

\$939,515,622



FannieMae®

**Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2018-37**

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.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
PK	1	\$ 17,000,000	PAC	3.50%	FIX	3136B14R2	June 2048
PE	1	30,000,000	PAC	3.50	FIX	3136B14S0	December 2042
PM(2)	1	6,417,000	PAC	3.50	FIX	3136B14T8	May 2045
PN(2)	1	10,000,000	PAC	3.50	FIX	3136B14U5	June 2048
PU	1	14,000,000	SUP	3.50	FIX	3136B14V3	June 2048
DA	2	50,959,039	SEQ	4.00	FIX	3136B14W1	August 2044
VD	2	7,192,650	SEQ/AD	4.00	FIX	3136B14X9	April 2031
DZ	2	10,788,976	SEQ	4.00	FIX/Z	3136B14Y7	June 2048
CJ	3	5,000,000	PAC/AD	3.00	FIX	3136B14Z4	May 2048
CT	3	45,427,221	PAC/AD	3.50	FIX	3136B15A8	May 2048
IC	3	6,928,402(3)	NTL	4.00	FIX/IO	3136B15B6	May 2048
CL	3	622,735	PAC/AD	4.00	FIX	3136B15C4	June 2048
ZC	3	10,068,249	SUP	4.00	FIX/Z	3136B15D2	June 2048
LA	4	150,500,000	SEQ	4.00	FIX	3136B15E0	December 2043
VL(2)	4	25,647,000	SEQ/AD	4.00	FIX	3136B15F7	April 2031
LZ(2)	4	38,313,096	SEQ	4.00	FIX/Z	3136B15G5	June 2048
LD(2)	5	31,320,000	SEQ/AD	2.50	FIX	3136B15H3	January 2047
LI(2)	5	5,220,000(3)	NTL	3.00	FIX/IO	3136B15J9	January 2047
ZL	5	1,305,451	SEQ	3.00	FIX/Z	3136B15K6	June 2048

(Table continued on next page)

The Trust and its Assets

The trust will own Fannie Mae MBS.

The mortgage loans underlying the Fannie Mae MBS are first lien, single-family, fixed-rate loans.

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 PQ, LW, YW, LE, JY, DY, BC, JL, JB, IP, ZJ and CG 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 May 31, 2018.

Carefully consider the risk factors on page S-9 of this prospectus supplement and starting on page 14 of the REMIC prospectus. Unless you understand and are able to tolerate these risks, you should not invest in the certificates.

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

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

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

Wells Fargo Securities

May 24, 2018

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
YC	6	\$ 25,000,000	SEQ	4.50%	FIX	3136B15L4	April 2044
YB	6	25,000,000	SEQ	3.50	FIX	3136B15M2	April 2044
VY(2)	6	7,733,000	SEQ/AD	4.00	FIX	3136B15N0	April 2031
YZ(2)	6	11,552,000	SEQ	4.00	FIX/Z	3136B15P5	June 2048
MB	7	100,000,000	SEQ	4.00	FIX	3136B15Q3	October 2045
VM	7	9,426,000	SEQ/AD	4.00	FIX	3136B15R1	April 2031
MZ	7	14,081,987	SEQ	4.00	FIX/Z	3136B15S9	June 2048
JA	8	25,000,000	PAC/AD	3.00	FIX	3136B15T7	February 2042
VJ(2)	8	4,700,000	PAC/AD	3.00	FIX	3136B15U4	October 2029
JZ(2)	8	11,668,000	PAC/AD	3.00	FIX/Z	3136B15V2	June 2048
IJ(2)	8	10,342,000(3)	NTL	4.00	FIX/IO	3136B15W0	June 2048
ZY(2)	8	12,437,000	SUP	4.00	FIX/Z	3136B15X8	June 2048
DB	9	25,000,000	SEQ	4.00	FIX	3136B15Y6	October 2043
DV(2)	9	3,936,000	SEQ/AD	4.00	FIX	3136B15Z3	August 2029
ZD(2)	9	7,045,577	SEQ	4.00	FIX/Z	3136B16A7	June 2048
BA(2)	10	37,920,177	PAC/AD	3.50	FIX	3136B16B5	January 2046
BD(2)	10	5,874,966	PAC/AD	3.50	FIX	3136B16C3	December 2047
BZ	10	630,812	PAC/AD	3.50	FIX/Z	3136B16D1	June 2048
ZB	10	9,052,428	SUP	3.50	FIX/Z	3136B16E9	June 2048
IB	10	6,684,797(3)	NTL	4.00	FIX/IO	3136B16F6	June 2048
NA	11	40,000,000	PAC/AD	3.50	FIX	3136B16G4	December 2042
NY	11	20,360,000	PAC/AD	3.50	FIX	3136B16H2	June 2048
ZN	11	8,183,000	SUP	3.50	FIX/Z	3136B16J8	June 2048
JC(2)	12	25,000,000	PAC/AD	3.00	FIX	3136B16K5	August 2043
JI(2)	12	1,562,500(3)	NTL	4.00	FIX/IO	3136B16L3	August 2043
JV(2)	12	3,504,000	PAC/AD	3.25	FIX	3136B16M1	September 2029
ZV(2)	12	7,953,000	PAC/AD	3.25	FIX/Z	3136B16N9	June 2048
IW(2)	12	6,835,687(3)	NTL	4.00	FIX/IO	3136B16P4	June 2048
ZW(2)	12	7,726,000	SUP	4.00	FIX/Z	3136B16Q2	June 2048
CD(2)	13	27,037,690	PAC	3.00	FIX	3136B16R0	October 2047
CI(2)	13	6,759,422(3)	NTL	4.00	FIX/IO	3136B16S8	October 2047
CM	13	1,532,147	PAC	4.00	FIX	3136B16T6	June 2048
CF	13	6,080,336	SUP	(4)	FLT	3136B16U3	June 2048
CS	13	1,520,085	SUP	(4)	INV	3136B16V1	June 2048
R		0	NPR	0	NPR	3136B16W9	June 2048
RL		0	NPR	0	NPR	3136B16X7	June 2048

- (1) See “Description of the Certificates—Class Definitions and Abbreviations” in the REMIC prospectus.
- (2) Exchangeable classes.
- (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) Based on LIBOR.

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AVAILABLE INFORMATION

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

- our Prospectus for Fannie Mae Guaranteed REMIC Pass-Through Certificates dated June 1, 2014 (the “REMIC Prospectus”);
- our Prospectus for Fannie Mae Guaranteed Pass-Through Certificates (Single-Family Residential Mortgage Loans) dated
 - 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”); 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 is incorporated by reference in this prospectus supplement. This means that we are disclosing information in that document by referring you to it. That document is considered part of this prospectus supplement, so you should read this prospectus supplement, and any applicable supplements or amendments, together with that document.

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

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

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

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

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 May 1, 2018. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on page S-3. In particular, please see the discussion of risk factors that appears in each of those additional disclosure documents.

Assets Underlying Each Group of Classes

<u>Group</u>	<u>Assets</u>
1	Group 1 MBS
2	Group 2 MBS
3	Group 3 MBS
4	Group 4 MBS
5	Group 5 MBS
6	Group 6 MBS
7	Group 7 MBS
8	Group 8 MBS
9	Group 9 MBS
10	Group 10 MBS
11	Group 11 MBS
12	Group 12 MBS
13	Group 13 MBS

Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7, Group 8, Group 9, Group 10, Group 11, Group 12 and Group 13

Characteristics of the 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	\$ 77,417,000	3.50%	3.75% to 6.00%	241 to 360
Group 2 MBS	\$ 68,940,665	4.00%	4.25% to 6.50%	241 to 360
Group 3 MBS	\$ 61,118,205	4.00%	4.25% to 6.50%	241 to 360
Group 4 MBS	\$214,460,096	4.00%	4.25% to 6.50%	241 to 360
Group 5 MBS	\$ 32,625,451	3.00%	3.25% to 5.50%	241 to 360
Group 6 MBS	\$ 69,285,000	4.00%	4.25% to 6.50%	241 to 360
Group 7 MBS	\$123,507,987	4.00%	4.25% to 6.50%	241 to 360
Group 8 MBS	\$ 53,805,000	4.00%	4.25% to 6.50%	241 to 360
Group 9 MBS	\$ 35,981,577	4.00%	4.25% to 6.50%	241 to 360
Group 10 MBS	\$ 53,478,383	4.00%	4.25% to 6.50%	241 to 360
Group 11 MBS	\$ 68,543,000	3.50%	3.75% to 6.00%	241 to 360
Group 12 MBS	\$ 44,183,000	4.00%	4.25% to 6.50%	241 to 360
Group 13 MBS	\$ 36,170,258	4.00%	4.25% to 6.50%	241 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	\$ 77,417,000	360	352	2	4.265%
Group 2 MBS	\$ 68,940,665	360	352	7	4.383%
Group 3 MBS	\$ 61,118,205	360	356	2	4.672%
Group 4 MBS	\$214,460,096	360	354	4	4.362%
Group 5 MBS	\$ 32,625,451	360	344	6	3.840%
Group 6 MBS	\$ 69,285,000	360	356	3	4.334%
Group 7 MBS	\$123,507,987	360	357	2	4.424%
Group 8 MBS	\$ 53,805,000	360	359	0	4.780%
Group 9 MBS	\$ 35,981,577	360	359	1	4.772%
Group 10 MBS	\$ 53,478,383	360	359	1	4.772%
Group 11 MBS	\$ 68,543,000	360	356	3	4.153%
Group 12 MBS	\$ 44,183,000	360	359	0	4.780%
Group 13 MBS	\$ 36,170,258	360	358	1	4.747%

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

Settlement Date

We expect to issue the certificates on May 31, 2018.

Distribution Dates

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

Record Date

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

Book-Entry and Physical Certificates

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

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

Exchanging Certificates Through Combination and Recombination

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

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

Interest Rates

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

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

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate(1)
CF	2.93900%	5.00000%	1.00%	LIBOR + 100 basis points
CS	8.24399%	15.99999%	0.00%	15.99999% – (3.99999737 × LIBOR)

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

Notional Classes

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

Class	
IC	13.7394087213% of the <i>sum</i> of the CJ and CT Classes
LI	16.6666666667% of the LD Class
IJ	25% of the <i>sum</i> of the JA, VJ and JZ Classes
IB	12.4999983638% of the principal balance of the Group 10 MBS
JI	6.25% of the JC Class
IW	18.7499986285% of the <i>sum</i> of the JC, JV and ZV Classes
CI	24.9999981507% of the CD Class
IP	25% of the <i>sum</i> of the JA, VJ and JZ Classes
	<i>plus</i>
	18.7499986285% of the <i>sum</i> of the JC, JV and ZV Classes

Distributions of Principal

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

Weighted Average Lives (years)*

Group 1 Classes	PSA Prepayment Assumption									
	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%
PK	17.2	8.1	7.5	7.5	7.5	6.2	4.2	3.2	2.4	1.9
PE	13.1	4.8	4.2	4.2	4.2	3.7	2.7	2.2	1.8	1.4
PM	22.9	11.0	9.6	9.6	9.6	7.7	5.0	3.7	2.8	2.2
PN	25.8	16.4	16.0	16.0	16.0	12.9	8.3	6.0	4.2	2.9
PU	28.7	21.9	18.9	7.5	3.1	1.9	1.2	0.9	0.7	0.6
PQ	24.7	14.3	13.5	13.5	13.5	10.9	7.0	5.1	3.6	2.6

<u>Group 2 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>152%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
DA	16.6	6.7	5.1	4.2	3.1	2.5	1.8
VD	7.0	7.0	6.9	6.6	5.5	4.7	3.5
DZ	28.2	21.1	17.8	15.5	11.9	9.4	6.5

<u>Group 3 Classes</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>175%</u>	<u>275%</u>	<u>325%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
CJ, CT and IC	14.0	6.9	5.5	5.5	5.5	4.7	4.0	3.1	2.3	1.8
CL	23.8	22.2	22.2	22.2	22.2	19.0	15.5	11.0	7.2	4.4
ZC	26.9	20.6	16.1	6.6	2.4	1.7	1.3	1.0	0.7	0.6

<u>Group 4 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>151%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
LA	16.1	6.4	4.9	4.1	3.1	2.5	1.9
VL	7.0	7.0	6.8	6.4	5.4	4.5	3.5
LZ	27.9	20.4	17.4	15.1	11.6	9.2	6.4
LW	27.9	20.4	17.0	14.4	10.7	8.3	5.7

<u>Group 5 Classes</u>	<u>PSA Prepayment Assumption</u>								
	<u>0%</u>	<u>100%</u>	<u>200%</u>	<u>300%</u>	<u>392%</u>	<u>500%</u>	<u>700%</u>	<u>900%</u>	<u>1200%</u>
LD, LI and LE	17.8	9.0	6.0	4.5	3.6	3.0	2.3	1.8	1.4
ZL	29.3	25.5	21.1	16.8	13.7	11.1	7.9	6.0	4.2

<u>Group 6 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>151%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
YC and YB	16.4	6.7	5.2	4.3	3.2	2.6	2.0
VY	7.0	7.0	6.9	6.5	5.5	4.7	3.6
YZ	28.0	20.9	17.8	15.5	11.9	9.5	6.6
YW	28.0	20.9	17.5	14.9	11.0	8.6	5.9

<u>Group 7 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>151%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>600%</u>
MB	17.5	7.8	6.1	5.0	3.8	3.1	2.3
VM	7.0	7.0	7.0	6.9	6.2	5.4	4.2
MZ	28.7	23.2	19.8	17.2	13.3	10.7	7.4

<u>Group 8 Classes</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>250%</u>	<u>300%</u>	<u>450%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
JA	8.5	3.8	3.1	2.7	2.7	2.7	2.7	2.2	1.9	1.6
VJ	6.0	5.2	4.6	4.1	4.1	4.1	4.1	3.1	2.5	2.1
JZ	18.0	10.1	8.8	8.3	8.3	8.3	8.3	5.6	4.0	2.9
IJ	12.3	6.2	5.2	4.7	4.7	4.7	4.7	3.4	2.6	2.1
ZY	25.8	19.3	16.5	14.1	12.0	8.7	2.3	1.4	1.1	0.9
JY	18.0	9.8	8.4	7.7	7.7	7.7	7.7	5.2	3.7	2.8

