through Certificates dated November 1, 2018 (the "REMIC Prospectus");
- our Prospectus for Fannie Mae Guaranteed Mortgage Pass-Through Certificates (Single-Family Residential Mortgage Loans) dated
  - May 1, 2018, for all MBS issued on or after May 1, 2018,
  - June 1, 2016, for all MBS issued on or after June 1, 2016 and prior to May 1, 2018,
  - 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,
  - July 1, 2011, for all MBS issued on or after July 1, 2011 and prior to February 1, 2012,
  - 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 5 Class or the R or RL Class, the disclosure document relating to the underlying RCR 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 May 1, 2018.

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
1100 15th Street, NW
Washington, D.C. 20005
(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:

Credit Suisse Securities (USA) LLC
Prospectus Department
11 Madison Avenue
New York, New York 10010-3629
(telephone 212-325-2580).

SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of February 1, 2019. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on page S-3. In particular, please see the discussion of risk factors that appears in each of those additional disclosure documents.

Assets Underlying Each Group of Classes

Group	Assets
1	Group 1 MBS
2	Group 2 MBS
3	Group 3 MBS
4	Group 4 MBS
5	Class 2018-63-P RCR Certificate
6	Group 6 MBS

Group 1, Group 2, Group 3, Group 4 and Group 6

Characteristics of the Trust 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	$ 99,875,003	5.00%	5.25% to 7.50%	207 to 360
Group 2 MBS	$ 64,500,000	4.50%	4.75% to 7.00%	194 to 360
Group 3 MBS	$ 81,932,153	4.50%	4.75% to 7.00%	238 to 360
Group 4 MBS	$112,640,000	4.00%	4.25% to 6.50%	361 to 480
Group 6 MBS	$ 61,409,914	4.00%	4.25% to 6.50%	241 to 360

Assumed Characteristics of the Underlying Mortgage Loans

	Principal Balance	Original Term to Maturity (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Interest Rate
Group 1 MBS	$ 99,875,003	360	207	145	5.518%
Group 2 MBS	$ 64,500,000	360	194	105	4.927%
Group 3 MBS	$ 81,932,153	360	297	57	5.010%
Group 4 MBS	$112,640,000	480	417	57	4.572%
Group 6 MBS	$ 61,409,914	360	358	1	4.957%

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the Trust 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 5

Exhibit A describes the underlying RCR certificate in Group 5, including certain information about the related mortgage loans. To learn more about the underlying RCR certificate, 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, 2019.

Distribution Dates

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

Record Date

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

Book-Entry and Physical Certificates

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

Fed Book-Entry	Physical
All classes of certificates other than the R and RL Classes	R and RL Classes

Exchanging Certificates Through Combination and Recombination

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

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

Interest Rates

During each interest accrual period, the fixed rate classes will bear interest at the applicable annual interest rates listed on the cover of this prospectus supplement or on Schedule 1.

During the initial interest accrual period, the floating rate and inverse floating rate classes will bear interest at the initial interest rates listed below. During each subsequent interest accrual period, the floating rate and inverse floating rate classes 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)
FA	2.913%	6.50%	0.40%	LIBOR + 40 basis points
SA	3.587%	6.10%	0.00%	6.1% - LIBOR
LF	2.900%	6.50%	0.40%	LIBOR + 40 basis points
LS	3.600%	6.10%	0.00%	6.1% - LIBOR
KF	2.960%	6.50%	0.45%	LIBOR + 45 basis points
KS	3.540%	6.05%	0.00%	6.05% - LIBOR

(1) We will establish LIBOR on the basis of the "ICE Method."

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	
SA	100% of the FA Class
LS	100% of the LF Class

KS	100%	of the KF Class
IP	18.75%	of the AP Class
HI	25%	of the GA Class
GI	25%	of the *sum* of the GA and GE Classes
IB	12.4999997076%	of the BP Class
BI	12.4999986789%	of the *sum* of the BP and BG Classes

Distributions of Principal

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

Weighted Average Lives (years)*

	PSA Prepayment Assumption								
Group 1 Classes	**0%**	**100%**	**210%**	**300%**	**400%**	**500%**	**700%**	**900%**	
AB, FA, SA, AT, AC and A	20.2	7.1	5.0	3.9	3.1	2.5	1.7	1.3	

	PSA Prepayment Assumption								
Group 2 Classes	**0%**	**100%**	**150%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
LF, LS and LA	19.9	6.6	5.7	5.0	3.8	3.0	2.5	1.7	1.2

	PSA Prepayment Assumption								
Group 3 Classes	**0%**	**100%**	**150%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
KF, KS and K	19.9	9.1	7.4	6.1	4.4	3.3	2.6	1.8	1.3
KA	17.5	6.3	4.8	3.8	2.6	2.0	1.6	1.0	0.8
KV	6.0	6.0	6.0	5.9	5.1	4.3	3.6	2.6	2.0
KZ	28.6	19.3	16.8	14.6	11.3	8.9	7.2	5.0	3.6
KB	28.6	19.3	16.8	14.4	10.8	8.3	6.6	4.5	3.2

	PSA Prepayment Assumption								
Group 4 Classes	**0%**	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
GA, HE, HD, HC, HB, HG, HJ, HK, HL, HM, HN and HI	17.8	6.0	4.3	3.6	2.5	1.9	1.5	1.0	0.7
GE	29.3	14.3	10.9	9.3	6.7	5.2	4.1	2.8	2.0
GZ	35.5	22.8	18.4	16.1	11.8	9.1	7.2	4.9	3.5
GJ, GH, GD, GC, GB, GK, GL, GM, GN, GP and GI	18.8	6.7	4.8	4.1	2.9	2.2	1.7	1.2	0.8

	PSA Prepayment Assumption									
Group 5 Classes	**0%**	**100%**	**150%**	**200%**	**300%**	**400%**	**600%**	**800%**	**1000%**	**1300%**
AP, IP, PA and PB	13.9	6.6	5.6	5.6	5.6	4.5	3.1	2.3	1.9	1.4
PN	23.1	12.8	7.8	3.6	3.1	1.7	1.1	0.8	0.6	0.5

	PSA Prepayment Assumption									
Group 6 Classes	**0%**	**100%**	**150%**	**200%**	**300%**	**400%**	**600%**	**800%**	**1000%**	**1300%**
BP, BD and IB	16.0	6.7	5.3	5.3	5.3	4.4	3.3	2.7	2.3	1.9
BG	26.0	17.2	16.7	16.7	16.7	13.1	8.9	6.6	5.2	3.8
BU	28.4	22.0	17.4	11.0	2.8	1.9	1.3	1.1	0.9	0.8
B and BI	17.0	7.7	6.4	6.4	6.4	5.2	3.8	3.1	2.6	2.1

* 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 November 2018, various areas of Northern and Southern California experienced catastrophic damage due to wildfires; in September and October of 2018, areas of the coastal Carolinas and Florida experienced extensive damage as a result of Hurricane Florence and Hurricane Michael, respectively; and 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 damage resulting from the foregoing events, including fire loss, mudslides, 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. In early 2018, ICE stated its intention to continue to administer and quote LIBOR after 2021, possibly employing an alternative methodology. Therefore, no assurance can be given that LIBOR on any date accurately represents the London interbank rate or the rate applicable to actual loans in U.S. dollars for the relevant period between leading European banks, or that the underlying methodology for LIBOR will not change. 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. or elsewhere. Uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the trading market for LIBOR-based 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 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 will 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 5 Classes will be affected by the applicable payment priority governing the related underlying RCR certificate. If you invest in a Group 5 Class, the rate at which you receive payments will be affected by the applicable priority sequence governing principal payments on the Group 5 Underlying RCR Certificate.

As described in the Underlying REMIC Disclosure Document, principal payments on the Group 5 Underlying RCR Certificate are governed by a principal balance schedule. As a result, the Group 5 Underlying RCR 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 5 Underlying RCR 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 5 Underlying RCR Certificate has adhered to the related principal balance schedule,
- any related support classes remain outstanding, or
- the Group 5 Underlying RCR Certificate otherwise has performed as originally anticipated.

You may obtain additional information about the Underlying RCR 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, 2019 (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:

- five groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the "Group 1 MBS," "Group 2 MBS," "Group 3 MBS," "Group 4 MBS" and "Group 6 MBS" and together, the "Trust MBS"), and
- a previously issued RCR Certificate (the "Group 5 Underlying RCR Certificate") issued from the related Fannie Mae REMIC trust (the "Underlying REMIC Trust"), as further described in Exhibit A.

The Group 5 Underlying RCR 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 residential mortgage loans (the "Mortgage Loans") having the characteristics described in this prospectus supplement.

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

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

REMIC Designation	Assets	Regular Interests	Residual Interest
Lower Tier REMIC	Trust MBS and Group 5 Underlying RCR Certificate	Interests in the Lower Tier REMIC other than the RL Class (the "Lower Tier Regular Interests")	RL
Upper Tier REMIC	Lower Tier Regular Interests	All Classes of REMIC Certificates other than the R and RL Classes	R

Fannie Mae Guaranty. For a description of our guaranties of the Certificates, the MBS, and the Group 5 Underlying RCR Certificate, see the applicable discussions appearing under the heading "Fannie Mae Guaranty" in the REMIC Prospectus, the MBS Prospectus and the Underlying REMIC Disclosure Documents. Our guaranties are not backed by the full faith and credit of the United States.

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

We will issue the Residual Certificates in fully registered, certificated form. The "Holder" or "Certificateholder" of a Residual Certificate is its registered owner. A Residual Certificate can be transferred at the corporate trust office of the Transfer Agent, or at the office of the Transfer Agent in New York, New York. U.S. Bank National Association in Boston, Massachusetts will be the initial Transfer Agent. We may impose a service charge for any registration of transfer of a Residual Certificate and may require payment to cover any tax or other governmental charge. See also "-Characteristics of the Residual Classes" below.

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

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

The Trust MBS

The Trust MBS provide that principal and interest on the related Mortgage Loans are passed through monthly. The Mortgage Loans underlying the Trust 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 in the case of the Group 1 MBS, Group 2 MBS, Group 3 MBS and Group 6 MBS; and up to 40 years in the case of the Group 4 MBS.

In addition, the pools of Mortgage Loans backing the Group 1 MBS have been designated as pools of "reperforming loans" as described further under "The Mortgage Loans-Previously Delinquent Mortgage Loans-*Reperforming Loans*" in the MBS Prospectus dated May 1, 2018. These loans are conventional, non-modified mortgage loans that became delinquent after we initially acquired them but were current as of the issue date of each related MBS. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools underlying the Group 1 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also "Risk Factors-Risks Relating to Yield and Prepayment-*Mortgage loans that became delinquent after we initially acquired them, and that in some cases may have been modified, may perform differently than do mortgage loans without a history of delinquency*" in the MBS Prospectus dated May 1, 2018.

Furthermore, the pools of Mortgage Loans backing the Group 2 MBS have been designated as pools of "reperforming modified step rate loans" as described further under "The Mortgage Loans- Previously Delinquent Mortgage Loans-*Reperforming Loans*" and "-*Reperforming Modified Step Rate Loans*" in the MBS Prospectus dated May 1, 2018. These loans are conventional, modified mortgage loans that became delinquent after we initially acquired them but were current as of the issue date of each related MBS. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools underlying the Group 2 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also "Risk Factors-Risks Relating to Yield and Prepayment-*Mortgage loans that became delinquent after we initially acquired them, and that in some cases may have been modified, may perform differently than do mortgage loans without a history of delinquency*" in the MBS Prospectus dated May 1, 2018.

