

Supplement
(To Prospectus Supplement dated March 26, 2019)

\$679,802,694



Fannie Mae®

Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2019-13

This is a supplement to the prospectus supplement dated March 26, 2019 (the "Prospectus Supplement"). If we use a capitalized term in this supplement without defining it, you will find the definition of that term in the Prospectus Supplement.

- The sentence appearing below "Fed Book-Entry" under "SUMMARY — Book-Entry and Physical Certificates" is hereby replaced with the following:

All classes of certificates other than the LO, UA, UK, WA, WC, KW, WH, WG, R and RL Classes

- The rates listed below "Initial Interest Rate" for the KS, SK and KI Classes in the chart under "SUMMARY — Interest Rates" are assumed rates. The actual initial interest rates for the KS, SK and KI Classes were calculated on March 21, 2019 using the applicable formulas.

Carefully consider the risk factors on page S-10 of the 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 the Prospectus Supplement.

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

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

Citigroup

The date of this Supplement is April 1, 2019

\$679,802,694



Fannie Mae®

**Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2019-13**

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
- underlying REMIC and RCR certificates backed by Fannie Mae MBS.

The mortgage loans backing the underlying REMIC and RCR certificates 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
CA ..	1	\$ 77,258,267	PT	3.50%	FIX	3136B4GL6	April 2049
CG ..	1	20,000,000	PT	4.50	FIX	3136B4GM4	April 2049
CI ...	1	7,157,283(2)	NTL	4.00	FIX/IO	3136B4GN2	April 2049
A	2	33,713,975	SC/PT	3.25	FIX	3136B4GP7	September 2039
IB ...	2	9,687,418(3)	NTL	6.00	FIX/IO	3136B4GR3	September 2039
IA ...	2	4,771,806(2)	NTL	5.50	FIX/IO	3136B4GQ5	August 2038
FA ...	3	43,721,387	PT	(4)	FLT	3136B4GS1	April 2049
SA ...	3	43,721,387(2)	NTL	(4)	INV/IO	3136B4GT9	April 2049
PE ...	3	54,572,210	PAC/AD	3.00	FIX	3136B4GU6	March 2049
IP ...	3	10,914,442(2)	NTL	5.00	FIX/IO	3136B4GV4	March 2049
PY ...	3	467,710	PAC/AD	4.00	FIX	3136B4GW2	April 2049
PZ ...	3	10,542,162	SUP	4.00	FIX/Z	3136B4GX0	April 2049
LE ...	4	90,000,000	SEQ	3.25	FIX	3136B4GY8	May 2045
LZ(5)	4	19,255,344	SEQ	4.00	FIX/Z	3136B4GZ5	April 2049
IL ...	4	16,875,000(2)	NTL	4.00	FIX/IO	3136B4HA9	May 2045
VA(5)	4	12,883,646	SEQ/AD	4.00	FIX	3136B4HB7	February 2032
FG ...	5	21,556,160	PT	(4)	FLT	3136B4HC5	April 2049
SG ...	5	21,556,160(2)	NTL	(4)	INV/IO	3136B4HD3	April 2049
MH ..	6	26,272,000	SEG(PAC)/PAC/AD	3.00	FIX	3136B4HE1	March 2049
MI(5)	6	8,757,333(2)	NTL	4.50	FIX/IO	3136B4HF8	March 2049
MZ ..	6	49,000	SEG(PAC)/PAC/AD	4.50	FIX/Z	3136B4HG6	April 2049
UA(5)	6	32,000	SEG(PAC)/SUP/AD	4.50	FIX	3136B4HH4	April 2049
UZ ...	6	10,000,000	SUP	4.50	FIX/Z	3136B4HJ0	April 2049
ZM ..	6	1,000	SEG(PAC)/SUP/AD	4.50	FIX/Z	3136B4HK7	April 2049

(Table continued on next page)

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 LY, WA, WC, IK, BA, EA, EB, IO, WG and KI 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 March 29, 2019.

Carefully consider the risk factors starting on page S-10 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.

Citigroup

The date of this Prospectus Supplement is March 26, 2019

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
BC(5) .	7	\$ 64,345,073	PAC/AD	3.50%	FIX	3136B4HL5	May 2048
BI(5) . .	7	7,149,452(2)	NTL	4.50	FIX/IO	3136B4HM3	May 2048
BY . . .	7	5,281,817	PAC/AD	4.00	FIX	3136B4HN1	April 2049
BZ . . .	7	10,373,110	SUP	4.00	FIX/Z	3136B4HP6	April 2049
FB	7	20,000,000	PT	(4)	FLT	3136B4HQ4	April 2049
SB	7	20,000,000(2)	NTL	(4)	INV/IO	3136B4HR2	April 2049
PK . . .	8	25,000,000	SEG(PAC)/PAC/AD	3.25	FIX	3136B4HS0	April 2047
PI(5) . .	8	4,687,500(2)	NTL	4.00	FIX/IO	3136B4HT8	April 2047
YP . . .	8	4,230,000	SEG(PAC)/PAC/AD	4.00	FIX	3136B4HU5	April 2049
PH . . .	8	28,258,000	SEG(PAC)/PAC/AD	3.25	FIX	3136B4HV3	April 2049
IH(5) . .	8	5,298,375(2)	NTL	4.00	FIX/IO	3136B4HW1	April 2049
ZP	8	38,742	SEG(PAC)/PAC/AD	4.00	FIX/Z	3136B4HX9	April 2049
UK(5) .	8	69,868	SEG(PAC)/SUP/AD	4.00	FIX	3136B4HY7	April 2049
KZ . . .	8	1,000	SEG(PAC)/SUP/AD	4.00	FIX/Z	3136B4HZ4	April 2049
ZU . . .	8	17,636,222	SUP	4.00	FIX/Z	3136B4JA7	April 2049
KW(5)	9	11,131,526	SC/PT	(6)	WAC	3136B4JB5	March 2044
EC(5) .	10	35,310,000	PAC/AD	3.00	FIX	3136B4JC3	February 2049
IE(5) . .	10	3,923,333(2)	NTL	4.50	FIX/IO	3136B4JD1	February 2049
NZ . . .	10	167,000	PAC/AD	3.50	FIX/Z	3136B4JE9	April 2049
EI(5) . .	10	7,883,777(2)	NTL	4.50	FIX/IO	3136B4JF6	April 2049
ZE	10	14,523,000	SUP	4.50	FIX/Z	3136B4JG4	April 2049
KS(5) .	11	15,000,000(2)	NTL	(4)	INV/IO	3136B4JH2	June 2043
LO(5) .	11	15,000,000	SC/PT	0.00	PO	3136B4JJ8	June 2043
WH(5)	12	34,111,382(2)	NTL	(7)	WAC/IO	3136B4JK5	June 2048
SK(5) .	13	8,112,475(2)	NTL	(4)	INV/IO	3136B4JL3	June 2043
MO . . .	13	8,112,475	SC/PT	0.00	PO	3136B4JM1	June 2043
R		0	NPR	0	NPR	3136B4JN9	April 2049
RL . . .		0	NPR	0	NPR	3136B4JP4	April 2049

- (1) See "Description of the Certificates - Class Definitions and Abbreviations" in the REMIC prospectus.
- (2) Notional principal balances. These classes are interest only classes. See page S-6 for a description of how their notional principal balances are calculated.
- (3) The initial notional principal balance of the IB Class is shown above. Thereafter, the notional principal balance of the IB Class will be calculated each month as described on page S-16. See "Description of the Certificates- Distributions of Interest-*The IB Class*" in this prospectus supplement.
- (4) Based on LIBOR.
- (5) Exchangeable classes.
- (6) The interest rate of the KW Class is calculated as described on page S-16.
- (7) The interest rate of the WH Class is calculated as described on page S-16.

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AVAILABLE INFORMATION

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

- our Prospectus for Fannie Mae Guaranteed 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 2, Group 9, Group 11, Group 12 or Group 13 Class or the WA and WC or R or RL Class, the disclosure documents relating to the applicable underlying REMIC and RCR certificates (the "Underlying REMIC Disclosure Documents"); 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 Documents 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 Documents by writing or calling the dealer at:

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

SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of March 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

<u>Group</u>	<u>Assets</u>
1	Group 1 MBS
2	<i>Subgroup 2a</i>
	Class 2003-21-OU RCR Certificate
	Class 2005-79-LB RCR Certificate
	Class 2018-28-A REMIC Certificate
<i>Subgroup 2b</i>	Class 2006-34-PE REMIC Certificate
	Class 2009-69-PB RCR Certificate
	Class 2018-28-B REMIC Certificate
3	Group 3 MBS
4	Group 4 MBS
5	Group 5 MBS
6	Group 6 MBS
7	Group 7 MBS
8	Group 8 MBS
9	Class 2010-83-IC REMIC Certificate
	Class 2010-118-IN REMIC Certificate
	Class 2012-63-SE REMIC Certificate
	Class 2012-76-DS REMIC Certificate
	Class 2014-64-BI REMIC Certificate
	Class 2014-68-TO REMIC Certificate
	Class 2014-79-LO REMIC Certificate
	Class 2015-1-JO REMIC Certificate
	Class 2015-6-WO REMIC Certificate
10	Group 10 MBS
11	Class 2013-55-KS REMIC Certificate
12	Class 2018-25-HS REMIC Certificate
	Class 2018-39-SA REMIC Certificate
13	Class 2013-55-KS REMIC Certificate

Group 1, Group 3, Group 4, Group 5, Group 6, Group 7, Group 8 and Group 10

Characteristics of the Trust MBS

	<u>Approximate Principal Balance</u>	<u>Pass- Through Rate</u>	<u>Range of Weighted Average Coupons or WACs (annual percentages)</u>	<u>Range of Weighted Average Remaining Terms to Maturity or WAMs (in months)</u>
Group 1 MBS	\$ 97,258,267	4.00%	4.25% to 6.50%	192 to 360
Group 3 MBS	\$109,303,469	5.00%	5.25% to 7.50%	241 to 360
Group 4 MBS	\$122,138,990	4.00%	4.25% to 6.50%	241 to 360

Group 5 MBS*	\$ 21,556,160	6.50%	6.75% to 9.00%	195 to 360
Group 6 MBS	\$ 36,354,000	4.50%	4.75% to 7.00%	241 to 360
Group 7 MBS	\$100,000,000	4.50%	4.75% to 7.00%	241 to 360
Group 8 MBS	\$ 75,233,832	4.00%	4.25% to 6.50%	241 to 360
Group 10 MBS	\$ 50,000,000	4.50%	4.75% to 7.00%	241 to 360

* As further described in this prospectus supplement, the mortgage loans underlying the Group 5 MBS provide for interest only periods that may range from at least 7 to no more than 10 years following origination. The assumed remaining term to expiration of the interest only periods for those mortgage loans is set forth below.

Assumed Characteristics of the Underlying Mortgage Loans

	<u>Principal Balance</u>	<u>Original Term to Maturity (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Interest Rate</u>
Group 1 MBS	\$ 97,258,267	360	212	91	4.495%
Group 3 MBS	\$109,303,469	360	351	7	5.715%
Group 4 MBS	\$122,138,990	360	336	21	4.353%
Group 5 MBS*	\$ 21,556,160	360	215	141	7.257%
Group 6 MBS	\$ 36,354,000	360	356	3	5.440%
Group 7 MBS	\$100,000,000	360	350	8	5.196%
Group 8 MBS	\$ 75,233,832	360	357	2	4.928%
Group 10 MBS	\$ 50,000,000	360	357	2	5.370%

* Remaining term to expiration of interest only period (in months) for Group 5 MBS is assumed to be 0.

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 2, Group 9, Group 11, Group 12 and Group 13

Exhibit A describes the underlying REMIC and RCR certificates in Group 2, Group 9, Group 11, Group 12 and Group 13, including certain information about the related mortgage loans. To learn more about the underlying REMIC and RCR certificates, you should obtain from us the current class factors and the related disclosure documents as described on page S-3.

Settlement Date

We expect to issue the certificates on March 29, 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:

<u>Fed Book-Entry</u>	<u>DTC Book-Entry</u>	<u>Physical</u>
All classes of certificates other than the LO, UA, UK, WA, WC, WH, WG, R and RL Classes	LO, UA, UK, WA, WC, KW, WH and WG 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:

<u>Class</u>	<u>Initial Interest Rate</u>	<u>Maximum Interest Rate</u>	<u>Minimum Interest Rate</u>	<u>Formula for Calculation of Interest Rate(1)</u>
FA	2.98175%	6.50%	0.50%	LIBOR + 50 basis points
SA	3.51825%	6.00%	0.00%	6.0% - LIBOR
FG	2.88175%	6.50%	0.40%	LIBOR + 40 basis points
SG	3.61825%	6.10%	0.00%	6.1% - LIBOR
FB	2.98175%	6.50%	0.50%	LIBOR + 50 basis points
SB	3.51825%	6.00%	0.00%	6.0% - LIBOR
KS	2.26518%	6.00%	0.00%	6.0% - (1.5 x LIBOR)
SK	2.26518%	6.00%	0.00%	6.0% - (1.5 x LIBOR)
KI	2.26518%	6.00%	0.00%	6.0% - (1.5 x LIBOR)

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

During each interest accrual period, the KW Class, WH Class, WA Class, WC Class and WG Class will bear interest at the respective annual rates described under "Description of the Certificates-Distributions of Interest-The KW Class," "-The WH Class," "-The WA Class," "-The WC Class" and "-The WG Class" in this prospectus supplement.

Notional Classes

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

<u>Class</u>	
CI	7.3590484601% of the sum of the CG and CA Classes
IA	40.9090905818% of the Subgroup 2a Underlying REMIC and RCR Certificates
SA	100% of the FA Class
IP	20% of the PE Class

IL	18.75%	of the LE Class
SG	100%	of the FG Class
MI	33.3333320646%	of the MH Class
BI	11.1111102477%	of the BC Class
SB	100%	of the FB Class
PI	18.75%	of the PK Class
IH	18.75%	of the PH Class
IE	11.1111101671%	of the EC Class
EI	22.2222200299%	of the <i>sum</i> of the EC and NZ Classes
KS	100%	of the LO Class
WH	100%	of the aggregate notional principal balance of the Group 12 Underlying REMIC Certificates
SK	100%	of the MO Class
IK	18.75%	of the <i>sum</i> of the PK and PH Classes
IO	33.3333320646%	of the MH Class
	<i>plus</i>	
	22.2222200299%	of the <i>sum</i> of the EC and NZ Classes
KI	100%	of the <i>sum</i> of the LO and MO Classes

The notional principal balance of the IB Class will be calculated as described under "Description of the Certificates - Distribution of Interest - *The IB Class* " in this prospectus supplement.

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)*

Group 1 Classes

	PSA Prepayment Assumption				
	0%	100%	280%	500%	800%
CA, CG and CI	19.6	7.0	4.1	2.5	1.5

Group 2 Classes

	PSA Prepayment Assumption					
	0%	100%	230%	500%	800%	1200%
A	11.3	6.9	4.7	2.5	1.5	0.8
IA	10.5	6.4	4.5	2.4	1.5	0.8
IB	11.6	7.2	4.8	2.5	1.5	0.8

Group 3 Classes

	PSA Prepayment Assumption						
	0%	100%	165%	200%	300%	600%	1200%
FA and SA	20.2	10.8	8.2	7.2	5.2	2.9	1.5
PE and IP	14.7	7.0	5.7	5.7	5.7	3.2	1.7
PY	24.8	24.1	24.1	24.1	24.1	13.4	5.6
PZ	27.2	20.6	16.6	13.9	2.2	0.8	0.4

Group 4 Classes

	PSA Prepayment Assumption					
	0%	100%	218%	400%	800%	1200%
LE and IL	16.6	6.1	3.4	1.9	0.9	0.6
LZ	28.1	20.1	14.1	8.8	4.2	2.3
VA	7.0	7.0	6.2	4.3	2.2	1.3
LY	28.1	20.1	13.4	7.9	3.6	2.0

Group 5 Classes

	PSA Prepayment Assumption					
	0%	100%	300%	600%	1200%	1700%
FG and SG	21.1	7.5	4.1	2.1	0.8	0.1

		PSA Prepayment Assumption													
<u>Group 6 Classes</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
MH and MI	.....	10.8	5.5	5.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.7
MZ	.....	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	10.2	3.9
UA	.....	18.1	11.1	10.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	4.9	1.7	1.1
UZ	.....	25.0	18.3	16.5	15.7	15.1	13.6	9.9	2.9	2.9	2.5	2.2	2.2	1.0	0.6
ZM	.....	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	16.8	1.7	1.1

		PSA Prepayment Assumption													
<u>Group 7 Classes</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
BC, BI and BA	.....	14.7	6.6	5.7	5.5	5.5	5.5	5.5	3.8	3.8	3.7	3.6	3.6	1.9	1.1
BY	.....	24.5	19.0	19.0	19.0	19.0	19.0	19.0	13.0	13.0	12.6	12.3	12.3	5.5	2.3
BZ	.....	27.6	21.1	18.8	17.7	16.3	10.5	2.3	1.0	1.0	0.9	0.9	0.9	0.4	0.2
FB and SB	.....	19.9	10.6	9.2	8.5	7.9	7.0	6.0	4.0	4.0	3.9	3.8	3.8	1.9	1.1

		PSA Prepayment Assumption													
<u>Group 8 Classes</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
PK and PI	.....	10.9	5.1	4.4	4.1	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	2.3	1.6
YP	.....	19.7	12.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.4	11.1	11.1	5.2	2.6
PH and IH	.....	12.2	6.1	5.4	5.2	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.8	2.7	1.7
ZP	.....	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.4	22.0	22.0	10.6	4.0
UK	.....	20.4	12.5	11.4	11.0	10.8	10.8	10.8	10.8	5.1	4.2	3.8	3.8	1.6	1.0
KZ	.....	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	5.3	4.2	3.8	3.8	1.6	1.0
ZU	.....	25.8	19.2	17.3	16.2	15.4	14.3	10.4	2.3	2.3	2.1	2.1	2.0	1.0	0.6
IK	.....	11.6	5.6	4.9	4.7	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	2.5	1.6

		PSA Prepayment Assumption													
<u>Group 9 Class</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
KW	.....	21.5	15.4	13.7	12.8	11.8	10.5	8.5	4.3	4.3	4.1	3.9	3.9	0.8	0.2

		PSA Prepayment Assumption													
<u>Group 10 Classes</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
EC, IE, EB and EA	.....	10.4	5.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	2.8	1.8
NZ	.....	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.6	19.6	9.3	3.7
EI	.....	10.5	5.5	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	2.8	1.8
ZE	.....	24.8	18.0	16.5	15.9	15.1	12.9	9.3	2.7	2.7	2.3	2.2	2.2	1.1	0.7

		PSA Prepayment Assumption					
<u>Group 11 Classes</u>		0%	100%	269%	500%	800%	1200%
KS and LO	.....	21.2	14.6	6.4	1.7	0.7	0.3

		PSA Prepayment Assumption					
<u>Group 12 Class</u>		0%	100%	269%	500%	800%	1200%
WH	.....	19.2	10.1	5.2	2.9	1.8	1.1

		PSA Prepayment Assumption					
<u>Group 13 Classes</u>		0%	100%	269%	500%	800%	1200%
SK and MO	.....	21.2	14.6	6.4	1.7	0.7	0.3

		PSA Prepayment Assumption													
<u>Group 6/Group 10 Class†</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
IO	.....	10.7	5.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	2.7	1.7

		PSA Prepayment Assumption													
<u>Group 6/Group 8/Group 9 Class†</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
WA	.....	21.5	15.4	13.7	12.8	11.8	10.5	8.5	4.4	4.3	4.1	3.9	3.9	0.9	0.2

		PSA Prepayment Assumption													
<u>Group 6/Group 9 Class†</u>		0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
WC	.....	21.5	15.4	13.7	12.8	11.8	10.5	8.5	4.3	4.3	4.1	3.9	3.9	0.8	0.2

<u>Group 11/Group 12 Class†</u>	<u>PSA Prepayment Assumption</u>					
	<u>0%</u>	<u>100%</u>	<u>269%</u>	<u>500%</u>	<u>800%</u>	<u>1200%</u>
WG	21.2	14.6	6.4	1.7	0.7	0.3

<u>Group 11/Group 13 Class†</u>	<u>PSA Prepayment Assumption</u>					
	<u>0%</u>	<u>100%</u>	<u>269%</u>	<u>500%</u>	<u>800%</u>	<u>1200%</u>
KI	21.2	14.6	6.4	1.7	0.7	0.3

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

† These classes are RCR Classes formed by combinations of two or more REMIC classes in different groups. For additional information, see Schedule I attached to this prospectus supplement.

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 2, Group 9, Group 11, and Group 13 Classes will be affected by the applicable payment priorities governing the related underlying REMIC and RCR certificates. If you invest in a Group 2, Group 9, Group 11, and Group 13 Class, the rate at which you receive payments will be affected by the applicable priority sequences governing payments on the related underlying REMIC and RCR certificates.

As described in the related Underlying REMIC Disclosure Documents, the underlying REMIC and RCR certificates may be subsequent in payment priority to certain other classes issued from the related underlying REMIC trusts. As a result, such other classes may receive principal before principal is paid on the related underlying REMIC and RCR certificates, possibly for long periods.

In particular, as described in the related Underlying REMIC Disclosure Documents, principal payments on certain of the Group 2 Underlying REMIC and RCR Certificates (and notional principal reductions on one of the Group 9 Underlying REMIC Certificates) are governed by principal balance schedules. As a result, the applicable underlying REMIC and RCR certificates may receive principal payments (or notional principal balance reductions) faster or slower than would otherwise have been the case. In some cases, the applicable Group 2 Underlying REMIC and RCR Certificates may receive no principal payments for extended periods. Prepayments on the related mortgage loans may have occurred at rates faster or slower than the rates initially assumed. In certain high prepayment scenarios, it is possible that the effect of a principal

balance schedule on principal payments (or notional principal balance reductions) over time may be eliminated. In such a case, the applicable underlying REMIC and RCR certificates would receive principal payments (or notional principal balance reductions) at rates that may vary widely from period to period. This prospectus supplement contains no information as to whether

- the applicable underlying REMIC and RCR certificates have adhered to the related principal balance schedules,
- any related support classes remain outstanding, or
- the applicable underlying REMIC and RCR certificates otherwise have performed as originally anticipated.

In addition, as described in the related Underlying REMIC Disclosure Documents, certain of the Group 9 Underlying REMIC Certificates are backed by support classes, and the Group 11 and Group 13 Underlying REMIC Certificates are support classes. A support class is entitled to receive payments on a distribution date only if scheduled payments of principal have been made on certain other classes in the related underlying REMIC trust. Accordingly, a support class may receive no principal payments for an extended period or may receive principal payments that may vary widely from period to period.

You may obtain additional information about the underlying REMIC and RCR certificates by reviewing their current class factors in light of other information available in the related Underlying REMIC Disclosure Documents. You may obtain those documents from us as described on page S-3.

Varying rates of prepayments on the mortgage loans backing the Subgroup 2b Underlying REMIC and RCR Certificates will affect the yield on the IB Class. Although the IB Class bears a fixed rate of interest, the notional principal balance of the IB Class will be recalculated each month as described in "Description of the Certificates-Distributions of Interest-The IB Class" in this prospectus supplement. As a result of this calculation, the notional principal balance of the IB Class is expected to vary due to changes in the notional principal balances of the Subgroup 2b Underlying REMIC and RCR Certificates, which in turn will be affected by varying rates of prepayment on the mortgage loans backing those certificates. Accordingly, if you purchase a certificate of the IB Class, varying rates of prepayment on the mortgage loans backing the Subgroup 2b Underlying REMIC and RCR Certificates may significantly affect your yield, even if the average rate is consistent with your expectations. In general, the earlier the change in the rate of prepayment, the greater the effect on your yield to maturity. As a result, if prepayment rates result in interest distributions during any period that are lower than you expect, interest distributions during a later period that are higher than you expect may not fully offset the effect of the earlier impact on your yield.

Principal and interest payments on the KW Class are derived from separate sources. As described in the applicable Underlying REMIC Disclosure Documents, interest payments and principal payments on the Group 9 Underlying REMIC Certificates are derived from separate sources in the related Underlying REMIC Trusts that are independent of one another. Accordingly, the interest payment rate and principal payment rate on the KW Class in Group 9 are not directly related, are likely to differ and may differ sharply. In addition, there is a risk that the KW Class could in the future receive:

- only interest payments in the event that all of the then-outstanding Group 9 Underlying REMIC Certificates consist of interest only certificates, or
- only principal payments in the event that all of the then-outstanding Group 9 Underlying REMIC Certificates consist of principal only certificates.

Principal and interest payments on the WA Class are derived from separate sources. The WA Class is an RCR Class formed by a combination of REMIC Certificates in Group 6, Group 8 and Group 9. As described in the applicable Underlying REMIC Disclosure Documents, interest payments and principal payments on the Group 9 Underlying REMIC Certificates are derived from separate sources in the related Underlying REMIC Trusts that are independent of one another. Accordingly, the interest payment rate and principal payment rate on the WA Class are not directly related, are likely to differ and may differ sharply. In addition, there is a risk that the WA Class could in the future receive:

- only interest payments in the event that the applicable REMIC Certificates in Group 6 and Group 8 are retired and all of the then-outstanding Group 9 Underlying REMIC Certificates consist of interest only certificates or
- only principal payments in the event that the applicable REMIC Certificates in Group 6 and Group 8 are retired and all of the then-outstanding Group 9 Underlying REMIC Certificates consist of principal only certificates.

Principal and interest payments on the WC Class are derived from separate sources. The WC Class is an RCR Class formed by a combination of REMIC Certificates in Group 6 and Group 9. As described in the applicable Underlying

REMIC Disclosure Documents, interest payments and principal payments on the Group 9 Underlying REMIC Certificates are derived from separate sources in the related Underlying REMIC Trusts that are independent of one another. Accordingly, the interest payment rate and principal payment rate on the WC Class are not directly related, are likely to differ and may differ sharply. In addition, there is a risk that the WC Class could in the future receive :

- only interest payments in the event that the applicable REMIC Certificate in Group 6 is retired and all of the then-outstanding Group 9 Underlying REMIC Certificates consist of interest only certificates or
- only principal payments in the event that the applicable REMIC Certificate in Group 6 is retired and all of the then-outstanding Group 9 Underlying REMIC Certificates consist of principal only certificates.

Principal and interest payments on the WG Class are derived from separate sources. The WG Class is an RCR Class formed by a combination of the LO Class in Group 11 and the WH Class in Group 12. Accordingly, there is a risk that the WG Class could in the future receive :

- only interest payments in the event that the LO Class is retired while the WH Class remains outstanding, or
- only principal payments in the event that the WH Class is retired while the LO Class remains outstanding.