<u>Group 9 Classes</u>	<u>PSA Prepayment Assumption</u>								
	<u>0%</u>	<u>100%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
DB	16.0	6.6	4.3	3.2	2.7	2.3	1.9	1.5	1.3
DV	6.0	6.0	5.8	5.1	4.4	3.8	3.1	2.5	2.0
ZD	27.8	20.7	15.0	11.5	9.2	7.6	5.6	4.0	2.9
DY	27.8	20.7	14.6	10.8	8.5	7.0	5.1	3.7	2.7

Group 10 Classes	PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
BA	12.9	5.9	4.4	4.4	4.4	3.9	3.3	2.6	2.1	1.7
BD	22.5	13.5	12.4	12.4	12.4	10.4	8.5	6.2	4.3	3.0
BZ	23.8	20.0	20.0	20.0	20.0	17.2	14.3	10.3	6.9	4.4
ZB	27.1	20.9	16.3	6.6	2.5	1.8	1.4	1.1	0.8	0.6
IB	19.6	10.9	8.1	5.9	5.2	4.5	3.7	2.9	2.2	1.7
BC	14.2	6.9	5.5	5.5	5.5	4.7	4.0	3.1	2.4	1.9

<u>Group 11 Classes</u>	<u>PSA Prepayment Assumption</u>								
	<u>0%</u>	<u>100%</u>	<u>130%</u>	<u>175%</u>	<u>215%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>
NA	11.9	4.8	4.2	4.2	4.2	3.4	2.8	2.5	2.0
NY	22.9	14.3	13.8	13.8	13.8	10.7	8.4	6.9	5.0
ZN	27.8	21.3	19.0	11.1	2.8	1.5	1.1	0.9	0.7

Group 12 Classes	PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
JC, JI and JB	10.7	4.7	3.8	3.8	3.8	3.8	3.1	2.4	1.9	1.6
JV	6.0	5.8	5.3	5.3	5.3	5.3	4.4	3.3	2.7	2.2
ZV	20.7	12.7	12.1	12.1	12.1	12.1	8.7	5.9	4.2	3.0
IW	13.8	7.1	6.2	6.2	6.2	6.2	4.7	3.3	2.6	2.0
ZW	26.7	20.4	17.4	13.1	7.2	2.7	1.6	1.1	0.9	0.7
JL	20.7	12.5	11.6	11.6	11.6	11.6	8.2	5.5	3.9	2.9

Group 13 Classes	PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
CD, CI and CG	16.7	7.2	5.2	5.2	5.2	4.6	3.9	3.0	2.4	1.9
CM	26.6	18.2	17.6	17.6	17.6	14.8	12.1	8.6	5.8	3.8
CF and CS	28.5	22.6	16.2	6.0	2.7	1.9	1.5	1.1	0.9	0.7

Group 8/Group 12 Classes†	PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
IP	12.9	6.5	5.6	5.3	5.3	5.3	4.7	3.4	2.6	2.0
ZJ	26.3	19.8	16.9	14.6	10.2	6.4	2.0	1.3	1.0	0.8

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

† These classes are RCR classes formed by combinations of REMIC classes in two different groups. For additional information, see Schedule 1 attached to this prospectus supplement.

ADDITIONAL RISK FACTORS

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

Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates. On July 27, 2017, regulatory authorities in the United Kingdom announced their intention to stop persuading or compelling banks to submit LIBOR rates after 2021. 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 the REMIC Prospectus under “Risk Factors—Risks Relating to Yield and Prepayment—*Intercontinental Exchange Benchmark Administration is the new LIBOR administrator*” and in this prospectus supplement under “Description of the Certificates—Distributions of Interest,” we may in our discretion designate an alternative method or, if appropriate, an alternative index for the determination of monthly interest rates on the floating rate and inverse floating rate classes if, among other things, we determine that continued reliance on the customary method for determining LIBOR is no longer viable. We can provide no assurance that any such alternative method or index will yield the same or similar economic results over the lives of the related classes. In addition, although our designation of any alternative method or index will take into account various factors, including then-prevailing industry practices, there can be no assurance that broadly-adopted industry practices will develop, and it is uncertain what effect any divergent industry practices will have on the value of and return on the certificates.

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.

ment, 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 May 1, 2018 (the “Issue Date”). We will issue the Guaranteed REMIC Pass-Through Certificates (the “REMIC Certificates”) pursuant to that trust agreement and supplement. We will issue the Combinable and Recombinable REMIC Certificates (the “RCR Certificates” and, together with the REMIC Certificates, the “Certificates”) pursuant to a separate trust agreement dated as of May 1, 2010 and a supplement thereto dated as of the Issue Date (together with the trust agreement and supplement relating to the REMIC Certificates, the “Trust Agreement”). We will execute the Trust Agreement in our corporate capacity and as trustee (the “Trustee”). In general, the term “Classes” includes the Classes of REMIC Certificates and RCR Certificates.

The assets of the Trust will include thirteen groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the “Group 1 MBS,” “Group 2 MBS,” “Group 3 MBS,” “Group 4 MBS,” “Group 5 MBS,” “Group 6 MBS,” “Group 7 MBS,” “Group 8 MBS,” “Group 9 MBS,” “Group 10 MBS,” “Group 11 MBS,” “Group 12 MBS” and “Group 13 MBS,” and together, 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	MBS	Interests in the Lower Tier REMIC other than the RL Class (the “Lower Tier Regular Interests”)	RL
Upper Tier REMIC	Lower Tier Regular Interests	All Classes of REMIC Certificates other than the R and RL Classes	R

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

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

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

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

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

The MBS

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

In addition, the pools of mortgage loans backing the Group 1 MBS, Group 3 MBS, Group 8 MBS, Group 9 MBS, Group 10 MBS, Group 11 MBS, Group 12 MBS and Group 13 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 1 MBS, Group 3 MBS, Group 8 MBS, Group 9 MBS, Group 10 MBS, Group 11 MBS, Group 12 MBS and Group 13 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also “Risk Factors—Risks Relating to Yield and Prepayment—*“Jumbo-conforming” mortgage loans, which have original principal balances that exceed our traditional conforming loan limits, may prepay at different rates than conforming balance mortgage loans generally*” in the MBS Prospectus dated June 1, 2016.

Furthermore, the Mortgage Loans backing the Group 5 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.

For additional information, see “Summary—Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7, Group 8, Group 9, Group 10, Group 11, Group 12 and Group 13—Characteristics of the MBS” in this prospectus supplement and “The Mortgage Loan Pools” and “Yield, Maturity and Prepayment Considerations” in the MBS Prospectus.

Distributions of Interest

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

The Floating Rate and Inverse Floating Rate Classes will bear interest at interest rates based on LIBOR. We currently establish LIBOR on the basis of the “ICE Method” as generally described under “Description of the Certificates—Distributions on Certificates—*Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes*” in the REMIC Prospectus. For a description of recent developments affecting LIBOR calculations, see “Risk Factors—Risks Relating to Yield and Prepayment—*Intercontinental Exchange Benchmark Administration is the new LIBOR administrator*” in the REMIC Prospectus and “Additional Risk Factors—*Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates*” in this prospectus supplement. If we determine that the methods for establishing LIBOR are no longer viable or that prevailing industry practices with respect to benchmark rates have transitioned, or are very likely to transition, away from the use of LIBOR, we may in our discretion designate an alternative method or, if appropriate, an alternative index for the determination of monthly interest rates on the Floating Rate and Inverse Floating Rate Classes. In making any such designation, we will take into account general comparability and other factors, including then-prevailing industry practices. Further, we may apply an adjustment factor to any designated alternative index as deemed appropriate to better achieve comparability to the current index and otherwise in keeping with industry-accepted practices. See “Additional Risk Factors—*The use of an alternative method or index in place of LIBOR for determining monthly interest rates may adversely affect the value of certain certificates*” in this prospectus supplement.

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

<u>Delay Classes</u>	<u>No-Delay Classes</u>
All interest-bearing Classes	—

See “Description of the Certificates—Distributions on Certificates—*Interest Distributions*” in the REMIC Prospectus.

Accrual Classes. The DZ, ZC, LZ, ZL, YZ, MZ, JZ, ZY, ZD, BZ, ZB, ZN, ZV, ZW and ZJ 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 on Schedule 1. 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 in the following priority:

- | | |
|---|-----------------|
| 1. To Aggregate Group I to its Planned Balance. | } PAC Group |
| 2. To PU until retired. | } Support Class |
| 3. To Aggregate Group I to zero. | } PAC Group |

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

“Aggregate Group I” consists of the PK, PE, PM and PN Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I as follows:

- 26.8066922119% to PK until retired, and
- 73.1933077881% to PE, PM and PN, 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 DZ Accrual Amount to VD until retired, and thereafter to DZ. } Accretion
Directed
Class and
Accrual Class

The Group 2 Cash Flow Distribution Amount to DA, VD and DZ, in that order, until retired. } Sequential
Pay Classes

The “DZ Accrual Amount” is any interest then accrued and added to the principal balance of the DZ Class.

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

- *Group 3*

The ZC Accrual Amount to Aggregate Group II to its Planned Balance, and thereafter to ZC. } Accretion
Directed/PAC
Group and
Accrual Class

The Group 3 Cash Flow Distribution Amount in the following priority:

1. To Aggregate Group II to its Planned Balance. } PAC Group
2. To ZC until retired. } Support Class
3. To Aggregate Group II to zero. } PAC Group

The “ZC Accrual Amount” is any interest then accrued and added to the principal balance of the ZC Class.

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

“Aggregate Group II” consists of the CJ, CT and CL Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II as follows:

- first*, to CJ and CT, pro rata, until retired; and
- second*, to CL until retired.

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

- *Group 4*

The LZ Accrual Amount to VL until retired, and thereafter to LZ. } Accretion
Directed
Class and
Accrual Class

The Group 4 Cash Flow Distribution Amount to LA, VL and LZ, in that order, until retired. } Sequential
Pay Classes

The “LZ Accrual Amount” is any interest then accrued and added to the principal balance of the LZ Class.

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

- *Group 5*

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

} Accretion
Directed
Class and
Accrual Class

The Group 5 Cash Flow Distribution Amount to LD and ZL, in that order, until retired.

} Sequential
Pay Classes

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

The “Group 5 Cash Flow Distribution Amount” is the principal then paid on the Group 5 MBS.

- *Group 6*

The YZ Accrual Amount to VY until retired, and thereafter to YZ.

} Accretion
Directed
Class and
Accrual Class

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

1. To YC and YB, pro rata, until retired.
2. To VY and YZ, in that order, until retired.

} Sequential
Pay Classes

The “YZ Accrual Amount” is any interest then accrued and added to the principal balance of the YZ Class.

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

- *Group 7*

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

} Accretion
Directed
Class and
Accrual Class

The Group 7 Cash Flow Distribution Amount to MB, VM and MZ, in that order, until retired.

} Sequential
Pay Classes

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

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

- *Group 8*

The JZ Accrual Amount to VJ until retired, and thereafter to JZ.

} Accretion
Directed
Class and
Accrual Class

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

} Accretion
Directed/PAC
Group and
Accrual Class

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

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

} PAC Group

} Support Class

} PAC Group

The “JZ Accrual Amount” is any interest then accrued and added to the principal balance of the JZ Class.

The “ZY Accrual Amount” is any interest then accrued and added to the principal balance of the ZY Class.

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

“Aggregate Group III” consists of the JA, VJ and JZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group III to JA, VJ and JZ, 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 9*

The ZD Accrual Amount to DV until retired, and thereafter to ZD. } Accretion
Directed
Class and
Accrual Class

The Group 9 Cash Flow Distribution Amount to DB, DV and ZD, in that order, until retired. } Sequential
Pay Classes

The “ZD Accrual Amount” is any interest then accrued and added to the principal balance of the ZD Class.

The “Group 9 Cash Flow Distribution Amount” is the principal then paid on the Group 9 MBS.

- *Group 10*

The BZ Accrual Amount to BA and BD, in that order, until retired, and thereafter to BZ. } Accretion
Directed
Classes and
Accrual Class

The ZB Accrual Amount to Aggregate Group IV to its Planned Balance, and thereafter to ZB. } Accretion
Directed/PAC
Group and
Accrual Class

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

1. To Aggregate Group IV to its Planned Balance. } PAC Group
2. To ZB until retired. } Support Class
3. To Aggregate Group IV to zero. } PAC Group

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

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

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

“Aggregate Group IV” consists of the BA, BD and BZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV to BA, BD and BZ, 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.

- *Group 11*

The ZN Accrual Amount to Aggregate Group V to its Planned Balance, and thereafter to ZN. } Accretion
Directed/PAC
Group and
Accrual Class

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

- | | |
|---|-----------------|
| 1. To Aggregate Group V to its Planned Balance. | } PAC Group |
| 2. To ZN until retired. | } Support Class |
| 3. To Aggregate Group V to zero. | } PAC Group |

The “ZN Accrual Amount” is any interest then accrued and added to the principal balance of the ZN Class.

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

“Aggregate Group V” consists of the NA and NY Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group V to NA and NY, in that order, until retired.

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

• *Group 12*

The ZV Accrual Amount to JV until retired, and thereafter to ZV.	} Accretion Directed Class and Accrual Class
--	---

The ZW Accrual Amount to Aggregate Group VI to its Planned Balance, and thereafter to ZW.	} Accretion Directed/PAC Group and Accrual Class
---	---

The Group 12 Cash Flow Distribution Amount in the following priority:

- | | |
|--|-----------------|
| 1. To Aggregate Group VI to its Planned Balance. | } PAC Group |
| 2. To ZW until retired. | } Support Class |
| 3. To Aggregate Group VI to zero. | } PAC Group |

The “ZV Accrual Amount” is any interest then accrued and added to the principal balance of the ZV Class.

The “ZW Accrual Amount” is any interest then accrued and added to the principal balance of the ZW Class.

The “Group 12 Cash Flow Distribution Amount” is the principal then paid on the Group 12 MBS.

“Aggregate Group VI” consists of the JC, JV and ZV Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group VI to JC, JV and ZV, in that order, until retired.

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

• *Group 13*

The Group 13 Principal Distribution Amount in the following priority:

- | | |
|---|----------------------|
| 1. To Aggregate Group VII to its Planned Balance. | } PAC Group |
| 2. To CF and CS, pro rata, until retired. | } Support
Classes |
| 3. To Aggregate Group VII to zero. | } PAC Group |

The “Group 13 Principal Distribution Amount” is the principal then paid on the Group 13 MBS.

“Aggregate Group VII” consists of the CD and CM Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group VII to CD and CM, in that order, until retired.

