

\$598,212,947



Fannie Mae®

**Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2019-1**

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 certificates backed by Fannie Mae MBS.

The mortgage loans backing the underlying REMIC 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
HF	1	\$ 54,987,982	PT	(2)	FLT	3136B3ZE3	February 2049
HS	1	54,987,982(3)	NTL	(2)	INV/IO	3136B3ZF0	February 2049
HA ...	1	17,000,000	PAC	3.50%	FIX	3136B3ZG8	February 2046
HQ ...	1	5,326,000	PAC	3.50	FIX	3136B3ZH6	February 2049
FH	1	3,014,662	SUP	(2)	FLT	3136B3ZJ2	February 2049
SH	1	2,153,330	SUP	(2)	INV	3136B3ZK9	February 2049
LE	2	26,800,000	SEQ/AD	3.00	FIX	3136B3ZL7	February 2048
ZL	2	830,435	SEQ	3.00	FIX/Z	3136B3ZM5	February 2049
CA ...	3	57,958,545	SC/PT	3.25	FIX	3136B3ZN3	September 2043
CI	3	4,139,896(3)	NTL	3.50	FIX/IO	3136B3ZP8	September 2043
GD ...	4	90,635,000	SEQ	3.25	FIX	3136B3ZQ6	February 2046
GI	4	6,473,928(3)	NTL	3.50	FIX/IO	3136B3ZR4	February 2046
VG(4) .	4	5,429,000	SEQ/AD	3.50	FIX	3136B3ZS2	May 2030
GV(4) .	4	5,901,000	SEQ/AD	3.50	FIX	3136B3ZT0	January 2039
GZ(4) .	4	11,329,037	SEQ	3.50	FIX/Z	3136B3ZU7	February 2049
NF	5	29,715,994	PT	(2)	FLT	3136B3ZV5	February 2049
NS	5	29,715,994(3)	NTL	(2)	INV/IO	3136B3ZW3	February 2049
NA ...	5	9,127,000	PAC	3.50	FIX	3136B3ZX1	January 2046
NQ ...	5	2,940,000	PAC	3.50	FIX	3136B3ZY9	February 2049
NC(4) .	5	1,395,499	SUP	3.00	FIX	3136B3ZZ6	February 2049
ND(4) .	5	1,395,499	SUP	4.00	FIX	3136B3A26	February 2049
KP	6	50,000,000	PAC/AD	3.25	FIX	3136B3A34	February 2049
ZK ...	6	115,000	PAC/AD	3.25	FIX/Z	3136B3A42	February 2049
KI	6	13,920,833(3)	NTL	4.50	FIX/IO	3136B3A59	February 2049
KZ ...	6	18,835,000	SUP	4.50	FIX/Z	3136B3A67	February 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 GE, N, A, AB, BD, BE, BG, BH, BJ, BK, BM, BN, BA, MC, MD, ME, MG, MH, MJ, MK, MN and MA Classes are the RCR classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and "Description of the Certificates-Combination and Recombination-RCR Certificates" in the REMIC prospectus.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be January 30, 2019.

Carefully consider the risk factors starting on page S-9 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.

Wells Fargo Securities

The date of this Prospectus Supplement is January 25, 2019

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
SY	7	\$ 7,512,839	SC/SEQ/AD	(2)	INV	3136B3A75	December 2042
SZ	7	100,000	SC/SEQ	(2)	INV/Z	3136B3A83	December 2042
IC	8	3,867,563(3)	NTL	(2)	INV/IO	3136B3A91	May 2043
OA	8	1,000,000	SC/SEQ	0.00	PO	3136B3B25	May 2043
OB	8	1,000,000	SC/SEQ	0.00	PO	3136B3B33	May 2043
OC	8	1,867,563	SC/PT	0.00	PO	3136B3B41	May 2043
FA	9	57,220,209	PT	(2)	FLT	3136B3B58	February 2049
SA	9	57,220,209(3)	NTL	(2)	INV/IO	3136B3B66	February 2049
AM(4) .	9	10,226,609	SEQ	3.50	FIX	3136B3B74	May 2045
AL(4) .	9	4,078,444	SEQ	3.50	FIX	3136B3B82	February 2049
AF	10	26,604,170	PT	(2)	FLT	3136B3B90	February 2049
AS	10	26,604,170(3)	NTL	(2)	INV/IO	3136B3C24	February 2049
BC(4) .	10	17,761,248	SEQ	2.00	FIX	3136B3C32	June 2044
BI(4) .	10	5,328,374(3)	NTL	5.00	FIX/IO	3136B3C40	June 2044
BL(4) .	10	8,842,922	SEQ	3.50	FIX	3136B3C57	February 2049
MB(4) .	11	45,187,000	PAC/AD	2.00	FIX	3136B3C65	February 2049
MI(4) .	11	15,062,333(3)	NTL	4.50	FIX/IO	3136B3C73	February 2049
ML . . .	11	200,000	PAC/AD	3.50	FIX	3136B3C81	February 2049
ZM . . .	11	21,722,960	SUP	3.50	FIX/Z	3136B3C99	February 2049
IO	11	14,913,324(3)	NTL	4.50	FIX/IO	3136B3D23	February 2049
R		0	NPR	0	NPR	3136B3D31	February 2049
RL		0	NPR	0	NPR	3136B3D49	February 2049

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

(2) Based on LIBOR.

(3) Notional principal balances. These classes are interest only classes. See page S-6 for a description of how their notional principal balances are calculated.

(4) Exchangeable classes.

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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 3, Group 7 or Group 8 Class or the R or RL Class, the disclosure documents relating to the applicable underlying REMIC 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:

Wells Fargo Bank, N.A.
c/o Wells Fargo Securities, LLC
Customer Service
MAC N9303-054
608 2nd Avenue South, Suite 500
Minneapolis, Minnesota 55479
US and International Callers: (800) 645-3751, option 5
WFSCustomerService@wellsfargo.com.

SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of January 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	Group 2 MBS
3	Class 2016-59-CA REMIC Certificate
4	Group 4 MBS
5	Group 5 MBS
6	Group 6 MBS
7	Class 2012-136-CS REMIC Certificate
8	Class 2013-41-SC REMIC Certificate
9	Group 9 MBS
10	Group 10 MBS
11	Group 11 MBS

Group 1, Group 2, Group 4, Group 5, Group 6, Group 9, Group 10 and Group 11

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	\$ 82,481,974	5.50%	5.75% to 8.00%	241 to 360
Group 2 MBS	\$ 27,630,435	3.00%	3.25% to 5.50%	241 to 360
Group 4 MBS	\$113,294,037	3.50%	3.75% to 6.00%	241 to 360
Group 5 MBS	\$ 44,573,992	5.50%	5.75% to 8.00%	241 to 360
Group 6 MBS	\$ 68,950,000	4.50%	4.75% to 7.00%	241 to 360
Group 9 MBS	\$ 71,525,262	5.50%	5.75% to 8.00%	241 to 360
Group 10 MBS	\$ 53,208,340	5.00%	5.25% to 7.50%	241 to 360
Group 11 MBS	\$ 67,109,960	4.50%	4.75% to 7.00%	233 to 360

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	\$ 82,481,974	360	357	3	6.318%
Group 2 MBS	\$ 27,630,435	360	348	11	3.904%
Group 4 MBS	\$113,294,037	360	274	71	4.095%
Group 5 MBS	\$ 44,573,992	360	358	2	6.325%
Group 6 MBS	\$ 68,950,000	360	357	1	5.400%
Group 9 MBS	\$ 71,525,262	360	358	2	6.119%
Group 10 MBS	\$ 53,208,340	360	358	2	5.693%
Group 11 MBS	\$ 67,109,960	360	328	28	5.225%

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 3, Group 7 and Group 8

Exhibit A describes the underlying REMIC certificates in Group 3, Group 7 and Group 8, including certain information about the related mortgage loans. To learn more about the underlying REMIC 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 January 30, 2019.

Distribution Dates

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

Record Date

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

Book-Entry and Physical Certificates

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

Fed Book-Entry

All classes of certificates other than the R and RL Classes

Physical

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 (other than the IC Class) will bear interest at the initial interest rates listed below. The initial interest rate listed below for the IC Class is an assumed rate. 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>
HF	2.79700%	6.500%	0.45%	LIBOR + 45 basis points
HS	3.70300%	6.050%	0.00%	6.05% - LIBOR
FH	3.34700%	6.000%	1.00%	LIBOR + 100 basis points
SH	3.71420%	7.000%	0.00%	7% - (1.4 x LIBOR)

NF	2.96100%	6.500%	0.45%	LIBOR + 45 basis points
NS	3.53900%	6.050%	0.00%	6.05% - LIBOR
SY	3.46521%	7.875%	0.00%	7.875% - (1.75 x LIBOR)
SZ	3.46521%	7.875%	0.00%	7.875% - (1.75 x LIBOR)
IC	2.36652% (2)	6.000%	0.00%	6% - (1.5 x LIBOR)
FA	3.11000%	6.000%	0.60%	LIBOR + 60 basis points
SA	2.89000%	5.400%	0.00%	5.4% - LIBOR
AF	3.00700%	6.500%	0.50%	LIBOR + 50 basis points
AS	3.49300%	6.000%	0.00%	6% - LIBOR

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

(2) Assumed initial interest rate. We will calculate the actual initial interest rate for this class on January 23, 2019, using the applicable formulas.

Notional Classes

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

Class

HS	100%	of the HF Class
CI	7.1428570196%	of the CA Class
GI	7.1428565124%	of the GD Class
NS	100%	of the NF Class
KI	27.7777771126%	of the <i>sum</i> of the KP and ZK Classes
IC	100%	of the Group 8 Underlying REMIC Certificate
SA	100%	of the FA Class
AS	100%	of the AF Class
BI	29.9999977479%	of the BC Class
MI	33.3333325957%	of the MB Class
IO	22.22222156%	of the Group 11 MBS

Distributions of Principal

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

Weighted Average Lives (years)*

		PSA Prepayment Assumption						
<u>Group 1 Classes</u>	<u>0%</u>	<u>100%</u>	<u>175%</u>	<u>250%</u>	<u>300%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
HF and HS	20.5	11.2	8.2	6.4	5.5	3.1	2.5	1.8
HA	16.2	6.0	4.1	4.1	4.1	2.6	2.1	1.6
HQ	26.2	15.9	12.9	12.9	12.9	6.8	5.1	3.3
FH and SH	28.9	23.6	16.8	7.1	2.6	1.1	0.8	0.6

		PSA Prepayment Assumption						
<u>Group 2 Classes</u>	<u>0%</u>	<u>100%</u>	<u>397%</u>	<u>500%</u>	<u>800%</u>	<u>1000%</u>	<u>1200%</u>	
LE	18.1	9.2	3.4	2.8	1.8	1.5	1.2	
ZL	29.5	26.3	14.2	11.5	7.0	5.3	4.1	

		PSA Prepayment Assumption						
<u>Group 3 Classes</u>	<u>0%</u>	<u>100%</u>	<u>135%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	
CA and CI	14.7	6.0	4.8	3.5	2.4	1.8	1.4	

		PSA Prepayment Assumption						
<u>Group 4 Classes</u>		<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>
GD and GI	.....	17.0	6.0	5.3	3.7	2.6	2.0	1.6
VG	.....	6.0	6.0	6.0	5.9	5.1	4.3	3.7
GV	.....	15.8	14.2	13.3	10.5	7.9	6.2	5.0
GZ	.....	28.5	18.7	17.9	15.2	12.1	9.7	7.9
GE	.....	28.5	18.1	17.1	14.0	10.7	8.3	6.7

		PSA Prepayment Assumption							
<u>Group 5 Classes</u>		<u>0%</u>	<u>100%</u>	<u>175%</u>	<u>250%</u>	<u>300%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
NF and NS	.....	20.5	11.3	8.3	6.4	5.6	3.2	2.5	1.8
NA	.....	16.1	6.0	4.1	4.1	4.1	2.7	2.2	1.7
NQ	.....	26.2	15.9	12.8	12.8	12.8	6.8	5.1	3.4
NC, ND and N	.....	28.9	23.7	16.9	7.2	2.7	1.1	0.9	0.7

		PSA Prepayment Assumption							
<u>Group 6 Classes</u>		<u>0%</u>	<u>100%</u>	<u>190%</u>	<u>300%</u>	<u>500%</u>	<u>800%</u>	<u>1400%</u>	<u>2100%</u>
KP	.....	10.9	5.5	4.3	4.3	4.3	3.1	2.0	1.5
ZK	.....	19.4	18.8	18.8	18.8	18.8	11.7	5.4	1.9
KI	.....	10.9	5.5	4.4	4.4	4.4	3.1	2.0	1.5
KZ	.....	25.1	18.4	13.9	8.8	2.2	1.3	0.9	0.6

		PSA Prepayment Assumption							
<u>Group 7 Classes</u>		<u>LIBOR</u>	<u>0%</u>	<u>100%</u>	<u>106%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
SY		1.25994%	20.0	13.2	12.9	9.0	6.2	4.3	2.2
		2.51988%	20.2	13.3	13.0	9.1	6.3	4.4	2.2
		3.51988%	20.3	13.4	13.1	9.2	6.3	4.4	2.2
		4.50000%	20.4	13.5	13.2	9.2	6.4	4.4	2.2
SZ		1.25994%	23.7	22.0	22.0	20.7	18.4	15.5	8.1
		2.51988%	23.8	22.3	22.2	21.2	19.1	16.2	8.3
		3.51988%	23.8	22.4	22.4	21.6	19.6	16.7	8.4
		4.50000%	23.8	22.6	22.5	21.9	20.2	17.3	8.5

		PSA Prepayment Assumption				
<u>Group 8 Classes</u>		<u>0%</u>	<u>99%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>
IC and OC	.....	21.3	14.7	9.4	5.6	3.1
OA	.....	19.8	11.1	5.4	2.5	1.3
OB	.....	22.9	18.3	13.4	8.7	4.9

		PSA Prepayment Assumption					
<u>Group 9 Classes</u>		<u>0%</u>	<u>100%</u>	<u>384%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
FA, SA and A	.....	20.5	11.2	4.6	3.2	2.5	1.8
AM	.....	17.4	7.1	2.8	2.1	1.7	1.4
AL	.....	28.2	21.6	9.1	6.0	4.6	3.1

		PSA Prepayment Assumption					
<u>Group 10 Classes</u>		<u>0%</u>	<u>100%</u>	<u>331%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
AF, AS and AB	.....	20.2	11.1	5.1	3.2	2.5	1.8
BC, BI, BD, BE, BG, BH, BJ, BK, BM, BN and BA	.....	16.4	6.5	2.9	2.0	1.6	1.3
BL	.....	27.8	20.5	9.7	5.7	4.3	2.9

<u>Group 11 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>190%</u>	<u>300%</u>	<u>500%</u>	<u>800%</u>	<u>1400%</u>	<u>2100%</u>
MB, MI, MC, MD, ME, MG, MH, MJ, MK, MN and MA	10.9	4.5	3.8	3.8	3.5	2.0	0.8	0.1
ML	19.6	19.0	19.0	19.0	17.3	10.1	3.7	0.1
ZM	25.1	16.6	12.2	5.8	0.9	0.4	0.1	0.1
IO	19.9	9.8	6.6	4.5	2.7	1.5	0.6	0.1

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

ADDITIONAL RISK FACTORS

Recent natural disasters may present a risk of increased mortgage loan defaults. In November 2018, various areas of Northern and Southern California experienced catastrophic damage due to wildfires; in September and October of 2018, areas of the coastal Carolinas and Florida experienced extensive damage as a result of Hurricane Florence and Hurricane Michael, respectively; and in late summer 2017, Hurricane Harvey, Hurricane Irma and Hurricane Maria resulted in catastrophic damage to extensive areas of the Southeastern United States (including coastal Texas and Louisiana and coastal and inland Florida and Georgia), Puerto Rico and the U.S. Virgin Islands. The full extent of the damage resulting from the foregoing events, including fire loss, 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 3, Group 7 and Group 8 Classes will be affected by the applicable payment priority governing each related underlying REMIC certificate. If you invest in a Group 3, Group 7 or Group 8 Class, the rate at which you receive payments will be affected by the applicable priority sequence governing principal payments on the related underlying REMIC certificate.