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 March 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:

- eight groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the "Group 1 MBS," "Group 3 MBS," "Group 4 MBS," "Group 5 MBS," "Group 6 MBS," "Group 7 MBS," "Group 8 MBS" and "Group 10 MBS" and together, the "Trust MBS"), and
- two subgroups of previously issued REMIC and RCR certificates (the "Subgroup 2a Underlying REMIC and RCR Certificates" and the "Subgroup 2b Underlying REMIC and RCR Certificates," and together, the "Group 2 Underlying REMIC and RCR Certificates,") and four groups of previously issued REMIC and RCR certificates (the "Group 9 Underlying REMIC Certificates," the "Group 11 Underlying REMIC Certificate," the "Group 12 Underlying REMIC Certificates," and the "Group 13 Underlying REMIC Certificate," and together with the Group 2 Underlying REMIC and RCR Certificates, the "Underlying REMIC and RCR Certificates") issued from the related Fannie Mae REMIC trusts (the "Underlying REMIC Trusts"), as further described in Exhibit A.

The Underlying REMIC and RCR Certificates evidence 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."

<u>REMIC Designation</u>	<u>Assets</u>	<u>Regular Interests</u>	<u>Residual Interest</u>
Lower Tier REMIC	Trust MBS and Underlying REMIC and RCR Certificates	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 Underlying REMIC and RCR Certificates, 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."

The Classes listed above as "DTC Book-Entry" under "Summary-Book-Entry and Physical Certificates" each will be represented by a single certificate (together, the "DTC Certificates") to be registered at all times in the name of the nominee of The Depository Trust Company ("DTC"), a New York-chartered limited purpose trust company, or any successor or depository selected or approved by us. We refer to the nominee of DTC as the "Holder" or "Certificateholder" of the DTC Certificates. DTC will maintain the DTC Certificates through its book-entry facilities.

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:

<u>Classes</u>	<u>Denominations</u>
Interest Only, Principal 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 addition, the pools of Mortgage Loans backing the Group 1 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 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 scheduled monthly payments on the Mortgage Loans underlying the Group 5 MBS represent accrued interest only for periods that may range from at least seven to no more than ten years following origination. See "Risk Factors-Risks Relating to Yield and Prepayment-Fixed-rate and ARM loans with long initial interest-only payment periods may be more likely to be refinanced or become delinquent than other mortgage loans" in the MBS Prospectus dated May 1, 2018.

Finally, the pools of mortgage loans backing the Group 6 MBS, Group 8 MBS and Group 10 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, Group 8 MBS and Group 10 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 3, Group 4, Group 5, Group 6, Group 7, Group 8 and Group 10 - 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 Underlying REMIC and RCR Certificates

The Underlying REMIC and RCR Certificates represent beneficial ownership interests in the related Underlying REMIC Trusts. The assets of those trusts 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 scheduled monthly payments on approximately 20% of the Mortgage Loans backing the Class 2006-34-PE REMIC Certificate included in Subgroup 2b (by principal balance at the issue date) represent accrued interest only for periods that may range from at least ten to no more than fifteen years following origination. See "Risk Factors-Risks Relating to Yield and Prepayment-*Fixed-rate and ARM loans with long initial interest-only payment periods may be more likely to be refinanced or become delinquent than other mortgage loans*" in the MBS Prospectus dated May 1, 2018.

Furthermore, all of the Mortgage Loans backing the Class 2014-68-TO, Class 2014-79-LO, Class 2015-1-JO and Class 2015-6-WO REMIC Certificates included in Group 9 and all of the Mortgage Loans backing the Group 11 Underlying REMIC Certificate and the Group 13 Underlying REMIC Certificate have been designated as pools that include "jumbo-conforming" or "high balance" mortgage loans as described further under "The Mortgage Loans-Mortgage Loans with Original Principal Balances Exceeding our Traditional Conforming Loan Limits" in the MBS Prospectus dated 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 9 Underlying REMIC Certificates, the Group 11 Underlying REMIC Certificate and the Group 13 Underlying REMIC 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.

Moreover, all of the Mortgage Loans backing the Class 2012-63-SE and Class 2012-76-DS REMIC Certificates included in Group 9 have been refinanced under Fannie Mae Refi Plus and are designated as "high loan-to-value ratio" loans, with loan-to-value ratios ranging from greater than 105% up to 125% at the time of refinance. These loans are targeted at borrowers who have demonstrated an acceptable payment history on their mortgage loans but may have been unable to refinance due to a decline in home prices or the unavailability of mortgage insurance. Fannie Mae Refi Plus refinancing is available only if the new mortgage loan either reduces the monthly principal and interest payment for the

borrower or provides a more stable loan product (such as movement from an adjustable-rate loan to a fixed rate loan). For more information on the Home Affordable Refinance Program, see "The Mortgage Loans-High Loan-to-Value Mortgage Loans" in the MBS Prospectus dated May 1, 2018 and on our Web site at www.fanniemae.com. See also "Risk Factors-Risks Relating to Yield and Prepayment-Mortgage loans with loan-to-value ratios greater than 80% may have different prepayment and default characteristics than conforming mortgage loans generally" in the MBS Prospectus dated May 1, 2018.

Finally, all of the Mortgage Loans backing the Class 2014-64-BI REMIC Certificate included in Group 9 are relocation Mortgage Loans made under agreements between lenders and employers that frequently relocate their employees. For additional information, see "Risk Factors-Risks Relating to Yield and Prepayment-Pools containing relocation mortgage loans may perform differently than do otherwise comparable pools containing non-relocation mortgage loans" and "The Mortgage Loans-Eligibility for Good Delivery into a TBA Trade-Special Feature Mortgage Loans-Relocation Loans" in the MBS Prospectus dated May 1, 2018.

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

For further information about the Underlying REMIC and RCR Certificates, telephone us at 800-2FANNIE. Additional information about the Underlying REMIC and RCR Certificates is also available at <https://mbsdisclosure.fanniemae.com/PoolTalk2/index.html>. There may have been material changes in facts and circumstances since the dates we prepared the Underlying REMIC Disclosure Documents. 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 those documents 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:

<u>Delay Classes</u>	<u>No-Delay Classes</u>
Fixed Rate Classes and the KW, WA and WC Classes	Floating Rate and Inverse Floating Rate Classes and the WH and WG Classes

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

The Dealer will treat the Principal Only Classes as No-Delay Classes, solely for the purpose of facilitating trading.

Accrual Classes. The PZ, LZ, MZ, UZ, ZM, BZ, ZP, KZ, ZU, NZ and ZE Classes are Accrual Classes. Interest will accrue on each Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on each Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Classes as described under "-Distributions of Principal" below.

The IB Class.

On each Distribution Date, we will pay interest on the IB Class on a notional principal balance equal to:

- the excess of
 - the aggregate amount of interest then paid on the Subgroup 2b Underlying REMIC and RCR Certificates
 - over
 - the product of (x) the aggregate unpaid principal balance of each of the Subgroup 2b Underlying REMIC and RCR Certificates for that Distribution Date *multiplied* by (y) one-twelfth *multiplied* by (z) 3.25%,

divided by

- the product of (x) one-twelfth *multiplied* by (y) the fixed rate of interest borne by the IB Class as shown on the cover of this prospectus supplement.

The KW Class.

On each Distribution Date, we will pay interest on the KW Class in an amount equal to the aggregate amount of interest accrued during the related interest accrual period on the Group 9 Underlying REMIC Certificates. Accordingly, the amount of interest payable on the KW Class will not be determined on the basis of its principal balance.

On the initial Distribution Date, we expect to pay interest on the KW Class at an annual rate of approximately 9.349% (calculated based on the amount of interest payable on that date and the initial principal balance of the KW Class).

As described in the applicable Underlying REMIC Disclosure Documents, the Group 9 Underlying REMIC Certificates potentially may consist solely of interest only certificates or may consist solely of principal only certificates in the future. If at any time the remaining Group 9 Underlying REMIC Certificates consist solely of interest only certificates, the KW Class will receive only interest payments thereafter. If at any time the remaining Group 9 Underlying REMIC Certificates consist solely of principal only certificates, the KW Class will receive only principal payments thereafter. Our determination of the interest rate for the KW Class for each Distribution Date will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The WH Class.

On each Distribution Date, we will pay interest on the WH Class in an amount equal to the aggregate amount of interest accrued during the related interest accrual period on the Group 12 Underlying REMIC Certificates. Accordingly, the amount of interest payable on the WH Class will not be determined on the basis of its notional principal balance.

On the initial Distribution Date, we expect to pay interest on the WH Class at an annual rate of approximately 2.667% (calculated based on the amount of interest payable on that date and the initial notional principal balance of the WH Class).

Our determination of the interest rate for the WH Class for each Distribution Date will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The WA Class.

On each Distribution Date, we will pay interest on the WA Class in an amount equal to the aggregate amount of interest accrued during the related interest accrual period on the Certificates of the UA, UK and KW Classes that were exchanged for the Certificates of the WA Class. Accordingly, the amount of interest payable on the Certificates of the WA Class will not be determined on the basis of their principal balances.

On the initial Distribution Date, we expect to pay interest on the WA Class at an annual rate of approximately 9.302% (calculated based on the amount of interest payable on that date and the initial principal balance of the WA Class).

As described in the applicable Underlying REMIC Disclosure Documents, the Group 9 Underlying REMIC Certificates backing the KW Class potentially may consist solely of interest only certificates or may consist solely of principal only certificates in the future. If at any time the remaining Group 9 Underlying REMIC Certificates consist solely of interest only certificates and the UA and UK Classes are retired, the WA Class will receive only interest payments thereafter. If at any time the remaining Group 9 Underlying REMIC Certificates consist solely of principal only certificates and the UA and UK Classes are retired, the WA Class will receive only principal payments thereafter.

Our determination of the interest rate for the WA Class for each Distribution Date will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The WC Class.

On each Distribution Date, we will pay interest on the WC Class in an amount equal to the aggregate amount of interest accrued during the related interest accrual period on the Certificates of the UA and KW Classes that were exchanged for the Certificates of the WC Class. Accordingly, the amount of interest payable on the Certificates of the WC Class will not be determined on the basis of their principal balances.

On the initial Distribution Date, we expect to pay interest on the WC Class at an annual rate of approximately 9.335% (calculated based on the amount of interest payable on that date and the initial principal balance of the WC Class).

As described in the applicable Underlying REMIC Disclosure Documents, the Group 9 Underlying REMIC Certificates backing the KW Class potentially may consist solely of interest only certificates or may consist solely of principal only certificates in the future. If at any time the remaining Group 9 Underlying REMIC Certificates consist solely of interest only certificates and the UA Class is retired, the WC Class will receive only interest payments thereafter. If at any time the remaining Group 9 Underlying REMIC Certificates consist solely of principal only certificates and the UA Class is retired, the WC Class will receive only principal payments thereafter.

Our determination of the interest rate for the WC Class for each Distribution Date will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The WG Class.

On each Distribution Date, we will pay interest on the WG Class in an amount equal to the aggregate amount of interest accrued during the related interest accrual period on the Certificates of the WH Class that were exchanged for the Certificates of the WG Class. Accordingly, the amount of interest payable on the Certificates of the WG Class will not be determined on the basis of their principal balances.

On the initial Distribution Date, we expect to pay interest on the WG Class at an annual rate of approximately 6.066% (calculated based on the amount of interest payable on that date and the initial principal balance of the WG Class).

If at any time the LO Class is retired while the WH Class remains outstanding, the WG Class will receive only interest payments thereafter. If at any time the WH Class is retired while the LO Class remains outstanding, the WG Class will receive only principal payments thereafter.

Our determination of the interest rate for the WG Class for each Distribution Date will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

Distributions of Principal

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

• Group 1

The Group 1 Principal Distribution Amount to CA and CG, 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 A until retired.

The "Group 2 Principal Distribution Amount" is the principal then paid on the Group 2 Underlying REMIC and RCR Certificates.

• *Group 3*

The PZ Accrual Amount to Aggregate Group I to its Planned Balance, and thereafter to PZ.

The Group 3 Cash Flow Distribution Amount as follows:

- 39.9999994511% to FA until retired, and

- 60.0000005489% as follows:

first, to Aggregate Group I to its Planned Balance;

second, to PZ until retired; and

third, to Aggregate Group I to zero.

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

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

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

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

• *Group 4*

The LZ Accrual Amount to VA until retired, and thereafter to LZ.

The Group 4 Cash Flow Distribution Amount to LE, VA and LZ, in that order, until retired.

The "LZ Accrual Amount" is any interest then accrued and added to the principal balance of the LZ 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 to FG until retired.

The "Group 5 Principal Distribution Amount" is the principal then paid on the Group 5 MBS.

• *Group 6*

The ZM Accrual Amount to UA until retired, and thereafter to ZM.

The MZ Accrual Amount to MH until retired, and thereafter to MZ.

The UZ Accrual Amount to Aggregate Group II to its Planned Balance, and thereafter to UZ.

The Group 6 Cash Flow Distribution Amount in the following priority:

1. To Aggregate Group II to its Planned Balance.

2. To UZ until retired.

3. To Aggregate Group II to zero.

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

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

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

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

"Aggregate Group II" consists of Aggregate Group III and the UA and ZM Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II as follows:

- first*, to Aggregate Group III to its Planned Balance;
- second*, to UA until retired;
- third*, to ZM until retired; and
- fourth*, to Aggregate Group III to zero.

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

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

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

• *Group 7*

The BZ Accrual Amount to Aggregate Group VI to its Planned Balance, and thereafter to BZ.

The Group 7 Cash Flow Distribution Amount as follows:

- 20% to FB until retired, and
- 80% as follows:
 - first*, to Aggregate Group VI to its Planned Balance;
 - second*, to BZ until retired; and
 - third*, to Aggregate Group VI to zero.

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

The "Group 7 Cash Flow Distribution Amount" is the principal then paid on the Group 7 MBS.

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

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

• *Group 8*

The ZP Accrual Amount to PH until retired, and thereafter to ZP.

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

The ZU Accrual Amount to Aggregate Group IV to its Planned Balance, and thereafter to ZU.

The Group 8 Cash Flow Distribution Amount in the following priority:

1. To Aggregate Group IV to its Planned Balance.
2. To ZU until retired.
3. To Aggregate Group IV to zero.

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

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

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

The "Group 8 Cash Flow Distribution Amount" is the principal then paid on the Group 8 MBS.

"Aggregate Group IV" consists of Aggregate Group V and the UK and KZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV as follows:

- first*, to Aggregate Group V to its Planned Balance;
- second*, to UK until retired;
- third*, to KZ until retired; and

fourth, to Aggregate Group V to zero.

Aggregate Group IV has a principal balance equal to the aggregate principal balance of Aggregate Group V and the Classes included in Aggregate Group IV.

"Aggregate Group V" consists of the PK, YP, PH and ZP Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group V as follows:

- 50.8111514467% to PK and YP, in that order, until retired.
- 49.1888485533% to PH and ZP, in that order, until retired.

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

- *Group 9*

The Group 9 Principal Distribution Amount to KW until retired.

The "Group 9 Principal Distribution Amount" is the principal then paid on the Group 9 Underlying REMIC Certificates.

- *Group 10*

The NZ Accrual Amount to EC until retired, and thereafter to NZ.

The ZE Accrual Amount Aggregate Group VII to its Planned Balance, and thereafter to ZE.

The Group 10 Cash Flow Distribution Amount in the following priority:

1. To Aggregate Group VII to its Planned Balance.
2. To ZE until retired.
3. To Aggregate Group VII to zero.

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

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

The "Group 10 Cash Flow Distribution Amount" is the principal then paid on the Group 10 MBS.

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

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

- *Group 11*

The Group 11 Principal Distribution Amount to LO until retired.

The "Group 11 Principal Distribution Amount" is the principal then paid on the Group 11 Underlying REMIC Certificate.

- *Group 13*

The Group 13 Principal Distribution Amount to MO until retired.

The "Group 13 Principal Distribution Amount" is the principal then paid on the Group 13 Underlying REMIC Certificate.

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 Underlying REMIC and RCR Certificates, the applicable priority sequences governing principal payments or notional principal balance reductions, as applicable, on the Group 2, Group 9, Group 11, Group 12 and Group 13 Underlying REMIC and RCR Certificates, 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 3, Group 4, Group 5, Group 6, Group 7, Group 8 and Group 10 - 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 March 29, 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 is the range of prepayment rates (measured by *constant* PSA rates) that would reduce that Aggregate Group to its scheduled balance each month based on the Pricing Assumptions. We have not provided separate schedules for the individual Classes included in the Aggregate Groups. However, those Classes are designed to receive principal distributions in the same fashion as if separate schedules had been provided (with schedules based on the same underlying assumptions that apply to the related Aggregate Group schedule). If such separate schedules had been provided for the individual Classes included in the Aggregate Groups, we expect that the effective ranges for those Classes would not be narrower than those shown below for the related Aggregate Groups.

<u>Groups</u>	<u>Structuring Ranges</u>	<u>Initial Effective Ranges</u>
Aggregate Group I Planned Balances	Between 165% and 300% PSA	Between 165% and 300% PSA
Aggregate Group II Planned Balances	Between 150% and 424% PSA	Between 150% and 424% PSA
Aggregate Group III Planned Balances	Between 150% and 425% PSA	Between 150% and 425% PSA
Aggregate Group VI Planned Balances	Between 150% and 250% PSA	Between 150% and 250% PSA
Aggregate Group IV Planned Balances	Between 170% and 400% PSA	Between 170% and 400% PSA
Aggregate Group V Planned Balances	Between 170% and 401% PSA	Between 170% and 401% PSA
Aggregate Group VII Planned Balances	Between 132% and 413% PSA	Between 132% and 413% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	PE and PY
Aggregate Group II	UA, ZM and Aggregate Group III
Aggregate Group III	MH and MZ
Aggregate Group VI	BC and BY
Aggregate Group IV	UK, KZ and Aggregate Group V
Aggregate Group V	PK, YP, PH and ZP
Aggregate Group VII	EC and NZ

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

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

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

- We will distribute any excess of principal distributions over the amount necessary to reduce an Aggregate Group to its scheduled balance in any month. As a result, the likelihood of reducing an Aggregate Group to its scheduled balance each month will not be improved by the averaging of high and low principal distributions from month to month.
- Even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Range or Effective Range, principal distributions may be insufficient to reduce the Aggregate Groups to their scheduled balances each month if prepayments do not occur at a *constant* PSA rate.
- The actual Effective Ranges at any time will be based upon the actual characteristics of the related Mortgage Loans at that time, which are likely to vary (and may vary considerably) from the Pricing Assumptions. As a result, the actual Effective Ranges will likely differ from the Initial Effective Ranges specified above. For the same reason, the Aggregate Groups might not be reduced to their scheduled balances each month even if the related Mortgage Loans prepay at a *constant* PSA rate within the applicable Initial Effective Ranges. This is so particularly if the rates fall at the lower or higher end of the applicable ranges.
- The actual Effective Ranges may narrow, widen or shift upward or downward to reflect actual prepayment experience over time.
- The principal payment stability of each Aggregate Group having scheduled balances will be supported by one or more other Classes. When the related supporting Class or Classes are retired, the Aggregate Group receiving the benefit of that support, if still outstanding, may no longer have an Effective Range, and will be much more sensitive to prepayments of the related Mortgage Loans.

Yield Tables and Additional Yield Considerations

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

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

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

We cannot assure you that

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

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

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

The Fixed Rate Interest Only 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:

<u>Class</u>	<u>%PSA</u>
CI	270%
IA	306%
IB	302%
IP	405%
IL	221%
MI	563%
BI	361%
PI	599%
IH	564%
IK	577%
IE	800%
IO	654%
EI	794%

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 principal balance) are as follows:

<u>Class</u>	<u>Price*</u>
CI	16.75%
IA	20.00%
IB	23.50%
IP	22.00%
IL	13.00%
MI	17.30%
BI	18.25%
PI	11.75%
IH	15.25%
IK	13.60%
IE	13.30%
IO	15.60%
EI	13.60%

* 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 CI Class to Prepayments

		PSA Prepayment Assumption				
		50%	100%	280%	500%	800%
Pre-Tax Yields to Maturity	.....	14.9%	11.6%	(0.7)%	(16.9)%	(41.7)%

Sensitivity of the IA Class to Prepayments

		PSA Prepayment Assumption					
		50%	100%	230%	500%	800%	1200%
Pre-Tax Yields to Maturity	.....	17.6%	14.2%	5.4%	(14.5)%	(39.6)%	(81.9)%

Sensitivity of the IB Class to Prepayments

		PSA Prepayment Assumption					
		50%	100%	230%	500%	800%	1200%
Pre-Tax Yields to Maturity	.....	17.3%	14.0%	5.1%	(14.8)%	(39.9)%	(82.2)%

Sensitivity of the IP Class to Prepayments

		PSA Prepayment Assumption						
		50%	100%	165%	200%	300%	600%	1200%
Pre-Tax Yields to Maturity	.....	15.2%	10.7%	5.9%	5.9%	5.9%	(13.0)%	(59.5)%

Sensitivity of the IL Class to Prepayments

		PSA Prepayment Assumption						
		50%	100%	218%	400%	800%	1200%	
Pre-Tax Yields to Maturity	.....	23.3%	17.5%	0.5%	(31.6)%	*	*	

Sensitivity of the MI Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	15.5%	10.3%	7.5%	6.4%	6.4%	6.4%	6.4%	6.4%	6.4%	6.4%	6.4%	6.4%	(18.9)%	(62.6)%

Sensitivity of the BI Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	17.1%	12.3%	9.2%	7.9%	7.9%	7.9%	7.9%	(3.2)%	(3.3)%	(4.3)%	(5.2)%	(5.3)%	(48.3)%	*

Sensitivity of the PI Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	24.7%	19.1%	15.3%	13.2%	11.2%	11.2%	11.2%	11.2%	11.2%	10.8%	10.3%	10.2%	(18.8)%	(56.1)%

Sensitivity of the IH Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	17.5%	12.8%	10.0%	8.7%	7.5%	7.5%	7.5%	7.5%	7.5%	7.1%	6.7%	6.6%	(18.3)%	(59.8)%

Sensitivity of the IK Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	20.3%	15.2%	11.9%	10.3%	8.8%	8.8%	8.8%	8.8%	8.8%	8.4%	7.9%	7.9%	(18.5)%	(58.4)%

Sensitivity of the IE Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	24.6%	19.8%	17.3%	17.3%	17.3%	17.3%	17.3%	17.3%	17.3%	17.3%	17.0%	17.0%	(5.1)%	(43.2)%

Sensitivity of the IO Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	18.8%	13.8%	11.3%	10.7%	10.7%	10.7%	10.7%	10.7%	10.7%	10.7%	10.5%	10.5%	(13.1)%	(54.5)%

Sensitivity of the EI Class to Prepayments

		PSA Prepayment Assumption													
		50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Pre-Tax Yields to Maturity	.....	23.8%	19.0%	16.6%	16.6%	16.6%	16.6%	16.6%	16.6%	16.6%	16.6%	16.3%	16.3%	(5.3)%	(43.8)%

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 principal balance) are as follows:

Class	Price*
SA	13.6%
SB	14.1%
SG	12.0%
KS	17.0%
SK	17.0%
KI	17.0%

* 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)**

LIBOR	PSA Prepayment Assumption						
	50%	100%	165%	200%	300%	600%	1200%
0.5000000%	38.8%	36.1%	32.4%	30.4%	24.6%	6.3%	(35.1)%
1.4817500%	30.7%	27.9%	24.2%	22.1%	16.3%	(2.2)%	(44.7)%
2.4817500%	22.4%	19.6%	15.8%	13.8%	7.9%	(11.0)%	(54.7)%
4.4817500%	5.5%	2.6%	(1.2)%	(3.3)%	(9.4)%	(28.8)%	(76.3)%
6.0000000%	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption													
	50%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
0.5000000%	36.9%	34.1%	32.3%	31.2%	30.1%	28.3%	25.3%	16.3%	16.2%	15.4%	14.8%	14.7%	(17.0)%	(75.4)%
1.4817500%	29.1%	26.2%	24.4%	23.3%	22.2%	20.4%	17.4%	8.2%	8.2%	7.4%	6.7%	6.7%	(25.4)%	(85.5)%
2.4817500%	21.2%	18.3%	16.4%	15.4%	14.2%	12.4%	9.4%	0.1%	0.1%	(0.7)%	(1.4)%	(1.4)%	(34.1)%	(96.4)%
4.4817500%	4.8%	1.9%	(0.0)%	(1.1)%	(2.3)%	(4.1)%	(7.1)%	(16.5)%	(16.6)%	(17.3)%	(18.1)%	(18.1)%	(52.2)%	*
6.0000000%	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption					
	50%	100%	300%	600%	1200%	1700%
0.5000000%	42.9%	39.2%	24.0%	(1.3)%	(66.7)%	*
1.4817500%	33.5%	30.0%	15.2%	(9.2)%	(72.3)%	*
2.4817500%	24.0%	20.5%	6.3%	(17.2)%	(78.1)%	*
4.4817500%	3.6%	0.5%	(12.6)%	(34.2)%	(90.7)%	*
6.1000000%	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption					
	50%	100%	269%	500%	800%	1200%
0.5000000%	32.2%	31.6%	18.4%	(39.3)%	*	*
1.4898800%	22.3%	21.3%	8.0%	(52.4)%	*	*
2.4898800%	11.6%	10.0%	(3.1)%	(68.3)%	*	*
4.0000000%	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption					
	50%	100%	269%	500%	800%	1200%
0.5000000%	32.2%	31.6%	18.4%	(39.3)%	*	*
1.4898800%	22.3%	21.3%	8.0%	(52.4)%	*	*
2.4898800%	11.6%	10.0%	(3.1)%	(68.3)%	*	*
4.0000000%	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption					
	50%	100%	269%	500%	800%	1200%
0.5000000%	32.2%	31.6%	18.4%	(39.3)%	*	*
1.4898800%	22.3%	21.3%	8.0%	(52.4)%	*	*
2.4898800%	11.6%	10.0%	(3.1)%	(68.3)%	*	*
4.0000000%	*	*	*	*	*	*

The Principal Only Classes. The Principal Only Classes will not bear interest. As indicated in the tables below, a low rate of principal payments (including prepayments) on the related Mortgage Loans will have a negative effect on the yields to investors on the Principal Only Classes.