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

Structuring Assumptions

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

- the Mortgage Loans underlying the MBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under “Summary—Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7, Group 8, Group 9, Group 10, Group 11, Group 12 and Group 13—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 May 31, 2018; and
- each Distribution Date occurs on the 25th day of a month.

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the 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 and Class</u>	<u>Structuring Ranges</u>	<u>Initial Effective Ranges</u>
Aggregate Group I Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
Aggregate Group II Planned Balances	Between 175% and 325% PSA	Between 175% and 325% PSA
Aggregate Group III Planned Balances	Between 200% and 450% PSA	Between 200% and 450% PSA
Aggregate Group IV Planned Balances	Between 175% and 325% PSA	Between 175% and 325% PSA
Aggregate Group V Planned Balances	Between 130% and 215% PSA	Between 130% and 215% PSA
Aggregate Group VI Planned Balances	Between 150% and 300% PSA	Between 150% and 300% PSA
Aggregate Group VII Planned Balances	Between 175% and 325% PSA	Between 175% and 325% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	PK, PE, PM and PN
Aggregate Group II	CJ, CT and CL
Aggregate Group III	JA, VJ and JZ
Aggregate Group IV	BA, BD and BZ
Aggregate Group V	NA and NY
Aggregate Group VI	JC, JV and ZV
Aggregate Group VII	CD and CM

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

Yield Tables

General. The tables below illustrate the sensitivity of the pre-tax corporate bond equivalent yields to maturity of the applicable Classes to various constant percentages of PSA and, where specified, to changes in the Index. **The tables below are provided for illustrative purposes**

only and are not intended as a forecast or prediction of the actual yields on the applicable Classes. We calculated the yields set forth in the tables by

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

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

We cannot assure you that

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

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

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

The Fixed Rate Interest Only Classes. **The yields to investors 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>
IC	427%
LI	337%
IJ	484%
IB	345%
JI	423%
IW	449%
CI	410%
IP	468%

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>
IC	17.7500%
LI	12.0000%
IJ	17.6250%
IB	19.7188%
JI	12.3910%
IW	18.4453%
CI	17.7500%
IP	17.9514%

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

Sensitivity of the IC Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>175%</u>	<u>275%</u>	<u>325%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
Pre-Tax Yields to Maturity	14.7%	10.4%	5.2%	5.2%	5.2%	1.5%	(4.2)%	(16.4)%	(35.5)%	(60.3)%

Sensitivity of the LI Class to Prepayments

	<u>PSA Prepayment Assumption</u>								
	<u>50%</u>	<u>100%</u>	<u>200%</u>	<u>300%</u>	<u>392%</u>	<u>500%</u>	<u>700%</u>	<u>900%</u>	<u>1200%</u>
Pre-Tax Yields to Maturity	19.7%	16.6%	10.0%	2.8%	(4.3)%	(12.9)%	(29.3)%	(45.8)%	(69.6)%

Sensitivity of the IJ Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>250%</u>	<u>300%</u>	<u>450%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
Pre-Tax Yields to Maturity	13.4%	8.6%	4.3%	1.4%	1.4%	1.4%	1.4%	(10.5)%	(26.3)%	(48.2)%

Sensitivity of the IB Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>175%</u>	<u>275%</u>	<u>325%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
Pre-Tax Yields to Maturity	15.8%	13.2%	9.2%	3.8%	1.1%	(3.1)%	(8.7)%	(20.3)%	(38.6)%	(64.1)%

Sensitivity of the JI Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>250%</u>	<u>300%</u>	<u>450%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
Pre-Tax Yields to Maturity	21.5%	14.8%	8.0%	8.0%	8.0%	8.0%	(2.0)%	(19.7)%	(37.5)%	(56.9)%

Sensitivity of the IW Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>250%</u>	<u>300%</u>	<u>450%</u>	<u>700%</u>	<u>1000%</u>	<u>1400%</u>
Pre-Tax Yields to Maturity	13.8%	9.8%	6.9%	6.9%	6.9%	6.9%	0.0%	(13.1)%	(29.5)%	(52.1)%

Sensitivity of the CI Class to Prepayments

	PSA Prepayment Assumption									
	50%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
Pre-Tax Yields to Maturity	15.9%	11.3%	4.4%	4.4%	4.4%	0.6%	(5.5)%	(18.3)%	(37.2)%	(59.8)%

Sensitivity of the IP Class to Prepayments

	PSA Prepayment Assumption									
	50%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Pre-Tax Yields to Maturity	13.6%	9.2%	5.5%	4.0%	4.0%	4.0%	0.8%	(11.5)%	(27.6)%	(49.7)%

The Inverse Floating Rate Class. The yield on the Inverse Floating Rate Class will be sensitive to the rate of principal payments (including prepayments) of the related Mortgage Loans and to the level of the Index. The Mortgage Loans generally can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the related Mortgage Loans is likely to vary, and may vary considerably, from pool to pool.

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

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

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

<u>Class</u>	<u>Price*</u>
CS	99.50%

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

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

<u>LIBOR</u>	PSA Prepayment Assumption									
	50%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
0.9695%	12.4%	12.4%	12.4%	12.3%	12.3%	12.2%	12.2%	12.1%	12.0%	11.9%
1.9390%	8.4%	8.4%	8.4%	8.4%	8.4%	8.3%	8.3%	8.3%	8.3%	8.3%
3.9390%	0.3%	0.3%	0.3%	0.3%	0.4%	0.5%	0.6%	0.7%	0.8%	0.9%
4.0000%	0.0%	0.0%	0.0%	0.1%	0.2%	0.3%	0.3%	0.4%	0.6%	0.7%

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions, and
- the applicable priority sequences of distributions of principal of the Classes.

See “—Distributions of Principal” above.

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

Decrement Tables

The following tables indicate the percentages of original principal balances of the specified Classes that would be outstanding after each date shown at various constant PSA 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 and Remaining Terms to Maturity</u>	<u>Interest Rates</u>
Group 1 MBS	360 months	6.00%
Group 2 MBS	360 months	6.50%
Group 3 MBS	360 months	6.50%
Group 4 MBS	360 months	6.50%
Group 5 MBS	360 months	5.50%
Group 6 MBS	360 months	6.50%
Group 7 MBS	360 months	6.50%
Group 8 MBS	360 months	6.50%
Group 9 MBS	360 months	6.50%
Group 10 MBS	360 months	6.50%
Group 11 MBS	360 months	6.00%
Group 12 MBS	360 months	6.50%
Group 13 MBS	360 months	6.50%

It is unlikely that all of the Mortgage Loans will have the loan ages, interest rates or remaining terms to maturity assumed, or that the Mortgage Loans will prepay at any *constant* PSA 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	PK Class										PE Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	96	95	95	95	95	95	95	95	91	98	94	93	93	93	93	93	93	93	86
May 2020	97	89	87	87	87	87	85	74	57	37	95	83	80	80	80	80	78	59	34	2
May 2021	95	80	77	77	77	77	59	42	23	6	93	69	65	65	65	65	37	11	0	0
May 2022	93	72	68	68	68	63	40	24	9	1	90	57	50	50	50	43	8	0	0	0
May 2023	92	64	59	59	59	51	28	14	4	*	87	45	37	37	37	24	0	0	0	0
May 2024	89	57	51	51	51	41	19	8	1	*	84	34	25	25	25	8	0	0	0	0
May 2025	87	51	44	44	44	33	13	4	1	*	80	24	13	13	13	0	0	0	0	0
May 2026	85	44	37	37	37	26	9	2	*	*	77	14	3	3	3	0	0	0	0	0
May 2027	83	39	31	31	31	21	6	1	*	*	73	5	0	0	0	0	0	0	0	0
May 2028	80	33	26	26	26	16	4	1	*	*	69	0	0	0	0	0	0	0	0	0
May 2029	77	28	22	22	22	13	3	*	*	*	65	0	0	0	0	0	0	0	0	0
May 2030	74	23	18	18	18	10	2	*	*	0	60	0	0	0	0	0	0	0	0	0
May 2031	71	19	15	15	15	8	1	*	*	0	56	0	0	0	0	0	0	0	0	0
May 2032	68	15	13	13	13	6	1	*	*	0	51	0	0	0	0	0	0	0	0	0
May 2033	65	11	10	10	10	5	1	*	*	0	45	0	0	0	0	0	0	0	0	0
May 2034	61	9	9	9	9	4	*	*	*	0	40	0	0	0	0	0	0	0	0	0
May 2035	57	7	7	7	7	3	*	*	*	0	34	0	0	0	0	0	0	0	0	0
May 2036	53	6	6	6	6	2	*	*	*	0	27	0	0	0	0	0	0	0	0	0
May 2037	49	5	5	5	5	2	*	*	*	0	20	0	0	0	0	0	0	0	0	0
May 2038	44	4	4	4	4	1	*	*	*	0	13	0	0	0	0	0	0	0	0	0
May 2039	39	3	3	3	3	1	*	*	0	0	5	0	0	0	0	0	0	0	0	0
May 2040	34	2	2	2	2	1	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	28	2	2	2	2	1	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	22	1	1	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	16	1	1	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	9	1	1	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	2	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	17.2	8.1	7.5	7.5	7.5	6.2	4.2	3.2	2.4	1.9	13.1	4.8	4.2	4.2	4.2	3.7	2.7	2.2	1.8	1.4

Date	PM Class										PN Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2021	100	100	100	100	100	100	100	100	100	10	0	100	100	100	100	100	100	100	100	29
May 2022	100	100	100	100	100	100	100	18	0	0	0	100	100	100	100	100	100	100	42	5
May 2023	100	100	100	100	100	100	45	0	0	0	0	100	100	100	100	100	100	63	16	1
May 2024	100	100	100	100	100	100	0	0	0	0	0	100	100	100	100	100	88	36	6	*
May 2025	100	100	100	100	100	79	0	0	0	0	0	100	100	100	100	100	60	20	2	*
May 2026	100	100	100	100	100	32	0	0	0	0	0	100	100	100	100	100	41	11	1	*
May 2027	100	100	72	72	72	0	0	0	0	0	0	100	100	100	100	96	28	6	*	*
May 2028	100	84	35	35	35	0	0	0	0	0	0	100	100	100	100	76	19	4	*	*
May 2029	100	47	3	3	3	0	0	0	0	0	0	100	100	100	100	60	13	2	*	*
May 2030	100	13	0	0	0	0	0	0	0	0	0	100	100	85	85	48	9	1	*	*
May 2031	100	0	0	0	0	0	0	0	0	0	0	100	88	71	71	37	6	1	*	0
May 2032	100	0	0	0	0	0	0	0	0	0	0	100	69	58	58	29	4	*	*	0
May 2033	100	0	0	0	0	0	0	0	0	0	0	100	51	48	48	23	3	*	*	0
May 2034	100	0	0	0	0	0	0	0	0	0	0	100	40	40	40	18	2	*	*	0
May 2035	100	0	0	0	0	0	0	0	0	0	0	100	32	32	32	14	1	*	*	0
May 2036	100	0	0	0	0	0	0	0	0	0	0	100	26	26	26	11	1	*	*	0
May 2037	100	0	0	0	0	0	0	0	0	0	0	100	21	21	21	8	*	*	*	0
May 2038	100	0	0	0	0	0	0	0	0	0	0	100	17	17	17	6	*	*	*	0
May 2039	100	0	0	0	0	0	0	0	0	0	0	100	13	13	13	5	*	*	*	0
May 2040	87	0	0	0	0	0	0	0	0	0	0	100	10	10	10	3	*	*	*	0
May 2041	47	0	0	0	0	0	0	0	0	0	0	100	8	8	8	2	*	*	0	0
May 2042	4	0	0	0	0	0	0	0	0	0	0	100	6	6	6	2	*	*	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	73	4	4	4	1	*	*	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	42	3	3	3	1	*	*	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	9	2	2	2	2	*	*	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	22.9	11.0	9.6	9.6	9.6	7.7	5.0	3.7	2.8	2.2	25.8	16.4	16.0	16.0	16.0	12.9	8.3	6.0	4.2	2.9

* 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	PU Class										PQ Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%	0%	100%	125%	190%	225%	300%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	94	91	84	65	46	18	0	100	100	100	100	100	100	100	100	100	100
May 2020	100	100	100	81	70	48	0	0	0	0	100	100	100	100	100	100	100	100	100	100
May 2021	100	100	100	65	46	8	0	0	0	0	100	100	100	100	100	100	100	100	65	18
May 2022	100	100	100	52	28	0	0	0	0	0	100	100	100	100	100	100	100	68	25	3
May 2023	100	100	100	43	15	0	0	0	0	0	100	100	100	100	100	100	78	39	10	*
May 2024	100	100	100	37	7	0	0	0	0	0	100	100	100	100	100	100	54	22	4	*
May 2025	100	100	100	33	2	0	0	0	0	0	100	100	100	100	100	92	37	12	2	*
May 2026	100	100	100	31	*	0	0	0	0	0	100	100	100	100	100	73	25	7	1	*
May 2027	100	100	100	30	*	0	0	0	0	0	100	100	89	89	89	58	17	4	*	*
May 2028	100	100	97	28	*	0	0	0	0	0	100	94	74	74	46	11	2	*	*	*
May 2029	100	100	94	27	*	0	0	0	0	0	100	79	62	62	62	37	8	1	*	*
May 2030	100	100	90	25	*	0	0	0	0	0	100	66	52	52	52	29	5	1	*	0
May 2031	100	100	84	23	*	0	0	0	0	0	100	53	43	43	43	23	4	*	*	0
May 2032	100	100	79	21	*	0	0	0	0	0	100	42	36	36	36	18	2	*	*	0
May 2033	100	100	72	19	*	0	0	0	0	0	100	31	29	29	29	14	2	*	*	0
May 2034	100	95	66	17	*	0	0	0	0	0	100	24	24	24	24	11	1	*	*	0
May 2035	100	87	60	15	*	0	0	0	0	0	100	20	20	20	20	8	1	*	*	0
May 2036	100	79	54	13	*	0	0	0	0	0	100	16	16	16	16	6	*	*	*	0
May 2037	100	70	48	11	*	0	0	0	0	0	100	13	13	13	13	5	*	*	*	0
May 2038	100	62	42	9	*	0	0	0	0	0	100	10	10	10	10	4	*	*	*	0
May 2039	100	55	36	8	*	0	0	0	0	0	100	8	8	8	8	3	*	*	*	0
May 2040	100	47	31	7	*	0	0	0	0	0	95	6	6	6	6	2	*	*	0	0
May 2041	100	40	26	5	*	0	0	0	0	0	79	5	5	5	5	1	*	*	0	0
May 2042	100	32	21	4	*	0	0	0	0	0	62	4	4	4	4	1	*	*	0	0
May 2043	100	26	16	3	*	0	0	0	0	0	45	3	3	3	3	1	*	*	0	0
May 2044	100	19	12	2	*	0	0	0	0	0	26	2	2	2	2	*	*	*	0	0
May 2045	100	13	8	1	*	0	0	0	0	0	6	1	1	1	1	*	*	*	0	0
May 2046	74	7	4	1	*	0	0	0	0	0	1	1	1	1	1	*	*	*	0	0
May 2047	38	2	1	*	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	28.7	21.9	18.9	7.5	3.1	1.9	1.2	0.9	0.7	0.6	24.7	14.3	13.5	13.5	13.5	10.9	7.0	5.1	3.6	2.6