As described in the related Underlying REMIC Disclosure Documents, the Group 7 and Group 8 underlying REMIC 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 applicable underlying REMIC certificates, possibly for long periods.

In addition, as described in the related Underlying REMIC Disclosure Documents, the Group 7 and Group 8 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 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.

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 January 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 2 MBS," "Group 4 MBS," "Group 5 MBS," "Group 6 MBS," "Group 9 MBS," "Group 10 MBS" and "Group 11 MBS" and together, the "Trust MBS"), and
- three groups of previously issued REMIC Certificates (the "Group 3 Underlying REMIC Certificate," the "Group 7 Underlying REMIC Certificate," and the "Group 8 Underlying REMIC Certificate," and together, the "Underlying REMIC Certificates") issued from the related Fannie Mae REMIC trusts (the "Underlying REMIC Trusts"), as further described in Exhibit A.

The Underlying REMIC 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."

REMIC Designation	Assets	Regular Interests	Residual Interest
Lower Tier REMIC	Trust MBS and Underlying REMIC 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 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."

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 Mortgage Loans backing the Group 2 MBS 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.

Furthermore, the pools of mortgage loans backing the Group 6 MBS and Group 11 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 and Group 11 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 May 1, 2018.

For additional information, see "Summary- Group 1, Group 2, Group 4, Group 5, Group 6, Group 9, Group 10 and Group 11 - 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 Certificates

The Underlying REMIC 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 pools of mortgage loans backing the Group 7 Underlying REMIC Certificate and the Group 8 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 7 Underlying REMIC Certificate and the Group 8 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 May 1, 2018.

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

For further information about the Underlying REMIC Certificates, telephone us at 800-2FANNIE. Additional information about the Underlying REMIC 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 FH, SH, SY and SZ Classes	Floating Rate and Inverse Floating Rate Classes other than the FH, SH, SY and SZ 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 ZL, GZ, ZK, KZ, SZ and ZM Classes are Accrual Classes. Interest will accrue on each Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement or, in the case of the SZ Class, as

described under "Summary - Interest Rates" in this prospectus supplement. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on each Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Classes as described under " -Distributions of Principal" below.

Distributions of Principal

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

• Group 1

The Group 1 Principal Distribution Amount as follows:

- 66.6666658584% to HF until retired, and

- 33.3333341416% as follows:

first, to Aggregate Group I to its Planned Balance;

second, to FH and SH, pro rata, until retired; and

third, to Aggregate Group I to zero.

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

"Aggregate Group I" consists of the HA and HQ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I to HA and HQ, 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 2

The ZL Accrual Amount to LE until retired, and thereafter to ZL.

The Group 2 Cash Flow Distribution Amount to LE and ZL, in that order, until retired.

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

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

• Group 3

The Group 3 Principal Distribution Amount to CA until retired.

The "Group 3 Principal Distribution Amount" is the principal then paid on the Group 3 Underlying REMIC Certificate.

• Group 4

The GZ Accrual Amount to VG and GV, in that order, until retired, and thereafter to GZ.

The Group 4 Cash Flow Distribution Amount to GD, VG, GV and GZ, in that order, until retired.

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

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

• Group 5

The Group 5 Principal Distribution Amount as follows:

- 66.6666651710% to NF until retired, and

- 33.3333348290% as follows:

first, to Aggregate Group II to its Planned Balance;

second, to NC and ND, pro rata, until retired; and

third, to Aggregate Group II to zero.

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

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

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

- *Group 6*

The ZK Accrual Amount to KP until retired, and thereafter to ZK.

The KZ Accrual Amount to Aggregate Group III to its Planned Balance, and thereafter to KZ.

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

1. To Aggregate Group III to its Planned Balance.
2. To KZ until retired.
3. To Aggregate Group III to zero.

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

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

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

"Aggregate Group III" consists of the KP and ZK Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group III to KP and ZK, 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 SZ Accrual Amount to SY until retired, and thereafter to SZ.

The Group 7 Cash Flow Distribution Amount to SY and SZ, in that order, until retired.

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

The "Group 7 Cash Flow Distribution Amount" is the principal then paid on the Group 7 Underlying REMIC Certificate.

- *Group 8*

The Group 8 Principal Distribution Amount as follows:

- 51.7121505196% to OA and OB, in that order, until retired, and
- 48.2878494804% to OC until retired.

The "Group 8 Principal Distribution Amount" is the principal then paid on the Group 8 Underlying REMIC Certificate.

- *Group 9*

The Group 9 Principal Distribution Amount as follows:

- 79.9999991611% to FA until retired, and
- 20.0000008389% to AM and AL, in that order, until retired.

The "Group 9 Principal Distribution Amount" is the principal then paid on the Group 9 MBS.

- *Group 10*

The Group 10 Principal Distribution Amount as follows:

- 50% to AF until retired, and
- 50% to BC and BL, in that order, until retired.

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

- *Group 11*

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

The Group 11 Cash Flow Distribution Amount in the following priority:

1. To Aggregate Group IV to its Planned Balance.

2. To ZM until retired.
3. To Aggregate Group IV to zero.

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

The "Group 11 Cash Flow Distribution Amount" is the principal then paid on the Group 11 MBS.

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

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

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 Certificates, the applicable priority sequences governing principal payments on the Group 3, Group 7 and Group 8 Underlying REMIC 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 2, Group 4, Group 5, Group 6, Group 9, Group 10 and Group 11 - 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 January 30, 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 175% and 300% PSA	Between 175% and 300% PSA
Aggregate Group II Planned Balances	Between 175% and 300% PSA	Between 175% and 300% PSA
Aggregate Group III Planned Balances	Between 190% and 500% PSA	Between 190% and 500% PSA
Aggregate Group IV Planned Balances	Between 190% and 500% PSA	(1)

(1) The Planned Balances for Aggregate Group IV have been structured between 190% and 500% PSA, but only hold between 150% and 450% PSA.

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	HA and HQ
Aggregate Group II	NA and NQ
Aggregate Group III	KP and ZK

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

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

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

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

We cannot assure you that

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

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

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

The Inverse Floating Rate 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 HS, NS, IC, SA and AS 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:

<u>Class</u>	<u>Price*</u>
HS	13.7500000%
SH	94.2500000%
NS	13.6250000%
SY	93.4478000%
SZ	65.0000000%
IC	15.2500000%
SA	9.3621000%
AS	12.2369625%

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>175%</u>	<u>250%</u>	<u>300%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
1.1735%	33.7%	31.2%	27.3%	23.3%	20.7%	4.3%	(7.2)%	(31.3)%
2.3470%	24.1%	21.4%	17.4%	13.4%	10.6%	(6.5)%	(18.5)%	(44.1)%
3.3470%	15.9%	13.2%	9.0%	4.8%	2.0%	(15.8)%	(28.4)%	(55.6)%
5.3470%	(2.7)%	(5.5)%	(9.8)%	(14.2)%	(17.1)%	(36.1)%	(50.3)%	(83.3)%
6.0500%	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>175%</u>	<u>250%</u>	<u>300%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
1.1735%	5.8%	5.8%	6.0%	6.6%	7.8%	11.0%	12.5%	15.3%
2.3470%	4.1%	4.1%	4.2%	4.8%	6.1%	9.3%	10.9%	13.7%
3.3470%	2.6%	2.6%	2.8%	3.3%	4.7%	7.9%	9.5%	12.3%
4.3470%	1.2%	1.2%	1.3%	1.8%	3.2%	6.5%	8.1%	11.0%
5.0000%	0.2%	0.3%	0.4%	0.9%	2.3%	5.6%	7.2%	10.1%

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>175%</u>	<u>250%</u>	<u>300%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
1.2555%	33.5%	31.0%	27.2%	23.4%	20.8%	4.9%	(6.1)%	(29.1)%
2.5110%	23.0%	20.4%	16.5%	12.5%	9.8%	(6.9)%	(18.6)%	(43.2)%
3.5110%	14.7%	12.1%	8.0%	3.8%	1.0%	(16.5)%	(28.8)%	(55.3)%
5.5110%	(4.8)%	(7.6)%	(11.8)%	(16.2)%	(19.1)%	(38.0)%	(52.3)%	(85.5)%
6.0500%	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>106%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
1.25994%	6.4%	6.5%	6.5%	6.7%	7.1%	7.5%	9.1%
2.51988%	4.0%	4.1%	4.1%	4.4%	4.7%	5.2%	6.8%
3.51988%	2.2%	2.3%	2.3%	2.5%	2.9%	3.4%	4.9%
4.50000%	0.4%	0.5%	0.5%	0.7%	1.1%	1.6%	3.1%

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>106%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
1.25994%	7.7%	7.7%	7.7%	7.9%	8.2%	8.6%	11.3%
2.51988%	5.4%	5.5%	5.5%	5.6%	5.8%	6.2%	8.9%
3.51988%	3.6%	3.7%	3.7%	3.7%	3.9%	4.3%	7.0%
4.50000%	1.9%	1.9%	1.9%	2.0%	2.1%	2.5%	5.1%

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>				
	<u>50%</u>	<u>99%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>
1.21116%	28.4%	27.7%	22.7%	11.7%	(5.6)%
2.42232%	14.4%	13.1%	7.1%	(3.0)%	(20.7)%
3.42232%	0.0%	(2.1)%	(8.6)%	(17.5)%	(36.9)%
4.00000%	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>					
	<u>50%</u>	<u>100%</u>	<u>384%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
1.255%	44.0%	41.6%	27.6%	16.6%	6.1%	(15.6)%
2.510%	28.6%	26.1%	11.2%	(0.5)%	(11.8)%	(35.5)%
3.510%	16.5%	13.9%	(1.8)%	(14.4)%	(26.6)%	(52.5)%
4.510%	3.8%	1.0%	(15.4)%	(28.9)%	(42.3)%	(72.2)%
5.400%	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>					
	<u>50%</u>	<u>100%</u>	<u>331%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
1.2535%	37.5%	35.0%	23.4%	9.4%	(1.4)%	(23.8)%
2.5070%	25.8%	23.3%	11.1%	(3.7)%	(15.2)%	(39.2)%
3.5070%	16.6%	13.9%	1.3%	(14.3)%	(26.5)%	(52.4)%
5.5070%	(4.8)%	(7.6)%	(21.0)%	(38.0)%	(52.3)%	(85.4)%
6.0000%	*	*	*	*	*	*

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

<u>Class</u>	<u>%PSA</u>
CI	203%
GI	200%
KI	654%
BI	302%
MI	527%
IO	365%

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	12.000%
GI	12.875%
KI	15.875%
BI	15.000%
MI	14.500%
IO	16.500%

* 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						
	<u>50%</u>	<u>100%</u>	<u>135%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>
Pre-Tax Yields to Maturity	20.9%	15.0%	10.3%	0.5%	(16.8)%	(35.8)%	(55.7)%

Sensitivity of the GI Class to Prepayments

	PSA Prepayment Assumption						
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>
Pre-Tax Yields to Maturity	18.1%	12.8%	9.8%	0.0%	(15.1)%	(32.0)%	(49.8)%

Sensitivity of the KI Class to Prepayments

	PSA Prepayment Assumption							
	<u>50%</u>	<u>100%</u>	<u>190%</u>	<u>300%</u>	<u>500%</u>	<u>800%</u>	<u>1400%</u>	<u>2100%</u>
Pre-Tax Yields to Maturity	18.7%	13.7%	6.6%	6.6%	6.6%	(7.1)%	(38.7)%	(75.3)%

Sensitivity of the BI Class to Prepayments

	PSA Prepayment Assumption					
	<u>50%</u>	<u>100%</u>	<u>331%</u>	<u>600%</u>	<u>800%</u>	<u>1200%</u>
Pre-Tax Yields to Maturity	27.7%	22.9%	(3.3)%	(31.3)%	(48.1)%	(74.5)%

Sensitivity of the MI Class to Prepayments

	PSA Prepayment Assumption							
	<u>50%</u>	<u>100%</u>	<u>190%</u>	<u>300%</u>	<u>500%</u>	<u>800%</u>	<u>1400%</u>	<u>2100%</u>
Pre-Tax Yields to Maturity	18.5%	10.8%	5.0%	5.0%	1.9%	(24.7)%	*	*

Sensitivity of the IO Class to Prepayments

	PSA Prepayment Assumption							
	<u>50%</u>	<u>100%</u>	<u>190%</u>	<u>300%</u>	<u>500%</u>	<u>800%</u>	<u>1400%</u>	<u>2100%</u>
Pre-Tax Yields to Maturity	22.4%	19.0%	12.8%	4.8%	(10.4)%	(36.1)%	*	*

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 in 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:

<u>Class</u>	<u>Price</u>
OC	66.553%
OA	73.000%
OB	59.000%

Sensitivity of the OA Class to Prepayments

	PSA Prepayment Assumption				
	<u>50%</u>	<u>99%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>
Pre-Tax Yields to Maturity	2.2%	2.9%	6.0%	13.5%	25.5%

Sensitivity of the OB Class to Prepayments

	PSA Prepayment Assumption				
	<u>50%</u>	<u>99%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>
Pre-Tax Yields to Maturity	2.6%	2.9%	4.1%	6.4%	11.6%

Sensitivity of the OC Class to Prepayments

	PSA Prepayment Assumption				
	<u>50%</u>	<u>99%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>
Pre-Tax Yields to Maturity	2.4%	2.8%	4.6%	8.3%	15.2%

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions,
- the priority sequences of distributions of principal of the Group 1, Group 2, Group 4, Group 5, Group 6, Group 7, Group 8, Group 9, Group 10 and Group 11 Classes, and
- in the case of the Group 3, Group 7 and Group 8 Classes, the applicable priority sequences governing principal payments on the related Underlying REMIC 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	8.000%
Group 2 MBS	360 months	360 months	5.500%
Group 3 Underlying REMIC Certificate	360 months	331 months	6.000%

Group 4 MBS	360 months	360 months	6.000%
Group 5 MBS	360 months	360 months	8.000%
Group 6 MBS	360 months	360 months	7.000%
Group 7 Underlying REMIC Certificate	360 months	286 months	6.000%
Group 8 Underlying REMIC Certificate	360 months	291 months	5.500%
Group 9 MBS	360 months	360 months	8.000%
Group 10 MBS	360 months	360 months	7.500%
Group 11 MBS	360 months	360 months	7.000%

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	HF and HS† Classes								HA Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	175%	250%	300%	600%	800%	1200%	0%	100%	175%	250%	300%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	97	96	94	93	87	84	76	99	95	93	93	93	93	93	91
January 2021	98	92	87	83	80	64	54	36	97	86	79	79	79	72	56	26
January 2022	97	85	77	70	65	41	28	10	96	76	63	63	63	34	14	0
January 2023	96	79	68	58	52	26	14	3	94	66	48	48	48	10	0	0
January 2024	95	73	60	49	42	16	7	1	92	56	35	35	35	0	0	0
January 2025	94	67	53	41	34	10	4	*	90	47	23	23	23	0	0	0
January 2026	92	62	46	34	27	6	2	*	88	39	13	13	13	0	0	0
January 2027	91	57	41	28	22	4	1	*	85	31	4	4	4	0	0	0
January 2028	89	52	35	24	18	2	*	*	83	23	0	0	0	0	0	0
January 2029	88	48	31	20	14	2	*	*	80	16	0	0	0	0	0	0
January 2030	86	44	27	16	11	1	*	*	77	10	0	0	0	0	0	0
January 2031	84	40	23	13	9	1	*	*	74	3	0	0	0	0	0	0
January 2032	82	37	20	11	7	*	*	*	70	0	0	0	0	0	0	0
January 2033	79	33	18	9	6	*	*	*	67	0	0	0	0	0	0	0
January 2034	77	30	15	7	4	*	*	*	62	0	0	0	0	0	0	0
January 2035	74	27	13	6	3	*	*	0	58	0	0	0	0	0	0	0
January 2036	71	24	11	5	3	*	*	0	53	0	0	0	0	0	0	0
January 2037	68	22	9	4	2	*	*	0	48	0	0	0	0	0	0	0
January 2038	64	19	8	3	2	*	*	0	42	0	0	0	0	0	0	0
January 2039	60	17	7	2	1	*	*	0	36	0	0	0	0	0	0	0
January 2040	56	15	5	2	1	*	*	0	29	0	0	0	0	0	0	0
January 2041	52	12	4	2	1	*	*	0	22	0	0	0	0	0	0	0
January 2042	47	10	4	1	1	*	*	0	14	0	0	0	0	0	0	0
January 2043	42	9	3	1	*	*	*	0	6	0	0	0	0	0	0	0
January 2044	36	7	2	1	*	*	*	0	0	0	0	0	0	0	0	0
January 2045	30	5	2	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2046	23	4	1	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2047	16	2	1	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2048	8	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.5	11.2	8.2	6.4	5.5	3.1	2.5	1.8	16.2	6.0	4.1	4.1	4.1	2.6	2.1	1.6