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

Class	Price*
LO	65.0%
MO	65.0%

Sensitivity of the LO Class to Prepayments

	PSA Prepayment Assumption					
	50%	100%	269%	500%	800%	1200%
Pre-Tax Yields to Maturity	2.5%	3.0%	7.8%	30.6%	85.0%	225.5%

Sensitivity of the MO Class to Prepayments

	PSA Prepayment Assumption					
	50%	100%	269%	500%	800%	1200%
Pre-Tax Yields to Maturity	2.5%	3.0%	7.8%	30.6%	85.0%	225.5%

The WH Class. The yield on the WH Class will be very sensitive to the rate of principal payments (including prepayments) on the related Mortgage Loans, and to the amount of interest payable on the related Underlying REMIC Certificates. The Mortgage Loans generally can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the related Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. Under certain high prepayment scenarios, in particular, it is possible that investors in the WH Class would lose money on their initial investments.

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions,
- the priority sequences of distributions of principal of the Group 3, Group 4, Group 6, Group 7, Group 8 and Group 10 Classes, and
- in the case of the Group 2, Group 9, Group 11, and Group 13 Classes, the applicable priority sequences governing principal payments on the related Underlying REMIC and RCR Certificates.

See "-Distributions of Principal" above and "Description of the Certificates-Distributions of Principal" in the Underlying REMIC Disclosure Documents.

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.

<u>Mortgage Loans Backing Trust Assets Specified Below</u>	<u>Original Terms to Maturity</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
Group 1 MBS	360 months	360 months	6.5%
Group 2 Underlying REMIC and RCR Certificates	360 months	(1)	(1)
Group 3 MBS	360 months	360 months	7.5%
Group 4 MBS	360 months	360 months	6.5%
Group 5 MBS	360 months	360 months	9.0%
Group 6 MBS	360 months	360 months	7.0%
Group 7 MBS	360 months	360 months	7.0%
Group 8 MBS	360 months	360 months	6.5%
Group 9 Underlying REMIC Certificates	(2)	(2)	(2)
Group 10 MBS	360 months	360 months	7.0%
Group 11 Underlying REMIC Certificate	360 months	290 months	5.5%
Group 12 Underlying REMIC Certificates	360 months	(3)	7.0%
Group 13 Underlying REMIC Certificate	360 months	290 months	5.5%

- (1) The Mortgage Loans backing the Group 2 Underlying REMIC and RCR Certificates listed below are assumed to have the following remaining terms to maturity and interest rates:

	<u>Class</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
Subgroup 2a	2003-21-OU	167 months	8.0%
	2005-79-LB	197 months	8.0%
	2018-28-A	*	*
Subgroup 2b	2006-34-PE	205 months	8.5%
	2009-69-PB	245 months	8.5%
	2018-28-B	*	*

* The Classes 2018-28-A and B REMIC Certificates are backed by the Class 2009-50-ZW REMIC certificate, which in turn is backed by the Fannie Mae REMIC certificates listed below. The Mortgage Loans backing those certificates are assumed to have the following remaining terms to maturity and interest rates:

	<u>Class</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
	2005-4-Z	190	8.0%
	2007-B2-ZA	218	8.0%
	2008-71-TZ	232	8.5%

- (2) The Mortgage Loans backing the Group 9 Underlying REMIC Certificates listed below are assumed to have the following original terms to maturity, remaining terms to maturity and interest rates:

<u>Class</u>	<u>Original Terms to Maturity</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
2010-83-IC	240 months	136 months	7.0%
2010-118-IN	360 months	258 months	7.5%
2012-63-SE	360 months	278 months	6.5%
2012-76-DS	360 months	279 months	6.5%
2014-64-BI	360 months	306 months	6.0%
2014-68-TO	360 months	285 months	5.5%
2014-79-LO	360 months	285 months	6.0%
2015-1-JO	360 months	291 months	5.5%
2015-6-WO	360 months	290 months	5.5%

- (3) The Mortgage Loans backing the Group 12 Underlying REMIC Certificates listed below are assumed to have the following remaining terms to maturity:

<u>Class</u>	<u>Remaining Terms to Maturity</u>
2018-25-HS	348
2018-39-SA	350

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

Date	CA, CG and CI† Classes					A Class					
	PSA Prepayment Assumption					PSA Prepayment Assumption					
	0%	100%	280%	500%	800%	0%	100%	230%	500%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
March 2020	99	90	80	67	50	98	91	83	68	50	27
March 2021	98	81	64	45	25	95	82	69	45	25	7
March 2022	96	73	51	30	12	92	74	57	30	12	2
March 2023	95	65	40	20	6	89	66	47	20	6	1
March 2024	94	58	32	13	3	85	58	38	13	3	*
March 2025	92	51	25	9	1	81	51	31	9	1	*
March 2026	90	45	19	6	1	77	45	24	6	1	*
March 2027	89	39	15	4	*	73	39	19	4	*	*
March 2028	87	34	11	2	*	68	33	15	2	*	*
March 2029	85	29	8	2	*	63	27	12	1	*	*
March 2030	83	24	6	1	*	57	22	9	1	*	*
March 2031	80	20	5	1	*	50	18	6	1	*	0
March 2032	78	15	3	*	*	44	13	4	*	*	0
March 2033	75	12	2	*	*	36	9	3	*	*	0
March 2034	73	8	1	*	*	28	6	2	*	*	0
March 2035	70	5	1	*	*	19	3	1	*	*	0
March 2036	66	2	*	*	*	11	1	*	*	*	0
March 2037	63	0	0	0	0	6	*	*	*	0	0
March 2038	59	0	0	0	0	2	*	*	*	0	0
March 2039	56	0	0	0	0	*	0	0	0	0	0
March 2040	52	0	0	0	0	0	0	0	0	0	0
March 2041	47	0	0	0	0	0	0	0	0	0	0
March 2042	43	0	0	0	0	0	0	0	0	0	0
March 2043	38	0	0	0	0	0	0	0	0	0	0
March 2044	32	0	0	0	0	0	0	0	0	0	0
March 2045	27	0	0	0	0	0	0	0	0	0	0
March 2046	21	0	0	0	0	0	0	0	0	0	0
March 2047	14	0	0	0	0	0	0	0	0	0	0
March 2048	7	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	7.0	4.1	2.5	1.5	11.3	6.9	4.7	2.5	1.5	0.8

Date	IA† Class						IB† Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	230%	500%	800%	1200%	0%	100%	230%	500%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	90	82	67	50	27	98	91	84	68	50	27
March 2021	94	81	68	45	25	7	96	83	70	46	25	7
March 2022	91	72	55	30	12	2	93	75	58	31	13	2
March 2023	87	63	45	19	6	*	90	67	47	21	6	1
March 2024	83	56	36	13	3	*	86	60	39	14	3	*
March 2025	79	48	29	8	1	*	83	53	32	9	2	*
March 2026	74	41	23	5	1	*	79	47	25	6	1	*
March 2027	69	35	17	3	*	*	74	41	20	4	*	*
March 2028	64	29	13	2	*	*	70	35	16	2	*	*
March 2029	58	23	10	1	*	*	65	30	13	2	*	*
March 2030	52	18	7	1	*	*	59	25	10	1	*	*
March 2031	45	13	5	*	*	*	53	20	7	1	*	0
March 2032	37	8	3	*	*	0	46	16	5	*	*	0
March 2033	29	5	1	*	*	0	39	11	3	*	*	0
March 2034	21	2	1	*	*	0	31	8	2	*	*	0
March 2035	12	*	*	*	*	0	23	5	1	*	*	0
March 2036	6	*	*	*	0	0	14	2	*	*	*	0
March 2037	1	0	0	0	0	0	8	1	*	*	0	0
March 2038	0	0	0	0	0	0	3	*	*	*	0	0
March 2039	0	0	0	0	0	0	*	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	10.5	6.4	4.5	2.4	1.5	0.8	11.6	7.2	4.8	2.5	1.5	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.

Date	FA and SA† Classes							PE and IP† Classes						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	165%	200%	300%	600%	1200%	0%	100%	165%	200%	300%	600%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	99	96	94	93	91	83	66	98	94	92	92	92	92	79
March 2021	98	90	85	83	76	56	25	96	86	80	80	80	67	29
March 2022	97	83	75	72	61	36	7	94	77	68	68	68	42	7
March 2023	96	77	67	62	49	22	2	92	69	57	57	57	26	1
March 2024	95	71	59	53	40	14	1	89	61	47	47	47	16	0
March 2025	93	65	52	46	32	9	*	87	53	37	37	37	10	0
March 2026	92	60	46	40	26	6	*	84	46	30	30	30	6	0
March 2027	90	55	41	34	20	3	*	81	39	24	24	24	3	0
March 2028	89	51	36	29	16	2	*	78	32	19	19	19	2	0
March 2029	87	46	31	25	13	1	*	75	26	15	15	15	1	0
March 2030	85	42	27	21	10	1	*	71	20	12	12	12	*	0
March 2031	83	38	24	18	8	1	*	67	14	9	9	9	0	0
March 2032	80	35	21	16	7	*	*	63	9	7	7	7	0	0
March 2033	78	31	18	13	5	*	*	59	5	5	5	5	0	0
March 2034	75	28	15	11	4	*	*	55	4	4	4	4	0	0
March 2035	73	25	13	9	3	*	0	50	3	3	3	3	0	0
March 2036	70	23	11	8	2	*	0	45	2	2	2	2	0	0
March 2037	66	20	10	6	2	*	0	39	1	1	1	1	0	0
March 2038	63	18	8	5	1	*	0	33	1	1	1	1	0	0
March 2039	59	15	7	4	1	*	0	27	*	*	*	*	0	0
March 2040	55	13	6	3	1	*	0	20	*	*	*	*	0	0
March 2041	50	11	5	3	1	*	0	13	0	0	0	0	0	0
March 2042	46	9	4	2	*	*	0	6	0	0	0	0	0	0
March 2043	40	8	3	2	*	*	0	0	0	0	0	0	0	0
March 2044	35	6	2	1	*	*	0	0	0	0	0	0	0	0
March 2045	29	4	1	1	*	*	0	0	0	0	0	0	0	0
March 2046	22	3	1	1	*	*	0	0	0	0	0	0	0	0
March 2047	16	2	*	*	*	*	0	0	0	0	0	0	0	0
March 2048	8	*	*	*	*	*	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.2	10.8	8.2	7.2	5.2	2.9	1.5	14.7	7.0	5.7	5.7	5.7	3.2	1.7

Date	PY Class							PZ Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	165%	200%	300%	600%	1200%	0%	100%	165%	200%	300%	600%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	100	104	104	104	98	82	31	0
March 2021	100	100	100	100	100	100	100	108	108	108	93	50	0	0
March 2022	100	100	100	100	100	100	100	113	113	113	88	23	0	0
March 2023	100	100	100	100	100	100	100	117	117	117	87	8	0	0
March 2024	100	100	100	100	100	100	73	122	122	122	87	1	0	0
March 2025	100	100	100	100	100	100	20	127	127	127	89	*	0	0
March 2026	100	100	100	100	100	100	5	132	132	127	88	*	0	0
March 2027	100	100	100	100	100	100	1	138	138	125	85	*	0	0
March 2028	100	100	100	100	100	100	*	143	143	120	80	*	0	0
March 2029	100	100	100	100	100	100	*	149	149	113	75	*	0	0
March 2030	100	100	100	100	100	100	*	155	155	105	69	*	0	0
March 2031	100	100	100	100	100	72	*	161	161	97	62	*	0	0
March 2032	100	100	100	100	100	45	*	168	168	88	56	*	0	0
March 2033	100	100	100	100	100	28	*	175	164	80	50	*	0	0
March 2034	100	100	100	100	100	17	*	182	151	71	44	*	0	0
March 2035	100	100	100	100	100	10	*	189	138	63	38	*	0	0
March 2036	100	100	100	100	100	6	*	197	125	55	33	*	0	0
March 2037	100	100	100	100	100	4	*	205	113	48	28	*	0	0
March 2038	100	100	100	100	100	2	0	214	100	41	24	*	0	0
March 2039	100	100	100	100	100	1	0	222	88	35	20	*	0	0
March 2040	100	100	100	100	100	1	0	231	77	30	16	*	0	0
March 2041	100	86	86	86	86	*	0	241	66	24	13	*	0	0
March 2042	100	62	62	62	62	*	0	251	55	20	11	*	0	0
March 2043	44	44	44	44	44	*	0	250	45	16	8	*	0	0
March 2044	30	30	30	30	30	*	0	216	35	12	6	*	0	0
March 2045	19	19	19	19	19	*	0	179	26	8	4	*	0	0
March 2046	11	11	11	11	11	*	0	139	18	5	3	*	0	0
March 2047	5	5	5	5	5	*	0	96	10	3	1	*	0	0
March 2048	1	1	1	1	1	*	0	50	2	1	*	*	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	24.8	24.1	24.1	24.1	24.1	13.4	5.6	27.2	20.6	16.6	13.9	2.2	0.8	0.4

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

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

Date	LE and IL† Classes						LZ Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	218%	400%	800%	1200%	0%	100%	218%	400%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	98	90	82	69	40	10	104	104	104	104	104	104
March 2021	97	80	64	42	3	0	108	108	108	108	108	59
March 2022	95	71	49	22	0	0	113	113	113	113	91	16
March 2023	93	62	37	7	0	0	117	117	117	117	46	4
March 2024	91	54	26	0	0	0	122	122	122	122	24	1
March 2025	89	47	16	0	0	0	127	127	127	110	12	*
March 2026	87	40	8	0	0	0	132	132	132	81	6	*
March 2027	85	33	1	0	0	0	138	138	138	60	3	*
March 2028	82	27	0	0	0	0	143	143	143	44	2	*
March 2029	79	21	0	0	0	0	149	149	122	32	1	*
March 2030	76	16	0	0	0	0	155	155	102	24	*	*
March 2031	73	11	0	0	0	0	161	161	85	17	*	*
March 2032	70	6	0	0	0	0	167	167	71	13	*	*
March 2033	67	1	0	0	0	0	167	167	59	9	*	*
March 2034	63	0	0	0	0	0	167	155	48	7	*	*
March 2035	59	0	0	0	0	0	167	137	39	5	*	0
March 2036	54	0	0	0	0	0	167	120	32	3	*	0
March 2037	50	0	0	0	0	0	167	105	26	2	*	0
March 2038	45	0	0	0	0	0	167	91	21	2	*	0
March 2039	40	0	0	0	0	0	167	77	16	1	*	0
March 2040	34	0	0	0	0	0	167	65	13	1	*	0
March 2041	28	0	0	0	0	0	167	53	10	1	*	0
March 2042	22	0	0	0	0	0	167	43	7	*	*	0
March 2043	15	0	0	0	0	0	167	33	5	*	*	0
March 2044	8	0	0	0	0	0	167	24	3	*	*	0
March 2045	*	0	0	0	0	0	167	15	2	*	*	0
March 2046	0	0	0	0	0	0	131	7	1	*	0	0
March 2047	0	0	0	0	0	0	90	0	0	0	0	0
March 2048	0	0	0	0	0	0	46	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	16.6	6.1	3.4	1.9	0.9	0.6	28.1	20.1	14.1	8.8	4.2	2.3

Date	VA Class						LY Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	218%	400%	800%	1200%	0%	100%	218%	400%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	94	94	94	94	94	94	100	100	100	100	100	100
March 2021	88	88	88	88	88	0	100	100	100	100	100	35
March 2022	81	81	81	81	0	0	100	100	100	100	55	10
March 2023	74	74	74	74	0	0	100	100	100	100	28	3
March 2024	67	67	67	40	0	0	100	100	100	89	14	1
March 2025	60	60	60	0	0	0	100	100	100	66	7	*
March 2026	52	52	52	0	0	0	100	100	100	49	4	*
March 2027	44	44	44	0	0	0	100	100	100	36	2	*
March 2028	35	35	4	0	0	0	100	100	87	26	1	*
March 2029	27	27	0	0	0	0	100	100	73	19	*	*
March 2030	18	18	0	0	0	0	100	100	61	14	*	*
March 2031	8	8	0	0	0	0	100	100	51	10	*	*
March 2032	0	0	0	0	0	0	100	100	42	8	*	*
March 2033	0	0	0	0	0	0	100	100	35	5	*	*
March 2034	0	0	0	0	0	0	100	93	29	4	*	*
March 2035	0	0	0	0	0	0	100	82	24	3	*	0
March 2036	0	0	0	0	0	0	100	72	19	2	*	0
March 2037	0	0	0	0	0	0	100	63	15	1	*	0
March 2038	0	0	0	0	0	0	100	54	12	1	*	0
March 2039	0	0	0	0	0	0	100	46	10	1	*	0
March 2040	0	0	0	0	0	0	100	39	8	*	*	0
March 2041	0	0	0	0	0	0	100	32	6	*	*	0
March 2042	0	0	0	0	0	0	100	26	4	*	*	0
March 2043	0	0	0	0	0	0	100	20	3	*	*	0
March 2044	0	0	0	0	0	0	100	14	2	*	*	0
March 2045	0	0	0	0	0	0	100	9	1	*	*	0
March 2046	0	0	0	0	0	0	78	4	1	*	0	0
March 2047	0	0	0	0	0	0	54	0	0	0	0	0
March 2048	0	0	0	0	0	0	28	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	7.0	7.0	6.2	4.3	2.2	1.3	28.1	20.1	13.4	7.9	3.6	2.0

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FG and SG† Classes						
PSA Prepayment Assumption						
Date	0%	100%	300%	600%	1200%	1700%
Initial Percent	100	100	100	100	100	100
March 2020	99	91	80	62	27	0
March 2021	99	83	63	39	7	0
March 2022	98	75	50	24	2	0
March 2023	97	68	39	15	1	0
March 2024	96	61	31	9	*	0
March 2025	95	55	24	5	*	0
March 2026	94	49	19	3	*	0
March 2027	92	43	14	2	*	0
March 2028	91	37	11	1	*	0
March 2029	89	32	8	1	*	0
March 2030	88	27	6	*	*	0
March 2031	86	23	4	*	*	0
March 2032	84	18	3	*	*	0
March 2033	82	14	2	*	0	0
March 2034	79	10	1	*	0	0
March 2035	77	7	1	*	0	0
March 2036	74	3	*	*	0	0
March 2037	71	0	0	0	0	0
March 2038	67	0	0	0	0	0
March 2039	64	0	0	0	0	0
March 2040	59	0	0	0	0	0
March 2041	55	0	0	0	0	0
March 2042	50	0	0	0	0	0
March 2043	45	0	0	0	0	0
March 2044	39	0	0	0	0	0
March 2045	32	0	0	0	0	0
March 2046	25	0	0	0	0	0
March 2047	18	0	0	0	0	0
March 2048	9	0	0	0	0	0
March 2049	0	0	0	0	0	0
Weighted Average Life (years)**	21.1	7.5	4.1	2.1	0.8	0.1

MH and MI† Classes														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	94	93	92	92	92	92	92	92	92	92	92	92	92
March 2021	93	84	82	80	80	80	80	80	80	80	80	80	68	27
March 2022	90	73	68	66	66	66	66	66	66	66	66	66	31	1
March 2023	86	62	56	52	52	52	52	52	52	52	52	52	14	0
March 2024	82	52	44	39	39	39	39	39	39	39	39	39	6	0
March 2025	78	42	33	29	29	29	29	29	29	29	29	29	3	0
March 2026	74	32	22	21	21	21	21	21	21	21	21	21	1	0
March 2027	69	23	15	15	15	15	15	15	15	15	15	15	*	0
March 2028	64	14	11	11	11	11	11	11	11	11	11	11	0	0
March 2029	59	8	8	8	8	8	8	8	8	8	8	8	0	0
March 2030	53	6	6	6	6	6	6	6	6	6	6	6	0	0
March 2031	47	4	4	4	4	4	4	4	4	4	4	4	0	0
March 2032	41	3	3	3	3	3	3	3	3	3	3	3	0	0
March 2033	34	2	2	2	2	2	2	2	2	2	2	2	0	0
March 2034	27	1	1	1	1	1	1	1	1	1	1	1	0	0
March 2035	20	1	1	1	1	1	1	1	1	1	1	1	0	0
March 2036	12	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2037	4	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	10.8	5.5	5.0	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	2.7	1.7

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MZ Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	105	105	105	105	105	105	105	105	105	105	105	105	105	105
March 2021	109	109	109	109	109	109	109	109	109	109	109	109	109	109
March 2022	114	114	114	114	114	114	114	114	114	114	114	114	114	114
March 2023	120	120	120	120	120	120	120	120	120	120	120	120	120	25
March 2024	125	125	125	125	125	125	125	125	125	125	125	125	125	1
March 2025	131	131	131	131	131	131	131	131	131	131	131	131	131	*
March 2026	137	137	137	137	137	137	137	137	137	137	137	137	137	*
March 2027	143	143	143	143	143	143	143	143	143	143	143	143	143	*
March 2028	150	150	150	150	150	150	150	150	150	150	150	150	150	*
March 2029	157	157	157	157	157	157	157	157	157	157	157	157	62	0
March 2030	164	164	164	164	164	164	164	164	164	164	164	164	28	0
March 2031	171	171	171	171	171	171	171	171	171	171	171	171	12	0
March 2032	179	179	179	179	179	179	179	179	179	179	179	179	5	0
March 2033	188	188	188	188	188	188	188	188	188	188	188	188	2	0
March 2034	196	196	196	196	196	196	196	196	196	196	196	196	1	0
March 2035	205	205	205	205	205	205	205	205	205	205	205	205	*	0
March 2036	215	215	215	215	215	215	215	215	215	215	215	215	*	0
March 2037	224	224	224	224	224	224	224	224	224	224	224	224	*	0
March 2038	205	205	205	205	205	205	205	205	205	205	205	205	*	0
March 2039	141	141	141	141	141	141	141	141	141	141	141	141	*	0
March 2040	96	96	96	96	96	96	96	96	96	96	96	96	*	0
March 2041	65	65	65	65	65	65	65	65	65	65	65	65	*	0
March 2042	43	43	43	43	43	43	43	43	43	43	43	43	*	0
March 2043	27	27	27	27	27	27	27	27	27	27	27	27	*	0
March 2044	17	17	17	17	17	17	17	17	17	17	17	17	*	0
March 2045	10	10	10	10	10	10	10	10	10	10	10	10	*	0
March 2046	5	5	5	5	5	5	5	5	5	5	5	5	*	0
March 2047	2	2	2	2	2	2	2	2	2	2	2	2	*	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	*	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	10.2	3.9

UA Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2021	100	100	100	100	100	100	100	100	100	100	100	100	0	0
March 2022	100	100	100	100	100	100	100	100	100	100	100	100	0	0
March 2023	99	99	99	99	99	99	99	99	99	99	99	99	0	0
March 2024	99	99	99	99	99	99	99	99	99	99	99	17	0	0
March 2025	99	99	99	92	92	92	92	92	92	92	92	0	0	0
March 2026	99	99	99	80	80	80	80	80	80	80	80	0	0	0
March 2027	99	99	67	67	67	67	67	67	67	67	67	0	0	0
March 2028	98	98	55	55	55	55	55	55	55	55	55	0	0	0
March 2029	98	44	44	44	44	44	44	44	44	44	44	0	0	0
March 2030	98	35	35	35	35	35	35	35	35	35	35	0	0	0
March 2031	98	27	27	27	27	27	27	27	27	27	27	0	0	0
March 2032	98	20	20	20	20	20	20	20	20	20	20	0	0	0
March 2033	97	14	14	14	14	14	14	14	14	14	14	0	0	0
March 2034	97	10	10	10	10	10	10	10	10	10	10	0	0	0
March 2035	97	6	6	6	6	6	6	6	6	6	6	0	0	0
March 2036	96	3	3	3	3	3	3	3	3	3	3	0	0	0
March 2037	96	*	*	*	*	*	*	*	*	*	*	0	0	0
March 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	18.1	11.1	10.3	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	4.9	1.7	1.1

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UZ Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	105	105	105	105	103	101	98	87	87	87	86	86	53	3
March 2021	109	109	109	109	105	99	89	58	58	56	54	53	0	0
March 2022	114	114	114	114	107	96	78	29	29	25	22	22	0	0
March 2023	120	120	120	120	110	95	72	14	13	9	5	5	0	0
March 2024	125	125	125	125	113	96	71	8	8	4	*	0	0	0
March 2025	131	131	131	128	115	97	70	8	7	3	*	0	0	0
March 2026	137	137	137	127	113	94	66	7	6	3	*	0	0	0
March 2027	143	143	136	122	107	88	60	6	5	3	*	0	0	0
March 2028	150	150	129	114	100	81	54	5	5	2	*	0	0	0
March 2029	157	149	120	106	92	73	48	4	4	2	*	0	0	0
March 2030	164	140	111	97	83	65	42	3	3	1	*	0	0	0
March 2031	171	131	102	88	75	57	36	3	2	1	*	0	0	0
March 2032	179	121	92	79	66	50	30	2	2	1	*	0	0	0
March 2033	188	111	83	71	58	44	26	2	2	1	*	0	0	0
March 2034	196	101	74	62	51	38	22	1	1	1	*	0	0	0
March 2035	205	91	66	55	44	32	18	1	1	*	*	0	0	0
March 2036	215	82	58	48	38	27	15	1	1	*	*	0	0	0
March 2037	224	73	51	41	33	23	12	1	1	*	*	0	0	0
March 2038	221	64	44	36	28	19	10	*	*	*	*	0	0	0
March 2039	208	56	38	30	23	16	8	*	*	*	*	0	0	0
March 2040	193	49	32	25	19	13	6	*	*	*	*	0	0	0
March 2041	177	42	27	21	16	10	5	*	*	*	*	0	0	0
March 2042	160	35	22	17	13	8	4	*	*	*	*	0	0	0
March 2043	142	29	18	14	10	6	3	*	*	*	*	0	0	0
March 2044	122	23	14	10	8	5	2	*	*	*	*	0	0	0
March 2045	101	17	10	8	6	3	1	*	*	*	*	0	0	0
March 2046	78	12	7	5	4	2	1	*	*	*	*	0	0	0
March 2047	54	7	4	3	2	1	*	*	*	*	*	0	0	0
March 2048	28	3	2	1	1	*	*	*	*	*	*	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	25.0	18.3	16.5	15.7	15.1	13.6	9.9	2.9	2.9	2.5	2.2	2.2	1.0	0.6

ZM Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	105	105	105	105	105	105	105	105	105	105	105	105	105	105
March 2021	109	109	109	109	109	109	109	109	109	109	109	109	0	0
March 2022	114	114	114	114	114	114	114	114	114	114	114	114	0	0
March 2023	120	120	120	120	120	120	120	120	120	120	120	120	0	0
March 2024	125	125	125	125	125	125	125	125	125	125	125	125	0	0
March 2025	131	131	131	131	131	131	131	131	131	131	131	61	0	0
March 2026	137	137	137	137	137	137	137	137	137	137	137	61	0	0
March 2027	143	143	143	143	143	143	143	143	143	143	143	61	0	0
March 2028	150	150	150	150	150	150	150	150	150	150	150	61	0	0
March 2029	157	157	157	157	157	157	157	157	157	157	157	61	0	0
March 2030	164	164	164	164	164	164	164	164	164	164	164	61	0	0
March 2031	171	171	171	171	171	171	171	171	171	171	171	61	0	0
March 2032	179	179	179	179	179	179	179	179	179	179	179	61	0	0
March 2033	188	188	188	188	188	188	188	188	188	188	188	61	0	0
March 2034	196	196	196	196	196	196	196	196	196	196	196	61	0	0
March 2035	205	205	205	205	205	205	205	205	205	205	205	61	0	0
March 2036	215	215	215	215	215	215	215	215	215	215	215	61	0	0
March 2037	224	224	224	224	224	224	224	224	224	224	224	61	0	0
March 2038	184	184	184	184	184	184	184	184	184	184	184	61	0	0
March 2039	143	143	143	143	143	143	143	143	143	143	143	61	0	0
March 2040	112	112	112	112	112	112	112	112	112	112	112	61	0	0
March 2041	89	89	89	89	89	89	89	89	89	89	89	61	0	0
March 2042	71	71	71	71	71	71	71	71	71	71	71	61	0	0
March 2043	57	57	57	57	57	57	57	57	57	57	57	61	0	0
March 2044	47	47	47	47	47	47	47	47	47	47	47	61	0	0
March 2045	39	39	39	39	39	39	39	39	39	39	39	61	0	0
March 2046	33	33	33	33	33	33	33	33	33	33	33	61	0	0
March 2047	29	29	29	29	29	29	29	29	29	29	29	61	0	0
March 2048	7	7	7	7	7	7	7	7	7	7	7	43	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	16.8	1.7	1.1

* 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.