Moreover, the pools of Mortgage Loans backing the Group 4 MBS have been designated as pools of "reperforming modified loans" as described further under "The Mortgage Loans-Previously Delinquent Mortgage Loans-Reperforming Loans" and "-Reperforming Modified Loans" in the MBS Prospectus dated May 1, 2018. These loans are conventional, modified mortgage loans that became delinquent after we initially acquired them but were current as of the issue date of each related MBS. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools underlying the Group 4 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also "Risk Factors-Risks Relating to Yield and Prepayment-*Mortgage loans that became delinquent after we initially acquired them, and that in some cases may have been modified, may perform differently than do mortgage loans without a history of delinquency*" in the MBS Prospectus dated May 1, 2018.

Finally, the pools of mortgage loans backing the Group 6 MBS 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 May 1, 2018. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools underlying the Group 6 MBS, see the Final Data Statement for the 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.

For additional information, see "Summary- Group 1, Group 2, Group 3, Group 4 and Group 6 - Characteristics of the Trust MBS" in this prospectus supplement and "The Mortgage Loan Pools" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus.

The Group 5 Underlying RCR Certificate

The Group 5 Underlying RCR Certificate represents beneficial ownership interests in the 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 5 Underlying RCR 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 May 1, 2018. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools backing the Group 5 Underlying RCR Certificate, see the Final Data Statement for the 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 5 Underlying RCR Certificate will be passed through monthly, beginning in the month after we issue the Certificates. The general characteristics of the Group 5 Underlying RCR Certificate are described in the Underlying REMIC Disclosure Document. See Exhibit A for certain additional information about the Group 5 Underlying RCR Certificate. Exhibit A is provided in lieu of a Final Data Statement with respect to the Group 5 Underlying RCR Certificate.

For further information about the Group 5 Underlying RCR Certificate, telephone us at 800-2FANNIE. Additional information about the Group 5 Underlying RCR Certificate is also available at https://mbsdisclosure.fanniemae.com/PoolTalk2/index.html. 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 "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 also determine the business day convention, the definition of business day, the reference rate date and the determination date to be used and any other methodology for calculating the alternative method or index, and 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**
Fixed Rate Classes	Floating Rate and Inverse Floating Rate Classes

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

Accrual Classes. The KZ and GZ 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.

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 AB and FA, pro rata, until retired.

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

• *Group 2*

The Group 2 Principal Distribution Amount to LF and LA, pro rata, until retired.

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

• *Group 3*

The KZ Accrual Amount to KV until retired, and thereafter to KZ.

The Group 3 Cash Flow Distribution Amount as follows:

- 33.3333325197% to KF until retired, and
- 66.6666674803% to KA, KV, and KZ, in that order, until retired.

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

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

• *Group 4*

The GZ Accrual Amount to GA and GE, in that order, until retired, and thereafter to GZ.

The Group 4 Cash Flow Distribution Amount to GA, GE and GZ, in that order, until retired.

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

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

• *Group 5*

The Group 5 Principal Distribution Amount in the following priority:

1. To AP to its Planned Balance.

2. To PN until retired.

3. To AP until retired.

The "Group 5 Principal Distribution Amount" is the principal then paid on the Group 5 Underlying RCR Certificate.

• *Group 6*

The Group 6 Principal Distribution Amount in the following priority:

1. To Aggregate Group to its Planned Balance.

2. To BU until retired.

3. To Aggregate Group to zero.

The "Group 6 Principal Distribution Amount" is the principal then paid on the Group 6 MBS.

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

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

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 5 Underlying RCR Certificate, the applicable priority sequence governing principal payments on the Group 5 Underlying RCR Certificate, and the following assumptions (collectively, the "Pricing Assumptions"):

- the Mortgage Loans underlying the Trust MBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under "Summary- Group 1, Group 2, Group 3, Group 4 and Group 6 - Assumed Characteristics of the Underlying Mortgage Loans" in this prospectus supplement;
- the Mortgage Loans prepay at the constant percentages of PSA specified in the related tables;
- the settlement date for the Certificates is February 28, 2019; 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 Trust 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 is PSA. For a description of PSA, see "Yield, Maturity and Prepayment Considerations-Prepayment Models" in the REMIC Prospectus. It is highly unlikely that prepayments will occur at any *constant* PSA rate or at any other *constant* rate.

Principal Balance Schedules. The Principal Balance Schedules are set forth beginning on page B-1 of this prospectus supplement. The Principal Balance Schedules were prepared based on the Pricing Assumptions and the assumption that the related Mortgage Loans prepay at a *constant* rate within the applicable "Structuring Ranges," specified in the chart below. The "Effective Range" for an Aggregate Group or a Class is the range of prepayment rates (measured by *constant* PSA rates) that would reduce that Aggregate Group or Class to its scheduled balance each month based on the Pricing Assumptions. We have not provided separate schedules for the individual Classes included in the Aggregate Group. 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 Aggregate Group schedule). If such separate schedules had been provided for the individual Classes included in the Aggregate Group, we expect that the effective ranges for those Classes would not be narrower than that shown below for the Aggregate Group.

Class and Group	Structuring Ranges	Initial Effective Ranges
AP Class Planned Balances	Between 150% and 300% PSA	Between 150% and 300% PSA
Aggregate Group Planned Balances	Between 150% and 300% PSA	Between 150% and 300% PSA

The Aggregate Group consists of the BP and BG Classes.

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

We cannot assure you that the balance of the AP Class or the Aggregate Group will conform on any Distribution Date to the balance specified in the Principal Balance Schedules or that distributions of principal of the AP Class or the 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 the the AP Class and the Aggregate Group to their scheduled balances in any month. As a result, the likelihood of reducing the AP Class and the Aggregate Group to their scheduled balances each month will not be improved by the averaging of high and low principal distributions from month to month.
- Even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Range or Effective Range, principal distributions may be insufficient to reduce the AP Class and the Aggregate Group 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 AP Class and the Aggregate Group 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 a Class or Aggregate Group having scheduled balances will be supported by one or more other Classes. When the related supporting Class or Classes are retired, the Class or 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

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 notional principal balance reductions on the Certificates are likely to differ from those assumed. This would be the case even if all Mortgage Loans prepay at the indicated constant percentages of PSA. Moreover, it is unlikely that

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

The Inverse Floating Rate 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 Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. As illustrated in the applicable tables below, it is possible that investors in the Inverse Floating Rate Classes 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 notional principal balance) are as follows:

Class	Price*
SA	13.00000%
LS	13.12500%
KS	14.59375%

* 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 SA Class to Prepayments and LIBOR
(Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption							
LIBOR	50%	100%	210%	300%	400%	500%	700%	900%
0.62825%	36.6%	33.0%	24.9%	18.1%	10.2%	2.0%	(15.6)%	(35.2)%
1.25650%	31.1%	27.6%	19.6%	12.9%	5.2%	(2.9)%	(20.1)%	(39.3)%
2.51300%	19.9%	16.6%	9.0%	2.6%	(4.8)%	(12.5)%	(29.0)%	(47.3)%
4.51300%	0.6%	(2.5)%	(9.5)%	(15.4)%	(22.2)%	(29.3)%	(44.4)%	(61.2)%
6.10000%	*	*	*	*	*	*	*	*

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

	PSA Prepayment Assumption								
LIBOR	50%	100%	150%	200%	300%	400%	500%	700%	900%
0.625%	35.3%	31.7%	28.1%	24.4%	16.9%	9.0%	0.8%	(16.7)%	(36.2)%
1.250%	29.8%	26.3%	22.8%	19.2%	11.8%	4.1%	(3.9)%	(21.1)%	(40.2)%
2.500%	18.7%	15.4%	12.0%	8.5%	1.5%	(5.9)%	(13.5)%	(29.9)%	(48.2)%
4.500%	(0.8)%	(3.9)%	(7.0)%	(10.1)%	(16.6)%	(23.4)%	(30.4)%	(45.4)%	(62.2)%
6.100%	*	*	*	*	*	*	*	*	*

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

	PSA Prepayment Assumption								
LIBOR	**50%**	**100%**	**150%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
0.6275%	33.3%	29.8%	26.2%	22.5%	15.0%	7.2%	(0.9)%	(18.4)%	(37.7)%
1.2550%	28.5%	25.1%	21.5%	17.9%	10.5%	2.9%	(5.1)%	(22.2)%	(41.3)%
2.5100%	18.9%	15.6%	12.2%	8.7%	1.6%	(5.8)%	(13.5)%	(29.9)%	(48.2)%
4.5100%	2.7%	(0.4)%	(3.6)%	(6.8)%	(13.5)%	(20.3)%	(27.5)%	(42.8)%	(60.2)%
6.0500%	*	*	*	*	*	*	*	*	*

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

Class	**% PSA**
HI	193%
GI	194%
IP	418%
IB	411%
BI	418%

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

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

Class	**Price***
HI	14.50%
GI	16.50%
IP	17.00%
IB	17.00%
BI	20.00%

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

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

Sensitivity of the HI Class to Prepayments

	PSA Prepayment Assumption								
	50%	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
Pre-Tax Yields to Maturity	19.8%	13.6%	5.0%	(1.1)%	(18.1)%	(36.5)%	(55.7)%	(94.1)%	*

Sensitivity of the GI Class to Prepayments

	PSA Prepayment Assumption								
	50%	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
Pre-Tax Yields to Maturity	17.0%	11.6%	4.3%	(0.9)%	(15.2)%	(31.0)%	(47.6)%	(81.9)%	*

Sensitivity of the IP Class to Prepayments

	PSA Prepayment Assumption									
	50%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Pre-Tax Yields to Maturity	15.1%	10.3%	6.6%	6.6%	6.6%	1.1%	(12.0)%	(26.5)%	(42.5)%	(70.1)%

Sensitivity of the IB Class to Prepayments

	PSA Prepayment Assumption									
	50%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Pre-Tax Yields to Maturity	16.5%	11.4%	6.1%	6.1%	6.1%	0.7%	(12.5)%	(25.7)%	(38.2)%	(55.1)%

Sensitivity of the BI Class to Prepayments

	PSA Prepayment Assumption									
	50%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Pre-Tax Yields to Maturity	13.4%	9.0%	5.3%	5.3%	5.3%	0.9%	(9.5)%	(20.6)%	(32.2)%	(50.2)%

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 3, Group 4, Group 5 and Group 6 Classes, and
- in the case of the Group 5 Classes, the applicable priority sequence governing principal payments on the Group 5 Underlying RCR 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 rates, 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 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 Maturity	Remaining Terms to Maturity	Interest Rates
Group 1 MBS	360 months	360 months	7.50%
Group 2 MBS	360 months	360 months	7.00%

Group 3 MBS	360 months	360 months	7.00%
Group 4 MBS	480 months	480 months	6.50%
Group 5 Underlying RCR Certificate	360 months	354 months	6.50%
Group 6 MBS	360 months	360 months	6.50%

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

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 rates, 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