Date	HQ Class								FH and SH Classes							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	175%	250%	300%	600%	800%	1200%	0%	100%	175%	250%	300%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	100	100	100	100	100	92	87	57	37	0
January 2021	100	100	100	100	100	100	100	100	100	100	100	77	62	0	0	0
January 2022	100	100	100	100	100	100	100	52	100	100	100	60	35	0	0	0
January 2023	100	100	100	100	100	100	74	14	100	100	100	49	17	0	0	0
January 2024	100	100	100	100	100	83	38	4	100	100	100	41	7	0	0	0
January 2025	100	100	100	100	100	52	19	1	100	100	100	37	1	0	0	0
January 2026	100	100	100	100	100	33	10	*	100	100	100	35	*	0	0	0
January 2027	100	100	100	100	100	21	5	*	100	100	98	33	*	0	0	0
January 2028	100	100	91	91	91	13	3	*	100	100	95	31	*	0	0	0
January 2029	100	100	73	73	73	8	1	*	100	100	90	29	*	0	0	0
January 2030	100	100	58	58	58	5	1	*	100	100	84	26	*	0	0	0
January 2031	100	100	46	46	46	3	*	*	100	100	77	23	*	0	0	0
January 2032	100	92	37	37	37	2	*	*	100	100	70	20	*	0	0	0
January 2033	100	75	29	29	29	1	*	*	100	100	63	18	*	0	0	0
January 2034	100	58	23	23	23	1	*	*	100	100	57	15	*	0	0	0
January 2035	100	43	18	18	18	*	*	*	100	100	50	13	*	0	0	0
January 2036	100	28	14	14	14	*	*	0	100	100	44	11	*	0	0	0
January 2037	100	14	11	11	11	*	*	0	100	100	39	9	*	0	0	0
January 2038	100	8	8	8	8	*	*	0	100	93	33	8	*	0	0	0
January 2039	100	6	6	6	6	*	*	0	100	82	28	7	*	0	0	0
January 2040	100	5	5	5	5	*	*	0	100	72	24	5	*	0	0	0
January 2041	100	4	4	4	4	*	*	0	100	62	20	4	*	0	0	0
January 2042	100	3	3	3	3	*	*	0	100	53	16	3	*	0	0	0
January 2043	100	2	2	2	2	*	*	0	100	44	13	3	*	0	0	0
January 2044	90	1	1	1	1	*	*	0	100	35	10	2	*	0	0	0
January 2045	58	1	1	1	1	*	*	0	100	27	7	1	*	0	0	0
January 2046	24	1	1	1	1	*	*	0	100	19	5	1	*	0	0	0
January 2047	*	*	*	*	*	*	*	0	86	12	3	1	*	0	0	0
January 2048	*	*	*	*	*	*	0	0	45	5	1	*	*	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	26.2	15.9	12.9	12.9	12.9	6.8	5.1	3.3	28.9	23.6	16.8	7.1	2.6	1.1	0.8	0.6

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

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

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

Date	LE Class							ZL Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	397%	500%	800%	1000%	1200%	0%	100%	397%	500%	800%	1000%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	94	84	80	69	62	55	103	103	103	103	103	103	103
January 2021	97	87	63	55	36	24	15	106	106	106	106	106	106	106
January 2022	95	80	46	37	16	7	2	109	109	109	109	109	109	109
January 2023	94	73	33	24	7	1	0	113	113	113	113	113	113	44
January 2024	92	66	24	15	2	0	0	116	116	116	116	116	53	12
January 2025	90	60	17	9	0	0	0	120	120	120	120	84	21	3
January 2026	88	55	11	5	0	0	0	123	123	123	123	42	8	1
January 2027	86	50	7	2	0	0	0	127	127	127	127	21	3	*
January 2028	83	45	4	0	0	0	0	131	131	131	130	11	1	*
January 2029	81	40	2	0	0	0	0	135	135	135	88	5	*	*
January 2030	78	36	*	0	0	0	0	139	139	139	59	3	*	*
January 2031	76	32	0	0	0	0	0	143	143	105	40	1	*	*
January 2032	73	28	0	0	0	0	0	148	148	76	27	1	*	*
January 2033	70	24	0	0	0	0	0	152	152	55	18	*	*	*
January 2034	67	21	0	0	0	0	0	157	157	40	12	*	*	*
January 2035	63	18	0	0	0	0	0	162	162	29	8	*	*	*
January 2036	60	15	0	0	0	0	0	166	166	21	5	*	*	*
January 2037	56	13	0	0	0	0	0	171	171	15	3	*	*	0
January 2038	52	10	0	0	0	0	0	177	177	10	2	*	*	0
January 2039	48	8	0	0	0	0	0	182	182	7	1	*	*	0
January 2040	44	6	0	0	0	0	0	188	188	5	1	*	*	0
January 2041	39	4	0	0	0	0	0	193	193	3	1	*	*	0
January 2042	35	2	0	0	0	0	0	199	199	2	*	*	*	0
January 2043	29	0	0	0	0	0	0	205	203	1	*	*	0	0
January 2044	24	0	0	0	0	0	0	212	156	1	*	*	0	0
January 2045	18	0	0	0	0	0	0	218	112	1	*	*	0	0
January 2046	12	0	0	0	0	0	0	225	71	*	*	*	0	0
January 2047	6	0	0	0	0	0	0	231	34	*	*	*	0	0
January 2048	0	0	0	0	0	0	0	220	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	18.1	9.2	3.4	2.8	1.8	1.5	1.2	29.5	26.3	14.2	11.5	7.0	5.3	4.1

Date	CA and CI† Classes							GD and GI† Classes						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	135%	200%	300%	400%	500%	0%	100%	125%	200%	300%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	98	89	87	81	74	66	58	98	89	87	82	75	67	60
January 2021	96	79	74	65	52	40	29	97	79	76	66	54	43	33
January 2022	94	70	63	51	35	21	9	95	70	66	53	38	25	14
January 2023	91	61	53	39	21	7	0	93	61	56	41	25	12	2
January 2024	89	53	44	29	10	0	0	91	53	47	31	15	2	0
January 2025	86	46	35	20	1	0	0	89	46	39	23	6	0	0
January 2026	84	38	28	12	0	0	0	87	39	32	15	0	0	0
January 2027	81	32	21	5	0	0	0	85	32	25	9	0	0	0
January 2028	77	26	15	0	0	0	0	82	26	19	3	0	0	0
January 2029	74	20	9	0	0	0	0	80	20	14	0	0	0	0
January 2030	70	15	4	0	0	0	0	77	15	9	0	0	0	0
January 2031	67	10	0	0	0	0	0	74	10	4	0	0	0	0
January 2032	63	5	0	0	0	0	0	71	6	0	0	0	0	0
January 2033	58	1	0	0	0	0	0	67	1	0	0	0	0	0
January 2034	54	0	0	0	0	0	0	64	0	0	0	0	0	0
January 2035	49	0	0	0	0	0	0	60	0	0	0	0	0	0
January 2036	44	0	0	0	0	0	0	56	0	0	0	0	0	0
January 2037	39	0	0	0	0	0	0	52	0	0	0	0	0	0
January 2038	33	0	0	0	0	0	0	47	0	0	0	0	0	0
January 2039	27	0	0	0	0	0	0	43	0	0	0	0	0	0
January 2040	20	0	0	0	0	0	0	37	0	0	0	0	0	0
January 2041	13	0	0	0	0	0	0	32	0	0	0	0	0	0
January 2042	6	0	0	0	0	0	0	26	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	20	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	14	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	7	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	14.7	6.0	4.8	3.5	2.4	1.8	1.4	17.0	6.0	5.3	3.7	2.6	2.0	1.6

* 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.

Date	VG Class							GV Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	125%	200%	300%	400%	500%	0%	100%	125%	200%	300%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	93	93	93	93	93	93	93	100	100	100	100	100	100	100
January 2021	85	85	85	85	85	85	85	100	100	100	100	100	100	100
January 2022	77	77	77	77	77	77	77	100	100	100	100	100	100	100
January 2023	69	69	69	69	69	69	69	100	100	100	100	100	100	100
January 2024	60	60	60	60	60	60	0	100	100	100	100	100	100	47
January 2025	51	51	51	51	51	0	0	100	100	100	100	100	67	0
January 2026	42	42	42	42	33	0	0	100	100	100	100	100	0	0
January 2027	33	33	33	33	0	0	0	100	100	100	100	40	0	0
January 2028	23	23	23	23	0	0	0	100	100	100	100	0	0	0
January 2029	13	13	13	0	0	0	0	100	100	100	87	0	0	0
January 2030	2	2	2	0	0	0	0	100	100	100	15	0	0	0
January 2031	0	0	0	0	0	0	0	92	92	92	0	0	0	0
January 2032	0	0	0	0	0	0	0	82	82	78	0	0	0	0
January 2033	0	0	0	0	0	0	0	71	71	9	0	0	0	0
January 2034	0	0	0	0	0	0	0	60	18	0	0	0	0	0
January 2035	0	0	0	0	0	0	0	48	0	0	0	0	0	0
January 2036	0	0	0	0	0	0	0	36	0	0	0	0	0	0
January 2037	0	0	0	0	0	0	0	24	0	0	0	0	0	0
January 2038	0	0	0	0	0	0	0	11	0	0	0	0	0	0
January 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	6.0	6.0	6.0	5.9	5.1	4.3	3.7	15.8	14.2	13.3	10.5	7.9	6.2	5.0

Date	GZ Class							GE Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	125%	200%	300%	400%	500%	0%	100%	125%	200%	300%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	104	104	104	104	104	104	104	100	100	100	100	100	100	100
January 2021	107	107	107	107	107	107	107	100	100	100	100	100	100	100
January 2022	111	111	111	111	111	111	111	100	100	100	100	100	100	100
January 2023	115	115	115	115	115	115	115	100	100	100	100	100	100	100
January 2024	119	119	119	119	119	119	119	100	100	100	100	100	100	72
January 2025	123	123	123	123	123	123	96	100	100	100	100	100	79	48
January 2026	128	128	128	128	128	115	65	100	100	100	100	98	58	32
January 2027	132	132	132	132	132	83	43	100	100	100	100	77	42	22
January 2028	137	137	137	137	119	60	29	100	100	100	100	60	30	14
January 2029	142	142	142	142	92	43	19	100	100	100	94	46	22	10
January 2030	147	147	147	147	71	31	12	100	100	100	77	36	15	6
January 2031	152	152	152	127	54	22	8	100	100	100	64	27	11	4
January 2032	158	158	158	104	41	15	5	100	100	99	52	21	8	3
January 2033	163	163	163	83	31	11	3	100	100	84	42	16	5	2
January 2034	169	169	140	66	23	7	2	100	89	70	33	12	4	1
January 2035	175	149	115	52	17	5	1	100	75	58	26	8	2	1
January 2036	181	122	93	40	12	3	1	100	61	46	20	6	2	*
January 2037	188	97	73	30	8	2	*	100	49	36	15	4	1	*
January 2038	194	74	54	21	6	1	*	100	37	27	11	3	1	*
January 2039	200	52	38	14	3	1	*	100	26	19	7	2	*	*
January 2040	200	32	23	8	2	*	*	100	16	12	4	1	*	*
January 2041	200	14	10	3	1	*	*	100	7	5	2	*	*	*
January 2042	200	0	0	0	0	0	0	100	0	0	0	0	0	0
January 2043	200	0	0	0	0	0	0	100	0	0	0	0	0	0
January 2044	200	0	0	0	0	0	0	100	0	0	0	0	0	0
January 2045	200	0	0	0	0	0	0	100	0	0	0	0	0	0
January 2046	197	0	0	0	0	0	0	99	0	0	0	0	0	0
January 2047	135	0	0	0	0	0	0	68	0	0	0	0	0	0
January 2048	70	0	0	0	0	0	0	35	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.5	18.7	17.9	15.2	12.1	9.7	7.9	28.5	18.1	17.1	14.0	10.7	8.3	6.7

* 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.

Date	NF and NS† Classes								NA Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	175%	250%	300%	600%	800%	1200%	0%	100%	175%	250%	300%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	97	96	95	94	89	85	78	99	95	93	93	93	93	93	93
January 2021	98	92	88	84	81	66	56	39	97	87	80	80	80	75	60	31
January 2022	97	85	78	70	66	42	29	11	96	76	64	64	64	36	16	0
January 2023	96	79	69	59	53	26	15	3	94	66	49	49	49	11	0	0
January 2024	95	73	60	49	43	17	8	1	92	56	35	35	35	0	0	0
January 2025	94	68	53	41	35	10	4	*	90	47	24	24	24	0	0	0
January 2026	92	62	47	34	28	7	2	*	88	39	13	13	13	0	0	0
January 2027	91	57	41	29	22	4	1	*	85	31	4	4	4	0	0	0
January 2028	89	53	36	24	18	3	1	*	83	23	0	0	0	0	0	0
January 2029	88	48	31	20	14	2	*	*	80	16	0	0	0	0	0	0
January 2030	86	44	27	16	11	1	*	*	77	9	0	0	0	0	0	0
January 2031	84	40	24	14	9	1	*	*	74	3	0	0	0	0	0	0
January 2032	82	37	21	11	7	*	*	*	70	0	0	0	0	0	0	0
January 2033	79	33	18	9	6	*	*	*	66	0	0	0	0	0	0	0
January 2034	77	30	15	7	5	*	*	*	62	0	0	0	0	0	0	0
January 2035	74	27	13	6	4	*	*	0	58	0	0	0	0	0	0	0
January 2036	71	24	11	5	3	*	*	0	53	0	0	0	0	0	0	0
January 2037	68	22	9	4	2	*	*	0	48	0	0	0	0	0	0	0
January 2038	64	19	8	3	2	*	*	0	42	0	0	0	0	0	0	0
January 2039	60	17	7	3	1	*	*	0	36	0	0	0	0	0	0	0
January 2040	56	15	6	2	1	*	*	0	29	0	0	0	0	0	0	0
January 2041	52	13	5	2	1	*	*	0	22	0	0	0	0	0	0	0
January 2042	47	11	4	1	1	*	*	0	14	0	0	0	0	0	0	0
January 2043	42	9	3	1	*	*	*	0	5	0	0	0	0	0	0	0
January 2044	36	7	2	1	*	*	*	0	0	0	0	0	0	0	0	0
January 2045	30	5	2	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2046	23	4	1	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2047	16	2	1	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2048	8	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.5	11.3	8.3	6.4	5.6	3.2	2.5	1.8	16.1	6.0	4.1	4.1	4.1	2.7	2.2	1.7