Date	DA Class							VD Class							DZ Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	152%	200%	300%	400%	600%	0%	100%	152%	200%	300%	400%	600%	0%	100%	152%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	94	92	90	87	83	76	94	94	94	94	94	94	94	104	104	104	104	104	104	104
May 2020	97	85	80	76	66	57	41	88	88	88	88	88	88	88	108	108	108	108	108	108	108
May 2021	95	76	68	60	46	34	12	81	81	81	81	81	81	81	113	113	113	113	113	113	113
May 2022	93	67	56	47	30	16	0	74	74	74	74	74	74	35	117	117	117	117	117	117	117
May 2023	91	59	46	36	17	3	0	67	67	67	67	67	67	0	122	122	122	122	122	122	88
May 2024	89	51	37	26	7	0	0	59	59	59	59	59	59	10	0	127	127	127	127	127	55
May 2025	87	44	29	17	0	0	0	52	52	52	52	52	40	0	0	132	132	132	132	132	34
May 2026	85	37	21	10	0	0	0	44	44	44	44	44	0	0	0	138	138	138	138	127	21
May 2027	82	31	15	3	0	0	0	35	35	35	35	35	0	0	0	143	143	143	143	101	13
May 2028	79	25	9	0	0	0	0	26	26	26	8	0	0	0	0	149	149	149	149	80	8
May 2029	77	19	3	0	0	0	0	17	17	17	0	0	0	0	0	155	155	155	131	64	5
May 2030	73	14	0	0	0	0	0	8	8	0	0	0	0	0	0	161	161	160	111	50	3
May 2031	70	9	0	0	0	0	0	0	0	0	0	0	0	0	0	167	167	139	94	40	2
May 2032	67	5	0	0	0	0	0	0	0	0	0	0	0	0	0	167	167	121	79	31	1
May 2033	63	1	0	0	0	0	0	0	0	0	0	0	0	0	0	167	167	105	66	24	8
May 2034	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	152	91	55	19	6
May 2035	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	135	78	46	15	4
May 2036	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	119	66	38	11	3
May 2037	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	104	56	31	9	2
May 2038	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	90	47	25	6	2
May 2039	34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	77	39	20	5	1
May 2040	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	65	32	16	4	1
May 2041	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	54	25	12	3	*
May 2042	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	44	20	9	2	*
May 2043	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	34	15	7	1	*
May 2044	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	25	11	5	1	*
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132	17	7	3	*	*
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	91	9	4	2	*	*
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	2	1	*	*	*
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	16.6	6.7	5.1	4.2	3.1	2.5	1.8	7.0	7.0	6.9	6.6	5.5	4.7	3.5	28.2	21.1	17.8	15.5	11.9	9.4	6.5

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.
 ** Determined as specified under “Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates” in the REMIC Prospectus.

Date	CJ, CT and IC† Classes										CL Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	95	94	94	94	94	94	94	89	100	100	100	100	100	100	100	100	100	100	100
May 2020	96	88	83	83	83	83	83	72	56	36	100	100	100	100	100	100	100	100	100	100
May 2021	93	78	69	69	69	67	58	41	22	5	100	100	100	100	100	100	100	100	100	100
May 2022	91	69	57	57	57	50	39	23	8	0	100	100	100	100	100	100	100	100	100	79
May 2023	88	61	46	46	46	37	26	12	2	0	100	100	100	100	100	100	100	100	100	12
May 2024	85	53	36	36	36	27	18	7	*	0	100	100	100	100	100	100	100	100	100	2
May 2025	82	45	28	28	28	20	12	3	0	0	100	100	100	100	100	100	100	100	43	*
May 2026	79	38	22	22	22	14	8	1	0	0	100	100	100	100	100	100	100	100	17	*
May 2027	75	31	17	17	17	10	5	*	0	0	100	100	100	100	100	100	100	100	7	*
May 2028	72	25	13	13	13	7	3	0	0	0	100	100	100	100	100	100	100	64	3	*
May 2029	68	19	10	10	10	5	2	0	0	0	100	100	100	100	100	100	100	36	1	*
May 2030	64	13	7	7	7	3	1	0	0	0	100	100	100	100	100	100	100	20	*	*
May 2031	60	7	5	5	5	2	*	0	0	0	100	100	100	100	100	100	100	11	*	*
May 2032	55	4	4	4	4	1	0	0	0	0	100	100	100	100	100	100	69	6	*	0
May 2033	50	3	3	3	3	1	0	0	0	0	100	100	100	100	100	100	46	3	*	0
May 2034	45	2	2	2	2	*	0	0	0	0	100	100	100	100	100	100	31	2	*	0
May 2035	40	1	1	1	1	0	0	0	0	0	100	100	100	100	100	75	20	1	*	0
May 2036	34	*	*	*	*	0	0	0	0	0	100	100	100	100	100	53	13	1	*	0
May 2037	28	*	*	*	*	0	0	0	0	0	100	100	100	100	100	38	9	*	*	0
May 2038	22	0	0	0	0	0	0	0	0	0	100	79	79	79	79	27	6	*	*	0
May 2039	15	0	0	0	0	0	0	0	0	0	100	58	58	58	58	19	4	*	*	0
May 2040	8	0	0	0	0	0	0	0	0	0	100	42	42	42	42	13	2	*	*	0
May 2041	*	0	0	0	0	0	0	0	0	0	100	30	30	30	30	9	1	*	*	0
May 2042	0	0	0	0	0	0	0	0	0	0	21	21	21	21	21	6	1	*	*	0
May 2043	0	0	0	0	0	0	0	0	0	0	14	14	14	14	14	4	1	*	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	9	9	9	9	9	2	*	*	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	1	*	*	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	1	*	*	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	14.0	6.9	5.5	5.5	5.5	4.7	4.0	3.1	2.3	1.8	23.8	22.2	22.2	22.2	22.2	19.0	15.5	11.0	7.2	4.4

Date	ZC Class										LA Class						
	PSA Prepayment Assumption										PSA Prepayment Assumption						
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	151%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	94	89	81	71	50	19	0	98	95	93	92	89	86	80
May 2020	108	108	108	76	60	37	6	0	0	0	97	86	82	77	69	61	45
May 2021	113	113	113	55	29	0	0	0	0	0	95	76	68	61	47	34	13
May 2022	117	117	117	43	10	0	0	0	0	0	93	67	56	47	30	15	0
May 2023	122	122	122	37	1	0	0	0	0	0	91	58	45	34	15	*	0
May 2024	127	127	127	36	*	0	0	0	0	0	89	50	35	23	4	0	0
May 2025	132	132	127	35	*	0	0	0	0	0	86	42	27	14	0	0	0
May 2026	138	138	124	33	*	0	0	0	0	0	84	35	19	6	0	0	0
May 2027	143	143	118	30	*	0	0	0	0	0	81	28	12	0	0	0	0
May 2028	149	149	110	27	*	0	0	0	0	0	78	22	5	0	0	0	0
May 2029	155	155	102	24	*	0	0	0	0	0	75	16	0	0	0	0	0
May 2030	161	161	93	21	*	0	0	0	0	0	72	10	0	0	0	0	0
May 2031	168	168	83	18	*	0	0	0	0	0	69	5	0	0	0	0	0
May 2032	175	163	75	15	*	0	0	0	0	0	65	1	0	0	0	0	0
May 2033	182	150	66	13	*	0	0	0	0	0	61	0	0	0	0	0	0
May 2034	189	136	58	11	*	0	0	0	0	0	57	0	0	0	0	0	0
May 2035	197	123	50	9	*	0	0	0	0	0	52	0	0	0	0	0	0
May 2036	205	111	43	7	*	0	0	0	0	0	47	0	0	0	0	0	0
May 2037	214	98	37	6	*	0	0	0	0	0	42	0	0	0	0	0	0
May 2038	222	86	31	5	*	0	0	0	0	0	37	0	0	0	0	0	0
May 2039	231	75	26	4	*	0	0	0	0	0	31	0	0	0	0	0	0
May 2040	241	64	21	3	*	0	0	0	0	0	25	0	0	0	0	0	0
May 2041	251	54	17	2	*	0	0	0	0	0	18	0	0	0	0	0	0
May 2042	227	44	13	2	*	0	0	0	0	0	11	0	0	0	0	0	0
May 2043	195	35	10	1	*	0	0	0	0	0	4	0	0	0	0	0	0
May 2044	161	27	7	1	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	125	19	5	1	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	86	11	3	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	44	4	1	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																	
Life (years)**	26.9	20.6	16.1	6.6	2.4	1.7	1.3	1.0	0.7	0.6	16.1	6.4	4.9	4.1	3.1	2.5	1.9

* 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	VL Class							LZ Class							LW Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	151%	200%	300%	400%	600%	0%	100%	151%	200%	300%	400%	600%	0%	100%	151%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	94	94	94	94	94	94	94	104	104	104	104	104	104	104	100	100	100	100	100	100	100
May 2020	88	88	88	88	88	88	88	108	108	108	108	108	108	108	100	100	100	100	100	100	100
May 2021	81	81	81	81	81	81	81	113	113	113	113	113	113	113	100	100	100	100	100	100	100
May 2022	74	74	74	74	74	74	27	117	117	117	117	117	117	117	100	100	100	100	100	100	81
May 2023	67	67	67	67	67	67	0	122	122	122	122	122	122	85	100	100	100	100	100	100	51
May 2024	60	60	60	60	60	0	0	127	127	127	127	127	124	53	100	100	100	100	100	74	32
May 2025	52	52	52	52	19	0	0	132	132	132	132	132	92	33	100	100	100	100	87	55	20
May 2026	44	44	44	44	0	0	0	138	138	138	138	116	68	21	100	100	100	100	69	41	12
May 2027	35	35	35	29	0	0	0	143	143	143	143	92	50	13	100	100	100	98	55	30	8
May 2028	27	27	27	0	0	0	0	149	149	149	139	73	37	8	100	100	100	83	44	22	5
May 2029	18	18	14	0	0	0	0	155	155	155	118	58	27	5	100	100	98	71	35	16	3
May 2030	8	8	0	0	0	0	0	161	161	144	100	46	20	3	100	100	86	60	28	12	2
May 2031	0	0	0	0	0	0	0	167	167	126	85	36	15	2	100	100	75	51	22	9	1
May 2032	0	0	0	0	0	0	0	167	167	110	71	28	11	1	100	100	66	43	17	6	1
May 2033	0	0	0	0	0	0	0	167	152	95	60	22	8	1	100	91	57	36	13	5	*
May 2034	0	0	0	0	0	0	0	167	135	82	50	17	6	*	100	81	49	30	10	3	*
May 2035	0	0	0	0	0	0	0	167	120	71	42	13	4	*	100	72	42	25	8	2	*
May 2036	0	0	0	0	0	0	0	167	106	60	34	10	3	*	100	63	36	21	6	2	*
May 2037	0	0	0	0	0	0	0	167	93	51	28	8	2	*	100	56	31	17	5	1	*
May 2038	0	0	0	0	0	0	0	167	80	43	23	6	1	*	100	48	26	14	4	1	*
May 2039	0	0	0	0	0	0	0	167	69	36	18	4	1	*	100	41	21	11	3	1	*
May 2040	0	0	0	0	0	0	0	167	58	29	15	3	1	*	100	35	17	9	2	*	*
May 2041	0	0	0	0	0	0	0	167	49	23	11	2	*	*	100	29	14	7	1	*	*
May 2042	0	0	0	0	0	0	0	167	40	18	9	2	*	*	100	24	11	5	1	*	*
May 2043	0	0	0	0	0	0	0	167	31	14	6	1	*	*	100	19	8	4	1	*	*
May 2044	0	0	0	0	0	0	0	149	23	10	4	1	*	*	89	14	6	3	*	*	*
May 2045	0	0	0	0	0	0	0	115	16	7	3	*	*	*	69	10	4	2	*	*	*
May 2046	0	0	0	0	0	0	0	79	9	4	2	*	*	*	48	5	2	1	*	*	*
May 2047	0	0	0	0	0	0	0	41	3	1	*	*	*	*	25	2	1	*	*	*	*
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	7.0	7.0	6.8	6.4	5.4	4.5	3.5	27.9	20.4	17.4	15.1	11.6	9.2	6.4	27.9	20.4	17.0	14.4	10.7	8.3	5.7