	AB, FA, SA†, AT, AC and A Classes								LF, LS† and LA Classes								
	PSA Prepayment Assumption								PSA Prepayment Assumption								
Date	0%	100%	210%	300%	400%	500%	700%	900%	0%	100%	150%	200%	300%	400%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2020	99	91	84	79	73	68	56	44	99	90	87	84	79	73	67	56	44
February 2021	98	82	71	62	54	45	31	20	98	81	76	71	62	53	45	31	19
February 2022	97	74	59	49	39	30	17	9	97	72	65	59	48	38	30	17	8
February 2023	96	66	49	38	28	20	10	4	95	64	56	49	37	27	20	9	4
February 2024	95	59	41	30	20	13	5	2	94	57	48	41	29	20	13	5	2
February 2025	93	52	34	23	15	9	3	1	93	49	41	33	22	14	8	3	1
February 2026	92	46	27	18	10	6	2	*	91	43	34	27	16	10	5	1	*
February 2027	90	40	22	13	7	4	1	*	89	37	28	22	12	7	3	1	*
February 2028	89	34	18	10	5	2	*	*	88	31	23	17	9	5	2	*	*
February 2029	87	29	14	7	3	2	*	*	86	26	19	13	7	3	1	*	*
February 2030	85	24	11	5	2	1	*	*	84	21	14	10	5	2	1	*	*
February 2031	83	19	8	4	2	1	*	*	82	16	11	7	3	1	*	*	*
February 2032	80	15	6	3	1	*	*	*	79	12	8	5	2	1	*	*	*
February 2033	78	11	4	2	1	*	*	*	77	8	5	3	1	*	*	*	*
February 2034	75	8	3	1	*	*	*	*	74	4	2	1	1	*	*	*	*
February 2035	73	4	1	*	*	*	*	*	71	1	*	*	*	*	*	*	*
February 2036	70	1	*	*	*	*	*	*	68	0	0	0	0	0	0	0	0
February 2037	66	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	0
February 2038	63	0	0	0	0	0	0	0	61	0	0	0	0	0	0	0	0
February 2039	59	0	0	0	0	0	0	0	57	0	0	0	0	0	0	0	0
February 2040	55	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0
February 2041	50	0	0	0	0	0	0	0	49	0	0	0	0	0	0	0	0
February 2042	46	0	0	0	0	0	0	0	44	0	0	0	0	0	0	0	0
February 2043	40	0	0	0	0	0	0	0	39	0	0	0	0	0	0	0	0
February 2044	35	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0
February 2045	29	0	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0
February 2046	22	0	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0
February 2047	16	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
February 2048	8	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.2	7.1	5.0	3.9	3.1	2.5	1.7	1.3	19.9	6.6	5.7	5.0	3.8	3.0	2.5	1.7	1.2

	KF, KS† and K Classes									KA Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	0%	100%	150%	200%	300%	400%	500%	700%	900%	0%	100%	150%	200%	300%	400%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2020	99	92	89	86	80	74	69	57	45	99	90	86	82	75	67	60	45	30
February 2021	98	85	79	74	64	55	47	32	20	97	80	74	67	54	43	32	13	0
February 2022	97	78	70	64	51	41	32	18	9	96	71	62	54	38	25	13	0	0
February 2023	95	71	62	55	41	30	22	10	4	94	63	52	42	25	11	*	0	0
February 2024	94	65	55	47	33	22	15	6	2	93	55	43	32	14	1	0	0	0
February 2025	93	59	49	40	26	17	10	3	1	91	48	34	23	6	0	0	0	0
February 2026	91	54	43	34	21	12	7	2	*	89	41	27	16	0	0	0	0	0
February 2027	89	49	38	29	16	9	5	1	*	87	35	20	9	0	0	0	0	0
February 2028	88	44	33	24	13	6	3	1	*	84	28	14	3	0	0	0	0	0
February 2029	86	40	29	20	10	5	2	*	*	82	23	9	0	0	0	0	0	0
February 2030	84	35	25	17	8	3	1	*	*	79	18	4	0	0	0	0	0	0
February 2031	82	32	21	14	6	2	1	*	*	76	13	0	0	0	0	0	0	0
February 2032	79	28	18	12	5	2	1	*	*	73	8	0	0	0	0	0	0	0
February 2033	77	25	16	10	4	1	*	*	*	70	4	0	0	0	0	0	0	0
February 2034	74	21	13	8	3	1	*	*	*	67	0	0	0	0	0	0	0	0
February 2035	71	19	11	6	2	1	*	*	*	63	0	0	0	0	0	0	0	0
February 2036	68	16	9	5	2	*	*	*	*	59	0	0	0	0	0	0	0	0
February 2037	65	13	7	4	1	*	*	*	*	55	0	0	0	0	0	0	0	0
February 2038	61	11	6	3	1	*	*	*	*	50	0	0	0	0	0	0	0	0
February 2039	57	9	5	2	1	*	*	*	*	45	0	0	0	0	0	0	0	0
February 2040	53	7	3	2	*	*	*	*	*	40	0	0	0	0	0	0	0	0
February 2041	49	5	2	1	*	*	*	*	0	35	0	0	0	0	0	0	0	0
February 2042	44	3	1	1	*	*	*	*	0	29	0	0	0	0	0	0	0	0
February 2043	39	1	1	*	*	*	*	*	0	22	0	0	0	0	0	0	0	0
February 2044	34	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0
February 2045	28	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0
February 2046	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2047	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2048	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.9	9.1	7.4	6.1	4.4	3.3	2.6	1.8	1.3	17.5	6.3	4.8	3.8	2.6	2.0	1.6	1.0	0.8

* 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.

	KV Class									KZ Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	0%	100%	150%	200%	300%	400%	500%	700%	900%	0%	100%	150%	200%	300%	400%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2020	93	93	93	93	93	93	93	93	93	104	104	104	104	104	104	104	104	104
February 2021	85	85	85	85	85	85	85	85	65	107	107	107	107	107	107	107	107	107
February 2022	77	77	77	77	77	77	77	28	0	111	111	111	111	111	111	111	111	62
February 2023	69	69	69	69	69	69	69	0	0	115	115	115	115	115	115	115	70	28
February 2024	60	60	60	60	60	60	0	0	0	119	119	119	119	119	119	101	40	12
February 2025	51	51	51	51	51	0	0	0	0	123	123	123	123	123	113	69	22	6
February 2026	42	42	42	42	28	0	0	0	0	128	128	128	128	128	83	47	12	2
February 2027	33	33	33	33	0	0	0	0	0	132	132	132	132	112	61	31	7	1
February 2028	23	23	23	23	0	0	0	0	0	137	137	137	137	88	44	21	4	*
February 2029	13	13	13	0	0	0	0	0	0	142	142	142	140	69	32	14	2	*
February 2030	2	2	2	0	0	0	0	0	0	147	147	147	117	54	23	9	1	*
February 2031	0	0	0	0	0	0	0	0	0	148	148	146	98	42	17	6	1	*
February 2032	0	0	0	0	0	0	0	0	0	148	148	125	81	32	12	4	*	*
February 2033	0	0	0	0	0	0	0	0	0	148	148	107	67	25	9	3	*	*
February 2034	0	0	0	0	0	0	0	0	0	148	147	90	55	19	6	2	*	*
February 2035	0	0	0	0	0	0	0	0	0	148	127	75	44	14	4	1	*	*
February 2036	0	0	0	0	0	0	0	0	0	148	108	62	35	11	3	1	*	*
February 2037	0	0	0	0	0	0	0	0	0	148	90	50	28	8	2	*	*	*
February 2038	0	0	0	0	0	0	0	0	0	148	74	40	21	6	1	*	*	*
February 2039	0	0	0	0	0	0	0	0	0	148	59	31	16	4	1	*	*	*
February 2040	0	0	0	0	0	0	0	0	0	148	45	23	11	3	1	*	*	*
February 2041	0	0	0	0	0	0	0	0	0	148	32	16	7	2	*	*	*	*
February 2042	0	0	0	0	0	0	0	0	0	148	19	9	4	1	*	*	*	*
February 2043	0	0	0	0	0	0	0	0	0	148	8	4	2	*	*	*	*	0
February 2044	0	0	0	0	0	0	0	0	0	148	0	0	0	0	0	0	0	0
February 2045	0	0	0	0	0	0	0	0	0	148	0	0	0	0	0	0	0	0
February 2046	0	0	0	0	0	0	0	0	0	147	0	0	0	0	0	0	0	0
February 2047	0	0	0	0	0	0	0	0	0	101	0	0	0	0	0	0	0	0
February 2048	0	0	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	6.0	6.0	6.0	5.9	5.1	4.3	3.6	2.6	2.0	28.6	19.3	16.8	14.6	11.3	8.9	7.2	5.0	3.6

	KB Class								
	PSA Prepayment Assumption								
Date	0%	100%	150%	200%	300%	400%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100
February 2020	100	100	100	100	100	100	100	100	100
February 2021	100	100	100	100	100	100	100	100	93
February 2022	100	100	100	100	100	100	100	84	42
February 2023	100	100	100	100	100	100	100	48	19
February 2024	100	100	100	100	100	100	69	27	8
February 2025	100	100	100	100	100	76	47	15	4
February 2026	100	100	100	100	95	56	32	8	2
February 2027	100	100	100	100	75	41	21	5	1
February 2028	100	100	100	100	59	30	14	3	*
February 2029	100	100	100	94	47	22	10	1	*
February 2030	100	100	100	79	36	16	6	1	*
February 2031	100	100	99	66	28	11	4	*	*
February 2032	100	100	85	55	22	8	3	*	*
February 2033	100	100	72	45	17	6	2	*	*
February 2034	100	99	61	37	13	4	1	*	*
February 2035	100	86	51	30	10	3	1	*	*
February 2036	100	73	42	24	7	2	*	*	*
February 2037	100	61	34	19	5	1	*	*	*
February 2038	100	50	27	14	4	1	*	*	*
February 2039	100	40	21	11	3	1	*	*	*
February 2040	100	30	15	8	2	*	*	*	*
February 2041	100	21	10	5	1	*	*	*	*
February 2042	100	13	6	3	1	*	*	*	0
February 2043	100	5	2	1	*	*	*	*	0
February 2044	100	0	0	0	0	0	0	0	0
February 2045	100	0	0	0	0	0	0	0	0
February 2046	99	0	0	0	0	0	0	0	0
February 2047	69	0	0	0	0	0	0	0	0
February 2048	35	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.6	19.3	16.8	14.4	10.8	8.3	6.6	4.5	3.2

* 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.

	GA, HE, HD, HC, HB, HG, HJ, HK, HL, HM, HN and HI† Classes									GE Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**	**0%**	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2020	98	90	85	82	75	67	59	44	28	100	100	100	100	100	100	100	100	100
February 2021	97	80	72	67	54	42	31	11	0	100	100	100	100	100	100	100	100	50
February 2022	95	71	60	53	36	22	10	0	0	100	100	100	100	100	100	100	15	0
February 2023	93	63	49	40	22	8	0	0	0	100	100	100	100	100	100	60	0	0
February 2024	91	55	39	30	11	0	0	0	0	100	100	100	100	100	62	0	0	0
February 2025	89	47	30	20	1	0	0	0	0	100	100	100	100	100	0	0	0	0
February 2026	87	40	21	12	0	0	0	0	0	100	100	100	100	24	0	0	0	0
February 2027	85	33	14	4	0	0	0	0	0	100	100	100	100	0	0	0	0	0
February 2028	83	26	7	0	0	0	0	0	0	100	100	100	69	0	0	0	0	0
February 2029	80	20	*	0	0	0	0	0	0	100	100	100	4	0	0	0	0	0
February 2030	78	14	0	0	0	0	0	0	0	100	100	39	0	0	0	0	0	0
February 2031	75	8	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
February 2032	72	2	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
February 2033	69	0	0	0	0	0	0	0	0	100	67	0	0	0	0	0	0	0
February 2034	66	0	0	0	0	0	0	0	0	100	13	0	0	0	0	0	0	0
February 2035	63	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2036	59	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2037	55	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2038	51	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2039	47	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2040	43	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2041	38	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2042	33	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2043	28	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2044	22	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2045	17	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2046	11	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2047	4	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
February 2048	0	0	0	0	0	0	0	0	0	70	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2056	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2057	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2058	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.8	6.0	4.3	3.6	2.5	1.9	1.5	1.0	0.7	29.3	14.3	10.9	9.3	6.7	5.2	4.1	2.8	2.0

* 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.