Date	NQ Class								NC, ND and N Classes							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	175%	250%	300%	600%	800%	1200%	0%	100%	175%	250%	300%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	100	100	100	100	100	93	89	62	43	6
January 2021	100	100	100	100	100	100	100	100	100	100	100	78	64	0	0	0
January 2022	100	100	100	100	100	100	100	56	100	100	100	61	37	0	0	0
January 2023	100	100	100	100	100	100	76	16	100	100	100	49	19	0	0	0
January 2024	100	100	100	100	100	84	39	4	100	100	100	42	7	0	0	0
January 2025	100	100	100	100	100	53	20	1	100	100	100	37	2	0	0	0
January 2026	100	100	100	100	100	33	10	*	100	100	100	35	*	0	0	0
January 2027	100	100	100	100	100	21	5	*	100	100	99	33	*	0	0	0
January 2028	100	100	91	91	91	13	3	*	100	100	95	31	*	0	0	0
January 2029	100	100	73	73	73	8	1	*	100	100	90	29	*	0	0	0
January 2030	100	100	58	58	58	5	1	*	100	100	84	26	*	0	0	0
January 2031	100	100	46	46	46	3	*	*	100	100	78	23	*	0	0	0
January 2032	100	91	37	37	37	2	*	*	100	100	71	21	*	0	0	0
January 2033	100	74	29	29	29	1	*	*	100	100	64	18	*	0	0	0
January 2034	100	58	23	23	23	1	*	*	100	100	57	16	*	0	0	0
January 2035	100	43	18	18	18	*	*	*	100	100	51	13	*	0	0	0
January 2036	100	28	14	14	14	*	*	0	100	100	45	11	*	0	0	0
January 2037	100	15	11	11	11	*	*	0	100	100	39	10	*	0	0	0
January 2038	100	8	8	8	8	*	*	0	100	94	34	8	*	0	0	0
January 2039	100	6	6	6	6	*	*	0	100	83	29	7	*	0	0	0
January 2040	100	5	5	5	5	*	*	0	100	73	24	5	*	0	0	0
January 2041	100	4	4	4	4	*	*	0	100	63	20	4	*	0	0	0
January 2042	100	3	3	3	3	*	*	0	100	54	16	3	*	0	0	0
January 2043	100	2	2	2	2	*	*	0	100	45	13	3	*	0	0	0
January 2044	88	1	1	1	1	*	*	0	100	36	10	2	*	0	0	0
January 2045	57	1	1	1	1	*	*	0	100	28	8	1	*	0	0	0
January 2046	23	1	1	1	1	*	*	0	100	20	5	1	*	0	0	0
January 2047	*	*	*	*	*	*	*	0	86	13	3	1	*	0	0	0
January 2048	*	*	*	*	*	*	0	0	45	6	1	*	*	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	26.2	15.9	12.8	12.8	12.8	6.8	5.1	3.4	28.9	23.7	16.9	7.2	2.7	1.1	0.9	0.7

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

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

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

Date	KP Class								ZK Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	190%	300%	500%	800%	1400%	2100%	0%	100%	190%	300%	500%	800%	1400%	2100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	97	94	92	92	92	92	92	91	103	103	103	103	103	103	103	103
January 2021	94	85	79	79	79	79	46	0	107	107	107	107	107	107	107	0
January 2022	90	74	62	62	62	42	8	0	110	110	110	110	110	110	110	0
January 2023	86	63	46	46	46	21	1	0	114	114	114	114	114	114	114	0
January 2024	82	53	33	33	33	11	0	0	118	118	118	118	118	118	89	0
January 2025	78	43	22	22	22	5	0	0	121	121	121	121	121	121	14	0
January 2026	74	33	15	15	15	3	0	0	126	126	126	126	126	126	2	0
January 2027	69	24	10	10	10	1	0	0	130	130	130	130	130	130	*	0
January 2028	64	15	7	7	7	*	0	0	134	134	134	134	134	134	*	0
January 2029	59	6	5	5	5	*	0	0	138	138	138	138	138	138	*	0
January 2030	53	3	3	3	3	0	0	0	143	143	143	143	143	82	*	0
January 2031	48	2	2	2	2	0	0	0	148	148	148	148	148	41	*	0
January 2032	41	1	1	1	1	0	0	0	152	152	152	152	152	21	*	0
January 2033	35	1	1	1	1	0	0	0	158	158	158	158	158	10	*	0
January 2034	28	*	*	*	*	0	0	0	163	163	163	163	163	5	0	0
January 2035	20	*	*	*	*	0	0	0	168	168	168	168	168	3	0	0
January 2036	13	0	0	0	0	0	0	0	174	133	133	133	133	1	0	0
January 2037	4	0	0	0	0	0	0	0	179	88	88	88	88	1	0	0
January 2038	0	0	0	0	0	0	0	0	58	58	58	58	58	*	0	0
January 2039	0	0	0	0	0	0	0	0	38	38	38	38	38	*	0	0
January 2040	0	0	0	0	0	0	0	0	24	24	24	24	24	*	0	0
January 2041	0	0	0	0	0	0	0	0	15	15	15	15	15	*	0	0
January 2042	0	0	0	0	0	0	0	0	10	10	10	10	10	*	0	0
January 2043	0	0	0	0	0	0	0	0	6	6	6	6	6	*	0	0
January 2044	0	0	0	0	0	0	0	0	3	3	3	3	3	*	0	0
January 2045	0	0	0	0	0	0	0	0	2	2	2	2	2	*	0	0
January 2046	0	0	0	0	0	0	0	0	1	1	1	1	1	*	0	0
January 2047	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
January 2048	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	10.9	5.5	4.3	4.3	4.3	3.1	2.0	1.5	19.4	18.8	18.8	18.8	18.8	11.7	5.4	1.9

Date	KI† Class								KZ Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	190%	300%	500%	800%	1400%	2100%	0%	100%	190%	300%	500%	800%	1400%	2100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	97	94	92	92	92	92	92	91	105	105	105	99	88	71	37	0
January 2021	94	85	79	79	79	79	46	0	109	109	109	89	54	4	0	0
January 2022	90	74	62	62	62	42	8	0	114	114	114	78	19	0	0	0
January 2023	86	63	47	47	47	22	1	0	120	120	120	72	3	0	0	0
January 2024	82	53	33	33	33	11	*	0	125	125	125	71	*	0	0	0
January 2025	78	43	22	22	22	6	*	0	131	131	124	67	*	0	0	0
January 2026	74	33	15	15	15	3	*	0	137	137	119	61	*	0	0	0
January 2027	69	24	11	11	11	1	*	0	143	143	110	54	*	0	0	0
January 2028	64	15	7	7	7	1	*	0	150	150	100	46	*	0	0	0
January 2029	59	6	5	5	5	*	*	0	157	157	90	39	*	0	0	0
January 2030	54	3	3	3	3	*	*	0	164	150	80	33	*	0	0	0
January 2031	48	2	2	2	2	*	0	0	171	138	70	27	*	0	0	0
January 2032	42	2	2	2	2	*	0	0	179	127	61	22	*	0	0	0
January 2033	35	1	1	1	1	*	0	0	188	116	53	18	*	0	0	0
January 2034	28	1	1	1	1	*	0	0	196	105	45	14	*	0	0	0
January 2035	21	*	*	*	*	*	0	0	205	94	39	11	*	0	0	0
January 2036	13	*	*	*	*	*	0	0	215	85	33	9	*	0	0	0
January 2037	5	*	*	*	*	*	0	0	224	75	27	7	*	0	0	0
January 2038	*	*	*	*	*	*	0	0	223	66	23	6	*	0	0	0
January 2039	*	*	*	*	*	*	0	0	210	58	19	4	*	0	0	0
January 2040	*	*	*	*	*	*	0	0	195	50	15	3	*	0	0	0
January 2041	*	*	*	*	*	*	0	0	179	43	12	2	*	0	0	0
January 2042	*	*	*	*	*	*	0	0	161	36	10	2	*	0	0	0
January 2043	*	*	*	*	*	*	0	0	143	30	8	1	*	0	0	0
January 2044	*	*	*	*	*	*	0	0	123	24	6	1	*	0	0	0
January 2045	*	*	*	*	*	*	0	0	102	18	4	1	*	0	0	0
January 2046	*	*	*	*	*	*	0	0	79	13	3	*	*	0	0	0
January 2047	*	*	*	*	*	0	0	0	54	8	2	*	*	0	0	0
January 2048	*	*	*	*	*	0	0	0	28	3	1	*	*	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	10.9	5.5	4.4	4.4	4.4	3.1	2.0	1.5	25.1	18.4	13.9	8.8	2.2	1.3	0.9	0.6

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

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

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

Date	SY Class							SY Class						
	1.25994% LIBOR							2.51988% LIBOR						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	106%	200%	300%	400%	600%	0%	100%	106%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	76	100	100	100	100	100	100	76
January 2021	100	100	100	100	96	77	43	100	100	100	100	96	77	43
January 2022	100	100	100	100	80	58	24	100	100	100	100	80	58	24
January 2023	100	100	100	94	66	44	12	100	100	100	94	66	44	13
January 2024	100	100	100	82	54	32	6	100	100	100	82	54	33	6
January 2025	99	99	99	71	43	24	2	100	100	100	71	43	24	2
January 2026	99	99	98	61	34	17	*	100	100	98	61	35	17	*
January 2027	99	91	88	51	27	12	0	100	91	89	52	27	12	0
January 2028	99	82	79	43	21	8	0	100	82	79	43	21	9	0
January 2029	99	73	70	36	16	5	0	99	73	70	36	16	6	0
January 2030	99	64	61	29	11	3	0	99	64	62	30	12	4	0
January 2031	99	56	53	23	8	1	0	99	56	54	24	9	2	0
January 2032	99	48	45	18	5	*	0	99	49	46	19	6	1	0
January 2033	98	41	38	14	3	0	0	99	41	39	15	4	0	0
January 2034	98	34	32	10	1	0	0	99	35	33	11	2	0	0
January 2035	98	27	26	7	*	0	0	99	28	27	8	1	0	0
January 2036	91	21	20	5	0	0	0	92	23	21	6	0	0	0
January 2037	79	16	15	2	0	0	0	81	17	16	3	0	0	0
January 2038	67	11	10	*	0	0	0	68	12	11	2	0	0	0
January 2039	54	6	5	0	0	0	0	55	7	7	*	0	0	0
January 2040	40	2	1	0	0	0	0	41	3	3	0	0	0	0
January 2041	25	0	0	0	0	0	0	26	0	0	0	0	0	0
January 2042	9	0	0	0	0	0	0	11	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.0	13.2	12.9	9.0	6.2	4.3	2.2	20.2	13.3	13.0	9.1	6.3	4.4	2.2

Date	SY Class							SY Class						
	3.51988% LIBOR							4.50000% LIBOR						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	106%	200%	300%	400%	600%	0%	100%	106%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	76	100	100	100	100	100	100	76
January 2021	100	100	100	100	96	77	43	100	100	100	100	96	77	43
January 2022	100	100	100	100	81	59	24	100	100	100	100	81	59	24
January 2023	100	100	100	94	66	44	13	100	100	100	94	66	44	13
January 2024	100	100	100	83	54	33	6	100	100	100	83	54	33	6
January 2025	100	100	100	72	44	24	3	100	100	100	72	44	24	3
January 2026	100	100	98	61	35	18	*	100	100	99	61	35	18	1
January 2027	100	92	89	52	27	13	0	100	92	89	52	28	13	0
January 2028	100	82	79	44	21	9	0	100	83	80	44	22	9	0
January 2029	100	73	70	36	16	6	0	100	74	71	37	17	6	0
January 2030	100	65	62	30	12	4	0	100	65	62	30	13	4	0
January 2031	100	57	54	24	9	2	0	100	57	54	25	9	3	0
January 2032	100	49	46	20	7	1	0	100	49	47	20	7	1	0
January 2033	100	42	40	15	4	*	0	100	42	40	16	5	1	0
January 2034	100	35	33	12	3	0	0	100	36	33	12	3	*	0
January 2035	100	29	27	9	2	0	0	100	29	28	9	2	0	0
January 2036	93	23	22	6	1	0	0	93	24	22	7	1	0	0
January 2037	81	18	17	4	0	0	0	82	18	17	5	*	0	0
January 2038	69	13	12	2	0	0	0	69	13	12	3	0	0	0
January 2039	56	8	8	1	0	0	0	56	9	8	1	0	0	0
January 2040	42	4	4	0	0	0	0	43	5	4	*	0	0	0
January 2041	27	*	0	0	0	0	0	28	1	1	0	0	0	0
January 2042	12	0	0	0	0	0	0	12	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.3	13.4	13.1	9.2	6.3	4.4	2.2	20.4	13.5	13.2	9.2	6.4	4.4	2.2

* 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	SZ Class							SZ Class						
	1.25994% LIBOR							2.51988% LIBOR						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	106%	200%	300%	400%	600%	0%	100%	106%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	106	106	106	106	106	106	106	104	104	104	104	104	104	104
January 2021	112	112	112	112	112	112	112	107	107	107	107	107	107	107
January 2022	118	118	118	118	118	118	118	111	111	111	111	111	111	111
January 2023	125	125	125	125	125	125	125	115	115	115	115	115	115	115
January 2024	132	132	132	132	132	132	132	119	119	119	119	119	119	119
January 2025	140	140	140	140	140	140	140	123	123	123	123	123	123	123
January 2026	148	148	148	148	148	148	148	127	127	127	127	127	127	127
January 2027	157	157	157	157	157	157	66	132	132	132	132	132	132	66
January 2028	166	166	166	166	166	166	24	137	137	137	137	137	137	24
January 2029	176	176	176	176	176	176	4	141	141	141	141	141	141	4
January 2030	186	186	186	186	186	186	0	146	146	146	146	146	146	0
January 2031	197	197	197	197	197	197	0	151	151	151	151	151	151	0
January 2032	208	208	208	208	208	208	0	157	157	157	157	157	157	0
January 2033	220	220	220	220	220	220	146	0	162	162	162	162	162	0
January 2034	233	233	233	233	233	101	0	168	168	168	168	168	101	0
January 2035	247	247	247	247	247	68	0	174	174	174	174	174	68	0
January 2036	261	261	261	261	179	45	0	180	180	180	180	179	45	0
January 2037	276	276	276	276	123	29	0	186	186	186	186	123	29	0
January 2038	292	292	292	292	81	18	0	193	193	193	193	81	18	0
January 2039	309	309	309	203	49	10	0	200	200	200	200	49	10	0
January 2040	327	327	327	112	25	5	0	207	207	207	112	25	5	0
January 2041	346	157	144	37	8	1	0	214	157	144	37	8	1	0
January 2042	367	0	0	0	0	0	0	222	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	23.7	22.0	22.0	20.7	18.4	15.5	8.1	23.8	22.3	22.2	21.2	19.1	16.2	8.3

Date	SZ Class							SZ Class						
	3.51988% LIBOR							4.50000% LIBOR						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	106%	200%	300%	400%	600%	0%	100%	106%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	102	102	102	102	102	102	102	100	100	100	100	100	100	100
January 2021	104	104	104	104	104	104	104	100	100	100	100	100	100	100
January 2022	105	105	105	105	105	105	105	100	100	100	100	100	100	100
January 2023	107	107	107	107	107	107	107	100	100	100	100	100	100	100
January 2024	109	109	109	109	109	109	109	100	100	100	100	100	100	100
January 2025	111	111	111	111	111	111	111	100	100	100	100	100	100	100
January 2026	113	113	113	113	113	113	113	100	100	100	100	100	100	100
January 2027	115	115	115	115	115	115	66	100	100	100	100	100	100	66
January 2028	117	117	117	117	117	117	24	100	100	100	100	100	100	24
January 2029	119	119	119	119	119	119	4	100	100	100	100	100	100	4
January 2030	121	121	121	121	121	121	0	100	100	100	100	100	100	0
January 2031	123	123	123	123	123	123	0	100	100	100	100	100	100	0
January 2032	125	125	125	125	125	125	0	100	100	100	100	100	100	0
January 2033	127	127	127	127	127	127	0	100	100	100	100	100	100	0
January 2034	130	130	130	130	130	101	0	100	100	100	100	100	100	0
January 2035	132	132	132	132	132	68	0	100	100	100	100	100	68	0
January 2036	134	134	134	134	134	45	0	100	100	100	100	100	45	0
January 2037	136	136	136	136	123	29	0	100	100	100	100	100	29	0
January 2038	139	139	139	139	81	18	0	100	100	100	100	81	18	0
January 2039	141	141	141	141	49	10	0	100	100	100	100	49	10	0
January 2040	144	144	144	112	25	5	0	100	100	100	100	25	5	0
January 2041	146	146	144	37	8	1	0	100	100	100	37	8	1	0
January 2042	149	0	0	0	0	0	0	100	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	23.8	22.4	22.4	21.6	19.6	16.7	8.4	23.8	22.6	22.5	21.9	20.2	17.3	8.5