Date	LD, LI† and LE Classes										ZL Class								
	PSA Prepayment Assumption										PSA Prepayment Assumption								
	0%	100%	200%	300%	392%	500%	700%	900%	1200%	0%	100%	200%	300%	392%	500%	700%	900%	1200%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
May 2019	98	95	93	90	88	85	80	75	67	103	103	103	103	103	103	103	103	103	
May 2020	97	88	81	74	68	62	50	38	24	106	106	106	106	106	106	106	106	106	
May 2021	95	81	69	59	50	41	26	15	3	109	109	109	109	109	109	109	109	109	
May 2022	93	74	59	46	36	26	13	4	0	113	113	113	113	113	113	113	113	50	
May 2023	91	67	50	36	26	16	5	0	0	116	116	116	116	116	116	116	93	14	
May 2024	89	61	42	27	18	9	1	0	0	120	120	120	120	120	120	120	42	4	
May 2025	87	55	35	21	12	5	0	0	0	123	123	123	123	123	123	75	19	1	
May 2026	85	49	29	15	7	1	0	0	0	127	127	127	127	127	127	42	8	*	
May 2027	83	44	24	11	4	0	0	0	0	131	131	131	131	131	108	24	4	*	
May 2028	80	40	19	7	1	0	0	0	0	135	135	135	135	135	73	13	2	*	
May 2029	78	35	15	4	0	0	0	0	0	139	139	139	139	120	49	7	1	*	
May 2030	75	31	12	2	0	0	0	0	0	143	143	143	143	88	33	4	*	*	
May 2031	72	27	9	*	0	0	0	0	0	148	148	148	148	65	22	2	*	*	
May 2032	69	23	6	0	0	0	0	0	0	152	152	152	117	47	15	1	*	*	
May 2033	66	20	4	0	0	0	0	0	0	157	157	157	91	34	10	1	*	*	
May 2034	62	17	2	0	0	0	0	0	0	162	162	162	71	25	6	*	*	*	
May 2035	59	14	*	0	0	0	0	0	0	166	166	166	54	18	4	*	*	*	
May 2036	55	11	0	0	0	0	0	0	0	171	171	139	41	13	3	*	*	0	
May 2037	51	8	0	0	0	0	0	0	0	177	177	113	31	9	2	*	*	0	
May 2038	47	6	0	0	0	0	0	0	0	182	182	91	23	6	1	*	*	0	
May 2039	42	4	0	0	0	0	0	0	0	188	188	72	17	4	1	*	*	0	
May 2040	38	1	0	0	0	0	0	0	0	193	193	56	13	3	*	*	*	0	
May 2041	33	0	0	0	0	0	0	0	0	199	185	43	9	2	*	*	*	0	
May 2042	28	0	0	0	0	0	0	0	0	205	146	32	6	1	*	*	*	0	
May 2043	22	0	0	0	0	0	0	0	0	212	110	22	4	1	*	*	*	0	
May 2044	16	0	0	0	0	0	0	0	0	218	76	15	2	*	*	*	*	0	
May 2045	10	0	0	0	0	0	0	0	0	225	46	8	1	*	*	*	0	0	
May 2046	4	0	0	0	0	0	0	0	0	231	18	3	*	*	*	*	0	0	
May 2047	0	0	0	0	0	0	0	0	0	165	0	0	0	0	0	0	0	0	
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																			
Life (years)**	17.8	9.0	6.0	4.5	3.6	3.0	2.3	1.8	1.4	29.3	25.5	21.1	16.8	13.7	11.1	7.9	6.0	4.2	

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

Date	YC and YB Classes							VY Class							YZ Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	151%	200%	300%	400%	600%	0%	100%	151%	200%	300%	400%	600%	0%	100%	151%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	95	94	92	90	87	82	94	94	94	94	94	94	94	104	104	104	104	104	104	104
May 2020	97	87	83	79	71	64	49	88	88	88	88	88	88	88	108	108	108	108	108	108	108
May 2021	95	77	70	63	50	38	17	81	81	81	81	81	81	81	113	113	113	113	113	113	113
May 2022	93	68	58	49	33	18	0	74	74	74	74	74	74	49	117	117	117	117	117	117	117
May 2023	91	60	47	37	18	4	0	67	67	67	67	67	67	0	122	122	122	122	122	122	94
May 2024	89	52	38	26	7	0	0	60	60	60	60	60	13	0	127	127	127	127	127	127	59
May 2025	87	44	29	17	0	0	0	52	52	52	52	39	0	0	132	132	132	132	132	101	37
May 2026	84	37	21	9	0	0	0	44	44	44	44	0	0	0	138	138	138	138	126	75	23
May 2027	82	30	14	2	0	0	0	35	35	35	35	0	0	0	143	143	143	143	101	55	14
May 2028	79	24	8	0	0	0	0	27	27	27	2	0	0	0	149	149	149	149	80	41	9
May 2029	76	19	2	0	0	0	0	18	18	18	0	0	0	0	155	155	155	128	63	30	5
May 2030	73	13	0	0	0	0	0	8	8	0	0	0	0	0	161	161	156	109	50	22	3
May 2031	69	8	0	0	0	0	0	0	0	0	0	0	0	0	167	167	136	92	40	16	2
May 2032	66	4	0	0	0	0	0	0	0	0	0	0	0	0	167	167	119	78	31	12	1
May 2033	62	0	0	0	0	0	0	0	0	0	0	0	0	0	167	164	103	65	24	8	1
May 2034	58	0	0	0	0	0	0	0	0	0	0	0	0	0	167	146	89	54	19	6	*
May 2035	54	0	0	0	0	0	0	0	0	0	0	0	0	0	167	130	77	45	15	4	*
May 2036	49	0	0	0	0	0	0	0	0	0	0	0	0	0	167	115	65	37	11	3	*
May 2037	44	0	0	0	0	0	0	0	0	0	0	0	0	0	167	101	55	31	9	2	*
May 2038	39	0	0	0	0	0	0	0	0	0	0	0	0	0	167	87	47	25	7	2	*
May 2039	33	0	0	0	0	0	0	0	0	0	0	0	0	0	167	75	39	20	5	1	*
May 2040	27	0	0	0	0	0	0	0	0	0	0	0	0	0	167	64	32	16	4	1	*
May 2041	20	0	0	0	0	0	0	0	0	0	0	0	0	0	167	53	26	12	3	1	*
May 2042	14	0	0	0	0	0	0	0	0	0	0	0	0	0	167	43	20	10	2	*	*
May 2043	6	0	0	0	0	0	0	0	0	0	0	0	0	0	167	34	16	7	1	*	*
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	160	26	11	5	1	*	*
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	124	18	8	3	1	*	*
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	11	4	2	*	*	*
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	4	2	1	*	*	*
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	16.4	6.7	5.2	4.3	3.2	2.6	2.0	7.0	7.0	6.9	6.5	5.5	4.7	3.6	28.0	20.9	17.8	15.5	11.9	9.5	6.6

Date	YW Class							MB Class							VM Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	151%	200%	300%	400%	600%	0%	100%	151%	200%	300%	400%	600%	0%	100%	151%	200%	300%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	100	100	100	100	99	96	95	94	92	90	85	94	94	94	94	94	94	94
May 2020	100	100	100	100	100	100	100	97	89	86	82	76	69	57	88	88	88	88	88	88	88
May 2021	100	100	100	100	100	100	100	96	80	74	68	57	46	28	81	81	81	81	81	81	81
May 2022	100	100	100	100	100	100	90	94	72	63	55	41	28	9	74	74	74	74	74	74	74
May 2023	100	100	100	100	100	100	56	92	65	54	44	28	15	0	67	67	67	67	67	67	30
May 2024	100	100	100	100	100	81	35	90	57	45	35	18	5	0	60	60	60	60	60	60	0
May 2025	100	100	100	100	95	60	22	88	51	37	27	10	0	0	52	52	52	52	52	28	0
May 2026	100	100	100	100	76	45	14	86	44	30	20	3	0	0	44	44	44	44	44	0	0
May 2027	100	100	100	100	60	33	9	84	39	24	13	0	0	0	35	35	35	35	10	0	0
May 2028	100	100	100	90	48	24	5	81	33	19	8	0	0	0	27	27	27	27	0	0	0
May 2029	100	100	100	77	38	18	3	79	28	14	3	0	0	0	18	18	18	18	0	0	0
May 2030	100	100	93	65	30	13	2	76	23	9	0	0	0	0	8	8	8	0	0	0	0
May 2031	100	100	82	55	24	10	1	73	19	5	0	0	0	0	0	0	0	0	0	0	0
May 2032	100	100	71	46	19	7	1	70	15	1	0	0	0	0	0	0	0	0	0	0	0
May 2033	100	98	62	39	15	5	*	66	11	0	0	0	0	0	0	0	0	0	0	0	0
May 2034	100	88	53	33	11	4	*	62	7	0	0	0	0	0	0	0	0	0	0	0	0
May 2035	100	78	46	27	9	3	*	59	4	0	0	0	0	0	0	0	0	0	0	0	0
May 2036	100	69	39	22	7	2	*	54	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2037	100	60	33	18	5	1	*	50	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2038	100	52	28	15	4	1	*	45	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2039	100	45	23	12	3	1	*	40	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	100	38	19	10	2	*	*	35	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	100	32	15	7	2	*	*	29	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	100	26	12	6	1	*	*	23	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	100	21	9	4	1	*	*	16	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	96	16	7	3	1	*	*	9	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	74	11	5	2	*	*	*	2	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	51	6	3	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	26	2	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	28.0	20.9	17.5	14.9	11.0	8.6	5.9	17.5	7.8	6.1	5.0	3.8	3.1	2.3	7.0	7.0	7.0	6.9	6.2	5.4	4.2

* 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	MZ Class								JA Class									
	PSA Prepayment Assumption								PSA Prepayment Assumption									
	0%	100%	151%	200%	300%	400%	600%		0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	104	104	104	104	96	92	91	89	89	89	89	89	89	89	89
May 2020	108	108	108	108	108	108	108	91	79	74	69	69	69	69	69	48	14	
May 2021	113	113	113	113	113	113	113	86	62	52	42	42	42	42	17	0	0	
May 2022	117	117	117	117	117	117	117	81	45	31	17	17	17	17	0	0	0	
May 2023	122	122	122	122	122	122	122	75	30	12	0	0	0	0	0	0	0	
May 2024	127	127	127	127	127	127	89	69	15	0	0	0	0	0	0	0	0	
May 2025	132	132	132	132	132	132	56	63	*	0	0	0	0	0	0	0	0	
May 2026	138	138	138	138	138	112	35	57	0	0	0	0	0	0	0	0	0	
May 2027	143	143	143	143	143	82	22	50	0	0	0	0	0	0	0	0	0	
May 2028	149	149	149	149	119	61	13	43	0	0	0	0	0	0	0	0	0	
May 2029	155	155	155	155	95	45	8	35	0	0	0	0	0	0	0	0	0	
May 2030	161	161	161	161	75	33	5	27	0	0	0	0	0	0	0	0	0	
May 2031	167	167	167	137	59	24	3	19	0	0	0	0	0	0	0	0	0	
May 2032	167	167	167	115	46	17	2	10	0	0	0	0	0	0	0	0	0	
May 2033	167	167	153	97	36	13	1	*	0	0	0	0	0	0	0	0	0	
May 2034	167	167	132	81	28	9	1	0	0	0	0	0	0	0	0	0	0	
May 2035	167	167	114	67	22	7	*	0	0	0	0	0	0	0	0	0	0	
May 2036	167	167	97	56	17	5	*	0	0	0	0	0	0	0	0	0	0	
May 2037	167	149	83	46	13	3	*	0	0	0	0	0	0	0	0	0	0	
May 2038	167	130	70	37	10	2	*	0	0	0	0	0	0	0	0	0	0	
May 2039	167	112	58	30	7	2	*	0	0	0	0	0	0	0	0	0	0	
May 2040	167	95	48	24	5	1	*	0	0	0	0	0	0	0	0	0	0	
May 2041	167	80	39	19	4	1	*	0	0	0	0	0	0	0	0	0	0	
May 2042	167	65	30	14	3	1	*	0	0	0	0	0	0	0	0	0	0	
May 2043	167	52	23	11	2	*	*	0	0	0	0	0	0	0	0	0	0	
May 2044	167	39	17	8	1	*	*	0	0	0	0	0	0	0	0	0	0	
May 2045	167	28	12	5	1	*	*	0	0	0	0	0	0	0	0	0	0	
May 2046	124	17	7	3	*	*	*	0	0	0	0	0	0	0	0	0	0	
May 2047	64	7	3	1	*	*	*	0	0	0	0	0	0	0	0	0	0	
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																		
Life (years)**	28.7	23.2	19.8	17.2	13.3	10.7	7.4	8.5	3.8	3.1	2.7	2.7	2.7	2.7	2.7	2.2	1.9	1.6

Date	VJ Class										JZ Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	92	92	92	92	92	92	92	92	92	92	103	103	103	103	103	103	103	103	103	103
May 2020	85	85	85	85	85	85	85	85	85	85	106	106	106	106	106	106	106	106	106	106
May 2021	77	77	77	77	77	77	77	77	77	0	109	109	109	109	109	109	109	109	101	32
May 2022	68	68	68	68	68	68	68	0	0	0	113	113	113	113	113	113	113	100	40	5
May 2023	60	60	60	36	36	36	36	0	0	0	116	116	116	116	116	116	116	57	16	1
May 2024	51	51	20	0	0	0	0	0	0	0	120	120	120	93	93	93	93	32	6	*
May 2025	42	42	0	0	0	0	0	0	0	0	123	123	93	67	67	67	67	18	2	*
May 2026	33	0	0	0	0	0	0	0	0	0	127	112	61	47	47	47	47	10	1	*
May 2027	23	0	0	0	0	0	0	0	0	0	131	84	34	34	34	34	34	6	*	*
May 2028	13	0	0	0	0	0	0	0	0	0	135	57	24	24	24	24	24	3	*	*
May 2029	3	0	0	0	0	0	0	0	0	0	139	32	17	17	17	17	17	2	*	*
May 2030	0	0	0	0	0	0	0	0	0	0	140	12	12	12	12	12	12	1	*	*
May 2031	0	0	0	0	0	0	0	0	0	0	140	8	8	8	8	8	8	1	*	0
May 2032	0	0	0	0	0	0	0	0	0	0	140	6	6	6	6	6	6	*	*	0
May 2033	0	0	0	0	0	0	0	0	0	0	140	4	4	4	4	4	4	*	*	0
May 2034	0	0	0	0	0	0	0	0	0	0	119	3	3	3	3	3	3	*	*	0
May 2035	0	0	0	0	0	0	0	0	0	0	96	2	2	2	2	2	2	*	*	0
May 2036	0	0	0	0	0	0	0	0	0	0	72	1	1	1	1	1	1	*	*	0
May 2037	0	0	0	0	0	0	0	0	0	0	47	1	1	1	1	1	1	*	*	0
May 2038	0	0	0	0	0	0	0	0	0	0	20	1	1	1	1	1	1	*	*	0
May 2039	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2040	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2041	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2042	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2043	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2044	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2045	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2046	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	*	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	6.0	5.2	4.6	4.1	4.1	4.1	4.1	3.1	2.5	2.1	18.0	10.1	8.8	8.3	8.3	8.3	8.3	5.6	4.0	2.9