	GZ Class									GJ, GH, GD, GC, GB, GK, GL, GM, GN, GP and GI† Classes								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**	**0%**	**100%**	**161%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2020	104	104	104	104	104	104	104	104	104	99	91	86	84	77	70	63	49	35
February 2021	108	108	108	108	108	108	108	108	108	97	82	74	69	58	47	37	19	4
February 2022	113	113	113	113	113	113	113	113	60	96	74	63	57	42	29	18	1	0
February 2023	117	117	117	117	117	117	117	68	27	94	66	53	46	29	16	5	0	0
February 2024	122	122	122	122	122	122	100	39	12	92	59	44	36	18	5	0	0	0
February 2025	127	127	127	127	127	113	69	22	6	90	52	36	27	9	0	0	0	0
February 2026	132	132	132	132	132	84	47	13	3	88	45	28	19	2	0	0	0	0
February 2027	138	138	138	138	115	63	33	7	1	86	38	21	12	0	0	0	0	0
February 2028	143	143	143	143	93	47	22	4	1	84	32	15	6	0	0	0	0	0
February 2029	149	149	149	149	74	35	15	2	*	82	27	9	*	0	0	0	0	0
February 2030	155	155	155	130	60	26	10	1	*	80	21	3	0	0	0	0	0	0
February 2031	161	161	153	112	48	19	7	1	*	77	16	0	0	0	0	0	0	0
February 2032	168	168	135	96	38	14	5	*	*	75	11	0	0	0	0	0	0	0
February 2033	175	175	118	82	30	11	3	*	*	72	6	0	0	0	0	0	0	0
February 2034	182	182	104	70	24	8	2	*	*	69	1	0	0	0	0	0	0	0
February 2035	189	171	91	60	19	6	2	*	*	66	0	0	0	0	0	0	0	0
February 2036	197	155	79	51	15	4	1	*	*	63	0	0	0	0	0	0	0	0
February 2037	205	140	69	43	12	3	1	*	*	59	0	0	0	0	0	0	0	0
February 2038	214	127	60	36	9	2	*	*	*	56	0	0	0	0	0	0	0	0
February 2039	222	114	51	30	7	2	*	*	*	52	0	0	0	0	0	0	0	0
February 2040	231	102	44	25	6	1	*	*	*	48	0	0	0	0	0	0	0	0
February 2041	241	91	38	21	4	1	*	*	*	43	0	0	0	0	0	0	0	0
February 2042	251	80	32	18	3	1	*	*	*	39	0	0	0	0	0	0	0	0
February 2043	261	70	27	14	3	*	*	*	*	34	0	0	0	0	0	0	0	0
February 2044	271	61	23	12	2	*	*	*	*	29	0	0	0	0	0	0	0	0
February 2045	282	53	19	9	2	*	*	*	0	24	0	0	0	0	0	0	0	0
February 2046	294	45	15	8	1	*	*	*	0	18	0	0	0	0	0	0	0	0
February 2047	306	38	12	6	1	*	*	*	0	12	0	0	0	0	0	0	0	0
February 2048	318	31	10	5	1	*	*	*	0	6	0	0	0	0	0	0	0	0
February 2049	328	24	7	3	*	*	*	*	0	0	0	0	0	0	0	0	0	0
February 2050	304	18	5	2	*	*	*	*	0	0	0	0	0	0	0	0	0	0
February 2051	278	13	4	2	*	*	*	*	0	0	0	0	0	0	0	0	0	0
February 2052	251	8	2	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0
February 2053	222	3	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0
February 2054	191	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2055	157	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2056	122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2057	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2058	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	35.5	22.8	18.4	16.1	11.8	9.1	7.2	4.9	3.5	18.8	6.7	4.8	4.1	2.9	2.2	1.7	1.2	0.8

* 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.

	AP, IP†, PA and PB Classes									
	PSA Prepayment Assumption									
Date	**0%**	**100%**	**150%**	**200%**	**300%**	**400%**	**600%**	**800%**	**1000%**	**1300%**
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2020	98	93	91	91	91	91	91	87	78	65
February 2021	95	83	78	78	78	78	62	47	33	17
February 2022	93	74	66	66	66	59	39	24	13	4
February 2023	90	65	56	56	56	44	24	12	5	1
February 2024	88	57	46	46	46	33	15	6	2	*
February 2025	85	49	37	37	37	24	10	3	1	*
February 2026	82	42	29	29	29	18	6	2	*	*
February 2027	78	35	23	23	23	13	4	1	*	*
February 2028	75	28	19	19	19	10	2	*	*	*
February 2029	71	22	15	15	15	7	1	*	*	*
February 2030	67	15	12	12	12	5	1	*	*	*
February 2031	63	10	9	9	9	4	1	*	*	*
February 2032	59	7	7	7	7	3	*	*	*	0
February 2033	54	6	6	6	6	2	*	*	*	0
February 2034	50	4	4	4	4	1	*	*	*	0
February 2035	44	3	3	3	3	1	*	*	*	0
February 2036	39	3	3	3	3	1	*	*	*	0
February 2037	33	2	2	2	2	1	*	*	*	0
February 2038	27	2	2	2	2	*	*	*	*	0
February 2039	20	1	1	1	1	*	*	*	0	0
February 2040	13	1	1	1	1	*	*	*	0	0
February 2041	6	1	1	1	1	*	*	*	0	0
February 2042	*	*	*	*	*	*	*	*	0	0
February 2043	*	*	*	*	*	*	*	*	0	0
February 2044	*	*	*	*	*	*	*	*	0	0
February 2045	*	*	*	*	*	*	*	0	0	0
February 2046	*	*	*	*	*	*	*	0	0	0
February 2047	*	*	*	*	*	*	*	0	0	0
February 2048	0	0	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	13.9	6.6	5.6	5.6	5.6	4.5	3.1	2.3	1.9	1.4

	PN Class									
	PSA Prepayment Assumption									
Date	**0%**	**100%**	**150%**	**200%**	**300%**	**400%**	**600%**	**800%**	**1000%**	**1300%**
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2020	100	100	100	87	87	87	87	0	0	0
February 2021	100	100	100	70	70	17	0	0	0	0
February 2022	100	100	100	53	53	0	0	0	0	0
February 2023	100	100	100	38	34	0	0	0	0	0
February 2024	100	100	100	23	5	0	0	0	0	0
February 2025	100	100	98	14	1	0	0	0	0	0
February 2026	100	100	78	9	1	0	0	0	0	0
February 2027	100	100	43	6	1	0	0	0	0	0
February 2028	100	100	4	4	1	0	0	0	0	0
February 2029	100	100	2	2	1	0	0	0	0	0
February 2030	100	100	1	1	1	0	0	0	0	0
February 2031	100	100	1	1	1	0	0	0	0	0
February 2032	100	33	*	*	1	0	0	0	0	0
February 2033	100	*	*	*	1	0	0	0	0	0
February 2034	100	*	*	*	1	0	0	0	0	0
February 2035	100	*	*	*	1	0	0	0	0	0
February 2036	100	*	*	*	1	0	0	0	0	0
February 2037	100	*	*	*	1	0	0	0	0	0
February 2038	100	*	*	*	1	0	0	0	0	0
February 2039	100	*	*	*	1	0	0	0	0	0
February 2040	100	*	*	*	1	0	0	0	0	0
February 2041	100	*	*	*	*	0	0	0	0	0
February 2042	55	*	*	*	*	0	0	0	0	0
February 2043	*	*	*	*	*	0	0	0	0	0
February 2044	*	*	*	*	*	0	0	0	0	0
February 2045	*	*	*	*	*	0	0	0	0	0
February 2046	*	*	*	*	*	0	0	0	0	0
February 2047	*	*	*	*	*	0	0	0	0	0
February 2048	0	0	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	23.1	12.8	7.8	3.6	3.1	1.7	1.1	0.8	0.6	0.5

* 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.

BP, BD and IB† Classes

Date	PSA Prepayment Assumption 0%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2020	98	96	95	95	95	95	95	95	95	95
February 2021	97	88	84	84	84	84	84	73	61	43
February 2022	95	78	71	71	71	71	51	33	19	2
February 2023	93	69	59	59	59	51	28	12	1	0
February 2024	91	60	48	48	48	36	14	1	0	0
February 2025	89	52	38	38	38	24	5	0	0	0
February 2026	86	44	29	29	29	15	0	0	0	0
February 2027	84	37	21	21	21	8	0	0	0	0
February 2028	81	30	15	15	15	3	0	0	0	0
February 2029	78	24	10	10	10	0	0	0	0	0
February 2030	75	18	5	5	5	0	0	0	0	0
February 2031	72	12	2	2	2	0	0	0	0	0
February 2032	68	7	0	0	0	0	0	0	0	0
February 2033	65	2	0	0	0	0	0	0	0	0
February 2034	61	0	0	0	0	0	0	0	0	0
February 2035	56	0	0	0	0	0	0	0	0	0
February 2036	52	0	0	0	0	0	0	0	0	0
February 2037	47	0	0	0	0	0	0	0	0	0
February 2038	42	0	0	0	0	0	0	0	0	0
February 2039	36	0	0	0	0	0	0	0	0	0
February 2040	30	0	0	0	0	0	0	0	0	0
February 2041	24	0	0	0	0	0	0	0	0	0
February 2042	17	0	0	0	0	0	0	0	0	0
February 2043	10	0	0	0	0	0	0	0	0	0
February 2044	3	0	0	0	0	0	0	0	0	0
February 2045	0	0	0	0	0	0	0	0	0	0
February 2046	0	0	0	0	0	0	0	0	0	0
February 2047	0	0	0	0	0	0	0	0	0	0
February 2048	0	0	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	16.0	6.7	5.3	5.3	5.3	4.4	3.3	2.7	2.3	1.9

BG Class

Date	PSA Prepayment Assumption 0%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2020	100	100	100	100	100	100	100	100	100	100
February 2021	100	100	100	100	100	100	100	100	100	100
February 2022	100	100	100	100	100	100	100	100	100	100
February 2023	100	100	100	100	100	100	100	100	100	26
February 2024	100	100	100	100	100	100	100	100	42	6
February 2025	100	100	100	100	100	100	100	55	17	1
February 2026	100	100	100	100	100	100	90	28	6	*
February 2027	100	100	100	100	100	100	56	14	3	*
February 2028	100	100	100	100	100	100	35	7	1	*
February 2029	100	100	100	100	100	97	22	4	*	*
February 2030	100	100	100	100	100	72	13	2	*	*
February 2031	100	100	100	100	100	53	8	1	*	*
February 2032	100	100	94	94	94	39	5	*	*	*
February 2033	100	100	74	74	74	28	3	*	*	*
February 2034	100	76	58	58	58	20	2	*	*	*
February 2035	100	46	46	46	46	15	1	*	*	0
February 2036	100	35	35	35	35	11	1	*	*	0
February 2037	100	27	27	27	27	8	*	*	*	0
February 2038	100	21	21	21	21	5	*	*	*	0
February 2039	100	16	16	16	16	4	*	*	*	0
February 2040	100	12	12	12	12	3	*	*	*	0
February 2041	100	9	9	9	9	2	*	*	*	0
February 2042	100	7	7	7	7	1	*	*	*	0
February 2043	100	5	5	5	5	1	*	*	0	0
February 2044	100	3	3	3	3	1	*	*	0	0
February 2045	50	2	2	2	2	*	*	*	0	0
February 2046	1	1	1	1	1	*	*	*	0	0
February 2047	1	1	1	1	1	*	*	*	0	0
February 2048	*	*	*	*	*	*	*	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	26.0	17.2	16.7	16.7	16.7	13.1	8.9	6.6	5.2	3.8

* 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.