BC, BI† and BA Classes														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	98	94	93	92	92	92	92	92	92	92	92	92	82	56
March 2021	96	85	82	80	80	80	80	76	76	75	74	74	38	0
March 2022	94	76	71	69	69	69	69	55	54	53	52	52	13	0
March 2023	92	67	61	58	58	58	58	39	39	37	36	36	1	0
March 2024	89	59	52	48	48	48	48	27	27	25	24	24	0	0
March 2025	87	51	43	39	39	39	39	18	18	16	15	15	0	0
March 2026	84	44	35	31	31	31	31	11	11	10	9	9	0	0
March 2027	81	37	28	24	24	24	24	6	6	5	4	4	0	0
March 2028	78	30	21	18	18	18	18	2	2	1	1	1	0	0
March 2029	74	24	14	14	14	14	14	0	0	0	0	0	0	0
March 2030	71	18	10	10	10	10	10	0	0	0	0	0	0	0
March 2031	67	12	7	7	7	7	7	0	0	0	0	0	0	0
March 2032	63	7	4	4	4	4	4	0	0	0	0	0	0	0
March 2033	59	2	2	2	2	2	2	0	0	0	0	0	0	0
March 2034	54	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2035	50	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2036	45	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2037	39	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2038	33	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2039	27	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2040	21	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	14	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	6	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	14.7	6.6	5.7	5.5	5.5	5.5	5.5	3.8	3.8	3.7	3.6	3.6	1.9	1.1

BY Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2021	100	100	100	100	100	100	100	100	100	100	100	100	100	95
March 2022	100	100	100	100	100	100	100	100	100	100	100	100	100	4
March 2023	100	100	100	100	100	100	100	100	100	100	100	100	100	*
March 2024	100	100	100	100	100	100	100	100	100	100	100	100	52	*
March 2025	100	100	100	100	100	100	100	100	100	100	100	100	23	*
March 2026	100	100	100	100	100	100	100	100	100	100	100	100	11	*
March 2027	100	100	100	100	100	100	100	100	100	100	100	100	5	0
March 2028	100	100	100	100	100	100	100	100	100	100	100	100	2	0
March 2029	100	100	100	100	100	100	100	95	94	86	80	79	1	0
March 2030	100	100	100	100	100	100	100	70	69	63	57	57	*	0
March 2031	100	100	100	100	100	100	100	51	51	46	41	41	*	0
March 2032	100	100	100	100	100	100	100	38	37	33	30	29	*	0
March 2033	100	100	100	100	100	100	100	27	27	24	21	21	*	0
March 2034	100	98	98	98	98	98	98	20	20	17	15	15	*	0
March 2035	100	80	80	80	80	80	80	14	14	12	11	11	*	0
March 2036	100	64	64	64	64	64	64	10	10	9	8	7	*	0
March 2037	100	51	51	51	51	51	51	7	7	6	5	5	*	0
March 2038	100	40	40	40	40	40	40	5	5	4	4	4	*	0
March 2039	100	32	32	32	32	32	32	4	4	3	3	2	*	0
March 2040	100	25	25	25	25	25	25	3	3	2	2	2	*	0
March 2041	100	19	19	19	19	19	19	2	2	1	1	1	*	0
March 2042	100	14	14	14	14	14	14	1	1	1	1	1	*	0
March 2043	79	10	10	10	10	10	10	1	1	1	*	*	*	0
March 2044	7	7	7	7	7	7	7	*	*	*	*	*	*	0
March 2045	5	5	5	5	5	5	5	*	*	*	*	*	*	0
March 2046	3	3	3	3	3	3	3	*	*	*	*	*	*	0
March 2047	1	1	1	1	1	1	1	*	*	*	*	*	*	0
March 2048	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	24.5	19.0	19.0	19.0	19.0	19.0	19.0	13.0	13.0	12.6	12.3	12.3	5.5	2.3

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

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

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

BZ Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	104	104	104	104	100	93	82	49	48	46	43	43	0	0
March 2021	108	108	108	108	97	80	52	0	0	0	0	0	0	0
March 2022	113	113	113	113	95	69	27	0	0	0	0	0	0	0
March 2023	117	117	117	117	95	62	11	0	0	0	0	0	0	0
March 2024	122	122	122	122	96	59	2	0	0	0	0	0	0	0
March 2025	127	127	127	127	99	59	*	0	0	0	0	0	0	0
March 2026	132	132	132	130	100	59	*	0	0	0	0	0	0	0
March 2027	138	138	138	130	99	58	*	0	0	0	0	0	0	0
March 2028	143	143	143	126	96	55	*	0	0	0	0	0	0	0
March 2029	149	149	149	121	91	52	*	0	0	0	0	0	0	0
March 2030	155	155	144	115	86	48	*	0	0	0	0	0	0	0
March 2031	161	161	136	108	80	44	*	0	0	0	0	0	0	0
March 2032	168	168	127	100	73	40	*	0	0	0	0	0	0	0
March 2033	175	174	117	91	67	36	*	0	0	0	0	0	0	0
March 2034	182	162	107	83	60	32	*	0	0	0	0	0	0	0
March 2035	189	149	97	75	53	28	*	0	0	0	0	0	0	0
March 2036	197	136	88	67	47	25	*	0	0	0	0	0	0	0
March 2037	205	123	78	59	41	21	*	0	0	0	0	0	0	0
March 2038	214	110	69	51	36	18	*	0	0	0	0	0	0	0
March 2039	222	97	60	44	31	15	*	0	0	0	0	0	0	0
March 2040	231	84	51	38	26	13	*	0	0	0	0	0	0	0
March 2041	241	72	43	31	21	10	*	0	0	0	0	0	0	0
March 2042	251	61	36	26	17	8	*	0	0	0	0	0	0	0
March 2043	261	50	29	20	14	7	*	0	0	0	0	0	0	0
March 2044	255	39	22	16	10	5	*	0	0	0	0	0	0	0
March 2045	212	29	16	11	7	3	*	0	0	0	0	0	0	0
March 2046	165	19	11	7	5	2	*	0	0	0	0	0	0	0
March 2047	114	10	5	4	2	1	*	0	0	0	0	0	0	0
March 2048	59	1	1	1	*	*	*	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	27.6	21.1	18.8	17.7	16.3	10.5	2.3	1.0	1.0	0.9	0.9	0.9	0.4	0.2

FB and SB [†] Classes														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	99	96	95	94	94	93	91	87	87	87	86	86	73	52
March 2021	98	89	87	85	84	82	78	68	68	67	66	66	37	6
March 2022	97	82	78	76	74	71	65	51	50	49	48	48	17	*
March 2023	95	76	71	68	65	61	54	38	38	36	35	35	8	*
March 2024	94	70	64	61	57	53	45	28	28	27	26	26	3	*
March 2025	93	64	58	54	50	45	38	21	21	20	19	19	2	*
March 2026	91	59	52	48	44	39	31	16	15	15	14	14	1	0
March 2027	89	54	47	43	39	33	26	11	11	11	10	10	*	0
March 2028	88	50	42	38	34	29	21	8	8	8	7	7	*	0
March 2029	86	45	37	33	30	24	18	6	6	6	5	5	*	0
March 2030	84	41	33	30	26	21	15	5	5	4	4	4	*	0
March 2031	82	37	30	26	22	18	12	3	3	3	3	3	*	0
March 2032	79	34	26	23	19	15	10	2	2	2	2	2	*	0
March 2033	77	31	23	20	17	13	8	2	2	2	1	1	*	0
March 2034	74	27	20	17	14	11	6	1	1	1	1	1	*	0
March 2035	71	25	18	15	12	9	5	1	1	1	1	1	*	0
March 2036	68	22	16	13	10	7	4	1	1	1	1	*	*	0
March 2037	65	19	13	11	9	6	3	*	*	*	*	*	*	0
March 2038	61	17	12	9	7	5	3	*	*	*	*	*	*	0
March 2039	57	15	10	8	6	4	2	*	*	*	*	*	*	0
March 2040	53	13	8	7	5	3	2	*	*	*	*	*	*	0
March 2041	49	11	7	5	4	3	1	*	*	*	*	*	*	0
March 2042	44	9	6	4	3	2	1	*	*	*	*	*	*	0
March 2043	39	7	4	3	2	2	1	*	*	*	*	*	0	0
March 2044	34	6	3	3	2	1	*	*	*	*	*	*	0	0
March 2045	28	4	2	2	1	1	*	*	*	*	*	*	0	0
March 2046	22	3	2	1	1	*	*	*	*	*	*	*	0	0
March 2047	15	1	1	1	*	*	*	*	*	*	*	*	0	0
March 2048	8	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	19.9	10.6	9.2	8.5	7.9	7.0	6.0	4.0	4.0	3.9	3.8	3.8	1.9	1.1

* 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.

PK and PI† Classes														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	94	93	92	92	92	92	92	92	92	92	92	92	91
March 2021	93	84	81	80	78	78	78	78	78	78	78	78	62	18
March 2022	90	72	67	64	61	61	61	61	61	61	61	61	19	0
March 2023	86	60	53	49	45	45	45	45	45	45	44	44	0	0
March 2024	82	49	40	36	31	31	31	31	31	29	28	28	0	0
March 2025	78	38	29	24	19	19	19	19	19	17	16	16	0	0
March 2026	74	28	18	12	10	10	10	10	10	8	7	7	0	0
March 2027	69	19	7	3	3	3	3	3	3	1	*	*	0	0
March 2028	64	9	0	0	0	0	0	0	0	0	0	0	0	0
March 2029	59	1	0	0	0	0	0	0	0	0	0	0	0	0
March 2030	54	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2031	48	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2032	42	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2033	35	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2034	29	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2035	21	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2036	14	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2037	6	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	92	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	10.9	5.1	4.4	4.1	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8	2.3	1.6

YP Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2021	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2022	100	100	100	100	100	100	100	100	100	100	100	100	100	10
March 2023	100	100	100	100	100	100	100	100	100	100	100	100	97	*
March 2024	100	100	100	100	100	100	100	100	100	100	100	100	44	*
March 2025	100	100	100	100	100	100	100	100	100	100	100	100	20	*
March 2026	100	100	100	100	100	100	100	100	100	100	100	100	9	*
March 2027	100	100	100	100	100	100	100	100	100	100	100	100	4	0
March 2028	100	100	87	86	86	86	86	86	86	79	74	74	2	0
March 2029	100	100	63	63	63	63	63	63	63	58	54	53	1	0
March 2030	100	53	47	47	47	47	47	47	47	42	39	39	*	0
March 2031	100	34	34	34	34	34	34	34	34	31	28	28	*	0
March 2032	100	25	25	25	25	25	25	25	25	22	20	20	*	0
March 2033	100	18	18	18	18	18	18	18	18	16	14	14	*	0
March 2034	100	13	13	13	13	13	13	13	13	12	10	10	*	0
March 2035	100	10	10	10	10	10	10	10	10	8	7	7	*	0
March 2036	100	7	7	7	7	7	7	7	7	6	5	5	*	0
March 2037	100	5	5	5	5	5	5	5	5	4	4	4	*	0
March 2038	84	4	4	4	4	4	4	4	4	3	3	2	*	0
March 2039	31	2	2	2	2	2	2	2	2	2	2	2	*	0
March 2040	2	2	2	2	2	2	2	2	2	1	1	1	*	0
March 2041	1	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2042	1	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2043	1	1	1	1	1	1	1	1	1	*	*	*	*	0
March 2044	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2045	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2046	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2047	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2048	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	19.7	12.3	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.4	11.1	11.1	5.2	2.6

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

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

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

PH and IH [†] Classes														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	95	94	93	93	93	93	93	93	93	93	93	93	93
March 2021	94	86	84	83	81	81	81	81	81	81	81	81	67	30
March 2022	91	76	71	69	66	66	66	66	66	66	66	66	31	1
March 2023	88	66	60	57	53	53	53	53	53	53	52	52	14	0
March 2024	85	56	49	45	41	41	41	41	41	39	38	38	6	0
March 2025	81	47	39	34	30	30	30	30	30	29	28	28	3	0
March 2026	78	39	29	25	22	22	22	22	22	21	20	20	1	0
March 2027	74	30	21	17	17	17	17	17	17	16	15	15	*	0
March 2028	69	22	12	12	12	12	12	12	12	11	11	10	*	0
March 2029	65	15	9	9	9	9	9	9	9	8	8	8	0	0
March 2030	60	8	7	7	7	7	7	7	7	6	5	5	0	0
March 2031	55	5	5	5	5	5	5	5	5	4	4	4	0	0
March 2032	50	3	3	3	3	3	3	3	3	3	3	3	0	0
March 2033	45	2	2	2	2	2	2	2	2	2	2	2	0	0
March 2034	39	2	2	2	2	2	2	2	2	1	1	1	0	0
March 2035	33	1	1	1	1	1	1	1	1	1	1	1	0	0
March 2036	26	1	1	1	1	1	1	1	1	1	*	*	0	0
March 2037	19	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2038	12	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2039	4	*	*	*	*	*	*	*	*	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	12.2	6.1	5.4	5.2	5.0	5.0	5.0	5.0	5.0	4.9	4.8	4.8	2.7	1.7

ZP Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	104	104	104	104	104	104	104	104	104	104	104	104	104	104
March 2021	108	108	108	108	108	108	108	108	108	108	108	108	108	108
March 2022	113	113	113	113	113	113	113	113	113	113	113	113	113	113
March 2023	117	117	117	117	117	117	117	117	117	117	117	117	117	42
March 2024	122	122	122	122	122	122	122	122	122	122	122	122	122	2
March 2025	127	127	127	127	127	127	127	127	127	127	127	127	127	*
March 2026	132	132	132	132	132	132	132	132	132	132	132	132	132	*
March 2027	138	138	138	138	138	138	138	138	138	138	138	138	138	*
March 2028	143	143	143	143	143	143	143	143	143	143	143	143	143	*
March 2029	149	149	149	149	149	149	149	149	149	149	149	149	84	0
March 2030	155	155	155	155	155	155	155	155	155	155	155	155	37	0
March 2031	161	161	161	161	161	161	161	161	161	161	161	161	17	0
March 2032	168	168	168	168	168	168	168	168	168	168	168	168	7	0
March 2033	175	175	175	175	175	175	175	175	175	175	175	175	3	0
March 2034	182	182	182	182	182	182	182	182	182	182	182	182	1	0
March 2035	189	189	189	189	189	189	189	189	189	189	189	189	1	0
March 2036	197	197	197	197	197	197	197	197	197	197	197	197	*	0
March 2037	205	205	205	205	205	205	205	205	205	205	205	205	*	0
March 2038	214	214	214	214	214	214	214	214	214	214	214	214	*	0
March 2039	222	222	222	222	222	222	222	222	222	218	185	182	*	0
March 2040	182	182	182	182	182	182	182	182	182	151	127	125	*	0
March 2041	125	125	125	125	125	125	125	125	125	103	86	84	*	0
March 2042	85	85	85	85	85	85	85	85	85	69	57	56	*	0
March 2043	56	56	56	56	56	56	56	56	56	45	37	36	*	0
March 2044	36	36	36	36	36	36	36	36	36	29	23	23	*	0
March 2045	22	22	22	22	22	22	22	22	22	17	14	14	*	0
March 2046	13	13	13	13	13	13	13	13	13	10	8	8	*	0
March 2047	6	6	6	6	6	6	6	6	6	5	4	4	*	0
March 2048	2	2	2	2	2	2	2	2	2	2	1	1	*	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.4	22.0	22.0	10.6	4.0

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

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

UK Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	0
March 2021	100	100	100	100	100	100	100	100	100	100	100	100	0	0
March 2022	100	100	100	100	100	100	100	100	100	100	100	100	0	0
March 2023	100	100	100	100	100	100	100	100	100	100	100	0	0	0
March 2024	100	100	100	100	100	100	100	100	56	0	0	0	0	0
March 2025	100	100	100	100	94	94	94	94	0	0	0	0	0	0
March 2026	100	100	100	100	84	84	84	84	0	0	0	0	0	0
March 2027	99	99	99	73	73	73	73	73	0	0	0	0	0	0
March 2028	99	99	99	61	61	61	61	61	0	0	0	0	0	0
March 2029	99	99	51	51	51	51	51	51	0	0	0	0	0	0
March 2030	99	99	41	41	41	41	41	41	0	0	0	0	0	0
March 2031	99	33	33	33	33	33	33	33	0	0	0	0	0	0
March 2032	99	26	26	26	26	26	26	26	0	0	0	0	0	0
March 2033	99	20	20	20	20	20	20	20	0	0	0	0	0	0
March 2034	99	15	15	15	15	15	15	15	0	0	0	0	0	0
March 2035	99	11	11	11	11	11	11	11	0	0	0	0	0	0
March 2036	99	8	8	8	8	8	8	8	0	0	0	0	0	0
March 2037	98	5	5	5	5	5	5	5	0	0	0	0	0	0
March 2038	98	3	3	3	3	3	3	3	0	0	0	0	0	0
March 2039	98	1	1	1	1	1	1	1	0	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	20.4	12.5	11.4	11.0	10.8	10.8	10.8	10.8	5.1	4.2	3.8	3.8	1.6	1.0

KZ Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	104	104	104	104	104	104	104	104	104	104	104	104	104	0
March 2021	108	108	108	108	108	108	108	108	108	108	108	108	0	0
March 2022	113	113	113	113	113	113	113	113	113	113	113	113	0	0
March 2023	117	117	117	117	117	117	117	117	117	117	0	0	0	0
March 2024	122	122	122	122	122	122	122	122	122	0	0	0	0	0
March 2025	127	127	127	127	127	127	127	127	*	0	0	0	0	0
March 2026	132	132	132	132	132	132	132	132	*	0	0	0	0	0
March 2027	138	138	138	138	138	138	138	138	*	0	0	0	0	0
March 2028	143	143	143	143	143	143	143	143	*	0	0	0	0	0
March 2029	149	149	149	149	149	149	149	149	*	0	0	0	0	0
March 2030	155	155	155	155	155	155	155	155	*	0	0	0	0	0
March 2031	161	161	161	161	161	161	161	161	*	0	0	0	0	0
March 2032	168	168	168	168	168	168	168	168	*	0	0	0	0	0
March 2033	175	175	175	175	175	175	175	175	*	0	0	0	0	0
March 2034	182	182	182	182	182	182	182	182	*	0	0	0	0	0
March 2035	189	189	189	189	189	189	189	189	*	0	0	0	0	0
March 2036	197	197	197	197	197	197	197	197	*	0	0	0	0	0
March 2037	205	205	205	205	205	205	205	205	*	0	0	0	0	0
March 2038	214	214	214	214	214	214	214	214	*	0	0	0	0	0
March 2039	222	222	222	222	222	222	222	222	*	0	0	0	0	0
March 2040	226	226	226	226	226	226	226	226	*	0	0	0	0	0
March 2041	164	164	164	164	164	164	164	164	*	0	0	0	0	0
March 2042	116	116	116	116	116	116	116	116	*	0	0	0	0	0
March 2043	81	81	81	81	81	81	81	81	*	0	0	0	0	0
March 2044	54	54	54	54	54	54	54	54	*	0	0	0	0	0
March 2045	35	35	35	35	35	35	35	35	*	0	0	0	0	0
March 2046	21	21	21	21	21	21	21	21	*	0	0	0	0	0
March 2047	11	11	11	11	11	11	11	11	*	0	0	0	0	0
March 2048	4	4	4	4	4	4	4	4	*	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	5.3	4.2	3.8	3.8	1.6	1.0

* 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.

ZU Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	104	104	104	104	104	102	98	88	87	87	86	86	51	0
March 2021	108	108	108	108	108	101	90	57	56	54	51	51	0	0
March 2022	113	113	113	113	113	100	80	24	24	20	16	16	0	0
March 2023	117	117	117	117	117	101	75	7	6	1	0	0	0	0
March 2024	122	122	122	122	122	103	73	*	0	0	0	0	0	0
March 2025	127	127	127	127	125	104	72	*	0	0	0	0	0	0
March 2026	132	132	132	132	123	101	69	*	0	0	0	0	0	0
March 2027	138	138	138	135	118	95	64	*	0	0	0	0	0	0
March 2028	143	143	143	127	111	88	57	*	0	0	0	0	0	0
March 2029	149	149	135	119	102	80	51	*	0	0	0	0	0	0
March 2030	155	155	125	109	93	72	45	*	0	0	0	0	0	0
March 2031	161	148	115	99	83	64	39	*	0	0	0	0	0	0
March 2032	168	137	104	89	74	56	33	*	0	0	0	0	0	0
March 2033	175	126	94	80	66	49	28	*	0	0	0	0	0	0
March 2034	182	115	84	71	58	42	24	*	0	0	0	0	0	0
March 2035	189	104	75	62	50	36	20	*	0	0	0	0	0	0
March 2036	197	93	66	54	43	30	16	*	0	0	0	0	0	0
March 2037	205	83	58	47	37	26	13	*	0	0	0	0	0	0
March 2038	214	73	50	40	31	21	11	*	0	0	0	0	0	0
March 2039	222	64	43	34	26	18	9	*	0	0	0	0	0	0
March 2040	219	56	37	29	22	14	7	*	0	0	0	0	0	0
March 2041	201	48	31	24	18	12	5	*	0	0	0	0	0	0
March 2042	181	40	25	19	14	9	4	*	0	0	0	0	0	0
March 2043	160	33	20	15	11	7	3	*	0	0	0	0	0	0
March 2044	138	26	16	12	9	5	2	*	0	0	0	0	0	0
March 2045	114	20	12	9	6	4	2	*	0	0	0	0	0	0
March 2046	88	14	8	6	4	2	1	*	0	0	0	0	0	0
March 2047	61	9	5	4	2	1	1	*	0	0	0	0	0	0
March 2048	31	4	2	1	1	1	*	*	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	25.8	19.2	17.3	16.2	15.4	14.3	10.4	2.3	2.3	2.1	2.1	2.0	1.0	0.6

IK† Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	94	93	93	92	92	92	92	92	92	92	92	92	92
March 2021	94	85	83	81	80	80	80	80	80	80	80	80	65	24
March 2022	91	74	69	67	64	64	64	64	64	64	64	64	25	1
March 2023	87	63	57	53	49	49	49	49	49	49	48	48	7	0
March 2024	84	53	45	41	36	36	36	36	36	35	33	33	3	0
March 2025	80	43	34	29	25	25	25	25	25	23	22	22	1	0
March 2026	76	34	24	19	16	16	16	16	16	15	14	14	1	0
March 2027	71	25	14	10	10	10	10	10	10	9	8	8	*	0
March 2028	67	16	7	6	6	6	6	6	6	6	6	6	*	0
March 2029	62	8	5	5	5	5	5	5	5	4	4	4	0	0
March 2030	57	4	3	3	3	3	3	3	3	3	3	3	0	0
March 2031	52	3	3	3	3	3	3	3	3	2	2	2	0	0
March 2032	46	2	2	2	2	2	2	2	2	2	1	1	0	0
March 2033	40	1	1	1	1	1	1	1	1	1	1	1	0	0
March 2034	34	1	1	1	1	1	1	1	1	1	1	1	0	0
March 2035	27	1	1	1	1	1	1	1	1	1	*	*	0	0
March 2036	20	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2037	13	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2038	6	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2039	2	*	*	*	*	*	*	*	*	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	11.6	5.6	4.9	4.7	4.5	4.5	4.5	4.5	4.5	4.4	4.3	4.3	2.5	1.6

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

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

Date	KW Class													
	PSA Prepayment Assumption													
	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	99	93	93	92	92	92	30	0
March 2021	100	100	100	100	100	99	96	80	80	78	76	76	*	0
March 2022	100	100	100	100	100	97	92	59	59	56	53	52	0	0
March 2023	100	100	100	100	98	94	87	42	42	39	36	36	0	0
March 2024	100	100	100	98	96	92	77	30	30	27	24	24	0	0
March 2025	100	100	99	96	93	84	65	21	21	18	17	16	0	0
March 2026	100	100	96	93	87	75	55	15	15	13	12	12	0	0
March 2027	100	100	94	86	78	65	45	11	11	9	8	8	0	0
March 2028	100	97	86	78	68	55	38	8	8	7	6	6	0	0
March 2029	100	93	78	69	59	47	31	6	6	5	4	4	0	0
March 2030	100	86	69	59	51	39	25	4	4	3	3	3	0	0
March 2031	100	78	60	51	43	33	20	3	3	2	2	2	0	0
March 2032	100	68	51	44	36	27	16	2	2	2	1	1	0	0
March 2033	100	59	44	37	30	22	13	1	1	1	1	1	0	0
March 2034	100	51	37	30	25	18	10	1	1	1	1	1	0	0
March 2035	100	43	30	25	20	14	8	1	1	*	*	*	0	0
March 2036	100	35	24	20	16	11	6	*	*	*	*	*	0	0
March 2037	100	28	19	15	12	8	4	*	*	*	*	*	0	0
March 2038	93	22	15	12	9	6	3	*	*	*	*	*	0	0
March 2039	80	16	10	8	6	4	2	*	*	*	*	*	0	0
March 2040	62	10	7	5	4	2	1	*	*	*	*	*	0	0
March 2041	43	5	3	2	2	1	*	*	*	*	*	*	0	0
March 2042	22	1	*	*	*	*	*	*	*	*	*	*	0	0
March 2043	3	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	21.5	15.4	13.7	12.8	11.8	10.5	8.5	4.3	4.3	4.1	3.9	3.9	0.8	0.2

Date	EC, IE†, EB and EA Classes													
	PSA Prepayment Assumption													
	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	94	93	93	93	93	93	93	93	93	93	93	93	93
March 2021	93	84	82	82	82	82	82	82	82	82	82	82	72	32
March 2022	89	72	68	68	68	68	68	68	68	68	68	68	33	1
March 2023	85	61	55	55	55	55	55	55	55	55	55	55	15	0
March 2024	81	50	42	42	42	42	42	42	42	42	41	41	6	0
March 2025	77	40	31	31	31	31	31	31	31	31	30	30	3	0
March 2026	72	30	23	23	23	23	23	23	23	23	22	22	1	0
March 2027	67	20	17	17	17	17	17	17	17	17	16	15	*	0
March 2028	62	12	12	12	12	12	12	12	12	12	11	11	0	0
March 2029	56	9	9	9	9	9	9	9	9	9	8	8	0	0
March 2030	51	6	6	6	6	6	6	6	6	6	5	5	0	0
March 2031	44	4	4	4	4	4	4	4	4	4	4	4	0	0
March 2032	38	3	3	3	3	3	3	3	3	3	2	2	0	0
March 2033	31	2	2	2	2	2	2	2	2	2	2	2	0	0
March 2034	23	1	1	1	1	1	1	1	1	1	1	1	0	0
March 2035	16	1	1	1	1	1	1	1	1	1	*	*	0	0
March 2036	7	*	*	*	*	*	*	*	*	*	0	0	0	0
March 2037	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	10.4	5.4	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	2.8	1.8

* 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.