* 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	IJ† Class										ZY Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	97	95	94	93	93	93	93	93	93	93	104	104	104	104	101	98	90	76	59	35
May 2020	94	87	84	81	81	81	81	81	68	48	108	108	108	108	98	88	59	12	0	0
May 2021	92	77	71	65	65	65	65	50	28	9	113	113	113	113	94	75	23	0	0	0
May 2022	88	67	58	50	50	50	50	28	11	1	117	117	117	117	92	68	5	0	0	0
May 2023	85	57	47	37	37	37	37	16	4	*	122	122	122	122	92	66	*	0	0	0
May 2024	82	48	36	26	26	26	26	9	2	*	127	127	127	123	91	63	*	0	0	0
May 2025	78	40	26	19	19	19	19	5	1	*	132	132	132	119	86	58	*	0	0	0
May 2026	74	32	17	13	13	13	13	3	*	*	138	138	138	111	79	52	*	0	0	0
May 2027	70	24	9	9	9	9	9	2	*	*	143	143	141	102	70	46	*	0	0	0
May 2028	65	16	7	7	7	7	7	1	*	*	149	149	130	91	62	39	*	0	0	0
May 2029	61	9	5	5	5	5	5	1	*	*	155	155	119	81	53	33	*	0	0	0
May 2030	56	3	3	3	3	3	3	*	*	0	161	157	107	71	46	28	*	0	0	0
May 2031	51	2	2	2	2	2	2	*	*	0	168	144	96	62	39	23	*	0	0	0
May 2032	45	2	2	2	2	2	2	*	*	0	175	132	85	54	33	19	*	0	0	0
May 2033	40	1	1	1	1	1	1	*	*	0	182	120	75	46	27	15	*	0	0	0
May 2034	34	1	1	1	1	1	1	*	*	0	189	108	66	39	22	12	*	0	0	0
May 2035	27	1	1	1	1	1	1	*	*	0	197	97	57	33	18	10	*	0	0	0
May 2036	20	*	*	*	*	*	*	*	*	0	205	86	49	28	15	8	*	0	0	0
May 2037	13	*	*	*	*	*	*	*	*	0	214	76	42	23	12	6	*	0	0	0
May 2038	6	*	*	*	*	*	*	*	*	0	222	67	36	19	10	5	*	0	0	0
May 2039	*	*	*	*	*	*	*	*	0	0	223	58	30	15	8	4	*	0	0	0
May 2040	*	*	*	*	*	*	*	*	0	0	204	49	25	12	6	3	*	0	0	0
May 2041	*	*	*	*	*	*	*	*	0	0	184	41	20	10	4	2	*	0	0	0
May 2042	*	*	*	*	*	*	*	*	0	0	163	34	16	8	3	1	*	0	0	0
May 2043	*	*	*	*	*	*	*	*	0	0	140	27	13	6	2	1	*	0	0	0
May 2044	*	*	*	*	*	*	*	*	0	0	115	21	9	4	2	1	*	0	0	0
May 2045	*	*	*	*	*	*	*	*	0	0	89	15	6	3	1	*	*	0	0	0
May 2046	*	*	*	*	*	*	*	*	0	0	61	9	4	2	1	*	*	0	0	0
May 2047	0	0	0	0	0	0	0	*	0	0	32	4	2	1	*	*	*	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	12.3	6.2	5.2	4.7	4.7	4.7	4.7	3.4	2.6	2.1	25.8	19.3	16.5	14.1	12.0	8.7	2.3	1.4	1.1	0.9

Date	JY Class										DB Class								
	PSA Prepayment Assumption										PSA Prepayment Assumption								
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%	0%	100%	200%	300%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	100	100	100	100	100	100	100	98	96	94	91	89	87	83	76	67
May 2020	100	100	100	100	100	100	100	100	100	100	97	88	81	74	67	60	46	28	5
May 2021	100	100	100	100	100	100	100	100	100	72	23	95	78	64	51	39	28	9	0
May 2022	100	100	100	100	100	100	100	71	28	4	93	69	49	33	18	6	0	0	0
May 2023	100	100	100	93	93	93	93	41	11	1	91	60	37	18	2	0	0	0	0
May 2024	100	100	91	66	66	66	66	23	4	*	89	51	25	5	0	0	0	0	0
May 2025	100	100	66	47	47	47	47	13	2	*	86	44	16	0	0	0	0	0	0
May 2026	100	80	44	34	34	34	34	7	1	*	84	36	7	0	0	0	0	0	0
May 2027	100	60	24	24	24	24	24	4	*	*	81	30	0	0	0	0	0	0	0
May 2028	100	41	17	17	17	17	17	2	*	*	78	23	0	0	0	0	0	0	0
May 2029	100	22	12	12	12	12	12	1	*	*	75	17	0	0	0	0	0	0	0
May 2030	100	8	8	8	8	8	8	1	*	*	72	12	0	0	0	0	0	0	0
May 2031	100	6	6	6	6	6	6	*	*	0	68	6	0	0	0	0	0	0	0
May 2032	100	4	4	4	4	4	4	*	*	0	64	2	0	0	0	0	0	0	0
May 2033	100	3	3	3	3	3	3	*	*	0	61	0	0	0	0	0	0	0	0
May 2034	85	2	2	2	2	2	2	*	*	0	56	0	0	0	0	0	0	0	0
May 2035	69	1	1	1	1	1	1	*	*	0	52	0	0	0	0	0	0	0	0
May 2036	51	1	1	1	1	1	1	*	*	0	47	0	0	0	0	0	0	0	0
May 2037	33	1	1	1	1	1	1	*	*	0	42	0	0	0	0	0	0	0	0
May 2038	14	*	*	*	*	*	*	*	*	0	36	0	0	0	0	0	0	0	0
May 2039	*	*	*	*	*	*	*	*	*	0	30	0	0	0	0	0	0	0	0
May 2040	*	*	*	*	*	*	*	*	0	0	24	0	0	0	0	0	0	0	0
May 2041	*	*	*	*	*	*	*	*	0	0	17	0	0	0	0	0	0	0	0
May 2042	*	*	*	*	*	*	*	*	0	0	10	0	0	0	0	0	0	0	0
May 2043	*	*	*	*	*	*	*	*	0	0	3	0	0	0	0	0	0	0	0
May 2044	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0
May 2045	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0
May 2046	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																			
Life (years)**	18.0	9.8	8.4	7.7	7.7	7.7	7.7	5.2	3.7	2.8	16.0	6.6	4.3	3.2	2.7	2.3	1.9	1.5	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	DV Class									ZD Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	200%	300%	400%	500%	700%	1000%	1400%	0%	100%	200%	300%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	93	93	93	93	93	93	93	93	93	104	104	104	104	104	104	104	104	104
May 2020	85	85	85	85	85	85	85	85	85	108	108	108	108	108	108	108	108	108
May 2021	77	77	77	77	77	77	77	0	0	113	113	113	113	113	113	113	104	30
May 2022	69	69	69	69	69	69	0	0	0	117	117	117	117	117	117	106	41	5
May 2023	60	60	60	60	60	0	0	0	0	122	122	122	122	122	121	60	16	1
May 2024	52	52	52	52	0	0	0	0	0	127	127	127	127	122	83	34	6	*
May 2025	42	42	42	15	0	0	0	0	0	132	132	132	132	91	56	19	2	*
May 2026	33	33	33	0	0	0	0	0	0	138	138	138	112	67	39	11	1	*
May 2027	23	23	22	0	0	0	0	0	0	143	143	143	90	50	26	6	*	*
May 2028	12	12	0	0	0	0	0	0	0	149	149	133	71	37	18	3	*	*
May 2029	1	1	0	0	0	0	0	0	0	155	155	113	57	27	12	2	*	*
May 2030	0	0	0	0	0	0	0	0	0	156	156	96	45	20	8	1	*	*
May 2031	0	0	0	0	0	0	0	0	0	156	156	82	36	15	6	1	*	0
May 2032	0	0	0	0	0	0	0	0	0	156	156	69	28	11	4	*	*	0
May 2033	0	0	0	0	0	0	0	0	0	156	145	58	22	8	2	*	*	0
May 2034	0	0	0	0	0	0	0	0	0	156	130	49	17	6	2	*	*	0
May 2035	0	0	0	0	0	0	0	0	0	156	116	41	13	4	1	*	*	0
May 2036	0	0	0	0	0	0	0	0	0	156	103	34	10	3	1	*	*	0
May 2037	0	0	0	0	0	0	0	0	0	156	90	28	8	2	*	*	*	0
May 2038	0	0	0	0	0	0	0	0	0	156	79	23	6	1	*	*	*	0
May 2039	0	0	0	0	0	0	0	0	0	156	68	18	5	1	*	*	*	0
May 2040	0	0	0	0	0	0	0	0	0	156	58	15	3	1	*	*	*	0
May 2041	0	0	0	0	0	0	0	0	0	156	49	12	2	*	*	*	0	0
May 2042	0	0	0	0	0	0	0	0	0	156	40	9	2	*	*	*	0	0
May 2043	0	0	0	0	0	0	0	0	0	156	32	7	1	*	*	*	0	0
May 2044	0	0	0	0	0	0	0	0	0	136	25	5	1	*	*	*	0	0
May 2045	0	0	0	0	0	0	0	0	0	105	18	3	1	*	*	*	0	0
May 2046	0	0	0	0	0	0	0	0	0	72	11	2	*	*	*	*	0	0
May 2047	0	0	0	0	0	0	0	0	0	37	5	1	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	6.0	6.0	5.8	5.1	4.4	3.8	3.1	2.5	2.0	27.8	20.7	15.0	11.5	9.2	7.6	5.6	4.0	2.9

Date	DY Class									BA Class									
	PSA Prepayment Assumption									PSA Prepayment Assumption									
	0%	100%	200%	300%	400%	500%	700%	1000%	1400%	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	100	100	100	100	100	100	98	95	93	93	93	93	93	93	93	92
May 2020	100	100	100	100	100	100	100	100	100	95	86	81	81	81	81	81	71	53	30
May 2021	100	100	100	100	100	100	100	67	20	92	76	65	65	65	64	53	34	11	0
May 2022	100	100	100	100	100	100	68	26	3	89	65	51	51	51	43	31	12	0	0
May 2023	100	100	100	100	100	77	39	10	*	86	56	38	38	38	28	16	0	0	0
May 2024	100	100	100	100	78	53	22	4	*	83	46	27	27	27	16	5	0	0	0
May 2025	100	100	100	90	58	36	12	2	*	79	38	17	17	17	7	0	0	0	0
May 2026	100	100	100	72	43	25	7	1	*	76	29	10	10	10	1	0	0	0	0
May 2027	100	100	100	58	32	17	4	*	*	72	22	4	4	4	0	0	0	0	0
May 2028	100	100	85	46	24	11	2	*	*	68	14	0	0	0	0	0	0	0	0
May 2029	100	100	73	36	17	8	1	*	*	64	7	0	0	0	0	0	0	0	0
May 2030	100	100	62	29	13	5	1	*	*	59	*	0	0	0	0	0	0	0	0
May 2031	100	100	53	23	9	4	*	*	0	54	0	0	0	0	0	0	0	0	0
May 2032	100	100	44	18	7	2	*	*	0	49	0	0	0	0	0	0	0	0	0
May 2033	100	93	37	14	5	2	*	*	0	44	0	0	0	0	0	0	0	0	0
May 2034	100	83	31	11	4	1	*	*	0	38	0	0	0	0	0	0	0	0	0
May 2035	100	74	26	9	3	1	*	*	0	32	0	0	0	0	0	0	0	0	0
May 2036	100	66	22	7	2	*	*	*	0	26	0	0	0	0	0	0	0	0	0
May 2037	100	58	18	5	1	*	*	*	0	19	0	0	0	0	0	0	0	0	0
May 2038	100	51	15	4	1	*	*	*	0	12	0	0	0	0	0	0	0	0	0
May 2039	100	44	12	3	1	*	*	*	0	4	0	0	0	0	0	0	0	0	0
May 2040	100	37	9	2	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	100	31	7	2	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	100	26	6	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	100	21	4	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	87	16	3	1	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	68	11	2	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	46	7	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	24	3	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																			
Life (years)**	27.8	20.7	14.6	10.8	8.5	7.0	5.1	3.7	2.7	12.9	5.9	4.4	4.4	4.4	3.9	3.3	2.6	2.1	1.7

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.
 ** Determined as specified under “Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates” in the REMIC Prospectus.

Date	BD Class										BZ Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	100	100	100	100	100	100	100	100	104	104	104	104	104	104	104	104	104
May 2020	100	100	100	100	100	100	100	100	100	100	100	107	107	107	107	107	107	107	107	107
May 2021	100	100	100	100	100	100	100	100	100	100	42	111	111	111	111	111	111	111	111	111
May 2022	100	100	100	100	100	100	100	100	60	0	115	115	115	115	115	115	115	115	115	79
May 2023	100	100	100	100	100	100	100	95	16	0	119	119	119	119	119	119	119	119	119	12
May 2024	100	100	100	100	100	100	100	48	0	0	123	123	123	123	123	123	123	123	104	2
May 2025	100	100	100	100	100	100	87	21	0	0	128	128	128	128	128	128	128	128	41	*
May 2026	100	100	100	100	100	100	55	5	0	0	132	132	132	132	132	132	132	132	16	*
May 2027	100	100	100	100	100	74	32	0	0	0	137	137	137	137	137	137	137	103	6	*
May 2028	100	100	93	93	93	50	17	0	0	0	142	142	142	142	142	142	142	58	2	*
May 2029	100	100	69	69	69	32	6	0	0	0	147	147	147	147	147	147	147	33	1	*
May 2030	100	100	49	49	49	19	0	0	0	0	152	152	152	152	152	152	136	18	*	*
May 2031	100	59	34	34	34	9	0	0	0	0	158	158	158	158	158	158	92	10	*	*
May 2032	100	22	22	22	22	1	0	0	0	0	163	163	163	163	163	163	62	6	*	0
May 2033	100	12	12	12	12	0	0	0	0	0	169	169	169	169	169	128	41	3	*	0
May 2034	100	5	5	5	5	0	0	0	0	0	175	175	175	175	175	93	28	2	*	0
May 2035	100	0	0	0	0	0	0	0	0	0	181	166	166	166	166	67	18	1	*	0
May 2036	100	0	0	0	0	0	0	0	0	0	188	126	126	126	126	48	12	1	*	0
May 2037	100	0	0	0	0	0	0	0	0	0	194	95	95	95	95	34	8	*	*	0
May 2038	100	0	0	0	0	0	0	0	0	0	201	71	71	71	71	24	5	*	*	0
May 2039	100	0	0	0	0	0	0	0	0	0	208	52	52	52	52	17	3	*	*	0
May 2040	74	0	0	0	0	0	0	0	0	0	216	38	38	38	38	12	2	*	*	0
May 2041	19	0	0	0	0	0	0	0	0	0	223	28	28	28	28	8	1	*	*	0
May 2042	0	0	0	0	0	0	0	0	0	0	19	19	19	19	19	5	1	*	*	0
May 2043	0	0	0	0	0	0	0	0	0	0	13	13	13	13	13	3	*	*	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	9	9	9	9	9	2	*	*	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	1	*	*	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	1	*	*	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	22.5	13.5	12.4	12.4	12.4	10.4	8.5	6.2	4.3	3.0	23.8	20.0	20.0	20.0	20.0	17.2	14.3	10.3	6.9	4.4