	BU Class									
	PSA Prepayment Assumption									
Date	0%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2020	100	100	100	97	90	84	71	57	44	24
February 2021	100	100	100	89	67	46	5	0	0	0
February 2022	100	100	100	79	40	4	0	0	0	0
February 2023	100	100	100	72	21	0	0	0	0	0
February 2024	100	100	100	67	9	0	0	0	0	0
February 2025	100	100	100	63	3	0	0	0	0	0
February 2026	100	100	100	61	*	0	0	0	0	0
February 2027	100	100	99	59	*	0	0	0	0	0
February 2028	100	100	96	56	*	0	0	0	0	0
February 2029	100	100	92	53	*	0	0	0	0	0
February 2030	100	100	86	49	*	0	0	0	0	0
February 2031	100	100	80	44	*	0	0	0	0	0
February 2032	100	100	74	40	*	0	0	0	0	0
February 2033	100	100	67	35	*	0	0	0	0	0
February 2034	100	100	61	31	*	0	0	0	0	0
February 2035	100	97	54	27	*	0	0	0	0	0
February 2036	100	88	48	24	*	0	0	0	0	0
February 2037	100	79	42	20	*	0	0	0	0	0
February 2038	100	71	37	17	*	0	0	0	0	0
February 2039	100	63	32	14	*	0	0	0	0	0
February 2040	100	55	27	12	*	0	0	0	0	0
February 2041	100	47	22	10	*	0	0	0	0	0
February 2042	100	40	18	8	*	0	0	0	0	0
February 2043	100	33	15	6	*	0	0	0	0	0
February 2044	100	26	12	5	*	0	0	0	0	0
February 2045	100	20	9	3	*	0	0	0	0	0
February 2046	89	14	6	2	*	0	0	0	0	0
February 2047	62	9	4	1	*	0	0	0	0	0
February 2048	32	4	2	1	*	0	0	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.4	22.0	17.4	11.0	2.8	1.9	1.3	1.1	0.9	0.8

	B and BI† Classes									
	PSA Prepayment Assumption									
Date	0%	100%	150%	200%	300%	400%	600%	800%	1000%	1300%
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2020	99	96	95	95	95	95	95	95	95	95
February 2021	97	89	86	86	86	86	86	76	65	49
February 2022	95	80	74	74	74	74	56	40	26	11
February 2023	94	72	63	63	63	56	35	20	10	2
February 2024	92	64	53	53	53	42	22	10	4	1
February 2025	90	56	44	44	44	31	14	5	2	*
February 2026	88	49	36	36	36	23	9	3	1	*
February 2027	85	43	29	29	29	17	5	1	*	*
February 2028	83	37	23	23	23	13	3	1	*	*
February 2029	80	31	18	18	18	9	2	*	*	*
February 2030	77	26	14	14	14	7	1	*	*	*
February 2031	75	21	11	11	11	5	1	*	*	*
February 2032	71	16	9	9	9	4	*	*	*	*
February 2033	68	11	7	7	7	3	*	*	*	0
February 2034	64	7	6	6	6	2	*	*	*	0
February 2035	61	4	4	4	4	1	*	*	*	0
February 2036	56	3	3	3	3	1	*	*	*	0
February 2037	52	3	3	3	3	1	*	*	*	0
February 2038	47	2	2	2	2	1	*	*	*	0
February 2039	42	2	2	2	2	*	*	*	*	0
February 2040	37	1	1	1	1	*	*	*	0	0
February 2041	31	1	1	1	1	*	*	*	0	0
February 2042	25	1	1	1	1	*	*	*	0	0
February 2043	19	*	*	*	*	*	*	*	0	0
February 2044	12	*	*	*	*	*	*	*	0	0
February 2045	5	*	*	*	*	*	*	*	0	0
February 2046	*	*	*	*	*	*	*	*	0	0
February 2047	*	*	*	*	*	*	*	0	0	0
February 2048	*	*	*	*	*	*	*	0	0	0
February 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.0	7.7	6.4	6.4	6.4	5.2	3.8	3.1	2.6	2.1

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

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

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

Characteristics of the Residual Classes

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

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

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections and Special Tax Attributes

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

Taxation of Beneficial Owners of Regular Certificates

As described under "Material Federal Income Tax Consequences-Taxation of Beneficial Owners of Regular Certificates-*Treatment of Original Issue Discount*" in the REMIC Prospectus, a Regular Certificate that is an Accrual Class, Notional Class or Principal Only Class will be treated as issued with original issue discount ("OID"). In addition, certain other Classes of Regular 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. In addition, certain Classes of Regular 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 any OID will be as follows:

Group	Prepayment Assumption
1	210% PSA
2	150% PSA
3	150% PSA
4	161% PSA
5	200% PSA
6	200% 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 particular 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. The IRS issued Notice 2018-80, stating its intention to exclude market discount from the application of this rule, effective January 1, 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. The AT, AC, A, KB, K, GB, PA and PB Classes are Combination RCR Certificates. The GK, GL, GM, GN and GP Classes of RCR Certificates each represent (i) the right to receive a proportionate part of the principal and interest payments on each of the GA and GE Classes, representing beneficial ownership of an undivided interest in the GA and GE Classes, and (ii) the right to receive a disproportionate part of the interest payments on each of the GA and GE Classes. To the extent that a GK, GL, GM, GN or GP Class represents beneficial ownership of an undivided interest in a Class, it will be treated as a Combination RCR Certificate. To the extent such Class represents the right to receive a disproportionate part of the interest payments on a Class, it will be treated as a Strip RCR Certificate. The remaining Classes of RCR Certificates are Strip RCR Certificates. For tax reporting purposes, RCR Certificates other than Combination RCR Certificates will be reported as a single debt instrument. 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

As set forth under "Material Federal Income Tax Consequences-Foreign Investors-FATCA" in the REMIC Prospectus, FATCA withholding is scheduled to be imposed, beginning on January 1, 2019, on gross proceeds from the sale or other disposition of Regular Certificates paid to certain persons. However, on December 13, 2018, the IRS released proposed regulations which, if finalized, would eliminate FATCA withholding on gross proceeds to such persons from the sale or other disposition of Regular Certificates. The IRS will permit taxpayers to rely on this aspect of the proposed regulations until final regulations are issued. You should consult your own tax advisor regarding the potential application and impact of FATCA 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. Due to the possibility that Fannie Mae, any Dealer or any of their respective affiliates may receive certain benefits in connection with the sale or holding of the Certificates, the purchase of the Certificates using "assets of a plan" (as described in 29 C.F.R. Section 2510.3-101, as modified by Section 3(42) of ERISA) over which any of these parties or their affiliates has investment authority, or renders investment advice for a fee with respect to the assets of the plan, or is the employer or other sponsor of the plan, might be deemed to be a violation of a provision of Title I of ERISA or Section 4975 of the Code. Accordingly, the Certificates may not be purchased using the assets of any plan if Fannie Mae, any Dealer or any of their respective affiliates has investment authority, or renders investment advice for a fee with respect to the assets of the plan, or is the employer or other sponsor of the plan, unless an applicable prohibited transaction exemption is available to cover the purchase or holding of the Certificates or the transaction is not otherwise prohibited.

PLAN OF DISTRIBUTION

We are obligated to deliver the Certificates to Credit Suisse Securities (USA) LLC (the "Dealer") in exchange for the Trust MBS and the Group 5 Underlying RCR 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.

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 the risk retention provisions of relevant European Economic Area ("EEA") legislation , specifically Regulation (EU) 2017/2402 and its related and implementing or supplementary legislation and technical standards, as amended from time to time (the "Securitisation Regulation"), to the certificates transaction (the "Transaction") is unclear.

Our exposure to the credit risk related to the Transaction is in the form of our guaranty obligations on the certificates (the "Guaranty Obligations"). Our Guaranty Obligations represent general unsecured obligations. Obligations similar to our Guaranty Obligations have long been a central feature to our mortgage-backed securities issuance programs and our Guaranty Obligations were undertaken in the ordinary course of our business.

In determining the extent to which the Securitisation Regulation applies to the Transaction, investors subject to the Securitisation Regulation may wish to consider the guidance appearing in the preamble to the draft regulatory technical standards contained in the European Banking Authority's Final Draft Regulatory Technical Standards specifying the requirements for originators, sponsors and original lenders relating to risk retention pursuant to Article 6(7) of the Securitisation Regulation of July 31, 2018, which provides in relevant part: "Where an entity exclusively securitises assets consisting of its own liabilities, alignment of interests is established automatically for that securitisation. 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 Securitisation Regulation, at the origination and on an ongoing basis, so long as any certificates remain outstanding:

- we will, as originator (for purposes of the Securitisation Regulation), 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 Securitisation Regulation; 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 Securitisation Regulation 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 an institutional investor as defined in Article 2(12) of the Securitisation Regulation.

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. Prospective investors are themselves responsible for monitoring and assessing the Securitisation Regulation and their regulatory capital 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) NO1286/2014 (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. Morgan, Lewis & Bockius LLP will provide legal representation for the Dealer.

Group 5 Underlying RCR 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 2019 Class Factor	Principal Balance in the Lower Tier REMIC	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
2018-63	P	August 2018	3136B24Q2	4.0 %	FIX	September 2048	PAC/AD	$ 67,669,000	0.96986102	$ 65,629,525	4.646 %	347	11

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

* For any pool of Mortgage Loans backing an underlying 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 Recombinations(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**
Recombination 1								
FA	$ 57,071,430	AT	$ 57,071,430	PT	6.50%	FIX	3136B3R77	March 2049
SA	57,071,430 (3)							
Recombination 2								
AB	42,803,573	AC	46,096,156	PT	3.25	FIX	3136B35W6	March 2049
FA	3,292,583							
SA	3,292,583 (3)							
Recombination 3								
AB	42,803,573	A	49,937,502	PT	3.50	FIX	3136B3N97	March 2049
FA	7,133,929							
SA	7,133,929 (3)							
Recombination 4								
KV	3,834,151	KB (4)	11,834,412	SEQ	3.50	FIX	3136B3R85	March 2049
KZ	8,000,261							
Recombination 5								
KA	42,787,024	K (4)	54,621,436	PT	3.50	FIX	3136B3R93	March 2049
KV	3,834,151							
KZ	8,000,261							
Recombination 6								
GA	86,765,000	HE	86,765,000	SEQ/AD	3.00	FIX	3136B3S27	November 2047
		HI	21,691,250 (3)	NTL	4.00	FIX/IO	3136B3T42	November 2047
Recombination 7								
GA	86,765,000	HD	86,765,000	SEQ/AD	3.25	FIX	3136B3S35	November 2047
		HI	16,268,437 (3)	NTL	4.00	FIX/IO	3136B3T42	November 2047
Recombination 8								
GA	86,765,000	HC	86,765,000	SEQ/AD	3.50	FIX	3136B3S43	November 2047
		HI	10,845,625 (3)	NTL	4.00	FIX/IO	3136B3T42	November 2047
Recombination 9								
GA	86,765,000	HB	86,765,000	SEQ/AD	3.75	FIX	3136B3S50	November 2047
		HI	5,422,812 (3)	NTL	4.00	FIX/IO	3136B3T42	November 2047