NZ Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	104	104	104	104	104	104	104	104	104	104	104	104	104	104
March 2021	107	107	107	107	107	107	107	107	107	107	107	107	107	107
March 2022	111	111	111	111	111	111	111	111	111	111	111	111	111	111
March 2023	115	115	115	115	115	115	115	115	115	115	115	115	115	115
March 2024	119	119	119	119	119	119	119	119	119	119	119	119	119	119
March 2025	123	123	123	123	123	123	123	123	123	123	123	123	123	*
March 2026	128	128	128	128	128	128	128	128	128	128	128	128	128	*
March 2027	132	132	132	132	132	132	132	132	132	132	132	132	132	*
March 2028	137	137	137	137	137	137	137	137	137	137	137	137	137	*
March 2029	142	142	142	142	142	142	142	142	142	142	142	142	27	0
March 2030	147	147	147	147	147	147	147	147	147	147	147	147	12	0
March 2031	152	152	152	152	152	152	152	152	152	152	152	152	5	0
March 2032	158	158	158	158	158	158	158	158	158	158	158	158	2	0
March 2033	163	163	163	163	163	163	163	163	163	163	163	163	1	0
March 2034	169	169	169	169	169	169	169	169	169	169	169	169	*	0
March 2035	175	175	175	175	175	175	175	175	175	175	175	175	*	0
March 2036	181	181	181	181	181	181	181	181	181	181	181	175	173	*
March 2037	143	143	143	143	143	143	143	143	143	143	123	122	*	0
March 2038	100	100	100	100	100	100	100	100	100	100	86	85	*	0
March 2039	70	70	70	70	70	70	70	70	70	70	60	59	*	0
March 2040	48	48	48	48	48	48	48	48	48	48	41	40	*	0
March 2041	33	33	33	33	33	33	33	33	33	33	28	27	*	0
March 2042	22	22	22	22	22	22	22	22	22	22	18	18	*	0
March 2043	14	14	14	14	14	14	14	14	14	14	12	12	*	0
March 2044	9	9	9	9	9	9	9	9	9	9	8	7	*	0
March 2045	5	5	5	5	5	5	5	5	5	5	5	4	*	0
March 2046	3	3	3	3	3	3	3	3	3	3	3	3	*	0
March 2047	1	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2048	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	19.6	19.6	9.3	3.7

EI† Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	94	93	93	93	93	93	93	93	93	93	93	93	93
March 2021	93	84	82	82	82	82	82	82	82	82	82	82	73	32
March 2022	89	73	68	68	68	68	68	68	68	68	68	68	33	2
March 2023	86	61	55	55	55	55	55	55	55	55	55	55	15	*
March 2024	81	51	43	43	43	43	43	43	43	43	41	41	7	*
March 2025	77	40	32	32	32	32	32	32	32	32	30	30	3	*
March 2026	72	30	23	23	23	23	23	23	23	23	22	22	1	*
March 2027	67	21	17	17	17	17	17	17	17	17	16	16	1	0
March 2028	62	13	13	13	13	13	13	13	13	13	12	12	*	0
March 2029	57	9	9	9	9	9	9	9	9	9	8	8	*	0
March 2030	51	7	7	7	7	7	7	7	7	7	6	6	*	0
March 2031	45	5	5	5	5	5	5	5	5	5	4	4	*	0
March 2032	38	4	4	4	4	4	4	4	4	4	3	3	*	0
March 2033	31	3	3	3	3	3	3	3	3	3	2	2	*	0
March 2034	24	2	2	2	2	2	2	2	2	2	2	2	*	0
March 2035	16	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2036	8	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2037	1	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2038	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2039	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2040	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2041	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2042	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2043	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2044	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2045	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2046	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2047	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2048	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	10.5	5.5	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	5.0	2.8	1.8

* 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.

ZE Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	105	105	105	104	102	101	98	89	89	88	88	88	60	17
March 2021	109	109	109	106	102	97	87	61	60	58	56	56	0	0
March 2022	114	114	114	108	101	91	75	30	29	26	23	23	0	0
March 2023	120	120	120	111	102	88	67	12	12	8	4	4	0	0
March 2024	125	125	125	115	104	88	64	5	4	1	0	0	0	0
March 2025	131	131	130	118	106	89	63	4	4	*	0	0	0	0
March 2026	137	137	130	117	104	86	60	4	3	*	0	0	0	0
March 2027	143	143	126	113	99	81	55	3	3	*	0	0	0	0
March 2028	150	147	120	107	93	75	49	3	2	*	0	0	0	0
March 2029	157	140	113	99	86	68	44	2	2	*	0	0	0	0
March 2030	164	132	104	91	78	61	38	2	2	*	0	0	0	0
March 2031	171	123	96	83	70	54	33	1	1	*	0	0	0	0
March 2032	179	114	87	74	62	47	28	1	1	*	0	0	0	0
March 2033	188	104	78	66	55	41	24	1	1	*	0	0	0	0
March 2034	196	95	70	59	48	35	20	1	1	*	0	0	0	0
March 2035	205	86	62	52	42	30	17	1	*	*	0	0	0	0
March 2036	215	77	55	45	36	26	14	*	*	*	0	0	0	0
March 2037	221	69	48	39	31	22	11	*	*	*	0	0	0	0
March 2038	209	61	42	34	26	18	9	*	*	*	0	0	0	0
March 2039	196	54	36	29	22	15	7	*	*	*	0	0	0	0
March 2040	183	47	31	24	18	12	6	*	*	*	0	0	0	0
March 2041	168	40	26	20	15	10	5	*	*	*	0	0	0	0
March 2042	152	33	21	16	12	8	3	*	*	*	0	0	0	0
March 2043	134	28	17	13	10	6	3	*	*	*	0	0	0	0
March 2044	116	22	13	10	7	4	2	*	*	*	0	0	0	0
March 2045	96	17	10	7	5	3	1	*	*	*	0	0	0	0
March 2046	74	12	7	5	4	2	1	*	*	*	0	0	0	0
March 2047	51	7	4	3	2	1	*	*	*	*	0	0	0	0
March 2048	26	3	2	1	1	*	*	*	*	*	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	24.8	18.0	16.5	15.9	15.1	12.9	9.3	2.7	2.7	2.3	2.2	2.2	1.1	0.7

KS† and LO Classes							WH† Class					
PSA Prepayment Assumption							PSA Prepayment Assumption					
Date	0%	100%	269%	500%	800%	1200%	0%	100%	269%	500%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	96	63	19	0	99	94	86	75	61	43
March 2021	100	100	83	33	0	0	98	87	71	52	32	12
March 2022	100	100	71	15	0	0	96	80	58	36	16	3
March 2023	100	100	61	5	0	0	95	74	48	25	8	1
March 2024	100	100	51	0	0	0	94	68	39	17	4	*
March 2025	100	100	43	0	0	0	92	62	32	11	2	*
March 2026	100	100	36	0	0	0	90	57	26	8	1	*
March 2027	100	98	30	0	0	0	89	52	22	5	1	*
March 2028	100	90	24	0	0	0	87	47	18	4	*	*
March 2029	100	81	20	0	0	0	85	43	14	2	*	*
March 2030	100	73	16	0	0	0	82	39	12	2	*	*
March 2031	100	65	13	0	0	0	80	36	9	1	*	*
March 2032	100	58	10	0	0	0	78	32	7	1	*	*
March 2033	100	50	8	0	0	0	75	29	6	1	*	*
March 2034	100	43	6	0	0	0	72	26	5	*	*	0
March 2035	100	37	5	0	0	0	69	23	4	*	*	0
March 2036	100	31	4	0	0	0	66	20	3	*	*	0
March 2037	96	25	3	0	0	0	62	18	2	*	*	0
March 2038	83	20	2	0	0	0	58	15	2	*	*	0
March 2039	69	15	1	0	0	0	54	13	1	*	*	0
March 2040	54	10	1	0	0	0	50	11	1	*	*	0
March 2041	38	6	*	0	0	0	45	9	1	*	*	0
March 2042	21	2	*	0	0	0	40	8	1	*	*	0
March 2043	3	0	0	0	0	0	34	6	*	*	*	0
March 2044	0	0	0	0	0	0	28	4	*	*	*	0
March 2045	0	0	0	0	0	0	22	3	*	*	0	0
March 2046	0	0	0	0	0	0	15	2	*	*	0	0
March 2047	0	0	0	0	0	0	8	1	*	*	0	0
March 2048	0	0	0	0	0	0	*	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)**	21.2	14.6	6.4	1.7	0.7	0.3	19.2	10.1	5.2	2.9	1.8	1.1

* 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.

SK† and MO Classes						
Date	PSA Prepayment Assumption					
	0%	100%	269%	500%	800%	1200%
Initial Percent	100	100	100	100	100	100
March 2020	100	100	96	63	19	0
March 2021	100	100	83	33	0	0
March 2022	100	100	71	15	0	0
March 2023	100	100	61	5	0	0
March 2024	100	100	51	0	0	0
March 2025	100	100	43	0	0	0
March 2026	100	100	36	0	0	0
March 2027	100	98	30	0	0	0
March 2028	100	90	24	0	0	0
March 2029	100	81	20	0	0	0
March 2030	100	73	16	0	0	0
March 2031	100	65	13	0	0	0
March 2032	100	58	10	0	0	0
March 2033	100	50	8	0	0	0
March 2034	100	43	6	0	0	0
March 2035	100	37	5	0	0	0
March 2036	100	31	4	0	0	0
March 2037	96	25	3	0	0	0
March 2038	83	20	2	0	0	0
March 2039	69	15	1	0	0	0
March 2040	54	10	1	0	0	0
March 2041	38	6	*	0	0	0
March 2042	21	2	*	0	0	0
March 2043	3	0	0	0	0	0
March 2044	0	0	0	0	0	0
March 2045	0	0	0	0	0	0
March 2046	0	0	0	0	0	0
March 2047	0	0	0	0	0	0
March 2048	0	0	0	0	0	0
March 2049	0	0	0	0	0	0
Weighted Average Life (years)**	21.2	14.6	6.4	1.7	0.7	0.3

IO† Class														
Date	PSA Prepayment Assumption													
	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	97	94	93	93	93	93	93	93	93	93	93	93	93	93
March 2021	93	84	82	81	81	81	81	81	81	81	81	81	70	29
March 2022	90	73	68	67	67	67	67	67	67	67	67	67	32	1
March 2023	86	62	55	53	53	53	53	53	53	53	53	53	14	*
March 2024	82	51	43	41	41	41	41	41	41	41	40	40	6	*
March 2025	78	41	32	30	30	30	30	30	30	30	29	29	3	*
March 2026	73	31	23	22	22	22	22	22	22	22	21	21	1	*
March 2027	68	22	16	16	16	16	16	16	16	16	16	16	*	0
March 2028	63	13	12	12	12	12	12	12	12	12	11	11	*	0
March 2029	58	8	8	8	8	8	8	8	8	8	8	8	*	0
March 2030	52	6	6	6	6	6	6	6	6	6	6	6	*	0
March 2031	46	4	4	4	4	4	4	4	4	4	4	4	*	0
March 2032	40	3	3	3	3	3	3	3	3	3	3	3	*	0
March 2033	33	2	2	2	2	2	2	2	2	2	2	2	*	0
March 2034	26	2	2	2	2	2	2	2	2	2	1	1	*	0
March 2035	18	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2036	10	1	1	1	1	1	1	1	1	1	1	1	*	0
March 2037	2	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2038	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2039	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2040	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2041	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2042	*	*	*	*	*	*	*	*	*	*	*	*	*	0
March 2043	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2044	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2045	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2046	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2047	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2048	*	*	*	*	*	*	*	*	*	*	*	*	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	10.7	5.5	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	4.9	4.9	2.7	1.7

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

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

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

WA Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	99	93	93	92	92	92	30	*
March 2021	100	100	100	100	100	99	96	81	80	78	76	76	*	0
March 2022	100	100	100	100	100	97	92	60	59	56	53	53	0	0
March 2023	100	100	100	100	98	94	87	43	42	39	36	36	0	0
March 2024	100	100	100	98	96	92	78	31	30	27	24	24	0	0
March 2025	100	100	99	96	93	84	66	22	21	18	17	16	0	0
March 2026	100	100	96	93	87	75	55	15	15	13	12	11	0	0
March 2027	100	100	93	86	78	65	46	11	11	9	8	8	0	0
March 2028	100	97	86	78	68	55	38	8	8	7	6	6	0	0
March 2029	100	93	78	68	59	47	31	6	6	5	4	4	0	0
March 2030	100	86	68	59	50	39	25	4	4	3	3	3	0	0
March 2031	100	77	59	51	43	33	20	3	3	2	2	2	0	0
March 2032	100	68	51	43	36	27	16	2	2	2	1	1	0	0
March 2033	100	59	43	36	30	22	13	2	1	1	1	1	0	0
March 2034	100	50	36	30	25	18	10	1	1	1	1	1	0	0
March 2035	100	42	30	25	20	14	8	1	1	*	*	*	0	0
March 2036	100	35	24	20	16	11	6	*	*	*	*	*	0	0
March 2037	100	28	19	15	12	8	4	*	*	*	*	*	0	0
March 2038	93	22	14	11	9	6	3	*	*	*	*	*	0	0
March 2039	80	16	10	8	6	4	2	*	*	*	*	*	0	0
March 2040	61	10	6	5	4	2	1	*	*	*	*	*	0	0
March 2041	42	5	3	2	2	1	*	*	*	*	*	*	0	0
March 2042	22	1	*	*	*	*	*	*	*	*	*	*	0	0
March 2043	3	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	21.5	15.4	13.7	12.8	11.8	10.5	8.5	4.4	4.3	4.1	3.9	3.9	0.9	0.2

WC Class														
PSA Prepayment Assumption														
Date	0%	100%	132%	150%	170%	200%	250%	400%	401%	413%	424%	425%	900%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	100	100	100	100	99	93	93	92	92	92	30	*
March 2021	100	100	100	100	100	99	96	80	80	78	76	76	*	0
March 2022	100	100	100	100	100	97	92	59	59	56	53	52	0	0
March 2023	100	100	100	100	98	94	87	42	42	39	36	36	0	0
March 2024	100	100	100	98	96	92	78	30	30	27	24	24	0	0
March 2025	100	100	99	96	93	84	65	21	21	19	17	16	0	0
March 2026	100	100	96	93	87	75	55	15	15	13	12	12	0	0
March 2027	100	100	93	86	78	65	46	11	11	9	8	8	0	0
March 2028	100	97	86	78	68	55	38	8	8	7	6	6	0	0
March 2029	100	93	78	68	59	47	31	6	6	5	4	4	0	0
March 2030	100	86	68	59	51	39	25	4	4	3	3	3	0	0
March 2031	100	77	59	51	43	33	20	3	3	2	2	2	0	0
March 2032	100	68	51	43	36	27	16	2	2	2	1	1	0	0
March 2033	100	59	44	37	30	22	13	1	1	1	1	1	0	0
March 2034	100	50	37	30	25	18	10	1	1	1	1	1	0	0
March 2035	100	43	30	25	20	14	8	1	1	*	*	*	0	0
March 2036	100	35	24	20	16	11	6	*	*	*	*	*	0	0
March 2037	100	28	19	15	12	8	4	*	*	*	*	*	0	0
March 2038	93	22	15	12	9	6	3	*	*	*	*	*	0	0
March 2039	80	16	10	8	6	4	2	*	*	*	*	*	0	0
March 2040	62	10	7	5	4	2	1	*	*	*	*	*	0	0
March 2041	43	5	3	2	2	1	*	*	*	*	*	*	0	0
March 2042	22	1	*	*	*	*	*	*	*	*	*	*	0	0
March 2043	3	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	21.5	15.4	13.7	12.8	11.8	10.5	8.5	4.3	4.3	4.1	3.9	3.9	0.8	0.2

* 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.

Date	WG Class						KI† Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	269%	500%	800%	1200%	0%	100%	269%	500%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
March 2020	100	100	96	63	19	0	100	100	96	63	19	0
March 2021	100	100	83	33	0	0	100	100	83	33	0	0
March 2022	100	100	71	15	0	0	100	100	71	15	0	0
March 2023	100	100	61	5	0	0	100	100	61	5	0	0
March 2024	100	100	51	0	0	0	100	100	51	0	0	0
March 2025	100	100	43	0	0	0	100	100	43	0	0	0
March 2026	100	100	36	0	0	0	100	100	36	0	0	0
March 2027	100	98	30	0	0	0	100	98	30	0	0	0
March 2028	100	90	24	0	0	0	100	90	24	0	0	0
March 2029	100	81	20	0	0	0	100	81	20	0	0	0
March 2030	100	73	16	0	0	0	100	73	16	0	0	0
March 2031	100	65	13	0	0	0	100	65	13	0	0	0
March 2032	100	58	10	0	0	0	100	58	10	0	0	0
March 2033	100	50	8	0	0	0	100	50	8	0	0	0
March 2034	100	43	6	0	0	0	100	43	6	0	0	0
March 2035	100	37	5	0	0	0	100	37	5	0	0	0
March 2036	100	31	4	0	0	0	100	31	4	0	0	0
March 2037	96	25	3	0	0	0	96	25	3	0	0	0
March 2038	83	20	2	0	0	0	83	20	2	0	0	0
March 2039	69	15	1	0	0	0	69	15	1	0	0	0
March 2040	54	10	1	0	0	0	54	10	1	0	0	0
March 2041	38	6	*	0	0	0	38	6	*	0	0	0
March 2042	21	2	*	0	0	0	21	2	*	0	0	0
March 2043	3	0	0	0	0	0	3	0	0	0	0	0
March 2044	0	0	0	0	0	0	0	0	0	0	0	0
March 2045	0	0	0	0	0	0	0	0	0	0	0	0
March 2046	0	0	0	0	0	0	0	0	0	0	0	0
March 2047	0	0	0	0	0	0	0	0	0	0	0	0
March 2048	0	0	0	0	0	0	0	0	0	0	0	0
March 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)**	21.2	14.6	6.4	1.7	0.7	0.3	21.2	14.6	6.4	1.7	0.7	0.3

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

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

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

Characteristics of the Residual Classes

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

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

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections and Special Tax Attributes

We will make REMIC elections 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.

Notwithstanding the foregoing, the Mortgage Loans backing a portion of the Group 9 Underlying REMIC certificates have loan-to-value ratios at origination ranging from greater than 105% up to 125%. See "Description of the Certificates-The Underlying REMIC and RCR certificates" in this prospectus supplement. A portion of the Group 9 Class may not be treated as "real estate assets" within the meaning of section 856(c)(5)(B) of the Code. See "Material Federal Income Tax Consequences-Special Tax Attributes" in the MBS Prospectus dated May 1, 2018. Accordingly, special tax considerations may apply to a real estate investment trust that holds a REMIC Certificate of the Group 9 Class, and we may be obligated to provide additional information, pursuant to Regulations under section 6049 of the Code, on such Class. 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:

<u>Group</u>	<u>Prepayment Assumption</u>
1	280% PSA
2	230% PSA
3	200% PSA
4	218% PSA
5	300% PSA
6	200% PSA
7	200% PSA
8	200% PSA
9	200% PSA
10	200% PSA
11	269% PSA
12	269% PSA
13	269% 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. Although this rule generally applies to the Regular Certificates, the IRS has issued Notice 2018-80, stating its intention to exclude market discount from the application of this rule. 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 before January 1, 2026. Prospective investors in Residual Certificates are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situations.

Taxation of Beneficial Owners of RCR Certificates

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

Generally, the ownership interest represented by an RCR certificate will be one of two types. A certificate of a Combination RCR Class (a "Combination RCR Certificate") will represent beneficial ownership of undivided interests in one or more underlying Regular Certificates. A certificate of a Strip RCR Class (a "Strip RCR Certificate") will represent

the right to receive a disproportionate part of the principal or interest payments on one or more underlying Regular Certificates. All of the RCR Certificates are Combination RCR Certificates. See "Material Federal Income Tax Consequences-Taxation of Beneficial Owners of RCR Certificates" in the REMIC Prospectus for a general discussion of the federal income tax treatment of beneficial owners of RCR Certificates.

Tax Audit Procedures

The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a partnership's tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC for a taxable year in which it has multiple Residual Owners, appoints one person to act as its sole representative in connection with IRS audits and related procedures. The representative's actions, including the representative's agreeing to adjustments to taxable income, will bind partners or Residual Owners to a greater degree than would actions of the tax matters partner ("TMP") under the rules in effect prior to the 2018 taxable year. See "Material Federal Income Tax Consequences-Reporting and Other Administrative Matters" in the REMIC Prospectus for a discussion of the TMP. Under the new rules, a REMIC having multiple Residual Owners in a taxable year, unless such REMIC elects otherwise, will be required to pay taxes arising from IRS audit adjustments rather than its Residual Owners. The Trustee, as representative, will have the authority to utilize, and will be directed to utilize, any exceptions available under the new provisions (including changes) and Regulations so that the Residual Owners, to the fullest extent possible, rather than the REMIC itself, will be liable for any taxes arising from audit adjustments to the REMIC's taxable income. An adjustment to the REMIC's taxable income following an IRS audit may have to be taken into account by those Residual Owners in the taxable year in which the adjustment is made rather than in the taxable year to which the adjustment relates, and otherwise in different and potentially less advantageous ways than under the rules in effect prior to the 2018 taxable year. The new rules apply to existing and future REMICs having multiple Residual Owners in a taxable year. The new rules are complex and may be clarified and possibly revised. Residual Owners should discuss with their own tax advisors the possible effect of the new rules on them.

Foreign Investors

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 Citigroup Global Markets Inc. (the "Dealer") in exchange for the Trust MBS, and the Underlying REMIC and RCR Certificates. 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. Cleary Gottlieb Steen & Hamilton LLP will provide legal representation for the Dealer.

Group 2 Underlying REMIC and RCR Certificates

	<u>Underlying REMIC Trust</u>	<u>Class</u>	<u>Date of Issue</u>	<u>CUSIP Number</u>	<u>Interest Rate</u>	<u>Interest Type(1)</u>	<u>Final Distribution Date</u>	<u>Principal Type(1)</u>	<u>Original Principal Balance of Class</u>	<u>March 2019 Class Factor</u>	<u>Principal Balance in the Lower Tier REMIC</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
Subgroup 2a	2003-21	OU	February 2003	31392J3H0	5.5 %	FIX	March 2033	PAC	\$ 61,330,000	0.06533755	\$ 30,381.96	5.797 %	152	195
	2005-79	LB	August 2005	31394FWH8	5.5	FIX	September 2035	PAC	25,509,000	0.73046754	3,504,537.82	6.012	185	165
	2018-28	A	April 2018	3136B1P65	5.5	FIX	August 2038	SC/PT	9,771,636	0.83194820	8,129,494.98	(2)	(2)	(2)
Subgroup 2b	2006-34	PE	April 2006	31395DND7	6.0	FIX	May 2036	PAC	38,990,000	0.23221812	9,054,184.50	6.503	191	160
	2009-69	PB	August 2009	31396Q6F1	5.0	FIX	September 2039	PAC	144,798,000	0.04275514	2,511,778.96	6.468	213	133
	2018-28	B	April 2018	3136B1P73	6.0	FIX	August 2038	SC/PT	12,796,248	0.81927116	10,483,596.94	(2)	(2)	(2)

- (1) See "Description of the Certificates-Class Definitions and Abbreviations" in the REMIC Prospectus.
- (2) The Classes 2018-28-A and B REMIC Certificates are backed by the Class 2009-50-ZW REMIC certificate, which is backed by the Fannie Mae REMIC certificates listed below having the following characteristics:

<u>Class</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2005-4-Z	5.935	158	189
2007-B2-ZA	5.974	186	162
2008-71-TZ	6.518	218	129

Group 9 Underlying REMIC Certificates

<u>Underlying REMIC Trust</u>	<u>Class</u>	<u>Date of Issue</u>	<u>CUSIP Number</u>	<u>Interest Rate</u>	<u>Interest Type(1)</u>	<u>Final Distribution Date</u>	<u>Principal Type(1)</u>	<u>Original or Notional Principal Balance of Class</u>	<u>March 2019 Class Factor</u>	<u>Principal or Notional Balance in the Lower Tier REMIC</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2010-83	IC	July 2010	31398TTY7	4.5 %	FIX/IO	May 2030	NTL	\$ 20,417,000	0.08723145	\$ 1,781,004.51	4.884 %	128	105
2010-118	IN	September 2010	31398T7K1	5.0	FIX/IO	October 2040	NTL	30,000,000	0.08085342	2,425,602.60	5.455	161	187
2012-63	SE	May 2012	3136A6UK8	(2)	INV/IO	June 2038	NTL	112,500,000	0.14540811	8,179,206.19	4.506	263	83
2012-76	DS	June 2012	3136A6N91	(2)	INV/IO	May 2039	NTL	247,364,400	0.20174946	11,096,220.30	4.506	265	81
2014-64	BI	September 2014	3136AK2Q5	3.5	FIX/IO	March 2044	NTL	21,950,571	0.33337398	1,503,850.02	4.241	291	59
2014-68	TO	October 2014	3136ALSJ1	0.0	PO	January 2043	SC/PT	3,337,577	0.94752246	3,162,429.17	3.661	274	76
2014-79	LO	November 2014	3136ALG96	0.0	PO	January 2043	SC/PT	1,961,576	0.63709124	1,249,702.89	3.993	274	78
2015-1	JO	January 2015	3136AMLQ0	0.0	PO	July 2043	SC/PT	4,188,214	1.00000000	4,188,214.00	3.675	279	71
2015-6	WO	February 2015	3136AMWU9	0.0	PO	June 2043	SC/PT	2,531,180	1.00000000	2,531,180.00	3.669	279	72

- (1) See "Description of the Certificates-Class Definitions and Abbreviations" in the REMIC Prospectus.
- (2) These classes bear interest as described in the related Underlying REMIC Disclosure Documents.