Date	ZB Class										IB† Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	95	90	84	75	57	30	0	99	97	96	94	94	93	91	88	83	77
May 2020	107	107	107	78	63	42	14	0	0	0	98	92	88	83	80	77	72	63	50	34
May 2021	111	111	111	57	31	0	0	0	0	0	96	85	77	68	64	58	50	36	20	6
May 2022	115	115	115	44	12	0	0	0	0	0	95	78	68	56	51	43	34	21	8	1
May 2023	119	119	119	37	2	0	0	0	0	0	94	72	60	46	40	32	24	12	3	*
May 2024	123	123	123	36	*	0	0	0	0	0	92	66	52	37	31	24	16	7	1	*
May 2025	128	128	124	34	*	0	0	0	0	0	90	61	46	31	25	18	11	4	*	*
May 2026	132	132	121	32	*	0	0	0	0	0	89	56	40	25	19	13	8	2	*	*
May 2027	137	137	116	30	*	0	0	0	0	0	87	51	35	20	15	10	5	1	*	*
May 2028	142	142	108	27	*	0	0	0	0	0	85	47	30	16	12	7	3	1	*	*
May 2029	147	147	100	24	*	0	0	0	0	0	83	42	26	13	9	5	2	*	*	*
May 2030	152	152	91	21	*	0	0	0	0	0	80	39	23	11	7	4	2	*	*	0
May 2031	158	158	83	18	*	0	0	0	0	0	78	35	20	9	6	3	1	*	*	0
May 2032	163	161	74	15	*	0	0	0	0	0	75	32	17	7	4	2	1	*	*	0
May 2033	169	148	65	13	*	0	0	0	0	0	73	28	14	6	3	2	*	*	*	0
May 2034	175	135	57	11	*	0	0	0	0	0	70	25	12	4	3	1	*	*	*	0
May 2035	181	122	50	9	*	0	0	0	0	0	66	23	10	3	2	1	*	*	*	0
May 2036	188	110	43	7	*	0	0	0	0	0	63	20	9	3	1	1	*	*	*	0
May 2037	194	98	37	6	*	0	0	0	0	0	59	18	7	2	1	*	*	*	*	0
May 2038	201	86	31	5	*	0	0	0	0	0	56	15	6	2	1	*	*	*	*	0
May 2039	208	75	26	4	*	0	0	0	0	0	52	13	5	1	1	*	*	*	0	0
May 2040	216	65	22	3	*	0	0	0	0	0	47	11	4	1	*	*	*	*	0	0
May 2041	223	55	17	2	*	0	0	0	0	0	43	10	3	1	*	*	*	*	0	0
May 2042	221	45	14	2	*	0	0	0	0	0	38	8	3	1	*	*	*	*	0	0
May 2043	190	36	11	1	*	0	0	0	0	0	32	6	2	*	*	*	*	*	0	0
May 2044	157	28	8	1	*	0	0	0	0	0	27	5	1	*	*	*	*	*	0	0
May 2045	121	20	5	1	*	0	0	0	0	0	21	3	1	*	*	*	*	*	0	0
May 2046	84	13	3	*	*	0	0	0	0	0	14	2	1	*	*	*	*	*	0	0
May 2047	43	6	1	*	*	0	0	0	0	0	7	1	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	27.1	20.9	16.3	6.6	2.5	1.8	1.4	1.1	0.8	0.6	19.6	10.9	8.1	5.9	5.2	4.5	3.7	2.9	2.2	1.7

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.
 ** Determined as specified under “Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates” in the REMIC Prospectus.
 † In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

Date	BC Class										NA Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	130%	175%	215%	300%	400%	500%	700%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
May 2019	98	96	94	94	94	94	94	94	94	93	97	93	92	92	92	92	92	92	92	
May 2020	96	88	84	84	84	84	84	75	59	40	94	82	79	79	79	79	75	66	49	
May 2021	93	79	70	70	70	69	60	43	23	6	91	69	64	64	64	58	43	30	6	
May 2022	91	70	58	58	58	51	40	24	8	0	88	57	50	50	50	37	19	4	0	
May 2023	88	62	47	47	47	37	27	13	2	0	84	46	37	37	37	19	1	0	0	
May 2024	85	54	37	37	37	27	18	6	0	0	80	35	25	25	25	5	0	0	0	
May 2025	82	46	28	28	28	20	12	3	0	0	77	25	14	14	14	0	0	0	0	
May 2026	79	39	22	22	22	14	7	1	0	0	72	15	4	4	4	0	0	0	0	
May 2027	76	32	17	17	17	10	4	0	0	0	68	6	0	0	0	0	0	0	0	
May 2028	72	26	12	12	12	7	2	0	0	0	63	0	0	0	0	0	0	0	0	
May 2029	68	19	9	9	9	4	1	0	0	0	59	0	0	0	0	0	0	0	0	
May 2030	64	14	7	7	7	3	0	0	0	0	53	0	0	0	0	0	0	0	0	
May 2031	60	8	5	5	5	1	0	0	0	0	48	0	0	0	0	0	0	0	0	
May 2032	56	3	3	3	3	*	0	0	0	0	42	0	0	0	0	0	0	0	0	
May 2033	51	2	2	2	2	0	0	0	0	0	36	0	0	0	0	0	0	0	0	
May 2034	46	1	1	1	1	0	0	0	0	0	30	0	0	0	0	0	0	0	0	
May 2035	41	0	0	0	0	0	0	0	0	0	23	0	0	0	0	0	0	0	0	
May 2036	36	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	
May 2037	30	0	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	
May 2038	23	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	0	0	0	
May 2039	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2040	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2041	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																				
Life (years)**	14.2	6.9	5.5	5.5	5.5	4.7	4.0	3.1	2.4	1.9	11.9	4.8	4.2	4.2	4.2	3.4	2.8	2.5	2.0	

Date	NY Class										ZN Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	130%	175%	215%	300%	400%	500%	700%	0%	100%	130%	175%	215%	300%	400%	500%	700%		
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
May 2019	100	100	100	100	100	100	100	100	100	104	104	104	96	90	77	61	45	13		
May 2020	100	100	100	100	100	100	100	100	100	107	107	107	86	66	27	0	0	0		
May 2021	100	100	100	100	100	100	100	100	100	111	111	111	72	39	0	0	0	0		
May 2022	100	100	100	100	100	100	100	100	64	115	115	115	63	20	0	0	0	0		
May 2023	100	100	100	100	100	100	100	74	36	119	119	119	58	8	0	0	0	0		
May 2024	100	100	100	100	100	100	76	51	20	123	123	123	55	2	0	0	0	0		
May 2025	100	100	100	100	100	88	56	35	12	128	128	128	56	*	0	0	0	0		
May 2026	100	100	100	100	100	70	42	24	7	132	132	130	56	*	0	0	0	0		
May 2027	100	100	91	91	91	56	31	16	4	137	137	130	55	*	0	0	0	0		
May 2028	100	95	77	77	77	45	23	11	2	142	142	127	53	*	0	0	0	0		
May 2029	100	79	64	64	64	35	17	7	1	147	147	123	50	*	0	0	0	0		
May 2030	100	64	54	54	54	28	12	5	1	152	152	117	47	*	0	0	0	0		
May 2031	100	50	45	45	45	22	9	3	*	158	158	110	43	*	0	0	0	0		
May 2032	100	38	38	38	38	17	6	2	*	163	159	103	40	*	0	0	0	0		
May 2033	100	31	31	31	31	14	5	1	*	169	149	95	36	*	0	0	0	0		
May 2034	100	26	26	26	26	11	3	1	*	175	138	87	32	*	0	0	0	0		
May 2035	100	21	21	21	21	8	2	1	*	181	126	79	29	*	0	0	0	0		
May 2036	100	17	17	17	17	6	2	*	*	188	115	71	25	*	0	0	0	0		
May 2037	100	14	14	14	14	5	1	*	*	194	104	63	22	*	0	0	0	0		
May 2038	100	11	11	11	11	4	1	*	*	201	92	55	19	*	0	0	0	0		
May 2039	84	9	9	9	9	3	1	*	*	208	81	48	16	*	0	0	0	0		
May 2040	67	7	7	7	7	2	*	*	*	216	70	41	14	*	0	0	0	0		
May 2041	48	6	6	6	6	1	*	*	*	223	60	34	11	*	0	0	0	0		
May 2042	29	4	4	4	4	1	*	*	*	231	49	28	9	*	0	0	0	0		
May 2043	8	3	3	3	3	1	*	*	*	240	40	22	7	*	0	0	0	0		
May 2044	2	2	2	2	2	*	*	*	*	209	30	17	5	*	0	0	0	0		
May 2045	1	1	1	1	1	*	*	*	*	162	21	12	4	*	0	0	0	0		
May 2046	1	1	1	1	1	*	*	*	*	111	13	7	2	*	0	0	0	0		
May 2047	*	*	*	*	*	*	*	*	*	58	5	3	1	*	0	0	0	0		
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weighted Average																				
Life (years)**	22.9	14.3	13.8	13.8	13.8	10.7	8.4	6.9	5.0	27.8	21.3	19.0	11.1	2.8	1.5	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.

Date	JC, JI† and JB Classes										JV Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	97	94	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93
May 2020	93	83	79	79	79	79	79	69	47	20	85	85	85	85	85	85	85	85	85	85
May 2021	90	70	62	62	62	62	52	22	0	0	77	77	77	77	77	77	77	77	26	0
May 2022	86	57	45	45	45	45	24	0	0	0	69	69	69	69	69	69	69	15	0	0
May 2023	82	44	30	30	30	30	4	0	0	0	60	60	60	60	60	60	60	0	0	0
May 2024	78	33	16	16	16	16	0	0	0	0	51	51	51	51	51	51	0	0	0	0
May 2025	73	21	4	4	4	4	0	0	0	0	42	42	42	42	42	42	0	0	0	0
May 2026	68	11	0	0	0	0	0	0	0	0	33	33	0	0	0	0	0	0	0	0
May 2027	63	1	0	0	0	0	0	0	0	0	23	23	0	0	0	0	0	0	0	0
May 2028	58	0	0	0	0	0	0	0	0	0	13	0	0	0	0	0	0	0	0	0
May 2029	52	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0
May 2030	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2031	40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2032	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2033	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2034	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2035	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2036	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2037	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	10.7	4.7	3.8	3.8	3.8	3.8	3.1	2.4	1.9	1.6	6.0	5.8	5.3	5.3	5.3	5.3	4.4	3.3	2.7	2.2

Date	ZV Class										IW† Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	103	103	103	103	103	103	103	103	103	103	98	96	95	95	95	95	95	95	95	95
May 2020	107	107	107	107	107	107	107	107	107	107	95	89	86	86	86	86	86	79	64	45
May 2021	110	110	110	110	110	110	110	110	110	38	93	79	74	74	74	74	67	46	27	8
May 2022	114	114	114	114	114	114	114	114	48	6	90	70	62	62	62	62	48	26	10	1
May 2023	118	118	118	118	118	118	118	69	19	1	88	62	52	52	52	52	34	15	4	*
May 2024	121	121	121	121	121	112	39	7	*	*	85	54	42	42	42	42	25	8	2	*
May 2025	126	126	126	126	126	126	80	22	3	*	82	46	34	34	34	34	17	5	1	*
May 2026	130	130	124	124	124	124	57	12	1	*	78	39	27	27	27	27	12	3	*	*
May 2027	134	134	99	99	99	99	41	7	*	*	75	32	22	22	22	22	9	2	*	*
May 2028	138	116	79	79	79	79	29	4	*	*	71	25	17	17	17	17	6	1	*	*
May 2029	143	87	63	63	63	63	20	2	*	*	67	19	14	14	14	14	4	*	*	*
May 2030	144	59	50	50	50	50	14	1	*	*	63	13	11	11	11	11	3	*	*	0
May 2031	144	39	39	39	39	39	10	1	*	0	59	9	9	9	9	9	2	*	*	0
May 2032	144	31	31	31	31	31	7	*	*	0	54	7	7	7	7	7	2	*	*	0
May 2033	144	24	24	24	24	24	5	*	*	0	49	5	5	5	5	5	1	*	*	0
May 2034	144	19	19	19	19	19	3	*	*	0	44	4	4	4	4	4	1	*	*	0
May 2035	144	15	15	15	15	15	2	*	*	0	39	3	3	3	3	3	1	*	*	0
May 2036	144	11	11	11	11	11	2	*	*	0	33	2	2	2	2	2	*	*	*	0
May 2037	123	9	9	9	9	9	1	*	*	0	27	2	2	2	2	2	*	*	*	0
May 2038	93	7	7	7	7	7	1	*	*	0	20	1	1	1	1	1	*	*	*	0
May 2039	62	5	5	5	5	5	1	*	*	0	13	1	1	1	1	1	*	*	0	0
May 2040	28	4	4	4	4	4	*	*	*	0	6	1	1	1	1	1	*	*	0	0
May 2041	3	3	3	3	3	3	*	*	0	0	1	1	1	1	1	1	*	*	0	0
May 2042	2	2	2	2	2	2	*	*	0	0	*	*	*	*	*	*	*	*	0	0
May 2043	1	1	1	1	1	1	*	*	0	0	*	*	*	*	*	*	*	*	0	0
May 2044	1	1	1	1	1	1	*	*	0	0	*	*	*	*	*	*	*	*	0	0
May 2045	1	1	1	1	1	1	*	*	0	0	*	*	*	*	*	*	*	*	0	0
May 2046	*	*	*	*	*	*	*	*	0	0	*	*	*	*	*	*	*	*	0	0
May 2047	*	*	*	*	*	*	*	*	0	0	*	*	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	20.7	12.7	12.1	12.1	12.1	12.1	8.7	5.9	4.2	3.0	13.8	7.1	6.2	6.2	6.2	6.2	4.7	3.3	2.6	2.0

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.
 ** Determined as specified under “Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates” in the REMIC Prospectus.
 † In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