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 10								
GA	$ 86,765,000	HG	$ 43,382,500	SEQ/AD	5.00%	FIX	3136B3S68	November 2047
		HE	43,382,500	SEQ/AD	3.00	FIX	3136B3S27	November 2047
Recombination 11								
GA	86,765,000	HG	37,185,000	SEQ/AD	5.00	FIX	3136B3S68	November 2047
		HD	49,580,000	SEQ/AD	3.25	FIX	3136B3S35	November 2047
Recombination 12								
GA	86,765,000	HG	28,921,666	SEQ/AD	5.00	FIX	3136B3S68	November 2047
		HC	57,843,334	SEQ/AD	3.50	FIX	3136B3S43	November 2047
Recombination 13								
GA	86,765,000	HG	17,353,000	SEQ/AD	5.00	FIX	3136B3S68	November 2047
		HB	69,412,000	SEQ/AD	3.75	FIX	3136B3S50	November 2047
Recombination 14								
GA	86,765,000	HJ	28,921,666	SEQ/AD	6.00	FIX	3136B3S76	November 2047
		HE	57,843,334	SEQ/AD	3.00	FIX	3136B3S27	November 2047
Recombination 15								
GA	86,765,000	HJ	23,663,181	SEQ/AD	6.00	FIX	3136B3S76	November 2047
		HD	63,101,819	SEQ/AD	3.25	FIX	3136B3S35	November 2047
Recombination 16								
GA	86,765,000	HJ	17,353,000	SEQ/AD	6.00	FIX	3136B3S76	November 2047
		HC	69,412,000	SEQ/AD	3.50	FIX	3136B3S43	November 2047
Recombination 17								
GA	86,765,000	HJ	9,640,555	SEQ/AD	6.00	FIX	3136B3S76	November 2047
		HB	77,124,445	SEQ/AD	3.75	FIX	3136B3S50	November 2047
Recombination 18								
GA	86,765,000	HK	21,691,250	SEQ/AD	7.00	FIX	3136B3S84	November 2047
		HE	65,073,750	SEQ/AD	3.00	FIX	3136B3S27	November 2047
Recombination 19								
GA	86,765,000	HK	17,353,000	SEQ/AD	7.00	FIX	3136B3S84	November 2047
		HD	69,412,000	SEQ/AD	3.25	FIX	3136B3S35	November 2047

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 20								
GA	$ 86,765,000	HK	$ 12,395,000	SEQ/AD	7.00%	FIX	3136B3S84	November 2047
		HC	74,370,000	SEQ/AD	3.50	FIX	3136B3S43	November 2047
Recombination 21								
GA	86,765,000	HK	6,674,230	SEQ/AD	7.00	FIX	3136B3S84	November 2047
		HB	80,090,770	SEQ/AD	3.75	FIX	3136B3S50	November 2047
Recombination 22								
GA	86,765,000	HL	17,353,000	SEQ/AD	8.00	FIX	3136B3S92	November 2047
		HE	69,412,000	SEQ/AD	3.00	FIX	3136B3S27	November 2047
Recombination 23								
GA	86,765,000	HL	13,699,736	SEQ/AD	8.00	FIX	3136B3S92	November 2047
		HD	73,065,264	SEQ/AD	3.25	FIX	3136B3S35	November 2047
Recombination 24								
GA	86,765,000	HL	9,640,555	SEQ/AD	8.00	FIX	3136B3S92	November 2047
		HC	77,124,445	SEQ/AD	3.50	FIX	3136B3S43	November 2047
Recombination 25								
GA	86,765,000	HL	5,103,823	SEQ/AD	8.00	FIX	3136B3S92	November 2047
		HB	81,661,177	SEQ/AD	3.75	FIX	3136B3S50	November 2047
Recombination 26								
GA	86,765,000	HM	14,460,833	SEQ/AD	9.00	FIX	3136B3T26	November 2047
		HE	72,304,167	SEQ/AD	3.00	FIX	3136B3S27	November 2047
Recombination 27								
GA	86,765,000	HM	11,317,173	SEQ/AD	9.00	FIX	3136B3T26	November 2047
		HD	75,447,827	SEQ/AD	3.25	FIX	3136B3S35	November 2047
Recombination 28								
GA	86,765,000	HM	7,887,727	SEQ/AD	9.00	FIX	3136B3T26	November 2047
		HC	78,877,273	SEQ/AD	3.50	FIX	3136B3S43	November 2047
Recombination 29								
GA	86,765,000	HM	4,131,666	SEQ/AD	9.00	FIX	3136B3T26	November 2047
		HB	82,633,334	SEQ/AD	3.75	FIX	3136B3S50	November 2047

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 30								
GA	$ 86,765,000	HN	$ 12,395,000	SEQ/AD	10.00%	FIX	3136B3T34	November 2047
		HE	74,370,000	SEQ/AD	3.00	FIX	3136B3S27	November 2047
Recombination 31								
GA	86,765,000	HN	9,640,555	SEQ/AD	10.00	FIX	3136B3T34	November 2047
		HD	77,124,445	SEQ/AD	3.25	FIX	3136B3S35	November 2047
Recombination 32								
GA	86,765,000	HN	6,674,230	SEQ/AD	10.00	FIX	3136B3T34	November 2047
		HC	80,090,770	SEQ/AD	3.50	FIX	3136B3S43	November 2047
Recombination 33								
GA	86,765,000	HN	3,470,600	SEQ/AD	10.00	FIX	3136B3T34	November 2047
		HB	83,294,400	SEQ/AD	3.75	FIX	3136B3S50	November 2047
Recombination 34								
GA	86,765,000	GJ	94,950,000	SEQ/AD	3.00	FIX	3136B3T59	February 2049
GE	8,185,000	GI	23,737,500 (3)	NTL	4.00	FIX/IO	3136B3U73	February 2049
Recombination 35								
GA	86,765,000	GH	94,950,000	SEQ/AD	3.25	FIX	3136B3T67	February 2049
GE	8,185,000	GI	17,803,125 (3)	NTL	4.00	FIX/IO	3136B3U73	February 2049
Recombination 36								
GA	86,765,000	GD	94,950,000	SEQ/AD	3.50	FIX	3136B3T75	February 2049
GE	8,185,000	GI	11,868,750 (3)	NTL	4.00	FIX/IO	3136B3U73	February 2049
Recombination 37								
GA	86,765,000	GC	94,950,000	SEQ/AD	3.75	FIX	3136B3T83	February 2049
GE	8,185,000	GI	5,934,375 (3)	NTL	4.00	FIX/IO	3136B3U73	February 2049
Recombination 38								
GA	86,765,000	GB	94,950,000	SEQ/AD	4.00	FIX	3136B3T91	February 2049
GE	8,185,000							
Recombination 39								
GA	86,765,000	GK	47,475,000	SEQ/AD	5.00	FIX	3136B3U24	February 2049
GE	8,185,000	GJ	47,475,000	SEQ/AD	3.00	FIX	3136B3T59	February 2049

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 40								
GA	$ 86,765,000	GK	$ 40,692,857	SEQ/AD	5.00%	FIX	3136B3U24	February 2049
GE	8,185,000	GH	54,257,143	SEQ/AD	3.25	FIX	3136B3T67	February 2049
Recombination 41								
GA	86,765,000	GK	31,650,000	SEQ/AD	5.00	FIX	3136B3U24	February 2049
GE	8,185,000	GD	63,300,000	SEQ/AD	3.50	FIX	3136B3T75	February 2049
Recombination 42								
GA	86,765,000	GK	18,990,000	SEQ/AD	5.00	FIX	3136B3U24	February 2049
GE	8,185,000	GC	75,960,000	SEQ/AD	3.75	FIX	3136B3T83	February 2049
Recombination 43								
GA	86,765,000	GL	31,650,000	SEQ/AD	6.00	FIX	3136B3U32	February 2049
GE	8,185,000	GJ	63,300,000	SEQ/AD	3.00	FIX	3136B3T59	February 2049
Recombination 44								
GA	86,765,000	GL	25,895,454	SEQ/AD	6.00	FIX	3136B3U32	February 2049
GE	8,185,000	GH	69,054,546	SEQ/AD	3.25	FIX	3136B3T67	February 2049
Recombination 45								
GA	86,765,000	GL	18,990,000	SEQ/AD	6.00	FIX	3136B3U32	February 2049
GE	8,185,000	GD	75,960,000	SEQ/AD	3.50	FIX	3136B3T75	February 2049
Recombination 46								
GA	86,765,000	GL	10,550,000	SEQ/AD	6.00	FIX	3136B3U32	February 2049
GE	8,185,000	GC	84,400,000	SEQ/AD	3.75	FIX	3136B3T83	February 2049
Recombination 47								
GA	86,765,000	GM	23,737,500	SEQ/AD	7.00	FIX	3136B3U40	February 2049
GE	8,185,000	GJ	71,212,500	SEQ/AD	3.00	FIX	3136B3T59	February 2049
Recombination 48								
GA	86,765,000	GM	18,990,000	SEQ/AD	7.00	FIX	3136B3U40	February 2049
GE	8,185,000	GH	75,960,000	SEQ/AD	3.25	FIX	3136B3T67	February 2049
Recombination 49								
GA	86,765,000	GM	13,564,285	SEQ/AD	7.00	FIX	3136B3U40	February 2049
GE	8,185,000	GD	81,385,715	SEQ/AD	3.50	FIX	3136B3T75	February 2049

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 50								
GA	$ 86,765,000	GM	$ 7,303,846	SEQ/AD	7.00%	FIX	3136B3U40	February 2049
GE	8,185,000	GC	87,646,154	SEQ/AD	3.75	FIX	3136B3T83	February 2049
Recombination 51								
GA	86,765,000	GN	18,990,000	SEQ/AD	8.00	FIX	3136B3U57	February 2049
GE	8,185,000	GJ	75,960,000	SEQ/AD	3.00	FIX	3136B3T59	February 2049
Recombination 52								
GA	86,765,000	GN	14,992,105	SEQ/AD	8.00	FIX	3136B3U57	February 2049
GE	8,185,000	GH	79,957,895	SEQ/AD	3.25	FIX	3136B3T67	February 2049
Recombination 53								
GA	86,765,000	GN	10,550,000	SEQ/AD	8.00	FIX	3136B3U57	February 2049
GE	8,185,000	GD	84,400,000	SEQ/AD	3.50	FIX	3136B3T75	February 2049
Recombination 54								
GA	86,765,000	GN	5,585,294	SEQ/AD	8.00	FIX	3136B3U57	February 2049
GE	8,185,000	GC	89,364,706	SEQ/AD	3.75	FIX	3136B3T83	February 2049
Recombination 55								
GA	86,765,000	GP	15,825,000	SEQ/AD	9.00	FIX	3136B3U65	February 2049
GE	8,185,000	GJ	79,125,000	SEQ/AD	3.00	FIX	3136B3T59	February 2049
Recombination 56								
GA	86,765,000	GP	12,384,782	SEQ/AD	9.00	FIX	3136B3U65	February 2049
GE	8,185,000	GH	82,565,218	SEQ/AD	3.25	FIX	3136B3T67	February 2049
Recombination 57								
GA	86,765,000	GP	8,631,818	SEQ/AD	9.00	FIX	3136B3U65	February 2049
GE	8,185,000	GD	86,318,182	SEQ/AD	3.50	FIX	3136B3T75	February 2049
Recombination 58								
GA	86,765,000	GP	4,521,428	SEQ/AD	9.00	FIX	3136B3U65	February 2049
GE	8,185,000	GC	90,428,572	SEQ/AD	3.75	FIX	3136B3T83	February 2049
Recombination 59								
AP	62,644,000	PA	62,644,000	SC/PAC	3.50	FIX	3136B3U81	September 2048
IP	3,915,250 (3)							

REMIC Certificates		RCR Certificates						
Classes	**Original Balances**	**RCR Classes**	**Original Balances**	**Principal Type(2)**	**Interest Rate**	**Interest Type(2)**	**CUSIP Number**	**Final Distribution Date**
Recombination 60								
BP	$ 42,749,473	BD	$ 42,749,473	PAC	3.50%	FIX	3136B3U99	December 2047
		IB	5,343,684 (3)	NTL	4.00	FIX/IO	3136B3V23	December 2047
Recombination 61								
BP	42,749,473	B	47,310,517	PAC	3.50	FIX	3136B3V31	March 2049
BG	4,561,044	BI	5,913,814 (3)	NTL	4.00	FIX/IO	3136B3V49	March 2049
Recombination 62								
AP	62,644,000	PB	62,644,000	SC/PAC	4.00	FIX	3136B35X4	September 2048
IP	11,745,750 (3)							

(1) 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.