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Group 11 Underlying REMIC Certificate

<u>Underlying REMIC Trust</u>	<u>Class</u>	<u>Date of Issue</u>	<u>CUSIP Number</u>	<u>Interest Rate</u>	<u>Interest Type(1)</u>	<u>Final Distribution Date</u>	<u>Principal Type(1)</u>	<u>Original Principal Balance of Class</u>	<u>March 2019 Class Factor</u>	<u>Principal Balance in the Lower Tier REMIC</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2013-55	KS	May 2013	3136AEQF7	(2)	INV	June 2043	SUP	\$ 33,604,800	0.68777305	\$ 15,000,000.09	3.727 %	281	71

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

(2) This class bears interest as described in the related Underlying REMIC Disclosure Document.

Group 12 Underlying REMIC Certificates

<u>Underlying REMIC Trust</u>	<u>Class</u>	<u>Date of Issue</u>	<u>CUSIP Number</u>	<u>Interest Rate</u>	<u>Interest Type(1)</u>	<u>Final Distribution Date</u>	<u>Principal Type(1)</u>	<u>Original Principal Balance of Class</u>	<u>March 2019 Class Factor</u>	<u>Principal Balance in the Lower Tier REMIC</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2018-25	HS	March 2018	3136B1VJ0	(2)	INV/IO	April 2048	NTL	\$ 50,000,000	0.89448240	\$ 22,362,060.00	4.940 %	344	14
2018-39	SA	May 2018	3136B2BW1	(2)	INV/IO	June 2048	NTL	232,392,857	0.87032019	11,749,322.57	4.963	333	24

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

(2) These classes bear interest as described in the related Underlying REMIC Disclosure Documents.

Group 13 Underlying REMIC Certificate

<u>Underlying REMIC Trust</u>	<u>Class</u>	<u>Date of Issue</u>	<u>CUSIP Number</u>	<u>Interest Rate</u>	<u>Interest Type(1)</u>	<u>Final Distribution Date</u>	<u>Principal Type(1)</u>	<u>Original Principal Balance of Class</u>	<u>March 2019 Class Factor</u>	<u>Principal Balance in the Lower Tier REMIC</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2013-55	KS	May 2013	3136AEQF7	(2)	INV	June 2043	SUP	\$ 33,604,800	0.68777305	\$ 8,112,475.70	3.727 %	281	71

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

(2) This class bears interest as described in the related Underlying REMIC Disclosure Document.

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

REMIC Certificates		Available Recombinations(1) RCR Certificates						
<u>Classes</u>	<u>Original Balances</u>	<u>RCR Classes</u>	<u>Original Balances</u>	<u>Principal Type(2)</u>	<u>Interest Rate</u>	<u>Interest Type(2)</u>	<u>CUSIP Number</u>	<u>Final Distribution Date</u>
Recombination 1								
LZ	\$ 19,255,344	LY (3)	\$ 32,138,990	SEQ	4.00%	FIX	3136B4JQ2	April 2049
VA	12,883,646							
Recombination 2								
UA	32,000	WA (5)	11,233,394	SC/PT/SEG(PAC)/SUP/AD	(6)	WAC	3136B4JT6	April 2049
UK	69,868							
KW	11,131,526							
Recombination 3								
UA	32,000	WC (7)	11,163,526	SC/PT/SEG(PAC)/SUP/AD	(8)	WAC	3136B4JU3	April 2049
KW	11,131,526							
Recombination 4								
PI	4,687,500 (4)	IK	9,985,875 (4)	NTL	4.00	FIX/IO	3136B4JS8	April 2049
IH	5,298,375 (4)							
Recombination 5								
BC	64,345,073	BA	64,345,073	PAC/AD	4.00	FIX	3136B4JR0	May 2048
BI	7,149,452 (4)							
Recombination 6								
EC	35,310,000	EA	35,310,000	PAC/AD	3.50	FIX	3136B4JW9	February 2049
IE	3,923,333 (4)							
Recombination 7								
EC	35,310,000	EB	35,310,000	PAC/AD	3.25	FIX	3136B4JV1	February 2049
IE	1,961,667 (4)							
Recombination 8								
MI	8,757,333 (4)	IO (9)	16,641,110 (4)	NTL	4.50	FIX/IO	3136B4JX7	March 2049
EI	7,883,777 (4)							
Recombination 9								
LO	15,000,000	WG (10)	15,000,000	SC/PT	(11)	WAC	3136B4JY5	June 2048
WH	34,111,382 (4)							

REMIC Certificates		RCR Certificates						
<u>Classes</u>	<u>Original Balances</u>	<u>RCR Classes</u>	<u>Original Balances</u>	<u>Principal Type(2)</u>	<u>Interest Rate</u>	<u>Interest Type(2)</u>	<u>CUSIP Number</u>	<u>Final Distribution Date</u>
Recombination 10								
KS	\$ 15,000,000 (4)	KI (12)	\$ 23,112,475 (4)	NTL	(13)	INV/IO	3136B4JZ2	June 2043
SK	8,112,475 (4)							

- (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) Principal payments on the REMIC Certificates in Recombination 1 from the LZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.
- (4) Notional principal balances. These Classes are Interest Only Classes. See page S-6 for a description of how their notional principal balances are calculated.
- (5) The WA Class is an RCR Class formed by a combination of the UA Class in Group 6, the UK Class in Group 8 and the KW Class in Group 9.
- (6) For a description of this interest rate, see "Description of the Certificates-Distributions of Interest- The WA Class" in this prospectus supplement.
- (7) The WC Class is an RCR Class formed by a combination of the UA Class in Group 6 and the KW Class in Group 9.
- (8) For a description of this interest rate, see "Description of the Certificates-Distributions of Interest-The WC Class" in this prospectus supplement.
- (9) The IO Class is an RCR Class formed by a combination of the MI Class in Group 6 and the IE Class in Group 10.
- (10) The WG Class is an RCR Class formed by a combination of the LO Class in Group 11 and the WH Class in Group 12.
- (11) For a description of this interest rate, see "Description of the Certificates-Distributions of Interest-The WG Class" in this prospectus supplement
- (12) The KI Class is an RCR Class formed by a combination of the KS Class in Group 11 and the SK Class in Group 13.
- (13) For a description of this interest rate, see "Summary-Interest Rates" in this prospectus supplement.

Principal Balance Schedules

Aggregate Group I Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 55,039,920.00	February 2024	\$ 26,332,215.36	January 2029	\$ 8,900,631.15
April 2019	54,786,245.52	March 2024	25,889,165.89	February 2029	8,734,060.68
May 2019	54,514,328.22	April 2024	25,449,678.09	March 2029	8,570,463.44
June 2019	54,224,304.58	May 2024	25,013,718.47	April 2029	8,409,787.84
July 2019	53,916,326.48	June 2024	24,581,253.86	May 2029	8,251,983.16
August 2019	53,590,561.13	July 2024	24,152,251.36	June 2029	8,096,999.56
September 2019	53,247,190.84	August 2024	23,726,678.38	July 2029	7,944,788.04
October 2019	52,886,412.93	September 2024	23,304,502.57	August 2029	7,795,300.43
November 2019	52,508,439.49	October 2024	22,885,691.88	September 2029	7,648,489.40
December 2019	52,113,497.16	November 2024	22,472,778.62	October 2029	7,504,308.41
January 2020	51,701,826.94	December 2024	22,067,077.80	November 2029	7,362,711.72
February 2020	51,273,683.91	January 2025	21,668,465.95	December 2029	7,223,654.38
March 2020	50,829,336.92	February 2025	21,276,821.73	January 2030	7,087,092.19
April 2020	50,369,068.36	March 2025	20,892,025.80	February 2030	6,952,981.71
May 2020	49,893,173.80	April 2025	20,513,960.87	March 2030	6,821,280.26
June 2020	49,401,961.66	May 2025	20,142,511.62	April 2030	6,691,945.86
July 2020	48,895,752.85	June 2025	19,777,564.69	May 2030	6,564,937.27
August 2020	48,374,880.44	July 2025	19,419,008.62	June 2030	6,440,213.95
September 2020	47,839,689.19	August 2025	19,066,733.85	July 2030	6,317,736.04
October 2020	47,290,535.21	September 2025	18,720,632.66	August 2030	6,197,464.37
November 2020	46,727,785.51	October 2025	18,380,599.15	September 2030	6,079,360.45
December 2020	46,151,817.55	November 2025	18,046,529.23	October 2030	5,963,386.44
January 2021	45,563,018.81	December 2025	17,718,320.55	November 2030	5,849,505.14
February 2021	44,961,786.29	January 2026	17,395,872.51	December 2030	5,737,679.99
March 2021	44,365,580.97	February 2026	17,079,086.20	January 2031	5,627,875.07
April 2021	43,774,356.74	March 2026	16,767,864.38	February 2031	5,520,055.06
May 2021	43,188,067.92	April 2026	16,462,111.48	March 2031	5,414,185.25
June 2021	42,606,669.20	May 2026	16,161,733.51	April 2031	5,310,231.52
July 2021	42,030,115.67	June 2026	15,866,638.11	May 2031	5,208,160.34
August 2021	41,458,362.81	July 2026	15,576,734.45	June 2031	5,107,938.76
September 2021	40,891,366.48	August 2026	15,291,933.28	July 2031	5,009,534.37
October 2021	40,329,082.92	September 2026	15,012,146.82	August 2031	4,912,915.35
November 2021	39,771,468.76	October 2026	14,737,288.80	September 2031	4,818,050.41
December 2021	39,218,480.99	November 2026	14,467,274.41	October 2031	4,724,908.78
January 2022	38,670,076.98	December 2026	14,202,020.28	November 2031	4,633,460.25
February 2022	38,126,214.45	January 2027	13,941,444.44	December 2031	4,543,675.10
March 2022	37,586,851.51	February 2027	13,685,466.32	January 2032	4,455,524.14
April 2022	37,051,946.61	March 2027	13,434,006.72	February 2032	4,368,978.67
May 2022	36,521,458.57	April 2027	13,186,987.77	March 2032	4,284,010.49
June 2022	35,995,346.57	May 2027	12,944,332.94	April 2032	4,200,591.88
July 2022	35,473,570.13	June 2027	12,705,966.99	May 2032	4,118,695.59
August 2022	34,956,089.13	July 2027	12,471,815.94	June 2032	4,038,294.86
September 2022	34,442,863.77	August 2027	12,241,807.10	July 2032	3,959,363.36
October 2022	33,933,854.63	September 2027	12,015,868.98	August 2032	3,881,875.24
November 2022	33,429,022.61	October 2027	11,793,931.33	September 2032	3,805,805.07
December 2022	32,928,328.94	November 2027	11,575,925.08	October 2032	3,731,127.89
January 2023	32,431,735.20	December 2027	11,361,782.34	November 2032	3,657,819.13
February 2023	31,939,203.29	January 2028	11,151,436.36	December 2032	3,585,854.68
March 2023	31,450,695.44	February 2028	10,944,821.54	January 2033	3,515,210.82
April 2023	30,966,174.21	March 2028	10,741,873.38	February 2033	3,445,864.24
May 2023	30,485,602.48	April 2028	10,542,528.50	March 2033	3,377,792.06
June 2023	30,008,943.44	May 2028	10,346,724.57	April 2033	3,310,971.74
July 2023	29,536,160.62	June 2028	10,154,400.34	May 2033	3,245,381.19
August 2023	29,067,217.84	July 2028	9,965,495.60	June 2033	3,180,998.66
September 2023	28,602,079.24	August 2028	9,779,951.15	July 2033	3,117,802.79
October 2023	28,140,709.28	September 2028	9,597,708.80	August 2033	3,055,772.59
November 2023	27,683,072.70	October 2028	9,418,711.37	September 2033	2,994,887.41
December 2023	27,229,134.56	November 2028	9,242,902.64	October 2033	2,935,127.00
January 2024	26,778,860.23	December 2028	9,070,227.34	November 2033	2,876,471.41

Aggregate Group I (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
December 2033	\$ 2,818,901.07	November 2038	\$ 795,136.51	October 2043	\$ 166,319.96
January 2034	2,762,396.74	December 2038	776,971.59	November 2043	161,036.09
February 2034	2,706,939.50	January 2039	759,164.65	December 2043	155,868.84
March 2034	2,652,510.78	February 2039	741,709.09	January 2044	150,815.93
April 2034	2,599,092.30	March 2039	724,598.47	February 2044	145,875.15
May 2034	2,546,666.12	April 2039	707,826.44	March 2044	141,044.31
June 2034	2,495,214.61	May 2039	691,386.76	April 2044	136,321.28
July 2034	2,444,720.43	June 2039	675,273.31	May 2044	131,703.95
August 2034	2,395,166.56	July 2039	659,480.08	June 2044	127,190.25
September 2034	2,346,536.25	August 2039	644,001.17	July 2044	122,778.16
October 2034	2,298,813.06	September 2039	628,830.76	August 2044	118,465.69
November 2034	2,251,980.83	October 2039	613,963.16	September 2044	114,250.89
December 2034	2,206,023.68	November 2039	599,392.77	October 2044	110,131.83
January 2035	2,160,926.00	December 2039	585,114.09	November 2044	106,106.64
February 2035	2,116,672.46	January 2040	571,121.72	December 2044	102,173.47
March 2035	2,073,247.98	February 2040	557,410.35	January 2045	98,330.50
April 2035	2,030,637.76	March 2040	543,974.77	February 2045	94,575.95
May 2035	1,988,827.26	April 2040	530,809.85	March 2045	90,908.08
June 2035	1,947,802.16	May 2040	517,910.58	April 2045	87,325.18
July 2035	1,907,548.43	June 2040	505,272.00	May 2045	83,825.54
August 2035	1,868,052.25	July 2040	492,889.28	June 2045	80,407.53
September 2035	1,829,300.06	August 2040	480,757.64	July 2045	77,069.52
October 2035	1,791,278.54	September 2040	468,872.40	August 2045	73,809.92
November 2035	1,753,974.57	October 2040	457,228.96	September 2045	70,627.17
December 2035	1,717,375.30	November 2040	445,822.82	October 2045	67,519.72
January 2036	1,681,468.08	December 2040	434,649.54	November 2045	64,486.08
February 2036	1,646,240.48	January 2041	423,704.75	December 2045	61,524.76
March 2036	1,611,680.28	February 2041	412,984.19	January 2046	58,634.32
April 2036	1,577,775.51	March 2041	402,483.65	February 2046	55,813.33
May 2036	1,544,514.36	April 2041	392,199.00	March 2046	53,060.40
June 2036	1,511,885.25	May 2041	382,126.20	April 2046	50,374.14
July 2036	1,479,876.82	June 2041	372,261.25	May 2046	47,753.23
August 2036	1,448,477.86	July 2041	362,600.26	June 2046	45,196.33
September 2036	1,417,677.40	August 2041	353,139.39	July 2046	42,702.15
October 2036	1,387,464.64	September 2041	343,874.85	August 2046	40,269.42
November 2036	1,357,828.98	October 2041	334,802.96	September 2046	37,896.88
December 2036	1,328,759.99	November 2041	325,920.07	October 2046	35,583.32
January 2037	1,300,247.44	December 2041	317,222.62	November 2046	33,327.53
February 2037	1,272,281.27	January 2042	308,707.09	December 2046	31,128.34
March 2037	1,244,851.58	February 2042	300,370.04	January 2047	28,984.57
April 2037	1,217,948.68	March 2042	292,208.10	February 2047	26,895.11
May 2037	1,191,563.02	April 2042	284,217.93	March 2047	24,858.82
June 2037	1,165,685.22	May 2042	276,396.28	April 2047	22,874.63
July 2037	1,140,306.09	June 2042	268,739.94	May 2047	20,941.45
August 2037	1,115,416.56	July 2042	261,245.77	June 2047	19,058.23
September 2037	1,091,007.74	August 2042	253,910.68	July 2047	17,223.94
October 2037	1,067,070.92	September 2042	246,731.64	August 2047	15,437.57
November 2037	1,043,597.49	October 2042	239,705.67	September 2047	13,698.12
December 2037	1,020,579.04	November 2042	232,829.84	October 2047	12,004.61
January 2038	998,007.29	December 2042	226,101.29	November 2047	10,356.09
February 2038	975,874.08	January 2043	219,517.19	December 2047	8,751.62
March 2038	954,171.44	February 2043	213,074.77	January 2048	7,190.27
April 2038	932,891.50	March 2043	206,771.32	February 2048	5,671.14
May 2038	912,026.56	April 2043	200,604.16	March 2048	4,193.35
June 2038	891,569.03	May 2043	194,570.69	April 2048	2,756.02
July 2038	871,511.47	June 2043	188,668.31	May 2048	1,358.30
August 2038	851,846.56	July 2043	182,894.50	June 2048 and	
September 2038	832,567.11	August 2043	177,246.80	thereafter	0.00
October 2038	813,666.07	September 2043	171,722.74		

Aggregate Group II Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 26,354,000.00	April 2024	\$ 10,193,828.20	May 2029	\$ 2,031,792.40
April 2019	26,238,824.94	May 2024	9,931,951.69	June 2029	1,977,908.74
May 2019	26,114,270.15	June 2024	9,676,119.03	July 2029	1,925,421.57
June 2019	25,980,372.87	July 2024	9,426,781.09	August 2029	1,874,295.30
July 2019	25,837,177.46	August 2024	9,183,774.74	September 2029	1,824,495.20
August 2019	25,684,735.38	September 2024	8,946,940.93	October 2029	1,775,987.44
September 2019	25,523,105.19	October 2024	8,716,124.57	November 2029	1,728,739.03
October 2019	25,352,352.48	November 2024	8,491,174.43	December 2029	1,682,717.82
November 2019	25,172,549.81	December 2024	8,271,943.05	January 2030	1,637,892.46
December 2019	24,983,776.70	January 2025	8,058,286.65	February 2030	1,594,232.41
January 2020	24,786,119.53	February 2025	7,850,065.04	March 2030	1,551,707.88
February 2020	24,579,671.48	March 2025	7,647,141.52	April 2030	1,510,289.83
March 2020	24,364,532.43	April 2025	7,449,382.80	May 2030	1,469,949.98
April 2020	24,140,808.88	May 2025	7,256,658.90	June 2030	1,430,660.75
May 2020	23,908,613.85	June 2025	7,068,843.10	July 2030	1,392,395.24
June 2020	23,668,066.76	July 2025	6,885,811.85	August 2030	1,355,127.25
July 2020	23,419,293.31	August 2025	6,707,444.67	September 2030	1,318,831.24
August 2020	23,162,425.36	September 2025	6,533,624.09	October 2030	1,283,482.31
September 2020	22,897,600.81	October 2025	6,364,235.57	November 2030	1,249,056.19
October 2020	22,624,963.42	November 2025	6,199,167.43	December 2030	1,215,529.22
November 2020	22,344,662.67	December 2025	6,038,310.78	January 2031	1,182,878.34
December 2020	22,056,853.63	January 2026	5,881,559.46	February 2031	1,151,081.09
January 2021	21,761,696.75	February 2026	5,728,809.95	March 2031	1,120,115.56
February 2021	21,459,357.73	March 2026	5,579,961.33	April 2031	1,089,960.41
March 2021	21,150,007.30	April 2026	5,434,915.17	May 2031	1,060,594.81
April 2021	20,833,821.06	May 2026	5,293,575.54	June 2031	1,031,998.49
May 2021	20,510,979.26	June 2026	5,155,848.89	July 2031	1,004,151.68
June 2021	20,181,666.63	July 2026	5,021,644.02	August 2031	977,035.12
July 2021	19,854,590.41	August 2026	4,890,871.99	September 2031	950,630.02
August 2021	19,529,730.83	September 2026	4,763,446.09	October 2031	924,918.08
September 2021	19,207,068.28	October 2026	4,639,281.80	November 2031	899,881.47
October 2021	18,886,583.31	November 2026	4,518,296.69	December 2031	875,502.80
November 2021	18,568,256.59	December 2026	4,400,410.42	January 2032	851,765.11
December 2021	18,252,068.96	January 2027	4,285,544.63	February 2032	828,651.90
January 2022	17,938,001.40	February 2027	4,173,622.94	March 2032	806,147.08
February 2022	17,626,035.03	March 2027	4,064,570.88	April 2032	784,234.95
March 2022	17,316,151.11	April 2027	3,958,315.85	May 2032	762,900.22
April 2022	17,008,331.04	May 2027	3,854,787.06	June 2032	742,128.01
May 2022	16,702,556.37	June 2027	3,753,915.50	July 2032	721,903.79
June 2022	16,398,808.79	July 2027	3,655,633.88	August 2032	702,213.40
July 2022	16,097,070.12	August 2027	3,559,876.61	September 2032	683,043.05
August 2022	15,797,322.31	September 2027	3,466,579.74	October 2032	664,379.31
September 2022	15,499,547.46	October 2027	3,375,680.93	November 2032	646,209.07
October 2022	15,203,727.80	November 2027	3,287,119.39	December 2032	628,519.58
November 2022	14,909,845.68	December 2027	3,200,835.84	January 2033	611,298.38
December 2022	14,617,883.60	January 2028	3,116,772.53	February 2033	594,533.36
January 2023	14,327,824.19	February 2028	3,034,873.14	March 2033	578,212.70
February 2023	14,039,650.20	March 2028	2,955,082.75	April 2033	562,324.89
March 2023	13,753,344.52	April 2028	2,877,347.84	May 2033	546,858.70
April 2023	13,468,890.16	May 2028	2,801,616.21	June 2033	531,803.21
May 2023	13,186,270.27	June 2028	2,727,836.99	July 2033	517,147.77
June 2023	12,905,468.10	July 2028	2,655,960.59	August 2033	502,881.98
July 2023	12,626,467.05	August 2028	2,585,938.65	September 2033	488,995.73
August 2023	12,349,250.63	September 2028	2,517,724.04	October 2033	475,479.16
September 2023	12,073,802.48	October 2028	2,451,270.80	November 2033	462,322.67
October 2023	11,800,106.37	November 2028	2,386,534.15	December 2033	449,516.88
November 2023	11,528,146.18	December 2028	2,323,470.41	January 2034	437,052.68
December 2023	11,257,905.91	January 2029	2,262,037.02	February 2034	424,921.18
January 2024	10,989,369.68	February 2029	2,202,192.47	March 2034	413,113.72
February 2024	10,722,521.73	March 2029	2,143,896.31	April 2034	401,621.85
March 2024	10,457,346.41	April 2029	2,087,109.10	May 2034	390,437.35

Aggregate Group II (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
June 2034	\$ 379,552.21	February 2039	\$ 72,817.73	October 2043	\$ 10,591.54
July 2034	368,958.62	March 2039	70,587.74	November 2043	10,175.45
August 2034	358,648.96	April 2039	68,420.77	December 2043	9,772.39
September 2034	348,615.83	May 2039	66,315.11	January 2044	9,381.96
October 2034	338,852.00	June 2039	64,269.10	February 2044	9,003.82
November 2034	329,350.43	July 2039	62,281.13	March 2044	8,637.60
December 2034	320,104.27	August 2039	60,349.63	April 2044	8,282.97
January 2035	311,106.83	September 2039	58,473.05	May 2044	7,939.58
February 2035	302,351.61	October 2039	56,649.92	June 2044	7,607.12
March 2035	293,832.25	November 2039	54,878.78	July 2044	7,285.27
April 2035	285,542.59	December 2039	53,158.21	August 2044	6,973.72
May 2035	277,476.60	January 2040	51,486.84	September 2044	6,672.17
June 2035	269,628.40	February 2040	49,863.33	October 2044	6,380.32
July 2035	261,992.29	March 2040	48,286.38	November 2044	6,097.90
August 2035	254,562.70	April 2040	46,754.71	December 2044	5,824.63
September 2035	247,334.21	May 2040	45,267.09	January 2045	5,560.24
October 2035	240,301.52	June 2040	43,822.31	February 2045	5,304.48
November 2035	233,459.49	July 2040	42,419.21	March 2045	5,057.08
December 2035	226,803.10	August 2040	41,056.63	April 2045	4,817.81
January 2036	220,327.46	September 2040	39,733.48	May 2045	4,586.42
February 2036	214,027.81	October 2040	38,448.67	June 2045	4,362.68
March 2036	207,899.52	November 2040	37,201.14	July 2045	4,146.36
April 2036	201,938.05	December 2040	35,989.87	August 2045	3,937.25
May 2036	196,139.02	January 2041	34,813.86	September 2045	3,735.12
June 2036	190,498.14	February 2041	33,672.15	October 2045	3,539.78
July 2036	185,011.22	March 2041	32,563.79	November 2045	3,351.01
August 2036	179,674.19	April 2041	31,487.85	December 2045	3,168.63
September 2036	174,483.10	May 2041	30,443.44	January 2046	2,992.45
October 2036	169,434.08	June 2041	29,429.69	February 2046	2,822.27
November 2036	164,523.36	July 2041	28,445.75	March 2046	2,657.92
December 2036	159,747.29	August 2041	27,490.80	April 2046	2,499.21
January 2037	155,102.29	September 2041	26,564.02	May 2046	2,345.99
February 2037	150,584.88	October 2041	25,664.64	June 2046	2,198.08
March 2037	146,191.68	November 2041	24,791.90	July 2046	2,055.32
April 2037	141,919.40	December 2041	23,945.05	August 2046	1,917.56
May 2037	137,764.81	January 2042	23,123.38	September 2046	1,784.65
June 2037	133,724.79	February 2042	22,326.19	October 2046	1,656.43
July 2037	129,796.29	March 2042	21,552.78	November 2046	1,532.77
August 2037	125,976.34	April 2042	20,802.50	December 2046	1,413.51
September 2037	122,262.03	May 2042	20,074.69	January 2047	1,298.54
October 2037	118,650.57	June 2042	19,368.73	February 2047	1,187.71
November 2037	115,139.20	July 2042	18,684.01	March 2047	1,080.90
December 2037	111,725.25	August 2042	18,019.92	April 2047	977.98
January 2038	108,406.12	September 2042	17,375.89	May 2047	878.84
February 2038	105,179.28	October 2042	16,751.35	June 2047	783.35
March 2038	102,042.24	November 2042	16,145.76	July 2047	691.40
April 2038	98,992.62	December 2042	15,558.58	August 2047	602.88
May 2038	96,028.07	January 2043	14,989.29	September 2047	517.69
June 2038	93,146.30	February 2043	14,437.38	October 2047	435.71
July 2038	90,345.09	March 2043	13,902.36	November 2047	356.85
August 2038	87,622.29	April 2043	13,383.76	December 2047	281.00
September 2038	84,975.78	May 2043	12,881.11	January 2048	208.08
October 2038	82,403.52	June 2043	12,393.94	February 2048	137.99
November 2038	79,903.51	July 2043	11,921.83	March 2048	70.64
December 2038	77,473.79	August 2043	11,464.33	April 2048	5.94
January 2039	75,112.48	September 2043	11,021.04	May 2048 and thereafter	0.00