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

Date	IC† and OC Classes					OA Class				
	PSA Prepayment Assumption					PSA Prepayment Assumption				
	0%	99%	200%	300%	400%	0%	99%	200%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	97	83	100	100	100	95	65
January 2021	100	100	100	80	58	100	100	100	61	15
January 2022	100	100	96	66	40	100	100	93	32	0
January 2023	100	100	87	54	28	100	100	74	8	0
January 2024	100	100	78	44	19	100	100	56	0	0
January 2025	100	100	69	36	13	100	100	38	0	0
January 2026	100	100	61	29	8	100	100	21	0	0
January 2027	100	100	53	23	5	100	100	5	0	0
January 2028	100	92	45	18	3	100	84	0	0	0
January 2029	100	84	39	15	2	100	67	0	0	0
January 2030	100	75	33	11	1	100	50	0	0	0
January 2031	100	67	27	9	1	100	34	0	0	0
January 2032	100	59	23	7	*	100	18	0	0	0
January 2033	100	52	19	5	*	100	3	0	0	0
January 2034	100	44	15	4	0	100	0	0	0	0
January 2035	100	38	12	3	0	100	0	0	0	0
January 2036	100	31	9	2	0	100	0	0	0	0
January 2037	100	25	7	2	0	99	0	0	0	0
January 2038	86	20	5	1	0	72	0	0	0	0
January 2039	72	14	4	1	0	43	0	0	0	0
January 2040	56	10	2	*	0	13	0	0	0	0
January 2041	40	5	1	*	0	0	0	0	0	0
January 2042	23	1	*	*	0	0	0	0	0	0
January 2043	5	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	21.3	14.7	9.4	5.6	3.1	19.8	11.1	5.4	2.5	1.3

Date	OB Class					FA, SA† and A Classes					
	PSA Prepayment Assumption					PSA Prepayment Assumption					
	0%	99%	200%	300%	400%	0%	100%	384%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	99	97	92	89	85	78
January 2021	100	100	100	100	100	98	92	77	66	56	39
January 2022	100	100	100	100	80	97	85	58	42	29	11
January 2023	100	100	100	100	55	96	79	44	26	15	3
January 2024	100	100	100	88	37	95	73	34	17	8	1
January 2025	100	100	100	71	25	94	67	25	10	4	*
January 2026	100	100	100	58	17	92	62	19	7	2	*
January 2027	100	100	100	46	11	91	57	14	4	1	*
January 2028	100	100	91	37	7	89	53	11	3	1	*
January 2029	100	100	77	29	4	88	48	8	2	*	*
January 2030	100	100	65	23	2	86	44	6	1	*	*
January 2031	100	100	55	18	1	84	40	5	1	*	*
January 2032	100	100	46	14	1	82	37	3	*	*	*
January 2033	100	100	37	11	*	79	33	3	*	*	*
January 2034	100	89	30	8	0	77	30	2	*	*	*
January 2035	100	75	24	6	0	74	27	1	*	*	0
January 2036	100	62	19	4	0	71	24	1	*	*	0
January 2037	100	51	14	3	0	68	22	1	*	*	0
January 2038	100	39	10	2	0	64	19	1	*	*	0
January 2039	100	29	7	1	0	60	17	*	*	*	0
January 2040	100	19	5	1	0	56	14	*	*	*	0
January 2041	80	10	2	*	0	52	12	*	*	*	0
January 2042	46	2	*	*	0	47	10	*	*	*	0
January 2043	9	0	0	0	0	42	9	*	*	*	0
January 2044	0	0	0	0	0	36	7	*	*	*	0
January 2045	0	0	0	0	0	30	5	*	*	*	0
January 2046	0	0	0	0	0	23	4	*	*	0	0
January 2047	0	0	0	0	0	16	2	*	*	0	0
January 2048	0	0	0	0	0	8	1	*	*	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	22.9	18.3	13.4	8.7	4.9	20.5	11.2	4.6	3.2	2.5	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.

Date	AM Class						AL Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	384%	600%	800%	1200%	0%	100%	384%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	96	89	84	79	70	100	100	100	100	100	100
January 2021	98	89	67	52	39	14	100	100	100	100	100	100
January 2022	96	79	42	19	1	0	100	100	100	100	100	39
January 2023	95	71	22	0	0	0	100	100	100	93	53	11
January 2024	93	62	7	0	0	0	100	100	100	58	27	3
January 2025	91	54	0	0	0	0	100	100	89	37	14	1
January 2026	89	47	0	0	0	0	100	100	67	23	7	*
January 2027	87	40	0	0	0	0	100	100	51	14	4	*
January 2028	85	34	0	0	0	0	100	100	38	9	2	*
January 2029	83	28	0	0	0	0	100	100	29	6	1	*
January 2030	80	22	0	0	0	0	100	100	21	4	*	*
January 2031	77	16	0	0	0	0	100	100	16	2	*	*
January 2032	74	11	0	0	0	0	100	100	12	1	*	*
January 2033	71	7	0	0	0	0	100	100	9	1	*	*
January 2034	68	2	0	0	0	0	100	100	7	1	*	*
January 2035	64	0	0	0	0	0	100	95	5	*	*	*
January 2036	59	0	0	0	0	0	100	85	4	*	*	0
January 2037	55	0	0	0	0	0	100	75	3	*	*	0
January 2038	50	0	0	0	0	0	100	67	2	*	*	0
January 2039	45	0	0	0	0	0	100	59	1	*	*	0
January 2040	39	0	0	0	0	0	100	51	1	*	*	0
January 2041	33	0	0	0	0	0	100	44	1	*	*	0
January 2042	26	0	0	0	0	0	100	37	*	*	*	0
January 2043	19	0	0	0	0	0	100	30	*	*	*	0
January 2044	11	0	0	0	0	0	100	24	*	*	*	0
January 2045	2	0	0	0	0	0	100	19	*	*	*	0
January 2046	0	0	0	0	0	0	82	13	*	*	*	0
January 2047	0	0	0	0	0	0	57	8	*	*	*	0
January 2048	0	0	0	0	0	0	30	4	*	*	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.4	7.1	2.8	2.1	1.7	1.4	28.2	21.6	9.1	6.0	4.6	3.1

Date	AF, AS† and AB Classes						BC, BI†, BD, BE, BG, BH, BJ, BK, BM, BN and BA Classes					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	331%	600%	800%	1200%	0%	100%	331%	600%	800%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	97	93	89	85	78	99	96	90	83	78	67
January 2021	98	92	79	66	56	39	97	88	69	49	34	8
January 2022	97	85	63	42	29	11	96	78	44	13	0	0
January 2023	96	79	50	26	15	3	94	68	24	0	0	0
January 2024	95	73	39	17	8	1	92	59	9	0	0	0
January 2025	93	67	31	10	4	*	90	50	0	0	0	0
January 2026	92	62	24	7	2	*	88	43	0	0	0	0
January 2027	90	57	19	4	1	*	85	35	0	0	0	0
January 2028	89	52	15	3	1	*	83	28	0	0	0	0
January 2029	87	48	12	2	*	*	80	22	0	0	0	0
January 2030	85	44	9	1	*	*	77	15	0	0	0	0
January 2031	83	40	7	1	*	*	74	10	0	0	0	0
January 2032	80	36	5	*	*	*	71	4	0	0	0	0
January 2033	78	33	4	*	*	*	67	0	0	0	0	0
January 2034	75	29	3	*	*	*	63	0	0	0	0	0
January 2035	73	26	2	*	*	0	59	0	0	0	0	0
January 2036	70	24	2	*	*	0	54	0	0	0	0	0
January 2037	66	21	1	*	*	0	49	0	0	0	0	0
January 2038	63	19	1	*	*	0	44	0	0	0	0	0
January 2039	59	16	1	*	*	0	38	0	0	0	0	0
January 2040	55	14	1	*	*	0	32	0	0	0	0	0
January 2041	50	12	*	*	*	0	26	0	0	0	0	0
January 2042	46	10	*	*	*	0	18	0	0	0	0	0
January 2043	40	8	*	*	*	0	11	0	0	0	0	0
January 2044	35	7	*	*	*	0	2	0	0	0	0	0
January 2045	29	5	*	*	*	0	0	0	0	0	0	0
January 2046	22	4	*	*	0	0	0	0	0	0	0	0
January 2047	16	2	*	*	0	0	0	0	0	0	0	0
January 2048	8	1	*	*	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.2	11.1	5.1	3.2	2.5	1.8	16.4	6.5	2.9	2.0	1.6	1.3

* 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.

Date	BL Class						MB, MI†, MC, MD, ME, MG, MH, MJ, MK, MN and MA Classes								
	PSA Prepayment Assumption						PSA Prepayment Assumption								
	0%	100%	331%	600%	800%	1200%	0%	100%	190%	300%	500%	800%	1400%	2100%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
January 2020	100	100	100	100	100	100	97	87	83	83	83	76	23	0	
January 2021	100	100	100	100	100	100	93	75	67	67	67	38	3	0	
January 2022	100	100	100	100	88	33	90	63	52	52	48	19	*	0	
January 2023	100	100	100	79	45	9	86	52	39	39	33	10	0	0	
January 2024	100	100	100	50	23	3	82	41	27	27	22	5	0	0	
January 2025	100	100	92	31	12	1	78	31	19	19	15	2	0	0	
January 2026	100	100	72	20	6	*	74	21	14	14	10	1	0	0	
January 2027	100	100	57	12	3	*	69	12	10	10	7	*	0	0	
January 2028	100	100	44	8	2	*	64	7	7	7	4	0	0	0	
January 2029	100	100	35	5	1	*	59	5	5	5	3	0	0	0	
January 2030	100	100	27	3	*	*	53	3	3	3	2	0	0	0	
January 2031	100	100	21	2	*	*	48	2	2	2	1	0	0	0	
January 2032	100	100	16	1	*	*	42	1	1	1	1	0	0	0	
January 2033	100	98	13	1	*	*	35	1	1	1	*	0	0	0	
January 2034	100	89	10	*	*	*	28	*	*	*	0	0	0	0	
January 2035	100	80	7	*	*	*	21	*	*	*	0	0	0	0	
January 2036	100	71	6	*	*	0	13	0	0	0	0	0	0	0	
January 2037	100	63	4	*	*	0	5	0	0	0	0	0	0	0	
January 2038	100	56	3	*	*	0	0	0	0	0	0	0	0	0	
January 2039	100	49	2	*	*	0	0	0	0	0	0	0	0	0	
January 2040	100	42	2	*	*	0	0	0	0	0	0	0	0	0	
January 2041	100	36	1	*	*	0	0	0	0	0	0	0	0	0	
January 2042	100	31	1	*	*	0	0	0	0	0	0	0	0	0	
January 2043	100	25	1	*	*	0	0	0	0	0	0	0	0	0	
January 2044	100	20	*	*	*	0	0	0	0	0	0	0	0	0	
January 2045	87	15	*	*	*	0	0	0	0	0	0	0	0	0	
January 2046	68	11	*	*	*	0	0	0	0	0	0	0	0	0	
January 2047	47	7	*	*	0	0	0	0	0	0	0	0	0	0	
January 2048	24	3	*	*	0	0	0	0	0	0	0	0	0	0	
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average Life (years)**	27.8	20.5	9.7	5.7	4.3	2.9	10.9	4.5	3.8	3.8	3.5	2.0	0.8	0.1	

Date	ML Class								ZM Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	190%	300%	500%	800%	1400%	2100%	0%	100%	190%	300%	500%	800%	1400%	2100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	100	0	104	104	96	76	40	0	0	0
January 2021	100	100	100	100	100	100	100	0	107	107	94	61	7	0	0	0
January 2022	100	100	100	100	100	100	100	0	111	111	94	52	0	0	0	0
January 2023	100	100	100	100	100	100	21	0	115	115	95	48	0	0	0	0
January 2024	100	100	100	100	100	100	3	0	119	119	95	46	0	0	0	0
January 2025	100	100	100	100	100	100	1	0	123	123	91	42	0	0	0	0
January 2026	100	100	100	100	100	100	*	0	128	128	85	37	0	0	0	0
January 2027	100	100	100	100	100	100	*	0	132	132	77	32	0	0	0	0
January 2028	100	100	100	100	100	76	*	0	137	129	70	27	0	0	0	0
January 2029	100	100	100	100	100	38	*	0	142	120	62	23	0	0	0	0
January 2030	100	100	100	100	100	19	*	0	147	111	54	19	0	0	0	0
January 2031	100	100	100	100	100	10	*	0	152	101	47	16	0	0	0	0
January 2032	100	100	100	100	100	5	*	0	158	92	41	13	0	0	0	0
January 2033	100	100	100	100	100	2	0	0	163	83	35	10	0	0	0	0
January 2034	100	100	100	100	100	1	0	0	169	75	30	8	0	0	0	0
January 2035	100	100	100	100	66	1	0	0	175	66	25	6	0	0	0	0
January 2036	100	87	87	87	43	*	0	0	181	58	21	5	0	0	0	0
January 2037	100	59	59	59	28	*	0	0	188	51	17	4	0	0	0	0
January 2038	39	39	39	39	18	*	0	0	188	44	14	3	0	0	0	0
January 2039	26	26	26	26	11	*	0	0	177	37	11	2	0	0	0	0
January 2040	16	16	16	16	7	*	0	0	164	31	9	2	0	0	0	0
January 2041	10	10	10	10	4	*	0	0	151	25	7	1	0	0	0	0
January 2042	6	6	6	6	2	*	0	0	136	20	5	1	0	0	0	0
January 2043	3	3	3	3	1	*	0	0	121	15	4	1	0	0	0	0
January 2044	2	2	2	2	1	*	0	0	104	10	2	*	0	0	0	0
January 2045	*	*	*	*	*	*	0	0	86	5	1	*	0	0	0	0
January 2046	0	0	0	0	*	*	0	0	67	1	*	*	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	46	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	19.0	19.0	19.0	17.3	10.1	3.7	0.1	25.1	16.6	12.2	5.8	0.9	0.4	0.1	0.1

* 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.