(3) Notional principal balances. These Classes are Interest Only Classes. See page S-5 for a description of how their notional principal balances are calculated.

(4) Principal payments on the REMIC Certificates in Recombinations 4 and 5 from the KZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.

Principal Balance Schedules

AP Class Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$ 62,644,000.00	January 2024	$ 29,063,440.86	December 2028	$ 9,608,021.84
March 2019	62,260,786.87	February 2024	28,566,753.11	January 2029	9,424,116.07
April 2019	61,858,519.11	March 2024	28,073,772.42	February 2029	9,243,552.25
May 2019	61,437,413.51	April 2024	27,584,466.61	March 2029	9,066,271.48
June 2019	60,997,701.32	May 2024	27,098,803.77	April 2029	8,892,215.84
July 2019	60,539,628.09	June 2024	26,616,752.22	May 2029	8,721,328.45
August 2019	60,063,453.36	July 2024	26,138,280.56	June 2029	8,553,553.40
September 2019	59,569,450.46	August 2024	25,663,357.59	July 2029	8,388,835.74
October 2019	59,057,906.20	September 2024	25,191,998.55	August 2029	8,227,121.47
November 2019	58,529,120.58	October 2024	24,728,999.90	September 2029	8,068,357.53
December 2019	57,983,406.50	November 2024	24,274,216.62	October 2029	7,912,491.79
January 2020	57,421,089.42	December 2024	23,827,506.12	November 2029	7,759,473.00
February 2020	56,842,506.99	January 2025	23,388,728.27	December 2029	7,609,250.81
March 2020	56,248,008.74	February 2025	22,957,745.33	January 2030	7,461,775.73
April 2020	55,637,955.65	March 2025	22,534,421.92	February 2030	7,316,999.15
May 2020	55,012,719.80	April 2025	22,118,624.98	March 2030	7,174,873.28
June 2020	54,372,683.92	May 2025	21,710,223.70	April 2030	7,035,351.17
July 2020	53,718,241.04	June 2025	21,309,089.54	May 2030	6,898,386.68
August 2020	53,051,686.98	July 2025	20,915,096.14	June 2030	6,763,934.46
September 2020	52,373,385.50	August 2025	20,528,119.31	July 2030	6,631,949.97
October 2020	51,698,883.95	September 2025	20,148,036.99	August 2030	6,502,389.43
November 2020	51,029,607.59	October 2025	19,774,729.19	September 2030	6,375,209.80
December 2020	50,365,512.34	November 2025	19,408,078.01	October 2030	6,250,368.83
January 2021	49,706,554.47	December 2025	19,047,967.53	November 2030	6,127,824.97
February 2021	49,052,690.61	January 2026	18,694,283.84	December 2030	6,007,537.40
March 2021	48,403,877.70	February 2026	18,346,914.98	January 2031	5,889,466.02
April 2021	47,760,073.05	March 2026	18,005,750.90	February 2031	5,773,571.40
May 2021	47,121,234.28	April 2026	17,670,683.45	March 2031	5,659,814.82
June 2021	46,487,319.35	May 2026	17,341,606.32	April 2031	5,548,158.24
July 2021	45,858,286.57	June 2026	17,018,415.04	May 2031	5,438,564.24
August 2021	45,234,094.55	July 2026	16,701,006.90	June 2031	5,330,996.10
September 2021	44,614,702.24	August 2026	16,389,280.99	July 2031	5,225,417.71
October 2021	44,000,068.90	September 2026	16,083,138.12	August 2031	5,121,793.60
November 2021	43,390,154.13	October 2026	15,782,480.78	September 2031	5,020,088.90
December 2021	42,784,917.83	November 2026	15,487,213.16	October 2031	4,920,269.37
January 2022	42,184,320.21	December 2026	15,197,241.08	November 2031	4,822,301.36
February 2022	41,588,321.82	January 2027	14,912,471.99	December 2031	4,726,151.80
March 2022	40,996,883.50	February 2027	14,632,814.93	January 2032	4,631,788.19
April 2022	40,409,966.39	March 2027	14,358,180.49	February 2032	4,539,178.62
May 2022	39,827,531.94	April 2027	14,088,480.80	March 2032	4,448,291.71
June 2022	39,249,541.92	May 2027	13,823,629.50	April 2032	4,359,096.66
July 2022	38,675,958.38	June 2027	13,563,541.72	May 2032	4,271,563.16
August 2022	38,106,743.68	July 2027	13,308,134.06	June 2032	4,185,661.48
September 2022	37,541,860.46	August 2027	13,057,324.53	July 2032	4,101,362.37
October 2022	36,981,271.66	September 2027	12,811,032.55	August 2032	4,018,637.12
November 2022	36,424,940.52	October 2027	12,569,178.97	September 2032	3,937,457.50
December 2022	35,872,830.57	November 2027	12,331,685.94	October 2032	3,857,795.78
January 2023	35,324,905.59	December 2027	12,098,477.00	November 2032	3,779,624.72
February 2023	34,781,129.70	January 2028	11,869,476.98	December 2032	3,702,917.55
March 2023	34,241,467.25	February 2028	11,644,612.01	January 2033	3,627,647.97
April 2023	33,705,882.90	March 2028	11,423,809.50	February 2033	3,553,790.15
May 2023	33,174,341.57	April 2028	11,206,998.10	March 2033	3,481,318.69
June 2023	32,646,808.48	May 2028	10,994,107.70	April 2033	3,410,208.66
July 2023	32,123,249.08	June 2028	10,785,069.39	May 2033	3,340,435.55
August 2023	31,603,629.14	July 2028	10,579,815.45	June 2033	3,271,975.27
September 2023	31,087,914.65	August 2028	10,378,279.33	July 2033	3,204,804.19
October 2023	30,576,071.91	September 2028	10,180,395.63	August 2033	3,138,899.05
November 2023	30,068,067.45	October 2028	9,986,100.08	September 2033	3,074,237.04
December 2023	29,563,868.08	November 2028	9,795,329.51	October 2033	3,010,795.71

AP Class (Continued)

Distribution Date	Planned Balance
November 2033	$ 2,948,553.02
December 2033	2,887,487.34
January 2034	2,827,577.37
February 2034	2,768,802.24
March 2034	2,711,141.41
April 2034	2,654,574.71
May 2034	2,599,082.32
June 2034	2,544,644.79
July 2034	2,491,242.98
August 2034	2,438,858.11
September 2034	2,387,471.72
October 2034	2,337,065.69
November 2034	2,287,635.04
December 2034	2,239,162.01
January 2035	2,191,628.94
February 2035	2,145,018.47
March 2035	2,099,313.57
April 2035	2,054,497.49
May 2035	2,010,553.80
June 2035	1,967,466.36
July 2035	1,925,219.32
August 2035	1,883,797.11
September 2035	1,843,184.43
October 2035	1,803,366.28
November 2035	1,764,327.91
December 2035	1,726,054.84
January 2036	1,688,532.86
February 2036	1,651,747.99
March 2036	1,615,686.53
April 2036	1,580,335.01
May 2036	1,545,680.21
June 2036	1,511,709.14
July 2036	1,478,409.05
August 2036	1,445,767.43
September 2036	1,413,771.96
October 2036	1,382,410.59
November 2036	1,351,671.44
December 2036	1,321,542.89
January 2037	1,292,013.50
February 2037	1,263,072.05
March 2037	1,234,707.51
April 2037	1,206,909.06
May 2037	1,179,666.07
June 2037	1,152,968.10
July 2037	1,126,804.92
August 2037	1,101,166.46
September 2037	1,076,042.85
October 2037	1,051,424.38
November 2037	1,027,301.53
December 2037	1,003,664.95
January 2038	980,505.46
February 2038	957,814.05
March 2038	935,581.86
April 2038	913,800.21
May 2038	892,460.57
June 2038	871,554.56
July 2038	851,073.96
August 2038	$ 831,010.69
September 2038	811,356.83
October 2038	792,104.59
November 2038	773,246.34
December 2038	754,774.58
January 2039	736,681.93
February 2039	718,961.18
March 2039	701,605.22
April 2039	684,607.09
May 2039	667,959.94
June 2039	651,657.07
July 2039	635,691.88
August 2039	620,057.90
September 2039	604,748.78
October 2039	589,758.28
November 2039	575,080.28
December 2039	560,708.77
January 2040	546,637.85
February 2040	532,861.74
March 2040	519,374.74
April 2040	506,171.28
May 2040	493,245.89
June 2040	480,593.18
July 2040	468,207.88
August 2040	456,084.81
September 2040	444,218.89
October 2040	432,605.13
November 2040	421,238.62
December 2040	410,114.57
January 2041	399,228.25
February 2041	388,575.03
March 2041	378,150.37
April 2041	367,949.80
May 2041	357,968.95
June 2041	348,203.52
July 2041	338,649.29
August 2041	329,302.13
September 2041	320,157.96
October 2041	311,212.81
November 2041	302,462.76
December 2041	293,903.97
January 2042	285,532.67
February 2042	277,345.16
March 2042	269,337.82
April 2042	261,507.08
May 2042	253,849.46
June 2042	246,361.50
July 2042	239,039.87
August 2042	231,881.24
September 2042	224,882.38
October 2042	218,040.11
November 2042	211,351.31
December 2042	204,812.92
January 2043	198,421.93
February 2043	192,175.39
March 2043	186,070.42
April 2043	180,104.17
May 2043	$ 174,273.85
June 2043	168,576.75
July 2043	163,010.16
August 2043	157,571.48
September 2043	152,258.11
October 2043	147,067.51
November 2043	141,997.22
December 2043	137,044.79
January 2044	132,207.83
February 2044	127,484.00
March 2044	122,870.98
April 2044	118,366.54
May 2044	113,968.44
June 2044	109,674.53
July 2044	105,482.66
August 2044	101,390.75
September 2044	97,396.75
October 2044	93,498.64
November 2044	89,694.45
December 2044	85,982.24
January 2045	82,360.13
February 2045	78,826.24
March 2045	75,378.74
April 2045	72,015.86
May 2045	68,735.82
June 2045	65,536.90
July 2045	62,417.43
August 2045	59,375.72
September 2045	56,410.17
October 2045	53,519.18
November 2045	50,701.17
December 2045	47,954.63
January 2046	45,278.04
February 2046	42,669.92
March 2046	40,128.84
April 2046	37,653.38
May 2046	35,242.13
June 2046	32,893.74
July 2046	30,606.88
August 2046	28,380.22
September 2046	26,212.48
October 2046	24,102.41
November 2046	22,048.76
December 2046	20,050.32
January 2047	18,105.91
February 2047	16,214.35
March 2047	14,374.52
April 2047	12,585.27
May 2047	10,845.53
June 2047	9,154.20
July 2047	7,510.25
August 2047	5,912.62
September 2047	4,471.93
October 2047	3,072.27
November 2047	1,712.75
December 2047	477.98
January 2048 and thereafter	0.00