Aggregate Group III Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 26,321,000.00	April 2024	\$ 10,160,828.51	May 2029	\$ 2,016,554.67
April 2019	26,205,824.95	May 2024	9,898,952.01	June 2029	1,962,932.03
May 2019	26,081,270.16	June 2024	9,643,310.45	July 2029	1,910,702.73
June 2019	25,947,372.89	July 2024	9,394,175.73	August 2029	1,859,831.15
July 2019	25,804,177.48	August 2024	9,151,383.98	September 2029	1,810,282.56
August 2019	25,651,735.40	September 2024	8,914,775.45	October 2029	1,762,023.11
September 2019	25,490,105.22	October 2024	8,684,194.36	November 2029	1,715,019.81
October 2019	25,319,352.51	November 2024	8,459,488.83	December 2029	1,669,240.51
November 2019	25,139,549.84	December 2024	8,240,510.77	January 2030	1,624,653.86
December 2019	24,950,776.74	January 2025	8,027,115.80	February 2030	1,581,229.31
January 2020	24,753,119.58	February 2025	7,819,163.15	March 2030	1,538,937.08
February 2020	24,546,671.53	March 2025	7,616,515.57	April 2030	1,497,748.14
March 2020	24,331,532.48	April 2025	7,419,039.23	May 2030	1,457,634.21
April 2020	24,107,808.93	May 2025	7,226,603.66	June 2030	1,418,567.72
May 2020	23,875,613.91	June 2025	7,039,081.65	July 2030	1,380,521.79
June 2020	23,635,066.83	July 2025	6,856,349.17	August 2030	1,343,470.22
July 2020	23,386,293.38	August 2025	6,678,285.30	September 2030	1,307,387.48
August 2020	23,129,425.44	September 2025	6,504,772.14	October 2030	1,272,248.70
September 2020	22,864,600.89	October 2025	6,335,694.75	November 2030	1,238,029.61
October 2020	22,591,963.51	November 2025	6,170,941.06	December 2030	1,204,706.58
November 2020	22,311,662.77	December 2025	6,010,401.80	January 2031	1,172,256.58
December 2020	22,023,853.73	January 2026	5,853,970.45	February 2031	1,140,657.15
January 2021	21,728,696.86	February 2026	5,701,543.16	March 2031	1,109,886.40
February 2021	21,426,357.85	March 2026	5,553,018.67	April 2031	1,079,923.01
March 2021	21,117,007.43	April 2026	5,408,298.27	May 2031	1,050,746.19
April 2021	20,800,821.19	May 2026	5,267,285.71	June 2031	1,022,335.68
May 2021	20,477,979.40	June 2026	5,129,887.16	July 2031	994,671.74
June 2021	20,148,666.77	July 2026	4,996,011.15	August 2031	967,735.13
July 2021	19,821,590.56	August 2026	4,865,568.49	September 2031	941,507.09
August 2021	19,496,730.98	September 2026	4,738,472.23	October 2031	915,969.35
September 2021	19,174,068.44	October 2026	4,614,637.61	November 2031	891,104.09
October 2021	18,853,583.47	November 2026	4,493,981.99	December 2031	866,893.96
November 2021	18,535,256.76	December 2026	4,376,424.81	January 2032	843,322.04
December 2021	18,219,069.14	January 2027	4,261,887.52	February 2032	820,371.84
January 2022	17,905,001.58	February 2027	4,150,293.56	March 2032	798,027.30
February 2022	17,593,035.22	March 2027	4,041,568.27	April 2032	776,272.76
March 2022	17,283,151.30	April 2027	3,935,638.88	May 2032	755,092.96
April 2022	16,975,331.23	May 2027	3,832,434.45	June 2032	734,473.03
May 2022	16,669,556.57	June 2027	3,731,885.81	July 2032	714,398.48
June 2022	16,365,808.99	July 2027	3,633,925.54	August 2032	694,855.19
July 2022	16,064,070.33	August 2027	3,538,487.91	September 2032	675,829.39
August 2022	15,764,322.53	September 2027	3,445,508.84	October 2032	657,307.68
September 2022	15,466,547.69	October 2027	3,354,925.87	November 2032	639,276.99
October 2022	15,170,728.03	November 2027	3,266,678.10	December 2032	621,724.58
November 2022	14,876,845.91	December 2027	3,180,706.16	January 2033	604,638.05
December 2022	14,584,883.83	January 2028	3,096,952.19	February 2033	588,005.30
January 2023	14,294,824.42	February 2028	3,015,359.77	March 2033	571,814.55
February 2023	14,006,650.43	March 2028	2,935,873.90	April 2033	556,054.32
March 2023	13,720,344.76	April 2028	2,858,440.98	May 2033	540,713.42
April 2023	13,435,890.41	May 2028	2,783,008.75	June 2033	525,780.95
May 2023	13,153,270.52	June 2028	2,709,526.26	July 2033	511,246.28
June 2023	12,872,468.36	July 2028	2,637,943.85	August 2033	497,099.06
July 2023	12,593,467.32	August 2028	2,568,213.12	September 2033	483,329.20
August 2023	12,316,250.91	September 2028	2,500,286.87	October 2033	469,926.88
September 2023	12,040,802.76	October 2028	2,434,119.10	November 2033	456,882.52
October 2023	11,767,106.65	November 2028	2,369,664.98	December 2033	444,186.78
November 2023	11,495,146.47	December 2028	2,306,880.79	January 2034	431,830.58
December 2023	11,224,906.21	January 2029	2,245,723.93	February 2034	419,805.05
January 2024	10,956,369.98	February 2029	2,186,152.86	March 2034	408,101.56
February 2024	10,689,522.04	March 2029	2,128,127.10	April 2034	396,711.70
March 2024	10,424,346.72	April 2029	2,071,607.19	May 2034	385,627.28

Aggregate Group III (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
June 2034	\$ 374,840.31	January 2039	\$ 73,621.02	August 2043	\$ 10,938.03
July 2034	364,343.02	February 2039	71,356.70	September 2043	10,503.34
August 2034	354,127.82	March 2039	69,156.47	October 2043	10,082.25
September 2034	344,187.33	April 2039	67,018.60	November 2043	9,674.38
October 2034	334,514.35	May 2039	64,941.40	December 2043	9,279.34
November 2034	325,101.88	June 2039	62,923.22	January 2044	8,896.76
December 2034	315,943.08	July 2039	60,962.46	February 2044	8,526.28
January 2035	307,031.30	August 2039	59,057.56	March 2044	8,167.56
February 2035	298,360.06	September 2039	57,207.00	April 2044	7,820.25
March 2035	289,923.04	October 2039	55,409.30	May 2044	7,484.03
April 2035	281,714.08	November 2039	53,663.02	June 2044	7,158.57
May 2035	273,727.20	December 2039	51,966.76	July 2044	6,843.56
June 2035	265,956.55	January 2040	50,319.15	August 2044	6,538.69
July 2035	258,396.45	February 2040	48,718.87	September 2044	6,243.67
August 2035	251,041.35	March 2040	47,164.62	October 2044	5,958.22
September 2035	243,885.85	April 2040	45,655.15	November 2044	5,682.05
October 2035	236,924.69	May 2040	44,189.22	December 2044	5,414.89
November 2035	230,152.75	June 2040	42,765.65	January 2045	5,156.48
December 2035	223,565.03	July 2040	41,383.27	February 2045	4,906.56
January 2036	217,156.68	August 2040	40,040.95	March 2045	4,664.88
February 2036	210,922.95	September 2040	38,737.59	April 2045	4,431.20
March 2036	204,859.23	October 2040	37,472.12	May 2045	4,205.28
April 2036	198,961.03	November 2040	36,243.50	June 2045	3,986.89
May 2036	193,223.97	December 2040	35,050.71	July 2045	3,775.81
June 2036	187,643.78	January 2041	33,892.76	August 2045	3,571.82
July 2036	182,216.30	February 2041	32,768.69	September 2045	3,374.71
August 2036	176,937.49	March 2041	31,677.57	October 2045	3,184.27
September 2036	171,803.41	April 2041	30,618.48	November 2045	3,000.31
October 2036	166,810.22	May 2041	29,590.54	December 2045	2,822.63
November 2036	161,954.17	June 2041	28,592.88	January 2046	2,651.04
December 2036	157,231.63	July 2041	27,624.66	February 2046	2,485.36
January 2037	152,639.04	August 2041	26,685.07	March 2046	2,325.42
February 2037	148,172.95	September 2041	25,773.31	April 2046	2,171.04
March 2037	143,829.99	October 2041	24,888.60	May 2046	2,022.05
April 2037	139,606.88	November 2041	24,030.19	June 2046	1,878.29
May 2037	135,500.43	December 2041	23,197.35	July 2046	1,739.60
June 2037	131,507.53	January 2042	22,389.36	August 2046	1,605.82
July 2037	127,625.15	February 2042	21,605.53	September 2046	1,476.81
August 2037	123,850.34	March 2042	20,845.18	October 2046	1,352.42
September 2037	120,180.22	April 2042	20,107.66	November 2046	1,232.50
October 2037	116,612.00	May 2042	19,392.32	December 2046	1,116.92
November 2037	113,142.94	June 2042	18,698.54	January 2047	1,005.55
December 2037	109,770.40	July 2042	18,025.72	February 2047	898.26
January 2038	106,491.79	August 2042	17,373.26	March 2047	794.92
February 2038	103,304.59	September 2042	16,740.59	April 2047	695.41
March 2038	100,206.35	October 2042	16,127.15	May 2047	599.61
April 2038	97,194.68	November 2042	15,532.40	June 2047	507.40
May 2038	94,267.25	December 2042	14,955.81	July 2047	418.67
June 2038	91,421.81	January 2043	14,396.87	August 2047	333.32
July 2038	88,656.14	February 2043	13,855.08	September 2047	251.23
August 2038	85,968.10	March 2043	13,329.95	October 2047	172.31
September 2038	83,355.60	April 2043	12,821.00	November 2047	96.45
October 2038	80,816.60	May 2043	12,327.78	December 2047	23.56
November 2038	78,349.11	June 2043	11,849.83	January 2048 and thereafter	0.00
December 2038	75,951.21	July 2043	11,386.72		

Aggregate Group IV Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 57,597,610.00	June 2019	\$ 56,884,039.70	September 2019	\$ 55,975,574.01
April 2019	57,381,570.58	July 2019	56,602,724.16	October 2019	55,630,028.12
May 2019	57,143,687.64	August 2019	56,299,857.26	November 2019	55,263,391.85

Aggregate Group IV (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
December 2019	\$ 54,875,855.94	January 2025	\$ 18,500,251.68	February 2030	\$ 4,003,939.12
January 2020	54,467,629.37	February 2025	18,048,836.92	March 2030	3,902,870.21
February 2020	54,038,939.20	March 2025	17,608,244.67	April 2030	3,804,282.47
March 2020	53,590,030.33	April 2025	17,178,218.75	May 2030	3,708,116.16
April 2020	53,121,165.27	May 2025	16,758,509.04	June 2030	3,614,312.97
May 2020	52,632,623.87	June 2025	16,348,871.23	July 2030	3,522,815.93
June 2020	52,124,702.96	July 2025	15,949,066.79	August 2030	3,433,569.47
July 2020	51,597,716.12	August 2025	15,558,862.74	September 2030	3,346,519.33
August 2020	51,051,993.22	September 2025	15,178,031.61	October 2030	3,261,612.51
September 2020	50,487,880.12	October 2025	14,806,351.21	November 2030	3,178,797.32
October 2020	49,905,738.24	November 2025	14,443,604.63	December 2030	3,098,023.25
November 2020	49,305,944.13	December 2025	14,089,579.99	January 2031	3,019,241.02
December 2020	48,688,889.03	January 2026	13,744,070.43	February 2031	2,942,402.52
January 2021	48,054,978.38	February 2026	13,406,873.92	March 2031	2,867,460.77
February 2021	47,404,631.36	March 2026	13,077,793.19	April 2031	2,794,369.94
March 2021	46,738,280.35	April 2026	12,756,635.59	May 2031	2,723,085.25
April 2021	46,056,370.41	May 2026	12,443,213.00	June 2031	2,653,563.02
May 2021	45,359,358.70	June 2026	12,137,341.73	July 2031	2,585,760.59
June 2021	44,647,713.96	July 2026	11,838,842.40	August 2031	2,519,636.33
July 2021	43,921,915.89	August 2026	11,547,539.85	September 2031	2,455,149.59
August 2021	43,202,248.18	September 2026	11,263,263.02	October 2031	2,392,260.71
September 2021	42,488,651.37	October 2026	10,985,844.91	November 2031	2,330,930.95
October 2021	41,781,066.48	November 2026	10,715,122.40	December 2031	2,271,122.51
November 2021	41,079,435.11	December 2026	10,450,936.25	January 2032	2,212,798.50
December 2021	40,383,699.35	January 2027	10,193,130.94	February 2032	2,155,922.88
January 2022	39,693,801.81	February 2027	9,941,554.63	March 2032	2,100,460.50
February 2022	39,009,685.64	March 2027	9,696,059.03	April 2032	2,046,377.04
March 2022	38,331,294.46	April 2027	9,456,499.36	May 2032	1,993,638.99
April 2022	37,658,572.43	May 2027	9,222,734.24	June 2032	1,942,213.67
May 2022	36,991,464.18	June 2027	8,994,625.64	July 2032	1,892,069.14
June 2022	36,329,914.86	July 2027	8,772,038.74	August 2032	1,843,174.27
July 2022	35,673,870.09	August 2027	8,554,841.94	September 2032	1,795,498.62
August 2022	35,023,275.99	September 2027	8,342,906.72	October 2032	1,749,012.54
September 2022	34,378,079.16	October 2027	8,136,107.58	November 2032	1,703,687.03
October 2022	33,738,226.67	November 2027	7,934,322.01	December 2032	1,659,493.83
November 2022	33,103,666.07	December 2027	7,737,430.36	January 2033	1,616,405.34
December 2022	32,474,345.37	January 2028	7,545,315.82	February 2033	1,574,394.61
January 2023	31,850,213.05	February 2028	7,357,864.31	March 2033	1,533,435.36
February 2023	31,231,218.07	March 2028	7,174,964.48	April 2033	1,493,501.91
March 2023	30,617,309.80	April 2028	6,996,507.58	May 2033	1,454,569.22
April 2023	30,008,438.10	May 2028	6,822,387.44	June 2033	1,416,612.85
May 2023	29,404,553.28	June 2028	6,652,500.39	July 2033	1,379,608.93
June 2023	28,805,606.06	July 2028	6,486,745.21	August 2033	1,343,534.17
July 2023	28,211,547.62	August 2028	6,325,023.07	September 2033	1,308,365.85
August 2023	27,622,329.59	September 2028	6,167,237.47	October 2033	1,274,081.78
September 2023	27,037,904.01	October 2028	6,013,294.22	November 2033	1,240,660.32
October 2023	26,458,223.35	November 2028	5,863,101.31	December 2033	1,208,080.33
November 2023	25,883,240.51	December 2028	5,716,568.95	January 2034	1,176,321.19
December 2023	25,312,908.81	January 2029	5,573,609.43	February 2034	1,145,362.78
January 2024	24,747,181.99	February 2029	5,434,137.16	March 2034	1,115,185.45
February 2024	24,186,014.20	March 2029	5,298,068.53	April 2034	1,085,770.04
March 2024	23,629,359.98	April 2029	5,165,321.95	May 2034	1,057,097.84
April 2024	23,077,174.30	May 2029	5,035,817.74	June 2034	1,029,150.59
May 2024	22,529,412.52	June 2029	4,909,478.10	July 2034	1,001,910.47
June 2024	21,986,030.41	July 2029	4,786,227.08	August 2034	975,360.11
July 2024	21,451,150.59	August 2029	4,665,990.54	September 2034	949,482.52
August 2024	20,929,066.92	September 2029	4,548,696.08	October 2034	924,261.15
September 2024	20,419,477.01	October 2029	4,434,273.03	November 2034	899,679.83
October 2024	19,922,085.56	November 2029	4,322,652.38	December 2034	875,722.81
November 2024	19,436,604.19	December 2029	4,213,766.76	January 2035	852,374.69
December 2024	18,962,751.24	January 2030	4,107,550.41	February 2035	829,620.45

Aggregate Group IV (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
March 2035	\$ 807,445.44	November 2039	\$ 164,455.79	July 2044	\$ 24,761.17
April 2035	785,835.36	December 2039	159,565.27	August 2044	23,791.62
May 2035	764,776.25	January 2040	154,807.12	September 2044	22,851.61
June 2035	744,254.50	February 2040	150,177.95	October 2044	21,940.34
July 2035	724,256.81	March 2040	145,674.44	November 2044	21,057.00
August 2035	704,770.22	April 2040	141,293.36	December 2044	20,200.84
September 2035	685,782.08	May 2040	137,031.55	January 2045	19,371.10
October 2035	667,280.05	June 2040	132,885.96	February 2045	18,567.06
November 2035	649,252.07	July 2040	128,853.56	March 2045	17,788.01
December 2035	631,686.39	August 2040	124,931.46	April 2045	17,033.25
January 2036	614,571.55	September 2040	121,116.79	May 2045	16,302.11
February 2036	597,896.34	October 2040	117,406.79	June 2045	15,593.94
March 2036	581,649.86	November 2040	113,798.73	July 2045	14,908.10
April 2036	565,821.44	December 2040	110,289.98	August 2045	14,243.96
May 2036	550,400.69	January 2041	106,877.97	September 2045	13,600.92
June 2036	535,377.47	February 2041	103,560.18	October 2045	12,978.38
July 2036	520,741.87	March 2041	100,334.17	November 2045	12,375.78
August 2036	506,484.25	April 2041	97,197.54	December 2045	11,792.55
September 2036	492,595.19	May 2041	94,147.98	January 2046	11,228.15
October 2036	479,065.48	June 2041	91,183.21	February 2046	10,682.05
November 2036	465,886.16	July 2041	88,301.03	March 2046	10,153.74
December 2036	453,048.49	August 2041	85,499.26	April 2046	9,642.70
January 2037	440,543.93	September 2041	82,775.82	May 2046	9,148.44
February 2037	428,364.14	October 2041	80,128.66	June 2046	8,670.50
March 2037	416,501.00	November 2041	77,555.77	July 2046	8,208.41
April 2037	404,946.59	December 2041	75,055.21	August 2046	7,761.71
May 2037	393,693.18	January 2042	72,625.08	September 2046	7,329.97
June 2037	382,733.21	February 2042	70,263.52	October 2046	6,912.76
July 2037	372,059.32	March 2042	67,968.75	November 2046	6,509.65
August 2037	361,664.35	April 2042	65,738.98	December 2046	6,120.25
September 2037	351,541.28	May 2042	63,572.52	January 2047	5,744.16
October 2037	341,683.27	June 2042	61,467.69	February 2047	5,380.99
November 2037	332,083.67	July 2042	59,422.87	March 2047	5,030.37
December 2037	322,735.97	August 2042	57,436.46	April 2047	4,691.93
January 2038	313,633.82	September 2042	55,506.91	May 2047	4,365.33
February 2038	304,771.05	October 2042	53,632.73	June 2047	4,050.21
March 2038	296,141.60	November 2042	51,812.43	July 2047	3,746.23
April 2038	287,739.60	December 2042	50,044.59	August 2047	3,453.09
May 2038	279,559.29	January 2043	48,327.82	September 2047	3,170.44
June 2038	271,595.09	February 2043	46,660.74	October 2047	2,897.99
July 2038	263,841.51	March 2043	45,042.03	November 2047	2,635.44
August 2038	256,293.24	April 2043	43,470.41	December 2047	2,382.48
September 2038	248,945.07	May 2043	41,944.61	January 2048	2,138.84
October 2038	241,791.92	June 2043	40,463.41	February 2048	1,904.23
November 2038	234,828.86	July 2043	39,025.60	March 2048	1,678.40
December 2038	228,051.06	August 2043	37,630.03	April 2048	1,461.07
January 2039	221,453.81	September 2043	36,275.55	May 2048	1,251.99
February 2039	215,032.53	October 2043	34,961.07	June 2048	1,050.90
March 2039	208,782.72	November 2043	33,685.50	July 2048	857.58
April 2039	202,700.04	December 2043	32,447.79	August 2048	671.78
May 2039	196,780.21	January 2044	31,246.91	September 2048	493.28
June 2039	191,019.10	February 2044	30,081.88	October 2048	321.85
July 2039	185,412.63	March 2044	28,951.72	November 2048	157.28
August 2039	179,956.88	April 2044	27,855.48	December 2048 and thereafter	0.00
September 2039	174,647.97	May 2044	26,792.23		
October 2039	169,482.17	June 2044	25,761.09		

Aggregate Group V Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 57,526,742.00	May 2019	\$ 57,072,819.64	July 2019	\$ 56,531,856.16
April 2019	57,310,702.58	June 2019	56,813,171.70	August 2019	56,228,989.27

Aggregate Group V (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
September 2019	\$ 55,904,706.02	October 2024	\$ 19,852,643.25	November 2029	\$ 4,290,325.46
October 2019	55,559,160.13	November 2024	19,367,579.37	December 2029	4,181,978.89
November 2019	55,192,523.86	December 2024	18,894,165.63	January 2030	4,076,295.52
December 2019	54,804,987.95	January 2025	18,432,125.70	February 2030	3,973,211.11
January 2020	54,396,761.38	February 2025	17,981,189.76	March 2030	3,872,662.94
February 2020	53,968,071.21	March 2025	17,541,094.32	April 2030	3,774,589.81
March 2020	53,519,162.35	April 2025	17,111,582.09	May 2030	3,678,931.94
April 2020	53,050,297.29	May 2025	16,692,401.82	June 2030	3,585,631.00
May 2020	52,561,755.89	June 2025	16,283,308.17	July 2030	3,494,630.04
June 2020	52,053,834.99	July 2025	15,884,061.58	August 2030	3,405,873.46
July 2020	51,526,848.15	August 2025	15,494,428.12	September 2030	3,319,307.01
August 2020	50,981,125.25	September 2025	15,114,179.34	October 2030	3,234,877.69
September 2020	50,417,012.15	October 2025	14,743,092.20	November 2030	3,152,533.82
October 2020	49,834,870.27	November 2025	14,380,948.89	December 2030	3,072,224.89
November 2020	49,235,076.16	December 2025	14,027,536.73	January 2031	2,993,901.65
December 2020	48,618,021.06	January 2026	13,682,648.05	February 2031	2,917,516.00
January 2021	47,984,110.41	February 2026	13,346,080.06	March 2031	2,843,020.97
February 2021	47,333,763.40	March 2026	13,017,634.75	April 2031	2,770,370.76
March 2021	46,667,412.39	April 2026	12,697,118.79	May 2031	2,699,520.61
April 2021	45,985,502.45	May 2026	12,384,343.37	June 2031	2,630,426.86
May 2021	45,288,490.74	June 2026	12,079,124.17	July 2031	2,563,046.89
June 2021	44,576,846.01	July 2026	11,781,281.19	August 2031	2,497,339.10
July 2021	43,851,047.94	August 2026	11,490,638.67	September 2031	2,433,262.87
August 2021	43,131,380.23	September 2026	11,207,025.01	October 2031	2,370,778.57
September 2021	42,417,783.42	October 2026	10,930,272.64	November 2031	2,309,847.51
October 2021	41,710,198.54	November 2026	10,660,217.95	December 2031	2,250,431.92
November 2021	41,008,567.17	December 2026	10,396,701.20	January 2032	2,192,494.93
December 2021	40,312,831.41	January 2027	10,139,566.40	February 2032	2,136,000.58
January 2022	39,622,933.87	February 2027	9,888,661.25	March 2032	2,080,913.75
February 2022	38,938,817.70	March 2027	9,643,837.05	April 2032	2,027,200.15
March 2022	38,260,426.53	April 2027	9,404,948.61	May 2032	1,974,826.33
April 2022	37,587,704.50	May 2027	9,171,854.15	June 2032	1,923,759.65
May 2022	36,920,596.25	June 2027	8,944,415.27	July 2032	1,873,968.23
June 2022	36,259,046.93	July 2027	8,722,496.81	August 2032	1,825,420.96
July 2022	35,603,002.16	August 2027	8,505,966.82	September 2032	1,778,087.49
August 2022	34,952,408.06	September 2027	8,294,696.47	October 2032	1,731,938.19
September 2022	34,307,211.23	October 2027	8,088,559.96	November 2032	1,686,944.12
October 2022	33,667,358.74	November 2027	7,887,434.49	December 2032	1,643,077.08
November 2022	33,032,798.14	December 2027	7,691,200.14	January 2033	1,600,309.51
December 2022	32,403,477.44	January 2028	7,499,739.83	February 2033	1,558,614.52
January 2023	31,779,345.13	February 2028	7,312,939.26	March 2033	1,517,965.88
February 2023	31,160,350.15	March 2028	7,130,686.83	April 2033	1,478,337.98
March 2023	30,546,441.88	April 2028	6,952,873.58	May 2033	1,439,705.82
April 2023	29,937,570.19	May 2028	6,779,393.13	June 2033	1,402,045.02
May 2023	29,333,685.37	June 2028	6,610,141.63	July 2033	1,365,331.76
June 2023	28,734,738.15	July 2028	6,445,017.66	August 2033	1,329,542.81
July 2023	28,140,679.71	August 2028	6,283,922.23	September 2033	1,294,655.51
August 2023	27,551,461.68	September 2028	6,126,758.70	October 2033	1,260,647.72
September 2023	26,967,036.10	October 2028	5,973,432.68	November 2033	1,227,497.86
October 2023	26,387,355.45	November 2028	5,823,852.07	December 2033	1,195,184.85
November 2023	25,812,372.61	December 2028	5,677,926.92	January 2034	1,163,688.12
December 2023	25,242,040.91	January 2029	5,535,569.41	February 2034	1,132,987.61
January 2024	24,676,314.09	February 2029	5,396,693.83	March 2034	1,103,063.73
February 2024	24,115,146.30	March 2029	5,261,216.49	April 2034	1,073,897.36
March 2024	23,558,492.08	April 2029	5,129,055.67	May 2034	1,045,469.87
April 2024	23,006,306.41	May 2029	5,000,131.61	June 2034	1,017,763.04
May 2024	22,458,544.63	June 2029	4,874,366.44	July 2034	990,759.12
June 2024	21,915,162.51	July 2029	4,751,684.14	August 2034	964,440.78
July 2024	21,380,599.55	August 2029	4,632,010.49	September 2034	938,791.09
August 2024	20,858,860.08	September 2029	4,515,273.03	October 2034	913,793.57
September 2024	20,349,640.22	October 2029	4,401,401.04	November 2034	889,432.11