IO† Class								
PSA Prepayment Assumption								
Date	0%	100%	190%	300%	500%	800%	1400%	2100%
Initial Percent	100	100	100	100	100	100	100	100
January 2020	99	92	87	81	69	51	16	0
January 2021	98	85	76	65	47	26	3	0
January 2022	97	79	66	52	32	13	*	0
January 2023	95	72	57	42	22	7	*	0
January 2024	94	66	49	34	15	3	*	0
January 2025	93	61	43	27	10	2	*	0
January 2026	91	56	37	21	7	1	*	0
January 2027	89	51	32	17	5	*	*	0
January 2028	88	46	27	14	3	*	*	0
January 2029	86	42	23	11	2	*	0	0
January 2030	84	38	20	9	1	*	0	0
January 2031	82	34	17	7	1	*	0	0
January 2032	79	31	14	5	1	*	0	0
January 2033	77	28	12	4	*	*	0	0
January 2034	74	25	10	3	*	*	0	0
January 2035	71	22	8	2	*	*	0	0
January 2036	68	19	7	2	*	*	0	0
January 2037	65	17	6	1	*	*	0	0
January 2038	61	14	5	1	*	*	0	0
January 2039	57	12	4	1	*	*	0	0
January 2040	53	10	3	1	*	*	0	0
January 2041	49	8	2	*	*	*	0	0
January 2042	44	6	2	*	*	*	0	0
January 2043	39	5	1	*	*	*	0	0
January 2044	34	3	1	*	*	*	0	0
January 2045	28	2	*	*	*	0	0	0
January 2046	22	*	*	*	*	0	0	0
January 2047	15	0	0	0	0	0	0	0
January 2048	8	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.9	9.8	6.6	4.5	2.7	1.5	0.6	0.1

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

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

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

Characteristics of the Residual Classes

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

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

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections and Special Tax Attributes

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

Taxation of Beneficial Owners of Regular Certificates

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

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

<u>Group</u>	<u>Prepayment Assumption</u>
1	250% PSA
2	397% PSA
3	135% PSA
4	125% PSA
5	250% PSA
6	300% PSA
7	106% PSA
8	99% PSA
9	384% PSA

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

The law informally known as the Tax Cuts and Jobs Act ("TCJA"), which was enacted on December 22, 2017, generally requires a beneficial owner of a Regular Certificate that uses an accrual method of accounting for tax purposes to include certain amounts in income no later than the time such amounts are reflected on certain financial statements. Although the precise application of this rule is unclear, it might require the accrual of income earlier than is the case under the general tax rules described under "Material Federal Income Tax Consequences-Taxation of Beneficial Owners of Regular Certificates" in the REMIC Prospectus. This rule is generally effective for tax years beginning after December 31, 2017, or for Regular Certificates issued with original issue discount, for tax years beginning after December 31, 2018. The IRS issued Notice 2018-80, stating its intention to exclude market discount from the application of this rule, effective January 1, 2018. Prospective investors in Regular Certificates that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situations.

Taxation of Beneficial Owners of Residual Certificates

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

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

Taxation of Beneficial Owners of RCR Certificates

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

Generally, the ownership interest represented by an RCR certificate will be one of two types. A certificate of a Combination RCR Class (a "Combination RCR Certificate") will represent beneficial ownership of undivided interests in one or more underlying Regular Certificates. A certificate of a Strip RCR Class (a "Strip RCR Certificate") will represent the right to receive a disproportionate part of the principal or interest payments on one or more underlying Regular Certificates. 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 Wells Fargo Bank, N.A. (the "Dealer") in exchange for the Trust MBS, and the Underlying REMIC 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. K&L Gates LLP will provide legal representation for the Dealer.

Group 3 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>January 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>
2016-59	CA	August 2016	3136ATPN8	3.5 %	FIX	September 2043	SEQ	\$ 88,000,000	0.74643638	\$ 57,958,545.60	3.972 %	321	32

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

Group 7 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>January 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>
2012-136	CS	November 2012	3136A96X1	(2)	INV	December 2042	SUP	\$ 20,000,000	0.39962411	\$ 7,612,839.30	3.928 %	271	77

(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 8 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>January 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>
2013-41	SC	April 2013	3136ADP86	(2)	INV	May 2043	SUP	\$ 19,348,400	0.88942224	\$ 3,867,563.67	3.671 %	279	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 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								
VG	\$ 5,429,000	GE (3)	\$ 22,659,037	SEQ	3.50%	FIX	3136B3D56	February 2049
GV	5,901,000							
GZ	11,329,037							
Recombination 2								
NC	1,395,499	N	2,790,998	SUP	3.50	FIX	3136B3D64	February 2049
ND	1,395,499							
Recombination 3								
AM	10,226,609	A	14,305,053	PT	3.50	FIX	3136B3D72	February 2049
AL	4,078,444							
Recombination 4								
BC	17,761,248	AB	26,604,170	PT	3.50	FIX	3136B3D80	February 2049
BI	5,328,374 (4)							
BL	8,842,922							
Recombination 5								
BC	17,761,248	BD	17,761,248	SEQ	2.50	FIX	3136B3D98	June 2044
BI	1,776,124 (4)							
Recombination 6								
BC	17,761,248	BE	17,761,248	SEQ	2.75	FIX	3136B3E22	June 2044
BI	2,664,187 (4)							
Recombination 7								
BC	17,761,248	BG	17,761,248	SEQ	3.00	FIX	3136B3E30	June 2044
BI	3,552,249 (4)							
Recombination 8								
BC	17,761,248	BH	17,761,248	SEQ	3.25	FIX	3136B3E48	June 2044
BI	4,440,311 (4)							
Recombination 9								
BC	15,223,925	BJ	15,223,925	SEQ	3.75	FIX	3136B3E55	June 2044
BI	5,328,374 (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								
BC	\$ 13,320,936	BK	\$ 13,320,936	SEQ	4.00%	FIX	3136B3E63	June 2044
BI	5,328,374 (4)							
Recombination 11								
BC	11,840,831	BM	11,840,831	SEQ	4.25	FIX	3136B3E71	June 2044
BI	5,328,374 (4)							
Recombination 12								
BC	10,656,748	BN	10,656,748	SEQ	4.50	FIX	3136B3E89	June 2044
BI	5,328,374 (4)							
Recombination 13								
BC	17,761,248	BA	17,761,248	SEQ	3.50	FIX	3136B3E97	June 2044
BI	5,328,374 (4)							
Recombination 14								
MB	45,187,000	MC	45,187,000	PAC/AD	2.25	FIX	3136B3F21	February 2049
MI	2,510,388 (4)							
Recombination 15								
MB	45,187,000	MD	45,187,000	PAC/AD	2.50	FIX	3136B3F39	February 2049
MI	5,020,777 (4)							
Recombination 16								
MB	45,187,000	ME	45,187,000	PAC/AD	2.75	FIX	3136B3F47	February 2049
MI	7,531,166 (4)							
Recombination 17								
MB	45,187,000	MG	45,187,000	PAC/AD	2.875	FIX	3136B3F54	February 2049
MI	8,786,360 (4)							
Recombination 18								
MB	45,187,000	MH	45,187,000	PAC/AD	3.00	FIX	3136B3F62	February 2049
MI	10,041,555 (4)							
Recombination 19								
MB	45,187,000	MJ	45,187,000	PAC/AD	3.125	FIX	3136B3F70	February 2049
MI	11,296,749 (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 20								
MB	\$ 45,187,000	MK	\$ 45,187,000	PAC/AD	3.25%	FIX	3136B3F88	February 2049
MI	12,551,944 (4)							
Recombination 21								
MB	45,187,000	MN	45,187,000	PAC/AD	3.375	FIX	3136B3F96	February 2049
MI	13,807,138 (4)							
Recombination 22								
MB	45,187,000	MA	45,187,000	PAC/AD	3.50	FIX	3136B3G20	February 2049
MI	15,062,333 (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 GZ 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.

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	\$ 22,326,000.00	December 2023	\$ 11,460,316.26	November 2028	\$ 4,034,068.06
February 2019	22,267,516.70	January 2024	11,284,371.83	December 2028	3,959,564.19
March 2019	22,200,883.53	February 2024	11,110,137.78	January 2029	3,886,375.81
April 2019	22,126,130.47	March 2024	10,937,598.02	February 2029	3,814,480.28
May 2019	22,043,294.83	April 2024	10,766,736.59	March 2029	3,743,855.36
June 2019	21,952,421.22	May 2024	10,597,537.69	April 2029	3,674,479.18
July 2019	21,853,561.55	June 2024	10,429,985.67	May 2029	3,606,330.25
August 2019	21,746,774.98	July 2024	10,264,065.00	June 2029	3,539,387.45
September 2019	21,632,127.85	August 2024	10,099,760.33	July 2029	3,473,629.98
October 2019	21,509,693.67	September 2024	9,937,056.42	August 2029	3,409,037.43
November 2019	21,379,553.06	October 2024	9,775,938.19	September 2029	3,345,589.73
December 2019	21,241,793.61	November 2024	9,616,390.69	October 2029	3,283,267.14
January 2020	21,096,509.84	December 2024	9,458,399.13	November 2029	3,222,050.26
February 2020	20,943,803.12	January 2025	9,301,948.84	December 2029	3,161,920.01
March 2020	20,783,781.51	February 2025	9,147,025.28	January 2030	3,102,857.64
April 2020	20,616,559.65	March 2025	8,993,614.06	February 2030	3,044,844.73
May 2020	20,442,258.69	April 2025	8,841,700.91	March 2030	2,987,863.16
June 2020	20,261,006.05	May 2025	8,691,271.71	April 2030	2,931,895.11
July 2020	20,072,935.37	June 2025	8,542,312.47	May 2030	2,876,923.07
August 2020	19,878,186.28	July 2025	8,394,809.30	June 2030	2,822,929.84
September 2020	19,676,904.25	August 2025	8,248,748.48	July 2030	2,769,898.48
October 2020	19,469,240.45	September 2025	8,104,116.39	August 2030	2,717,812.38
November 2020	19,255,351.50	October 2025	7,960,899.54	September 2030	2,666,655.18
December 2020	19,035,399.32	November 2025	7,819,084.59	October 2030	2,616,410.80
January 2021	18,809,550.89	December 2025	7,678,658.29	November 2030	2,567,063.45
February 2021	18,577,978.10	January 2026	7,540,341.74	December 2030	2,518,597.59
March 2021	18,340,857.43	February 2026	7,404,432.58	January 2031	2,470,997.97
April 2021	18,098,369.85	March 2026	7,270,889.79	February 2031	2,424,249.56
May 2021	17,858,217.84	April 2026	7,139,672.99	March 2031	2,378,337.62
June 2021	17,620,379.50	May 2026	7,010,742.53	April 2031	2,333,247.65
July 2021	17,384,833.12	June 2026	6,884,059.40	May 2031	2,288,965.38
August 2021	17,151,557.21	July 2026	6,759,585.24	June 2031	2,245,476.82
September 2021	16,920,530.45	August 2026	6,637,282.36	July 2031	2,202,768.18
October 2021	16,691,731.74	September 2026	6,517,113.68	August 2031	2,160,825.92
November 2021	16,465,140.18	October 2026	6,399,042.77	September 2031	2,119,636.73
December 2021	16,240,735.05	November 2026	6,283,033.79	October 2031	2,079,187.54
January 2022	16,018,495.83	December 2026	6,169,051.52	November 2031	2,039,465.48
February 2022	15,798,402.18	January 2027	6,057,061.32	December 2031	2,000,457.91
March 2022	15,580,433.96	February 2027	5,947,029.14	January 2032	1,962,152.40
April 2022	15,364,571.21	March 2027	5,838,921.52	February 2032	1,924,536.75
May 2022	15,150,794.17	April 2027	5,732,705.54	March 2032	1,887,598.93
June 2022	14,939,083.24	May 2027	5,628,348.84	April 2032	1,851,327.17
July 2022	14,729,419.01	June 2027	5,525,819.61	May 2032	1,815,709.84
August 2022	14,521,782.27	July 2027	5,425,086.59	June 2032	1,780,735.56
September 2022	14,316,153.96	August 2027	5,326,119.02	July 2032	1,746,393.12
October 2022	14,112,515.21	September 2027	5,228,886.67	August 2032	1,712,671.49
November 2022	13,910,847.33	October 2027	5,133,359.83	September 2032	1,679,559.85
December 2022	13,711,131.79	November 2027	5,039,509.29	October 2032	1,647,047.56
January 2023	13,513,350.25	December 2027	4,947,306.32	November 2032	1,615,124.15
February 2023	13,317,484.52	January 2028	4,856,722.68	December 2032	1,583,779.34
March 2023	13,123,516.60	February 2028	4,767,730.60	January 2033	1,553,003.03
April 2023	12,931,428.64	March 2028	4,680,302.81	February 2033	1,522,785.28
May 2023	12,741,202.96	April 2028	4,594,412.47	March 2033	1,493,116.32
June 2023	12,552,822.05	May 2028	4,510,033.19	April 2033	1,463,986.57
July 2023	12,366,268.55	June 2028	4,427,139.06	May 2033	1,435,386.57
August 2023	12,181,525.29	July 2028	4,345,704.56	June 2033	1,407,307.07
September 2023	11,998,575.22	August 2028	4,265,704.65	July 2033	1,379,738.94
October 2023	11,817,401.48	September 2028	4,187,114.67	August 2033	1,352,673.23
November 2023	11,637,987.35	October 2028	4,109,910.41	September 2033	1,326,101.14

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>
October 2033	\$ 1,300,014.01	November 2038	\$ 359,950.52	December 2043	\$ 73,784.13
November 2033	1,274,403.33	December 2038	351,888.59	January 2044	71,485.89
December 2033	1,249,260.75	January 2039	343,983.02	February 2044	69,237.47
January 2034	1,224,578.05	February 2039	336,230.98	March 2044	67,037.91
February 2034	1,200,347.15	March 2039	328,629.68	April 2044	64,886.28
March 2034	1,176,560.11	April 2039	321,176.39	May 2044	62,781.66
April 2034	1,153,209.14	May 2039	313,868.40	June 2044	60,723.15
May 2034	1,130,286.57	June 2039	306,703.09	July 2044	58,709.85
June 2034	1,107,784.86	July 2039	299,677.85	August 2044	56,740.91
July 2034	1,085,696.60	August 2039	292,790.13	September 2044	54,815.46
August 2034	1,064,014.52	September 2039	286,037.44	October 2044	52,932.67
September 2034	1,042,731.46	October 2039	279,417.30	November 2044	51,091.72
October 2034	1,021,840.38	November 2039	272,927.30	December 2044	49,291.78
November 2034	1,001,334.39	December 2039	266,565.06	January 2045	47,532.08
December 2034	981,206.68	January 2040	260,328.24	February 2045	45,811.82
January 2035	961,450.58	February 2040	254,214.56	March 2045	44,130.25
February 2035	942,059.53	March 2040	248,221.76	April 2045	42,486.61
March 2035	923,027.08	April 2040	242,347.63	May 2045	40,880.16
April 2035	904,346.90	May 2040	236,589.98	June 2045	39,310.18
May 2035	886,012.75	June 2040	230,946.69	July 2045	37,775.96
June 2035	868,018.52	July 2040	225,415.65	August 2045	36,276.79
July 2035	850,358.20	August 2040	219,994.81	September 2045	34,812.00
August 2035	833,025.86	September 2040	214,682.13	October 2045	33,380.90
September 2035	816,015.70	October 2040	209,475.63	November 2045	31,982.84
October 2035	799,322.02	November 2040	204,373.35	December 2045	30,617.17
November 2035	782,939.19	December 2040	199,373.37	January 2046	29,283.25
December 2035	766,861.71	January 2041	194,473.81	February 2046	27,980.46
January 2036	751,084.15	February 2041	189,672.80	March 2046	26,708.17
February 2036	735,601.20	March 2041	184,968.54	April 2046	25,465.79
March 2036	720,407.61	April 2041	180,359.22	May 2046	24,252.73
April 2036	705,498.24	May 2041	175,843.10	June 2046	23,068.40
May 2036	690,868.04	June 2041	171,418.45	July 2046	21,912.24
June 2036	676,512.04	July 2041	167,083.57	August 2046	20,783.68
July 2036	662,425.36	August 2041	162,836.79	September 2046	19,682.17
August 2036	648,603.20	September 2041	158,676.49	October 2046	18,607.18
September 2036	635,040.84	October 2041	154,601.05	November 2046	17,558.17
October 2036	621,733.66	November 2041	150,608.90	December 2046	16,534.63
November 2036	608,677.10	December 2041	146,698.48	January 2047	15,536.04
December 2036	595,866.69	January 2042	142,868.27	February 2047	14,561.91
January 2037	583,298.03	February 2042	139,116.78	March 2047	13,611.73
February 2037	570,966.80	March 2042	135,442.54	April 2047	12,685.04
March 2037	558,868.76	April 2042	131,844.10	May 2047	11,781.35
April 2037	546,999.73	May 2042	128,320.04	June 2047	10,900.20
May 2037	535,355.62	June 2042	124,868.98	July 2047	10,041.14
June 2037	523,932.39	July 2042	121,489.54	August 2047	9,203.71
July 2037	512,726.09	August 2042	118,180.38	September 2047	8,387.48
August 2037	501,732.83	September 2042	114,940.19	October 2047	7,592.02
September 2037	490,948.79	October 2042	111,767.66	November 2047	6,816.89
October 2037	480,370.20	November 2042	108,661.53	December 2047	6,061.70
November 2037	469,993.38	December 2042	105,620.54	January 2048	5,326.02
December 2037	459,814.71	January 2043	102,643.46	February 2048	4,609.46
January 2038	449,830.61	February 2043	99,729.10	March 2048	3,911.63
February 2038	440,037.60	March 2043	96,876.26	April 2048	3,232.14
March 2038	430,432.22	April 2043	94,083.78	May 2048	2,570.60
April 2038	421,011.09	May 2043	91,350.52	June 2048	1,926.66
May 2038	411,770.90	June 2043	88,675.36	July 2048	1,299.95
June 2038	402,708.38	July 2043	86,057.20	August 2048	690.11
July 2038	393,820.32	August 2043	83,494.95	September 2048	96.78
August 2038	385,103.58	September 2043	80,987.56	October 2048 and thereafter	0.00
September 2038	376,555.05	October 2043	78,533.97		
October 2038	368,171.69	November 2043	76,133.16		