Aggregate Group Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$ 47,310,517.00	March 2024	$ 24,677,660.55	April 2029	$ 8,303,442.41
March 2019	47,204,591.14	April 2024	24,307,929.66	May 2029	8,146,750.15
April 2019	47,083,032.69	May 2024	23,941,339.97	June 2029	7,992,880.88
May 2019	46,945,886.16	June 2024	23,577,865.99	July 2029	7,841,785.15
June 2019	46,793,208.05	July 2024	23,217,482.40	August 2029	7,693,414.40
July 2019	46,625,066.90	August 2024	22,860,164.09	September 2029	7,547,720.88
August 2019	46,441,543.23	September 2024	22,505,886.15	October 2029	7,404,657.69
September 2019	46,242,729.49	October 2024	22,154,623.89	November 2029	7,264,178.71
October 2019	46,028,730.04	November 2024	21,806,352.78	December 2029	7,126,238.61
November 2019	45,799,661.06	December 2024	21,461,048.51	January 2030	6,990,792.87
December 2019	45,555,650.46	January 2025	21,118,686.97	February 2030	6,857,797.71
January 2020	45,296,837.78	February 2025	20,779,244.21	March 2030	6,727,210.10
February 2020	45,023,374.05	March 2025	20,442,696.50	April 2030	6,598,987.77
March 2020	44,735,421.73	April 2025	20,109,020.29	May 2030	6,473,089.18
April 2020	44,433,154.47	May 2025	19,778,192.21	June 2030	6,349,473.47
May 2020	44,116,757.00	June 2025	19,450,189.10	July 2030	6,228,100.53
June 2020	43,786,424.96	July 2025	19,124,987.95	August 2030	6,108,930.90
July 2020	43,442,364.67	August 2025	18,802,565.96	September 2030	5,991,925.84
August 2020	43,084,792.96	September 2025	18,482,900.50	October 2030	5,877,047.24
September 2020	42,713,936.92	October 2025	18,165,969.13	November 2030	5,764,257.66
October 2020	42,330,033.69	November 2025	17,851,749.58	December 2030	5,653,520.33
November 2020	41,933,330.20	December 2025	17,540,219.75	January 2031	5,544,799.08
December 2020	41,524,082.92	January 2026	17,231,357.74	February 2031	5,438,058.37
January 2021	41,102,557.57	February 2026	16,925,141.80	March 2031	5,333,263.30
February 2021	40,669,028.85	March 2026	16,621,550.37	April 2031	5,230,379.54
March 2021	40,223,780.13	April 2026	16,320,562.06	May 2031	5,129,373.38
April 2021	39,767,103.16	May 2026	16,022,155.64	June 2031	5,030,211.66
May 2021	39,299,297.73	June 2026	15,727,705.86	July 2031	4,932,861.82
June 2021	38,820,671.35	July 2026	15,438,476.16	August 2031	4,837,291.85
July 2021	38,331,538.92	August 2026	15,154,376.12	September 2031	4,743,470.31
August 2021	37,846,514.82	September 2026	14,875,316.84	October 2031	4,651,366.27
September 2021	37,365,565.83	October 2026	14,601,210.94	November 2031	4,560,949.38
October 2021	36,888,659.04	November 2026	14,331,972.53	December 2031	4,472,189.77
November 2021	36,415,761.74	December 2026	14,067,517.20	January 2032	4,385,058.12
December 2021	35,946,841.54	January 2027	13,807,761.96	February 2032	4,299,525.59
January 2022	35,481,866.26	February 2027	13,552,625.25	March 2032	4,215,563.87
February 2022	35,020,804.01	March 2027	13,302,026.91	April 2032	4,133,145.12
March 2022	34,563,623.13	April 2027	13,055,888.12	May 2032	4,052,241.98
April 2022	34,110,292.23	May 2027	12,814,131.44	June 2032	3,972,827.58
May 2022	33,660,780.15	June 2027	12,576,680.73	July 2032	3,894,875.49
June 2022	33,215,055.98	July 2027	12,343,461.17	August 2032	3,818,359.77
July 2022	32,773,089.09	August 2027	12,114,399.20	September 2032	3,743,254.91
August 2022	32,334,849.04	September 2027	11,889,422.54	October 2032	3,669,535.85
September 2022	31,900,305.67	October 2027	11,668,460.12	November 2032	3,597,177.95
October 2022	31,469,429.06	November 2027	11,451,442.11	December 2032	3,526,157.01
November 2022	31,042,189.50	December 2027	11,238,299.85	January 2033	3,456,449.26
December 2022	30,618,557.54	January 2028	11,028,965.88	February 2033	3,388,031.32
January 2023	30,198,503.95	February 2028	10,823,373.88	March 2033	3,320,880.24
February 2023	29,781,999.75	March 2028	10,621,458.67	April 2033	3,254,973.44
March 2023	29,369,016.18	April 2028	10,423,156.19	May 2033	3,190,288.76
April 2023	28,959,524.70	May 2028	10,228,403.46	June 2033	3,126,804.41
May 2023	28,553,497.01	June 2028	10,037,138.59	July 2033	3,064,498.99
June 2023	28,150,905.04	July 2028	9,849,300.77	August 2033	3,003,351.45
July 2023	27,751,720.92	August 2028	9,664,830.19	September 2033	2,943,341.14
August 2023	27,355,917.03	September 2028	9,483,668.10	October 2033	2,884,447.73
September 2023	26,963,465.95	October 2028	9,305,756.74	November 2033	2,826,651.28
October 2023	26,574,340.48	November 2028	9,131,039.35	December 2033	2,769,932.18
November 2023	26,188,513.65	December 2028	8,959,460.14	January 2034	2,714,271.15
December 2023	25,805,958.68	January 2029	8,790,964.27	February 2034	2,659,649.27
January 2024	25,426,649.04	February 2029	8,625,497.85	March 2034	2,606,047.94
February 2024	25,050,558.37	March 2029	8,463,007.92	April 2034	2,553,448.89

Aggregate Group (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
May 2034	$ 2,501,834.14	April 2039	$ 697,423.60	March 2044	$ 144,825.93
June 2034	2,451,186.06	May 2039	681,363.22	April 2044	140,228.96
July 2034	2,401,487.32	June 2039	665,623.28	May 2044	135,734.79
August 2034	2,352,720.87	July 2039	650,197.82	June 2044	131,341.41
September 2034	2,304,869.98	August 2039	635,080.98	July 2044	127,046.83
October 2034	2,257,918.21	September 2039	620,267.03	August 2044	122,849.09
November 2034	2,211,849.40	October 2039	605,750.30	September 2044	118,746.29
December 2034	2,166,647.67	November 2039	591,525.27	October 2044	114,736.54
January 2035	2,122,297.43	December 2039	577,586.47	November 2044	110,818.00
February 2035	2,078,783.35	January 2040	563,928.57	December 2044	106,988.86
March 2035	2,036,090.38	February 2040	550,546.31	January 2045	103,247.34
April 2035	1,994,203.72	March 2040	537,434.54	February 2045	99,591.70
May 2035	1,953,108.84	April 2040	524,588.19	March 2045	96,020.23
June 2035	1,912,791.47	May 2040	512,002.28	April 2045	92,531.26
July 2035	1,873,237.56	June 2040	499,671.93	May 2045	89,123.12
August 2035	1,834,433.35	July 2040	487,592.33	June 2045	85,794.21
September 2035	1,796,365.28	August 2040	475,758.79	July 2045	82,542.93
October 2035	1,759,020.06	September 2040	464,166.67	August 2045	79,367.74
November 2035	1,722,384.61	October 2040	452,811.43	September 2045	76,267.09
December 2035	1,686,446.09	November 2040	441,688.61	October 2045	73,239.50
January 2036	1,651,191.88	December 2040	430,793.82	November 2045	70,283.48
February 2036	1,616,609.60	January 2041	420,122.76	December 2045	67,397.60
March 2036	1,582,687.06	February 2041	409,671.21	January 2046	64,580.44
April 2036	1,549,412.30	March 2041	399,435.02	February 2046	61,830.60
May 2036	1,516,773.58	April 2041	389,410.11	March 2046	59,146.73
June 2036	1,484,759.33	May 2041	379,592.49	April 2046	56,527.47
July 2036	1,453,358.23	June 2041	369,978.21	May 2046	53,971.53
August 2036	1,422,559.12	July 2041	360,563.44	June 2046	51,477.60
September 2036	1,392,351.07	August 2041	351,344.37	July 2046	49,044.43
October 2036	1,362,723.31	September 2041	342,317.29	August 2046	46,670.76
November 2036	1,333,665.29	October 2041	333,478.55	September 2046	44,355.40
December 2036	1,305,166.62	November 2041	324,824.56	October 2046	42,097.13
January 2037	1,277,217.11	December 2041	316,351.80	November 2046	39,894.78
February 2037	1,249,806.74	January 2042	308,056.81	December 2046	37,747.22
March 2037	1,222,925.68	February 2042	299,936.20	January 2047	35,653.30
April 2037	1,196,564.26	March 2042	291,986.64	February 2047	33,611.92
May 2037	1,170,712.98	April 2042	284,204.84	March 2047	31,621.99
June 2037	1,145,362.52	May 2042	276,587.61	April 2047	29,682.46
July 2037	1,120,503.71	June 2042	269,131.79	May 2047	27,792.27
August 2037	1,096,127.56	July 2042	261,834.27	June 2047	25,950.39
September 2037	1,072,225.23	August 2042	254,692.01	July 2047	24,155.82
October 2037	1,048,788.03	September 2042	247,702.04	August 2047	22,407.58
November 2037	1,025,807.43	October 2042	240,861.42	September 2047	20,704.70
December 2037	1,003,275.04	November 2042	234,167.27	October 2047	19,046.22
January 2038	981,182.65	December 2042	227,616.77	November 2047	17,431.22
February 2038	959,522.16	January 2043	221,207.14	December 2047	15,858.78
March 2038	938,285.63	February 2043	214,935.66	January 2048	14,328.00
April 2038	917,465.26	March 2043	208,799.66	February 2048	12,838.01
May 2038	897,053.39	April 2043	202,796.51	March 2048	11,387.94
June 2038	877,042.49	May 2043	196,923.64	April 2048	9,976.94
July 2038	857,425.16	June 2043	191,178.51	May 2048	8,604.20
August 2038	838,194.15	July 2043	185,558.64	June 2048	7,268.88
September 2038	819,342.33	August 2043	180,061.61	July 2048	5,970.21
October 2038	800,862.68	September 2043	174,685.00	August 2048	4,707.38
November 2038	782,748.33	October 2043	169,426.49	September 2048	3,479.65
December 2038	764,992.51	November 2043	164,283.75	October 2048	2,286.24
January 2039	747,588.59	December 2043	159,254.52	November 2048	1,126.43
February 2039	730,530.05	January 2044	154,336.59	December 2048 and	
March 2039	713,810.48	February 2044	149,527.77	thereafter	0.00

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

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

TABLE OF CONTENTS

	Page
Table of Contents	S-2
Available Information	S-3
Summary	S-4
Additional Risk Factors	S-7
Description of the Certificates	S-8
Certain Additional Federal Income Tax Consequences	S-25
Additional ERISA Considerations	S-27
Plan of Distribution	S-27
European Economic Area Risk Retention	S-27
Legal Matters	S-29
Exhibit A	A-1
Schedule 1	A-2
Principal Balance Schedules	B-1

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February 22, 2019