Aggregate Group V (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
December 2034	\$ 865,690.98	September 2039	\$ 172,000.65	June 2044	\$ 25,275.49
January 2035	842,554.86	October 2039	166,902.16	July 2044	24,292.82
February 2035	820,008.79	November 2039	161,941.63	August 2044	23,340.07
March 2035	798,038.15	December 2039	157,115.53	September 2044	22,416.42
April 2035	776,628.72	January 2040	152,420.40	October 2044	21,521.08
May 2035	755,766.58	February 2040	147,852.86	November 2044	20,653.26
June 2035	735,438.18	March 2040	143,409.63	December 2044	19,812.21
July 2035	715,630.27	April 2040	139,087.50	January 2045	18,997.18
August 2035	696,329.95	May 2040	134,883.35	February 2045	18,207.46
September 2035	677,524.61	June 2040	130,794.12	March 2045	17,442.34
October 2035	659,201.97	July 2040	126,816.86	April 2045	16,701.15
November 2035	641,350.02	August 2040	122,948.65	May 2045	15,983.21
December 2035	623,957.06	September 2040	119,186.67	June 2045	15,287.88
January 2036	607,011.67	October 2040	115,528.18	July 2045	14,614.53
February 2036	590,502.71	November 2040	111,970.48	August 2045	13,962.55
March 2036	574,419.32	December 2040	108,510.96	September 2045	13,331.33
April 2036	558,750.88	January 2041	105,147.06	October 2045	12,720.29
May 2036	543,487.06	February 2041	101,876.29	November 2045	12,128.87
June 2036	528,617.74	March 2041	98,696.23	December 2045	11,556.52
July 2036	514,133.09	April 2041	95,604.51	January 2046	11,002.69
August 2036	500,023.50	May 2041	92,598.83	February 2046	10,466.86
September 2036	486,279.59	June 2041	89,676.94	March 2046	9,948.53
October 2036	472,892.22	July 2041	86,836.64	April 2046	9,447.19
November 2036	459,852.46	August 2041	84,075.81	May 2046	8,962.37
December 2036	447,151.61	September 2041	81,392.35	June 2046	8,493.58
January 2037	434,781.18	October 2041	78,784.24	July 2046	8,040.39
February 2037	422,732.89	November 2041	76,249.49	August 2046	7,602.33
March 2037	410,998.65	December 2041	73,786.19	September 2046	7,178.98
April 2037	399,570.58	January 2042	71,392.44	October 2046	6,769.91
May 2037	388,440.99	February 2042	69,066.42	November 2046	6,374.71
June 2037	377,602.37	March 2042	66,806.33	December 2046	5,992.98
July 2037	367,047.42	April 2042	64,610.45	January 2047	5,624.33
August 2037	356,768.98	May 2042	62,477.06	February 2047	5,268.39
September 2037	346,760.10	June 2042	60,404.52	March 2047	4,924.78
October 2037	337,013.99	July 2042	58,391.22	April 2047	4,593.14
November 2037	327,524.00	August 2042	56,435.57	May 2047	4,273.13
December 2037	318,283.70	September 2042	54,536.06	June 2047	3,964.40
January 2038	309,286.76	October 2042	52,691.18	July 2047	3,666.62
February 2038	300,527.03	November 2042	50,899.49	August 2047	3,379.48
March 2038	291,998.53	December 2042	49,159.56	September 2047	3,102.65
April 2038	283,695.39	January 2043	47,470.01	October 2047	2,835.83
May 2038	275,611.92	February 2043	45,829.51	November 2047	2,578.73
June 2038	267,742.54	March 2043	44,236.72	December 2047	2,331.06
July 2038	260,081.82	April 2043	42,690.39	January 2048	2,092.54
August 2038	252,624.48	May 2043	41,189.25	February 2048	1,862.88
September 2038	245,365.34	June 2043	39,732.10	March 2048	1,641.84
October 2038	238,299.36	July 2043	38,317.75	April 2048	1,429.14
November 2038	231,421.65	August 2043	36,945.06	May 2048	1,224.54
December 2038	224,727.39	September 2043	35,612.89	June 2048	1,027.79
January 2039	218,211.92	October 2043	34,320.16	July 2048	838.66
February 2039	211,870.68	November 2043	33,065.79	August 2048	656.91
March 2039	205,699.23	December 2043	31,848.75	September 2048	482.31
April 2039	199,693.24	January 2044	30,668.02	October 2048	314.66
May 2039	193,848.46	February 2044	29,522.63	November 2048	153.73
June 2039	188,160.78	March 2044	28,411.60	December 2048 and thereafter	0.00
July 2039	182,626.19	April 2044	27,334.00		
August 2039	177,240.75	May 2044	26,288.93		

Aggregate Group VI Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 69,626,890.00	April 2024	\$ 35,499,535.39	May 2029	\$ 13,736,355.92
April 2019	69,312,328.58	May 2024	34,996,471.32	June 2029	13,516,608.11
May 2019	68,977,650.16	June 2024	34,497,166.96	July 2029	13,300,137.34
June 2019	68,623,021.07	July 2024	34,001,590.25	August 2029	13,086,896.58
July 2019	68,248,623.06	August 2024	33,509,709.39	September 2029	12,876,839.46
August 2019	67,854,653.21	September 2024	33,021,492.83	October 2029	12,669,920.26
September 2019	67,441,323.70	October 2024	32,536,909.27	November 2029	12,466,093.91
October 2019	67,008,861.63	November 2024	32,055,927.64	December 2029	12,265,315.96
November 2019	66,557,508.84	December 2024	31,578,517.12	January 2030	12,067,542.58
December 2019	66,087,521.63	January 2025	31,104,647.13	February 2030	11,872,730.58
January 2020	65,599,170.56	February 2025	30,634,287.33	March 2030	11,680,837.35
February 2020	65,092,740.12	March 2025	30,167,407.60	April 2030	11,491,820.89
March 2020	64,568,528.51	April 2025	29,706,144.21	May 2030	11,305,639.80
April 2020	64,026,847.28	May 2025	29,251,594.78	June 2030	11,122,253.24
May 2020	63,468,021.03	June 2025	28,803,664.31	July 2030	10,941,620.96
June 2020	62,892,387.07	July 2025	28,362,259.15	August 2030	10,763,703.27
July 2020	62,300,295.02	August 2025	27,927,286.93	September 2030	10,588,461.04
August 2020	61,692,106.51	September 2025	27,498,656.56	October 2030	10,415,855.70
September 2020	61,068,194.72	October 2025	27,076,278.23	November 2030	10,245,849.20
October 2020	60,428,944.02	November 2025	26,660,063.37	December 2030	10,078,404.03
November 2020	59,774,749.50	December 2025	26,249,924.66	January 2031	9,913,483.24
December 2020	59,106,016.58	January 2026	25,845,775.98	February 2031	9,751,050.36
January 2021	58,423,160.56	February 2026	25,447,532.40	March 2031	9,591,069.45
February 2021	57,745,575.40	March 2026	25,055,110.20	April 2031	9,433,505.08
March 2021	57,073,217.26	April 2026	24,668,426.79	May 2031	9,278,322.31
April 2021	56,406,042.64	May 2026	24,287,400.77	June 2031	9,125,486.71
May 2021	55,744,008.40	June 2026	23,911,951.84	July 2031	8,974,964.31
June 2021	55,087,071.71	July 2026	23,542,000.83	August 2031	8,826,721.63
July 2021	54,435,190.08	August 2026	23,177,469.69	September 2031	8,680,725.66
August 2021	53,788,321.36	September 2026	22,818,281.43	October 2031	8,536,943.88
September 2021	53,146,423.74	October 2026	22,464,360.15	November 2031	8,395,344.19
October 2021	52,509,455.70	November 2026	22,115,631.00	December 2031	8,255,894.96
November 2021	51,877,376.09	December 2026	21,772,020.18	January 2032	8,118,565.01
December 2021	51,250,144.05	January 2027	21,433,454.92	February 2032	7,983,323.60
January 2022	50,627,719.05	February 2027	21,099,863.45	March 2032	7,850,140.42
February 2022	50,010,060.87	March 2027	20,771,175.02	April 2032	7,718,985.59
March 2022	49,397,129.62	April 2027	20,447,319.87	May 2032	7,589,829.64
April 2022	48,788,885.71	May 2027	20,128,229.18	June 2032	7,462,643.54
May 2022	48,185,289.85	June 2027	19,813,835.13	July 2032	7,337,398.66
June 2022	47,586,303.08	July 2027	19,504,070.83	August 2032	7,214,066.76
July 2022	46,991,886.72	August 2027	19,198,870.31	September 2032	7,092,620.02
August 2022	46,402,002.42	September 2027	18,898,168.55	October 2032	6,973,031.01
September 2022	45,816,612.09	October 2027	18,601,901.42	November 2032	6,855,272.67
October 2022	45,235,677.97	November 2027	18,310,005.68	December 2032	6,739,318.34
November 2022	44,659,162.59	December 2027	18,022,419.00	January 2033	6,625,141.74
December 2022	44,087,028.76	January 2028	17,739,079.88	February 2033	6,512,716.96
January 2023	43,519,239.59	February 2028	17,459,927.72	March 2033	6,402,018.43
February 2023	42,955,758.48	March 2028	17,184,902.74	April 2033	6,293,020.99
March 2023	42,396,549.10	April 2028	16,913,946.02	May 2033	6,185,699.80
April 2023	41,841,575.42	May 2028	16,646,999.44	June 2033	6,080,030.38
May 2023	41,290,801.68	June 2028	16,384,005.70	July 2033	5,975,988.60
June 2023	40,744,192.41	July 2028	16,124,908.31	August 2033	5,873,550.68
July 2023	40,201,712.41	August 2028	15,869,651.56	September 2033	5,772,693.17
August 2023	39,663,326.74	September 2028	15,618,180.54	October 2033	5,673,392.94
September 2023	39,129,000.76	October 2028	15,370,441.07	November 2033	5,575,627.21
October 2023	38,598,700.09	November 2028	15,126,379.76	December 2033	5,479,373.51
November 2023	38,072,390.60	December 2028	14,885,943.97	January 2034	5,384,609.70
December 2023	37,550,038.45	January 2029	14,649,081.77	February 2034	5,291,313.94
January 2024	37,031,610.04	February 2029	14,415,741.98	March 2034	5,199,464.71
February 2024	36,517,072.07	March 2029	14,185,874.14	April 2034	5,109,040.79
March 2024	36,006,391.45	April 2029	13,959,428.47	May 2034	5,020,021.27

Aggregate Group VI (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
June 2034	\$ 4,932,385.52	February 2039	\$ 1,712,373.77	October 2043	\$ 445,313.01
July 2034	4,846,113.23	March 2039	1,677,452.95	November 2043	432,231.13
August 2034	4,761,184.36	April 2039	1,643,111.00	December 2043	419,390.34
September 2034	4,677,579.16	May 2039	1,609,339.13	January 2044	406,786.77
October 2034	4,595,278.15	June 2039	1,576,128.68	February 2044	394,416.67
November 2034	4,514,262.16	July 2039	1,543,471.11	March 2044	382,276.28
December 2034	4,434,512.25	August 2039	1,511,358.02	April 2044	370,361.96
January 2035	4,356,009.77	September 2039	1,479,781.10	May 2044	358,670.07
February 2035	4,278,736.35	October 2039	1,448,732.20	June 2044	347,197.06
March 2035	4,202,673.87	November 2039	1,418,203.27	July 2044	335,939.41
April 2035	4,127,804.45	December 2039	1,388,186.36	August 2044	324,893.67
May 2035	4,054,110.50	January 2040	1,358,673.66	September 2044	314,056.44
June 2035	3,981,574.64	February 2040	1,329,657.46	October 2044	303,424.35
July 2035	3,910,179.78	March 2040	1,301,130.18	November 2044	292,994.10
August 2035	3,839,909.05	April 2040	1,273,084.34	December 2044	282,762.45
September 2035	3,770,745.82	May 2040	1,245,512.55	January 2045	272,726.17
October 2035	3,702,673.70	June 2040	1,218,407.55	February 2045	262,882.12
November 2035	3,635,676.55	July 2040	1,191,762.19	March 2045	253,227.18
December 2035	3,569,738.44	August 2040	1,165,569.40	April 2045	243,758.28
January 2036	3,504,843.67	September 2040	1,139,822.24	May 2045	234,472.42
February 2036	3,440,976.78	October 2040	1,114,513.86	June 2045	225,366.61
March 2036	3,378,122.51	November 2040	1,089,637.50	July 2045	216,437.93
April 2036	3,316,265.84	December 2040	1,065,186.51	August 2045	207,683.50
May 2036	3,255,391.95	January 2041	1,041,154.34	September 2045	199,100.46
June 2036	3,195,486.23	February 2041	1,017,534.53	October 2045	190,686.04
July 2036	3,136,534.30	March 2041	994,320.71	November 2045	182,437.46
August 2036	3,078,521.95	April 2041	971,506.61	December 2045	174,352.01
September 2036	3,021,435.22	May 2041	949,086.05	January 2046	166,427.03
October 2036	2,965,260.31	June 2041	927,052.94	February 2046	158,659.87
November 2036	2,909,983.63	July 2041	905,401.29	March 2046	151,047.95
December 2036	2,855,591.80	August 2041	884,125.17	April 2046	143,588.71
January 2037	2,802,071.62	September 2041	863,218.77	May 2046	136,279.63
February 2037	2,749,410.07	October 2041	842,676.35	June 2046	129,118.24
March 2037	2,697,594.33	November 2041	822,492.24	July 2046	122,102.10
April 2037	2,646,611.76	December 2041	802,660.88	August 2046	115,228.80
May 2037	2,596,449.91	January 2042	783,176.77	September 2046	108,495.99
June 2037	2,547,096.49	February 2042	764,034.51	October 2046	101,901.32
July 2037	2,498,539.40	March 2042	745,228.76	November 2046	95,442.50
August 2037	2,450,766.73	April 2042	726,754.27	December 2046	89,117.27
September 2037	2,403,766.70	May 2042	708,605.87	January 2047	82,923.41
October 2037	2,357,527.73	June 2042	690,778.46	February 2047	76,858.73
November 2037	2,312,038.40	July 2042	673,267.02	March 2047	70,921.06
December 2037	2,267,287.47	August 2042	656,066.59	April 2047	65,108.28
January 2038	2,223,263.82	September 2042	639,172.30	May 2047	59,418.30
February 2038	2,179,956.53	October 2042	622,579.34	June 2047	53,849.05
March 2038	2,137,354.82	November 2042	606,282.99	July 2047	48,398.51
April 2038	2,095,448.08	December 2042	590,278.57	August 2047	43,064.68
May 2038	2,054,225.83	January 2043	574,561.50	September 2047	37,845.58
June 2038	2,013,677.75	February 2043	559,127.24	October 2047	32,739.29
July 2038	1,973,793.69	March 2043	543,971.34	November 2047	27,743.88
August 2038	1,934,563.61	April 2043	529,089.40	December 2047	22,857.49
September 2038	1,895,977.65	May 2043	514,477.10	January 2048	18,078.27
October 2038	1,858,026.07	June 2043	500,130.16	February 2048	13,404.38
November 2038	1,820,699.27	July 2043	486,044.39	March 2048	8,834.04
December 2038	1,783,987.82	August 2043	472,215.65	April 2048	4,365.48
January 2039	1,747,882.37	September 2043	458,639.87	May 2048 and thereafter	0.00

Aggregate Group VII Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 35,477,000.00	April 2024	\$ 14,783,502.69	May 2029	\$ 3,090,385.22
April 2019	35,332,430.23	May 2024	14,435,340.21	June 2029	3,010,617.50
May 2019	35,176,437.49	June 2024	14,088,966.58	July 2029	2,932,859.25
June 2019	35,009,058.42	July 2024	13,744,366.51	August 2029	2,857,060.69
July 2019	34,830,337.24	August 2024	13,401,524.81	September 2029	2,783,173.26
August 2019	34,640,325.80	September 2024	13,065,411.95	October 2029	2,711,149.59
September 2019	34,439,083.50	October 2024	12,737,597.45	November 2029	2,640,943.49
October 2019	34,226,677.33	November 2024	12,417,878.76	December 2029	2,572,509.88
November 2019	34,003,181.76	December 2024	12,106,058.23	January 2030	2,505,804.78
December 2019	33,768,678.71	January 2025	11,801,943.02	February 2030	2,440,785.29
January 2020	33,523,257.52	February 2025	11,505,344.92	March 2030	2,377,409.58
February 2020	33,267,014.85	March 2025	11,216,080.31	April 2030	2,315,636.83
March 2020	33,000,054.61	April 2025	10,933,970.00	May 2030	2,255,427.22
April 2020	32,722,487.89	May 2025	10,658,839.13	June 2030	2,196,741.90
May 2020	32,434,432.86	June 2025	10,390,517.10	July 2030	2,139,542.99
June 2020	32,136,014.67	July 2025	10,128,837.43	August 2030	2,083,793.53
July 2020	31,827,365.32	August 2025	9,873,637.67	September 2030	2,029,457.46
August 2020	31,508,623.57	September 2025	9,624,759.31	October 2030	1,976,499.62
September 2020	31,179,934.83	October 2025	9,382,047.69	November 2030	1,924,885.71
October 2020	30,841,450.97	November 2025	9,145,351.89	December 2030	1,874,582.26
November 2020	30,493,330.25	December 2025	8,914,524.65	January 2031	1,825,556.62
December 2020	30,135,737.10	January 2026	8,689,422.29	February 2031	1,777,776.97
January 2021	29,768,842.02	February 2026	8,469,904.61	March 2031	1,731,212.24
February 2021	29,392,821.41	March 2026	8,255,834.80	April 2031	1,685,832.14
March 2021	29,007,857.37	April 2026	8,047,079.38	May 2031	1,641,607.13
April 2021	28,614,137.57	May 2026	7,843,508.12	June 2031	1,598,508.38
May 2021	28,211,855.01	June 2026	7,644,993.94	July 2031	1,556,507.78
June 2021	27,801,207.89	July 2026	7,451,412.83	August 2031	1,515,577.91
July 2021	27,382,399.39	August 2026	7,262,643.82	September 2031	1,475,692.03
August 2021	26,965,961.51	September 2026	7,078,568.87	October 2031	1,436,824.03
September 2021	26,551,875.28	October 2026	6,899,072.78	November 2031	1,398,948.49
October 2021	26,140,121.85	November 2026	6,724,043.19	December 2031	1,362,040.58
November 2021	25,730,682.48	December 2026	6,553,370.45	January 2032	1,326,076.10
December 2021	25,323,538.55	January 2027	6,386,947.56	February 2032	1,291,031.43
January 2022	24,918,671.58	February 2027	6,224,670.16	March 2032	1,256,883.55
February 2022	24,516,063.18	March 2027	6,066,436.38	April 2032	1,223,609.99
March 2022	24,115,695.11	April 2027	5,912,146.87	May 2032	1,191,188.85
April 2022	23,717,549.21	May 2027	5,761,704.67	June 2032	1,159,598.77
May 2022	23,321,607.47	June 2027	5,615,015.19	July 2032	1,128,818.90
June 2022	22,927,851.97	July 2027	5,471,986.14	August 2032	1,098,828.92
July 2022	22,536,264.92	August 2027	5,332,527.47	September 2032	1,069,609.01
August 2022	22,146,828.63	September 2027	5,196,551.33	October 2032	1,041,139.84
September 2022	21,759,525.54	October 2027	5,063,972.00	November 2032	1,013,402.54
October 2022	21,374,338.19	November 2027	4,934,705.86	December 2032	986,378.74
November 2022	20,991,249.22	December 2027	4,808,671.32	January 2033	960,050.50
December 2022	20,610,241.41	January 2028	4,685,788.76	February 2033	934,400.32
January 2023	20,231,297.62	February 2028	4,565,980.54	March 2033	909,411.15
February 2023	19,854,400.84	March 2028	4,449,170.88	April 2033	885,066.35
March 2023	19,479,534.15	April 2028	4,335,285.85	May 2033	861,349.70
April 2023	19,106,680.75	May 2028	4,224,253.34	June 2033	838,245.37
May 2023	18,735,823.95	June 2028	4,116,002.98	July 2033	815,737.94
June 2023	18,366,947.14	July 2028	4,010,466.13	August 2033	793,812.35
July 2023	18,000,033.85	August 2028	3,907,575.81	September 2033	772,453.93
August 2023	17,635,067.68	September 2028	3,807,266.69	October 2033	751,648.37
September 2023	17,272,032.37	October 2028	3,709,475.03	November 2033	731,381.72
October 2023	16,910,911.72	November 2028	3,614,138.63	December 2033	711,640.35
November 2023	16,551,689.67	December 2028	3,521,196.84	January 2034	692,411.00
December 2023	16,194,350.24	January 2029	3,430,590.46	February 2034	673,680.73
January 2024	15,838,877.55	February 2029	3,342,261.75	March 2034	655,436.91
February 2024	15,485,255.83	March 2029	3,256,154.38	April 2034	637,667.24
March 2024	15,133,469.40	April 2029	3,172,213.41	May 2034	620,359.70

Aggregate Group VII (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
June 2034	\$ 603,502.61	February 2039	\$ 120,541.28	October 2043	\$ 18,197.87
July 2034	587,084.54	March 2039	116,932.29	November 2043	17,493.27
August 2034	571,094.36	April 2039	113,422.52	December 2043	16,810.16
September 2034	555,521.23	May 2039	110,009.36	January 2044	16,147.93
October 2034	540,354.55	June 2039	106,690.27	February 2044	15,505.99
November 2034	525,584.02	July 2039	103,462.77	March 2044	14,883.79
December 2034	511,199.57	August 2039	100,324.47	April 2044	14,280.78
January 2035	497,191.38	September 2039	97,273.00	May 2044	13,696.40
February 2035	483,549.90	October 2039	94,306.07	June 2044	13,130.15
March 2035	470,265.78	November 2039	91,421.47	July 2044	12,581.50
April 2035	457,329.95	December 2039	88,617.00	August 2044	12,049.98
May 2035	444,733.53	January 2040	85,890.57	September 2044	11,535.08
June 2035	432,467.86	February 2040	83,240.10	October 2044	11,036.35
July 2035	420,524.53	March 2040	80,663.57	November 2044	10,553.33
August 2035	408,895.31	April 2040	78,159.05	December 2044	10,085.57
September 2035	397,572.18	May 2040	75,724.60	January 2045	9,632.63
October 2035	386,547.33	June 2040	73,358.38	February 2045	9,194.11
November 2035	375,813.14	July 2040	71,058.57	March 2045	8,769.58
December 2035	365,362.18	August 2040	68,823.40	April 2045	8,358.65
January 2036	355,187.21	September 2040	66,651.16	May 2045	7,960.93
February 2036	345,281.16	October 2040	64,540.17	June 2045	7,576.04
March 2036	335,637.16	November 2040	62,488.79	July 2045	7,203.61
April 2036	326,248.48	December 2040	60,495.44	August 2045	6,843.30
May 2036	317,108.59	January 2041	58,558.56	September 2045	6,494.74
June 2036	308,211.10	February 2041	56,676.65	October 2045	6,157.59
July 2036	299,549.80	March 2041	54,848.23	November 2045	5,831.54
August 2036	291,118.62	April 2041	53,071.87	December 2045	5,516.26
September 2036	282,911.64	May 2041	51,346.18	January 2046	5,211.43
October 2036	274,923.11	June 2041	49,669.79	February 2046	4,916.76
November 2036	267,147.41	July 2041	48,041.38	March 2046	4,631.94
December 2036	259,579.06	August 2041	46,459.66	April 2046	4,356.69
January 2037	252,212.72	September 2041	44,923.38	May 2046	4,090.73
February 2037	245,043.19	October 2041	43,431.30	June 2046	3,833.80
March 2037	238,065.38	November 2041	41,982.23	July 2046	3,585.61
April 2037	231,274.36	December 2041	40,575.02	August 2046	3,345.92
May 2037	224,665.30	January 2042	39,208.53	September 2046	3,114.48
June 2037	218,233.50	February 2042	37,881.66	October 2046	2,891.04
July 2037	211,974.39	March 2042	36,593.33	November 2046	2,675.37
August 2037	205,883.48	April 2042	35,342.51	December 2046	2,467.23
September 2037	199,956.44	May 2042	34,128.17	January 2047	2,266.41
October 2037	194,189.01	June 2042	32,949.31	February 2047	2,072.68
November 2037	188,577.07	July 2042	31,804.98	March 2047	1,885.83
December 2037	183,116.57	August 2042	30,694.23	April 2047	1,705.65
January 2038	177,803.58	September 2042	29,616.15	May 2047	1,531.96
February 2038	172,634.29	October 2042	28,569.84	June 2047	1,364.54
March 2038	167,604.95	November 2042	27,554.44	July 2047	1,203.21
April 2038	162,711.92	December 2042	26,569.10	August 2047	1,047.80
May 2038	157,951.66	January 2043	25,612.99	September 2047	898.11
June 2038	153,320.70	February 2043	24,685.31	October 2047	753.97
July 2038	148,815.69	March 2043	23,785.29	November 2047	615.22
August 2038	144,433.33	April 2043	22,912.15	December 2047	481.69
September 2038	140,170.43	May 2043	22,065.16	January 2048	353.22
October 2038	136,023.86	June 2043	21,243.61	February 2048	229.65
November 2038	131,990.59	July 2043	20,446.77	March 2048	110.84
December 2038	128,067.65	August 2043	19,673.98	April 2048 and thereafter	0.00
January 2039	124,252.15	September 2043	18,924.56		

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.

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Fannie Mae REMIC Trust 2019-13

PROSPECTUS SUPPLEMENT

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Citigroup

March 26, 2019