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	\$ 12,067,000.00	February 2024	\$ 6,084,516.82	March 2029	\$ 2,056,378.92
February 2019	12,039,880.18	March 2024	5,990,536.45	April 2029	2,018,303.00
March 2019	12,008,351.89	April 2024	5,897,469.85	May 2029	1,980,900.25
April 2019	11,972,427.33	May 2024	5,805,308.42	June 2029	1,944,159.08
May 2019	11,932,122.67	June 2024	5,714,043.62	July 2029	1,908,068.11
June 2019	11,887,458.00	July 2024	5,623,667.03	August 2029	1,872,616.14
July 2019	11,838,457.39	August 2024	5,534,170.26	September 2029	1,837,792.16
August 2019	11,785,148.81	September 2024	5,445,545.04	October 2029	1,803,585.34
September 2019	11,727,564.16	October 2024	5,357,783.15	November 2029	1,769,985.06
October 2019	11,665,739.20	November 2024	5,270,876.46	December 2029	1,736,980.85
November 2019	11,599,713.58	December 2024	5,184,816.91	January 2030	1,704,562.42
December 2019	11,529,530.76	January 2025	5,099,596.52	February 2030	1,672,719.68
January 2020	11,455,237.97	February 2025	5,015,207.37	March 2030	1,641,442.69
February 2020	11,376,886.20	March 2025	4,931,641.63	April 2030	1,610,721.68
March 2020	11,294,530.09	April 2025	4,848,891.53	May 2030	1,580,547.05
April 2020	11,208,227.93	May 2025	4,766,949.39	June 2030	1,550,909.36
May 2020	11,118,041.54	June 2025	4,685,807.59	July 2030	1,521,799.33
June 2020	11,024,036.25	July 2025	4,605,458.57	August 2030	1,493,207.85
July 2020	10,926,280.79	August 2025	4,525,894.86	September 2030	1,465,125.95
August 2020	10,824,847.23	September 2025	4,447,109.05	October 2030	1,437,544.80
September 2020	10,719,810.87	October 2025	4,369,093.80	November 2030	1,410,455.76
October 2020	10,611,250.18	November 2025	4,291,841.84	December 2030	1,383,850.30
November 2020	10,499,246.67	December 2025	4,215,345.96	January 2031	1,357,720.05
December 2020	10,383,884.83	January 2026	4,139,599.02	February 2031	1,332,056.78
January 2021	10,265,251.98	February 2026	4,065,032.88	March 2031	1,306,852.40
February 2021	10,143,438.19	March 2026	3,991,764.47	April 2031	1,282,098.96
March 2021	10,018,536.16	April 2026	3,919,771.65	May 2031	1,257,788.64
April 2021	9,890,641.09	May 2026	3,849,032.67	June 2031	1,233,913.76
May 2021	9,759,850.58	June 2026	3,779,526.15	July 2031	1,210,466.76
June 2021	9,630,319.66	July 2026	3,711,231.08	August 2031	1,187,440.22
July 2021	9,502,036.52	August 2026	3,644,126.76	September 2031	1,164,826.83
August 2021	9,374,989.46	September 2026	3,578,192.89	October 2031	1,142,619.43
September 2021	9,249,166.88	October 2026	3,513,409.49	November 2031	1,120,810.97
October 2021	9,124,557.30	November 2026	3,449,756.90	December 2031	1,099,394.50
November 2021	9,001,149.33	December 2026	3,387,215.82	January 2032	1,078,363.22
December 2021	8,878,931.70	January 2027	3,325,767.25	February 2032	1,057,710.42
January 2022	8,757,893.23	February 2027	3,265,392.54	March 2032	1,037,429.53
February 2022	8,638,022.87	March 2027	3,206,073.32	April 2032	1,017,514.07
March 2022	8,519,309.63	April 2027	3,147,791.56	May 2032	997,957.69
April 2022	8,401,742.67	May 2027	3,090,529.51	June 2032	978,754.11
May 2022	8,285,311.22	June 2027	3,034,269.74	July 2032	959,897.21
June 2022	8,170,004.62	July 2027	2,978,995.09	August 2032	941,380.94
July 2022	8,055,812.30	August 2027	2,924,688.71	September 2032	923,199.36
August 2022	7,942,723.79	September 2027	2,871,334.03	October 2032	905,346.63
September 2022	7,830,728.74	October 2027	2,818,914.75	November 2032	887,817.02
October 2022	7,719,816.86	November 2027	2,767,414.86	December 2032	870,604.88
November 2022	7,609,977.99	December 2027	2,716,818.60	January 2033	853,704.68
December 2022	7,501,202.04	January 2028	2,667,110.50	February 2033	837,110.96
January 2023	7,393,479.01	February 2028	2,618,275.32	March 2033	820,818.37
February 2023	7,286,799.03	March 2028	2,570,298.12	April 2033	804,821.65
March 2023	7,181,152.27	April 2028	2,523,164.18	May 2033	789,115.62
April 2023	7,076,529.04	May 2028	2,476,859.03	June 2033	773,695.19
May 2023	6,972,919.69	June 2028	2,431,368.45	July 2033	758,555.38
June 2023	6,870,314.72	July 2028	2,386,678.48	August 2033	743,691.25
July 2023	6,768,704.66	August 2028	2,342,775.36	September 2033	729,097.99
August 2023	6,668,080.16	September 2028	2,299,645.58	October 2033	714,770.85
September 2023	6,568,431.95	October 2028	2,257,275.87	November 2033	700,705.17
October 2023	6,469,750.85	November 2028	2,215,653.16	December 2033	686,896.35
November 2023	6,372,027.76	December 2028	2,174,764.63	January 2034	673,339.90
December 2023	6,275,253.67	January 2029	2,134,597.65	February 2034	660,031.38
January 2024	6,179,419.63	February 2029	2,095,139.81	March 2034	646,966.44

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>
April 2034	\$ 634,140.80	March 2039	\$ 181,023.74	February 2044	\$ 38,249.50
May 2034	621,550.26	April 2039	176,924.69	March 2044	37,036.83
June 2034	609,190.67	May 2039	172,905.44	April 2044	35,850.50
July 2034	597,057.99	June 2039	168,964.54	May 2044	34,690.02
August 2034	585,148.22	July 2039	165,100.57	June 2044	33,554.89
September 2034	573,457.42	August 2039	161,312.13	July 2044	32,444.63
October 2034	561,981.75	September 2039	157,597.84	August 2044	31,358.75
November 2034	550,717.42	October 2039	153,956.35	September 2044	30,296.79
December 2034	539,660.69	November 2039	150,386.33	October 2044	29,258.28
January 2035	528,807.92	December 2039	146,886.49	November 2044	28,242.78
February 2035	518,155.49	January 2040	143,455.53	December 2044	27,249.84
March 2035	507,699.87	February 2040	140,092.21	January 2045	26,279.02
April 2035	497,437.60	March 2040	136,795.27	February 2045	25,329.89
May 2035	487,365.24	April 2040	133,563.52	March 2045	24,402.04
June 2035	477,479.44	May 2040	130,395.75	April 2045	23,495.05
July 2035	467,776.91	June 2040	127,290.79	May 2045	22,608.52
August 2035	458,254.40	July 2040	124,247.50	June 2045	21,742.04
September 2035	448,908.73	August 2040	121,264.73	July 2045	20,895.24
October 2035	439,736.75	September 2040	118,341.38	August 2045	20,067.71
November 2035	430,735.40	October 2040	115,476.35	September 2045	19,259.09
December 2035	421,901.65	November 2040	112,668.58	October 2045	18,469.01
January 2036	413,232.53	December 2040	109,917.00	November 2045	17,697.10
February 2036	404,725.11	January 2041	107,220.58	December 2045	16,943.01
March 2036	396,376.52	February 2041	104,578.31	January 2046	16,206.38
April 2036	388,183.95	March 2041	101,989.19	February 2046	15,486.88
May 2036	380,144.61	April 2041	99,452.22	March 2046	14,784.16
June 2036	372,255.79	May 2041	96,966.46	April 2046	14,097.90
July 2036	364,514.81	June 2041	94,530.95	May 2046	13,427.77
August 2036	356,919.03	July 2041	92,144.76	June 2046	12,773.44
September 2036	349,465.86	August 2041	89,806.98	July 2046	12,134.62
October 2036	342,152.78	September 2041	87,516.71	August 2046	11,510.98
November 2036	334,977.27	October 2041	85,273.06	September 2046	10,902.23
December 2036	327,936.89	November 2041	83,075.18	October 2046	10,308.07
January 2037	321,029.22	December 2041	80,922.20	November 2046	9,728.21
February 2037	314,251.90	January 2042	78,813.30	December 2046	9,162.36
March 2037	307,602.59	February 2042	76,747.65	January 2047	8,610.25
April 2037	301,079.00	March 2042	74,724.45	February 2047	8,071.59
May 2037	294,678.89	April 2042	72,742.90	March 2047	7,546.13
June 2037	288,400.05	May 2042	70,802.23	April 2047	7,033.58
July 2037	282,240.30	June 2042	68,901.67	May 2047	6,533.70
August 2037	276,197.51	July 2042	67,040.47	June 2047	6,046.23
September 2037	270,269.59	August 2042	65,217.89	July 2047	5,570.92
October 2037	264,454.46	September 2042	63,433.21	August 2047	5,107.51
November 2037	258,750.12	October 2042	61,685.72	September 2047	4,655.77
December 2037	253,154.56	November 2042	59,974.72	October 2047	4,215.47
January 2038	247,665.84	December 2042	58,299.51	November 2047	3,786.37
February 2038	242,282.03	January 2043	56,659.44	December 2047	3,368.23
March 2038	237,001.24	February 2043	55,053.84	January 2048	2,960.85
April 2038	231,821.63	March 2043	53,482.04	February 2048	2,563.99
May 2038	226,741.35	April 2043	51,943.43	March 2048	2,177.44
June 2038	221,758.64	May 2043	50,437.37	April 2048	1,800.99
July 2038	216,871.72	June 2043	48,963.24	May 2048	1,434.44
August 2038	212,078.87	July 2043	47,520.44	June 2048	1,077.57
September 2038	207,378.39	August 2043	46,108.38	July 2048	730.19
October 2038	202,768.60	September 2043	44,726.47	August 2048	392.10
November 2038	198,247.87	October 2043	43,374.14	September 2048	63.11
December 2038	193,814.60	November 2043	42,050.82	October 2048 and thereafter	0.00
January 2039	189,467.18	December 2043	40,755.97		
February 2039	185,204.07	January 2044	39,489.04		

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	\$ 50,115,000.00	February 2024	\$ 15,895,771.07	March 2029	\$ 2,299,142.85
February 2019	49,922,391.21	March 2024	15,405,252.87	April 2029	2,226,446.37
March 2019	49,707,331.23	April 2024	14,929,722.71	May 2029	2,156,012.50
April 2019	49,469,872.12	May 2024	14,468,726.14	June 2029	2,087,771.64
May 2019	49,210,087.41	June 2024	14,021,822.42	July 2029	2,021,656.34
June 2019	48,928,072.18	July 2024	13,588,584.05	August 2029	1,957,601.17
July 2019	48,623,943.01	August 2024	13,168,596.45	September 2029	1,895,542.72
August 2019	48,297,837.91	September 2024	12,761,457.54	October 2029	1,835,419.49
September 2019	47,949,916.31	October 2024	12,366,777.35	November 2029	1,777,171.89
October 2019	47,580,358.84	November 2024	11,984,177.68	December 2029	1,720,742.11
November 2019	47,189,367.28	December 2024	11,613,291.73	January 2030	1,666,074.14
December 2019	46,777,164.27	January 2025	11,253,763.78	February 2030	1,613,113.64
January 2020	46,343,993.16	February 2025	10,905,248.83	March 2030	1,561,807.98
February 2020	45,890,117.73	March 2025	10,567,412.30	April 2030	1,512,106.09
March 2020	45,415,821.89	April 2025	10,239,929.71	May 2030	1,463,958.48
April 2020	44,921,409.33	May 2025	9,922,486.37	June 2030	1,417,317.19
May 2020	44,407,203.23	June 2025	9,614,777.09	July 2030	1,372,135.68
June 2020	43,873,545.79	July 2025	9,316,505.90	August 2030	1,328,368.89
July 2020	43,320,797.84	August 2025	9,027,385.78	September 2030	1,285,973.08
August 2020	42,749,338.38	September 2025	8,747,138.35	October 2030	1,244,905.90
September 2020	42,159,564.10	October 2025	8,475,493.68	November 2030	1,205,126.25
October 2020	41,551,888.84	November 2025	8,212,189.97	December 2030	1,166,594.33
November 2020	40,926,743.05	December 2025	7,956,973.34	January 2031	1,129,271.52
December 2020	40,284,573.21	January 2026	7,709,597.58	February 2031	1,093,120.41
January 2021	39,625,841.25	February 2026	7,469,823.93	March 2031	1,058,104.73
February 2021	38,951,023.89	March 2026	7,237,420.85	April 2031	1,024,189.30
March 2021	38,260,611.97	April 2026	7,012,163.81	May 2031	991,340.05
April 2021	37,555,109.84	May 2026	6,793,835.04	June 2031	959,523.94
May 2021	36,835,034.58	June 2026	6,582,223.41	July 2031	928,708.92
June 2021	36,100,915.31	July 2026	6,377,124.13	August 2031	898,863.97
July 2021	35,373,506.97	August 2026	6,178,338.63	September 2031	869,958.99
August 2021	34,652,735.79	September 2026	5,985,674.36	October 2031	841,964.80
September 2021	33,938,528.73	October 2026	5,798,944.58	November 2031	814,853.12
October 2021	33,230,813.48	November 2026	5,617,968.22	December 2031	788,596.57
November 2021	32,529,518.46	December 2026	5,442,569.68	January 2032	763,168.56
December 2021	31,834,572.80	January 2027	5,272,578.70	February 2032	738,543.34
January 2022	31,145,906.35	February 2027	5,107,830.15	March 2032	714,695.97
February 2022	30,463,449.65	March 2027	4,948,163.94	April 2032	691,602.24
March 2022	29,787,133.94	April 2027	4,793,424.80	May 2032	669,238.71
April 2022	29,116,891.15	May 2027	4,643,462.18	June 2032	647,582.65
May 2022	28,452,653.87	June 2027	4,498,130.10	July 2032	626,612.04
June 2022	27,794,355.39	July 2027	4,357,286.99	August 2032	606,305.52
July 2022	27,141,929.66	August 2027	4,220,795.61	September 2032	586,642.40
August 2022	26,495,311.27	September 2027	4,088,522.83	October 2032	567,602.63
September 2022	25,854,435.48	October 2027	3,960,339.61	November 2032	549,166.76
October 2022	25,219,238.21	November 2027	3,836,120.80	December 2032	531,315.96
November 2022	24,589,655.99	December 2027	3,715,745.06	January 2033	514,031.96
December 2022	23,965,625.99	January 2028	3,599,094.72	February 2033	497,297.08
January 2023	23,347,086.02	February 2028	3,486,055.70	March 2033	481,094.15
February 2023	22,733,974.51	March 2028	3,376,517.37	April 2033	465,406.57
March 2023	22,126,230.48	April 2028	3,270,372.48	May 2033	450,218.21
April 2023	21,523,793.58	May 2028	3,167,517.03	June 2033	435,513.46
May 2023	20,926,604.06	June 2028	3,067,850.16	July 2033	421,277.21
June 2023	20,334,602.75	July 2028	2,971,274.11	August 2033	407,494.77
July 2023	19,747,731.09	August 2028	2,877,694.07	September 2033	394,151.95
August 2023	19,165,931.08	September 2028	2,787,018.13	October 2033	381,234.97
September 2023	18,589,145.32	October 2028	2,699,157.16	November 2033	368,730.49
October 2023	18,017,316.95	November 2028	2,614,024.75	December 2033	356,625.57
November 2023	17,462,012.98	December 2028	2,531,537.12	January 2034	344,907.69
December 2023	16,923,660.50	January 2029	2,451,613.03	February 2034	333,564.68
January 2024	16,401,745.91	February 2029	2,374,173.73	March 2034	322,584.80

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>
April 2034	\$ 311,956.63	February 2039	\$ 41,639.52	December 2043	\$ 4,168.28
May 2034	301,669.11	March 2039	40,152.91	January 2044	3,983.73
June 2034	291,711.55	April 2039	38,716.47	February 2044	3,806.11
July 2034	282,073.57	May 2039	37,328.56	March 2044	3,635.20
August 2034	272,745.10	June 2039	35,987.61	April 2044	3,470.75
September 2034	263,716.41	July 2039	34,692.09	May 2044	3,312.55
October 2034	254,978.05	August 2039	33,440.50	June 2044	3,160.36
November 2034	246,520.87	September 2039	32,231.42	July 2044	3,013.98
December 2034	238,336.01	October 2039	31,063.45	August 2044	2,873.21
January 2035	230,414.89	November 2039	29,935.24	September 2044	2,737.85
February 2035	222,749.17	December 2039	28,845.50	October 2044	2,607.71
March 2035	215,330.80	January 2040	27,792.96	November 2044	2,482.61
April 2035	208,151.96	February 2040	26,776.40	December 2044	2,362.36
May 2035	201,205.08	March 2040	25,794.64	January 2045	2,246.80
June 2035	194,482.83	April 2040	24,846.53	February 2045	2,135.75
July 2035	187,978.10	May 2040	23,930.97	March 2045	2,029.07
August 2035	181,684.01	June 2040	23,046.89	April 2045	1,926.58
September 2035	175,593.89	July 2040	22,193.24	May 2045	1,828.15
October 2035	169,701.26	August 2040	21,369.02	June 2045	1,733.63
November 2035	163,999.88	September 2040	20,573.26	July 2045	1,642.88
December 2035	158,483.68	October 2040	19,805.01	August 2045	1,555.76
January 2036	153,146.77	November 2040	19,063.38	September 2045	1,472.14
February 2036	147,983.47	December 2040	18,347.47	October 2045	1,391.90
March 2036	142,988.26	January 2041	17,656.43	November 2045	1,314.91
April 2036	138,155.80	February 2041	16,989.44	December 2045	1,241.06
May 2036	133,480.91	March 2041	16,345.70	January 2046	1,170.23
June 2036	128,958.57	April 2041	15,724.43	February 2046	1,102.31
July 2036	124,583.94	May 2041	15,124.89	March 2046	1,037.20
August 2036	120,352.30	June 2041	14,546.35	April 2046	974.79
September 2036	116,259.09	July 2041	13,988.10	May 2046	914.99
October 2036	112,299.90	August 2041	13,449.49	June 2046	857.69
November 2036	108,470.46	September 2041	12,929.83	July 2046	802.82
December 2036	104,766.61	October 2041	12,428.51	August 2046	750.27
January 2037	101,184.35	November 2041	11,944.91	September 2046	699.96
February 2037	97,719.78	December 2041	11,478.42	October 2046	651.81
March 2037	94,369.15	January 2042	11,028.49	November 2046	605.74
April 2037	91,128.81	February 2042	10,594.55	December 2046	561.67
May 2037	87,995.21	March 2042	10,176.05	January 2047	519.52
June 2037	84,964.95	April 2042	9,772.49	February 2047	479.23
July 2037	82,034.70	May 2042	9,383.36	March 2047	440.72
August 2037	79,201.26	June 2042	9,008.17	April 2047	403.93
September 2037	76,461.51	July 2042	8,646.44	May 2047	368.79
October 2037	73,812.45	August 2042	8,297.73	June 2047	335.23
November 2037	71,251.17	September 2042	7,961.58	July 2047	303.21
December 2037	68,774.82	October 2042	7,637.59	August 2047	272.66
January 2038	66,380.69	November 2042	7,325.32	September 2047	243.52
February 2038	64,066.12	December 2042	7,024.38	October 2047	215.74
March 2038	61,828.55	January 2043	6,734.39	November 2047	189.26
April 2038	59,665.49	February 2043	6,454.97	December 2047	164.05
May 2038	57,574.53	March 2043	6,185.76	January 2048	140.04
June 2038	55,553.35	April 2043	5,926.41	February 2048	117.19
July 2038	53,599.69	May 2043	5,676.58	March 2048	95.46
August 2038	51,711.36	June 2043	5,435.95	April 2048	74.79
September 2038	49,886.25	July 2043	5,204.20	May 2048	55.16
October 2038	48,122.31	August 2043	4,981.02	June 2048	36.52
November 2038	46,417.56	September 2043	4,766.12	July 2048	18.82
December 2038	44,770.08	October 2043	4,559.21	August 2048	2.04
January 2039	43,178.00	November 2043	4,360.02	September 2048 and thereafter	0.00

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	\$ 45,387,000.00	February 2024	\$ 12,261,683.78	March 2029	\$ 2,132,334.48
February 2019	44,724,717.37	March 2024	11,920,519.83	April 2029	2,070,866.06
March 2019	44,048,995.87	April 2024	11,588,700.92	May 2029	2,011,124.04
April 2019	43,378,202.48	May 2024	11,265,974.02	June 2029	1,953,060.82
May 2019	42,712,295.50	June 2024	10,952,092.89	July 2029	1,896,630.07
June 2019	42,051,233.55	July 2024	10,646,817.92	August 2029	1,841,786.72
July 2019	41,394,975.59	August 2024	10,349,915.91	September 2029	1,788,486.96
August 2019	40,743,480.89	September 2024	10,061,159.95	October 2029	1,736,688.14
September 2019	40,096,709.03	October 2024	9,780,329.19	November 2029	1,686,348.78
October 2019	39,454,619.91	November 2024	9,507,208.75	December 2029	1,637,428.54
November 2019	38,817,173.74	December 2024	9,241,589.48	January 2030	1,589,888.17
December 2019	38,184,331.06	January 2025	8,983,267.89	February 2030	1,543,689.49
January 2020	37,556,052.67	February 2025	8,732,045.94	March 2030	1,498,795.38
February 2020	36,932,299.73	March 2025	8,487,730.92	April 2030	1,455,169.70
March 2020	36,313,033.66	April 2025	8,250,135.30	May 2030	1,412,777.33
April 2020	35,698,216.19	May 2025	8,019,076.58	June 2030	1,371,584.09
May 2020	35,087,809.37	June 2025	7,794,377.19	July 2030	1,331,556.73
June 2020	34,481,775.52	July 2025	7,575,864.33	August 2030	1,292,662.92
July 2020	33,880,077.25	August 2025	7,363,369.86	September 2030	1,254,871.21
August 2020	33,282,677.49	September 2025	7,156,730.13	October 2030	1,218,151.00
September 2020	32,689,539.42	October 2025	6,955,785.95	November 2030	1,182,472.55
October 2020	32,100,626.54	November 2025	6,760,382.36	December 2030	1,147,806.92
November 2020	31,515,902.60	December 2025	6,570,368.62	January 2031	1,114,125.95
December 2020	30,935,331.67	January 2026	6,385,598.03	February 2031	1,081,402.26
January 2021	30,358,878.06	February 2026	6,205,927.84	March 2031	1,049,609.23
February 2021	29,786,506.38	March 2026	6,031,219.15	April 2031	1,018,720.95
March 2021	29,218,181.51	April 2026	5,861,336.81	May 2031	988,712.25
April 2021	28,653,868.60	May 2026	5,696,149.31	June 2031	959,558.61
May 2021	28,093,533.08	June 2026	5,535,528.68	July 2031	931,236.21
June 2021	27,537,140.64	July 2026	5,379,350.42	August 2031	903,721.87
July 2021	26,984,657.22	August 2026	5,227,493.37	September 2031	876,993.06
August 2021	26,436,049.05	September 2026	5,079,839.65	October 2031	851,027.86
September 2021	25,891,282.62	October 2026	4,936,274.56	November 2031	825,804.95
October 2021	25,350,324.66	November 2026	4,796,686.49	December 2031	801,303.59
November 2021	24,813,142.17	December 2026	4,660,966.85	January 2032	777,503.62
December 2021	24,279,702.41	January 2027	4,529,009.98	February 2032	754,385.43
January 2022	23,749,972.88	February 2027	4,400,713.09	March 2032	731,929.96
February 2022	23,223,921.35	March 2027	4,275,976.14	April 2032	710,118.65
March 2022	22,701,515.82	April 2027	4,154,701.82	May 2032	688,933.46
April 2022	22,182,724.55	May 2027	4,036,795.43	June 2032	668,356.87
May 2022	21,667,516.04	June 2027	3,922,164.84	July 2032	648,371.82
June 2022	21,155,859.04	July 2027	3,810,720.42	August 2032	628,961.71
July 2022	20,647,722.53	August 2027	3,702,374.96	September 2032	610,110.42
August 2022	20,143,075.75	September 2027	3,597,043.59	October 2032	591,802.26
September 2022	19,641,888.15	October 2027	3,494,643.77	November 2032	574,021.98
October 2022	19,144,129.45	November 2027	3,395,095.17	December 2032	556,754.74
November 2022	18,649,769.56	December 2027	3,298,319.66	January 2033	539,986.13
December 2022	18,158,778.67	January 2028	3,204,241.19	February 2033	523,702.12
January 2023	17,671,127.16	February 2028	3,112,785.80	March 2033	507,889.06
February 2023	17,186,785.67	March 2028	3,023,881.52	April 2033	492,533.71
March 2023	16,711,004.46	April 2028	2,937,458.35	May 2033	477,623.16
April 2023	16,248,207.19	May 2028	2,853,448.16	June 2033	463,144.88
May 2023	15,798,043.29	June 2028	2,771,784.70	July 2033	449,086.68
June 2023	15,360,171.61	July 2028	2,692,403.48	August 2033	435,436.69
July 2023	14,934,260.12	August 2028	2,615,241.79	September 2033	422,183.40
August 2023	14,519,985.68	September 2028	2,540,238.62	October 2033	409,315.60
September 2023	14,117,033.80	October 2028	2,467,334.59	November 2033	396,822.39
October 2023	13,725,098.45	November 2028	2,396,471.96	December 2033	384,693.18
November 2023	13,343,881.77	December 2028	2,327,594.55	January 2034	372,917.66
December 2023	12,973,093.90	January 2029	2,260,647.71	February 2034	361,485.82
January 2024	12,612,452.74	February 2029	2,195,578.26	March 2034	350,387.93

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>
April 2034	\$ 339,614.51	February 2038	\$ 75,363.73	December 2041	\$ 12,577.73
May 2034	329,156.36	March 2038	72,789.79	January 2042	12,010.59
June 2034	319,004.53	April 2038	70,295.48	February 2042	11,462.89
July 2034	309,150.33	May 2038	67,878.48	March 2042	10,934.02
August 2034	299,585.29	June 2038	65,536.50	April 2042	10,423.39
September 2034	290,301.20	July 2038	63,267.33	May 2042	9,930.44
October 2034	281,290.05	August 2038	61,068.82	June 2042	9,454.60
November 2034	272,544.08	September 2038	58,938.89	July 2042	8,995.35
December 2034	264,055.73	October 2038	56,875.51	August 2042	8,552.16
January 2035	255,817.65	November 2038	54,876.71	September 2042	8,124.51
February 2035	247,822.72	December 2038	52,940.57	October 2042	7,711.94
March 2035	240,063.98	January 2039	51,065.23	November 2042	7,313.94
April 2035	232,534.68	February 2039	49,248.90	December 2042	6,930.08
May 2035	225,228.28	March 2039	47,489.82	January 2043	6,559.89
June 2035	218,138.40	April 2039	45,786.28	February 2043	6,202.94
July 2035	211,258.83	May 2039	44,136.63	March 2043	5,858.80
August 2035	204,583.56	June 2039	42,539.26	April 2043	5,527.08
September 2035	198,106.73	July 2039	40,992.61	May 2043	5,207.37
October 2035	191,822.64	August 2039	39,495.18	June 2043	4,899.29
November 2035	185,725.77	September 2039	38,045.47	July 2043	4,602.47
December 2035	179,810.73	October 2039	36,642.07	August 2043	4,316.53
January 2036	174,072.31	November 2039	35,283.59	September 2043	4,041.14
February 2036	168,505.41	December 2039	33,968.67	October 2043	3,775.94
March 2036	163,105.11	January 2040	32,696.01	November 2043	3,520.62
April 2036	157,866.60	February 2040	31,464.34	December 2043	3,274.84
May 2036	152,785.22	March 2040	30,272.41	January 2044	3,038.30
June 2036	147,856.43	April 2040	29,119.04	February 2044	2,810.70
July 2036	143,075.84	May 2040	28,003.06	March 2044	2,591.74
August 2036	138,439.15	June 2040	26,923.33	April 2044	2,381.14
September 2036	133,942.21	July 2040	25,878.76	May 2044	2,178.63
October 2036	129,580.98	August 2040	24,868.28	June 2044	1,983.94
November 2036	125,351.51	September 2040	23,890.86	July 2044	1,796.81
December 2036	121,250.00	October 2040	22,945.49	August 2044	1,616.99
January 2037	117,272.72	November 2040	22,031.20	September 2044	1,444.24
February 2037	113,416.08	December 2040	21,147.03	October 2044	1,278.33
March 2037	109,676.57	January 2041	20,292.08	November 2044	1,119.02
April 2037	106,050.78	February 2041	19,465.44	December 2044	966.09
May 2037	102,535.40	March 2041	18,666.25	January 2045	819.34
June 2037	99,127.22	April 2041	17,893.67	February 2045	678.55
July 2037	95,823.11	May 2041	17,146.88	March 2045	543.51
August 2037	92,620.03	June 2041	16,425.09	April 2045	414.05
September 2037	89,515.03	July 2041	15,727.52	May 2045	289.96
October 2037	86,505.25	August 2041	15,053.44	June 2045	171.07
November 2037	83,587.90	September 2041	14,402.11	July 2045	57.20
December 2037	80,760.27	October 2041	13,772.84	August 2045 and thereafter	0.00
January 2038	78,019.73	November 2041	13,164.93		

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

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

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\$598,212,947



Fannie Mae®

**Guaranteed REMIC
Pass-Through Certificates**

Fannie Mae REMIC Trust 2019-1

PROSPECTUS SUPPLEMENT

Wells Fargo Securities

January 25, 2019