Date	ZW Class										JL Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	100	97	93	82	63	40	9	100	100	100	100	100	100	100	100	100	100
May 2020	108	108	108	95	82	68	30	0	0	0	100	100	100	100	100	100	100	100	100	100
May 2021	113	113	113	87	61	37	0	0	0	0	100	100	100	100	100	100	100	100	84	27
May 2022	117	117	117	81	47	16	0	0	0	0	100	100	100	100	100	100	100	84	33	4
May 2023	122	122	122	79	40	4	0	0	0	0	100	100	100	100	100	100	100	48	13	1
May 2024	127	127	127	79	37	*	0	0	0	0	100	100	100	100	100	100	78	27	5	*
May 2025	132	132	130	80	36	*	0	0	0	0	100	100	100	100	100	100	56	15	2	*
May 2026	138	138	130	78	35	*	0	0	0	0	100	100	86	86	86	86	40	9	1	*
May 2027	143	143	126	74	33	*	0	0	0	0	100	100	69	69	69	69	28	5	*	*
May 2028	149	149	120	69	30	*	0	0	0	0	100	80	55	55	55	55	20	3	*	*
May 2029	155	155	113	64	27	*	0	0	0	0	100	60	44	44	44	44	14	2	*	*
May 2030	161	161	105	58	24	*	0	0	0	0	100	41	35	35	35	35	10	1	*	*
May 2031	168	161	97	52	21	*	0	0	0	0	100	27	27	27	27	27	7	*	*	0
May 2032	175	150	88	46	18	*	0	0	0	0	100	21	21	21	21	21	5	*	*	0
May 2033	182	138	80	41	16	*	0	0	0	0	100	17	17	17	17	17	3	*	*	0
May 2034	189	127	71	36	14	*	0	0	0	0	100	13	13	13	13	13	2	*	*	0
May 2035	197	115	63	31	12	*	0	0	0	0	100	10	10	10	10	10	2	*	*	0
May 2036	205	104	55	27	10	*	0	0	0	0	100	8	8	8	8	8	1	*	*	0
May 2037	214	93	48	23	8	*	0	0	0	0	85	6	6	6	6	6	1	*	*	0
May 2038	222	82	41	19	7	*	0	0	0	0	65	5	5	5	5	5	1	*	*	0
May 2039	231	72	35	16	5	*	0	0	0	0	43	3	3	3	3	3	*	*	*	0
May 2040	241	62	30	13	4	*	0	0	0	0	20	3	3	3	3	3	*	*	*	0
May 2041	241	52	24	10	3	*	0	0	0	0	2	2	2	2	2	2	*	*	0	0
May 2042	213	43	20	8	3	*	0	0	0	0	1	1	1	1	1	1	*	*	0	0
May 2043	183	35	15	6	2	*	0	0	0	0	1	1	1	1	1	1	*	*	0	0
May 2044	151	27	11	4	1	*	0	0	0	0	1	1	1	1	1	1	*	*	0	0
May 2045	117	19	8	3	1	*	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2046	81	12	5	2	1	*	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2047	42	6	2	1	*	*	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	26.7	20.4	17.4	13.1	7.2	2.7	1.6	1.1	0.9	0.7	20.7	12.5	11.6	11.6	11.6	11.6	8.2	5.5	3.9	2.9

Date	CD, CI† and CG Classes										CM Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	96	94	94	94	94	94	94	94	94	100	100	100	100	100	100	100	100	100	100
May 2020	97	89	84	84	84	84	84	78	61	39	100	100	100	100	100	100	100	100	100	100
May 2021	95	80	70	70	70	70	61	43	21	2	100	100	100	100	100	100	100	100	100	100
May 2022	93	71	57	57	57	52	40	22	5	0	100	100	100	100	100	100	100	100	100	22
May 2023	91	63	46	46	46	37	26	10	0	0	100	100	100	100	100	100	100	100	74	3
May 2024	89	55	36	36	36	26	16	3	0	0	100	100	100	100	100	100	100	100	29	1
May 2025	87	48	27	27	27	18	9	0	0	0	100	100	100	100	100	100	100	89	11	*
May 2026	85	41	20	20	20	12	4	0	0	0	100	100	100	100	100	100	100	51	4	*
May 2027	82	34	15	15	15	7	1	0	0	0	100	100	100	100	100	100	100	29	2	*
May 2028	80	28	10	10	10	4	0	0	0	0	100	100	100	100	100	100	82	16	1	*
May 2029	77	23	7	7	7	1	0	0	0	0	100	100	100	100	100	100	56	9	*	*
May 2030	74	18	4	4	4	0	0	0	0	0	100	100	100	100	100	91	38	5	*	*
May 2031	70	13	2	2	2	0	0	0	0	0	100	100	100	100	100	67	25	3	*	*
May 2032	67	8	*	*	*	0	0	0	0	0	100	100	100	100	100	49	17	2	*	0
May 2033	63	4	0	0	0	0	0	0	0	0	100	100	78	78	78	36	11	1	*	0
May 2034	59	*	0	0	0	0	0	0	0	0	100	100	60	60	60	26	8	*	*	0
May 2035	55	0	0	0	0	0	0	0	0	0	100	46	46	46	46	19	5	*	*	0
May 2036	51	0	0	0	0	0	0	0	0	0	100	35	35	35	35	13	3	*	*	0
May 2037	46	0	0	0	0	0	0	0	0	0	100	26	26	26	26	9	2	*	*	0
May 2038	41	0	0	0	0	0	0	0	0	0	100	20	20	20	20	7	1	*	*	0
May 2039	35	0	0	0	0	0	0	0	0	0	100	14	14	14	14	5	1	*	*	0
May 2040	29	0	0	0	0	0	0	0	0	0	100	11	11	11	11	3	1	*	*	0
May 2041	23	0	0	0	0	0	0	0	0	0	100	8	8	8	8	2	*	*	*	0
May 2042	17	0	0	0	0	0	0	0	0	0	100	5	5	5	5	1	*	*	0	0
May 2043	9	0	0	0	0	0	0	0	0	0	100	4	4	4	4	1	*	*	0	0
May 2044	2	0	0	0	0	0	0	0	0	0	100	2	2	2	2	1	*	*	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	16.7	7.2	5.2	5.2	5.2	4.6	3.9	3.0	2.4	1.9	26.6	18.2	17.6	17.6	17.6	14.8	12.1	8.6	5.8	3.8

* Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.
 ** Determined as specified under “Yield, Maturity and Prepayment Considerations—Weighted Average Lives and Final Distribution Dates” in the REMIC Prospectus.
 † In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

Date	CF and CS Classes										IP† Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	175%	275%	325%	400%	500%	700%	1000%	1400%	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	93	89	84	77	63	41	11	98	95	95	94	94	94	94	94	94	94
May 2020	100	100	100	76	65	47	25	0	0	0	95	88	85	83	83	83	83	80	67	47
May 2021	100	100	100	56	36	6	0	0	0	0	92	78	72	68	68	68	66	48	28	9
May 2022	100	100	100	43	17	0	0	0	0	0	89	68	60	55	55	55	49	27	11	1
May 2023	100	100	100	34	6	0	0	0	0	0	86	59	49	43	43	43	36	16	4	*
May 2024	100	100	100	29	1	0	0	0	0	0	83	51	39	33	33	33	26	9	2	*
May 2025	100	100	100	28	*	0	0	0	0	0	79	42	29	25	25	25	18	5	1	*
May 2026	100	100	97	26	*	0	0	0	0	0	76	34	21	19	19	19	13	3	*	*
May 2027	100	100	93	24	*	0	0	0	0	0	72	27	14	14	14	14	9	2	*	*
May 2028	100	100	87	21	*	0	0	0	0	0	68	20	11	11	11	11	7	1	*	*
May 2029	100	100	80	19	*	0	0	0	0	0	63	13	8	8	8	8	5	1	*	*
May 2030	100	100	73	17	*	0	0	0	0	0	59	7	6	6	6	6	3	*	*	0
May 2031	100	100	66	14	*	0	0	0	0	0	54	5	5	5	5	5	2	*	*	0
May 2032	100	100	59	12	*	0	0	0	0	0	49	4	4	4	4	4	2	*	*	0
May 2033	100	100	52	10	*	0	0	0	0	0	44	3	3	3	3	3	1	*	*	0
May 2034	100	100	46	9	*	0	0	0	0	0	38	2	2	2	2	2	1	*	*	0
May 2035	100	98	40	7	*	0	0	0	0	0	32	2	2	2	2	2	1	*	*	0
May 2036	100	88	35	6	*	0	0	0	0	0	25	1	1	1	1	1	*	*	*	0
May 2037	100	78	30	5	*	0	0	0	0	0	19	1	1	1	1	1	*	*	*	0
May 2038	100	69	25	4	*	0	0	0	0	0	11	1	1	1	1	1	*	*	*	0
May 2039	100	60	21	3	*	0	0	0	0	0	5	1	1	1	1	1	*	*	0	0
May 2040	100	52	17	2	*	0	0	0	0	0	3	*	*	*	*	*	*	*	0	0
May 2041	100	43	14	2	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2042	100	36	11	1	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2043	100	29	8	1	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2044	100	22	6	1	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2045	98	16	4	*	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2046	67	10	3	*	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2047	35	4	1	*	*	0	0	0	0	0	*	*	*	*	*	*	*	*	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	28.5	22.6	16.2	6.0	2.7	1.9	1.5	1.1	0.9	0.7	12.9	6.5	5.6	5.3	5.3	5.3	4.7	3.4	2.6	2.0

Date	ZJ Class									
	PSA Prepayment Assumption									
	0%	100%	150%	200%	250%	300%	450%	700%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	103	100	96	87	71	52	25
May 2020	108	108	108	103	92	81	48	7	0	0
May 2021	113	113	113	103	81	60	14	0	0	0
May 2022	117	117	117	103	75	48	3	0	0	0
May 2023	122	122	122	106	72	42	*	0	0	0
May 2024	127	127	127	106	70	39	*	0	0	0
May 2025	132	132	132	104	67	36	*	0	0	0
May 2026	138	138	135	98	62	32	*	0	0	0
May 2027	143	143	135	91	56	28	*	0	0	0
May 2028	149	149	127	83	50	24	*	0	0	0
May 2029	155	155	117	75	43	20	*	0	0	0
May 2030	161	159	107	66	37	17	*	0	0	0
May 2031	168	151	96	58	32	14	*	0	0	0
May 2032	175	139	86	51	27	11	*	0	0	0
May 2033	182	127	77	44	23	9	*	0	0	0
May 2034	189	115	68	38	19	7	*	0	0	0
May 2035	197	104	59	32	16	6	*	0	0	0
May 2036	205	93	52	27	13	5	*	0	0	0
May 2037	214	82	45	23	10	4	*	0	0	0
May 2038	222	72	38	19	8	3	*	0	0	0
May 2039	226	63	32	15	7	2	*	0	0	0
May 2040	218	54	27	13	5	2	*	0	0	0
May 2041	206	46	22	10	4	1	*	0	0	0
May 2042	182	38	18	8	3	1	*	0	0	0
May 2043	156	30	14	6	2	1	*	0	0	0
May 2044	129	23	10	4	2	*	*	0	0	0
May 2045	100	17	7	3	1	*	*	0	0	0
May 2046	69	11	4	2	1	*	*	0	0	0
May 2047	36	5	2	1	*	*	*	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0
Weighted Average										
Life (years)**	26.3	19.8	16.9	14.6	10.2	6.4	2.0	1.3	1.0	0.8

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

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

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

Characteristics of the Residual Classes

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

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

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections and Special Tax Attributes

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

Taxation of Beneficial Owners of Regular Certificates

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

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

<u>Group</u>	<u>Prepayment Assumption</u>
1	190% PSA
2	152% PSA
3	275% PSA
4	151% PSA
5	392% PSA
6	151% PSA
7	151% PSA
8	250% PSA
9	300% PSA
10	275% PSA
11	175% PSA
12	250% PSA
13	275% PSA

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

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

Taxation of Beneficial Owners of Residual Certificates

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

The TCJA generally denies a deduction for an individual, trust or estate that holds a Residual Certificate of its allocable share of the REMIC’s fees or expenses under Section 212 of the Code for any taxable year beginning after December 31, 2017, and before January 1, 2026. Prospective

investors in Residual Certificates are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situations.

Taxation of Beneficial Owners of RCR Certificates

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

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

Tax Audit Procedures

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

Foreign Investors

Beginning on January 1, 2019, a 30-percent United States withholding tax (“FATCA withholding”) will apply to gross proceeds from the sale or other disposition of a Regular Certificate that are paid to a non-U.S. entity that is a “financial institution” and fails to comply with certain reporting and other requirements or to a non-U.S. entity that is not a “financial institution” but fails to disclose the identity of its direct or indirect “substantial U.S. owners” or to

certify that it has no such owners. FATCA withholding currently applies to payments treated as interest on a Regular Certificate paid to such persons. Various exceptions may apply. You should consult your own tax advisor regarding the potential application and impact of this withholding tax based on your particular circumstances. See “Material Federal Income Tax Consequences—Foreign Investors” in the REMIC Prospectus.

ADDITIONAL ERISA CONSIDERATIONS

The following discussion supplements the discussion under “ERISA Considerations” in the REMIC Prospectus regarding important considerations for investors subject to ERISA or section 4975 of the Code. None of Fannie Mae, the Dealers or any of their respective affiliates (collectively, the “Transaction Parties”) is undertaking to provide impartial investment advice, or to give advice in a fiduciary capacity, in connection with the acquisition of Certificates by any “plan” or any purchaser using assets of a plan, as described in 29 C.F.R. Section 2510.3-101, as modified by Section 3(42) of ERISA (collectively a “plan investor”). In addition, each beneficial owner of Certificates or any interest therein that is a plan investor, including any fiduciary purchasing the Certificates on behalf of a plan investor (“Plan Fiduciary”), will be deemed by its acquisition of the Certificates to represent that:

1. If any of the Transaction Parties has provided, or will provide, advice with respect to the acquisition of the Certificates by the plan investor, it has or will provide advice only to a Plan Fiduciary that is independent of the Transaction Parties giving such advice, if any, and that is one of the following:
 - a bank as defined in Section 202 of the Investment Advisers Act of 1940 (the “Advisers Act”), or a similar institution that is regulated and supervised and subject to periodic examination by a State or federal agency;
 - an insurance carrier that is qualified under the laws of more than one State to perform the services of managing, acquiring or disposing of assets of a plan investor;
 - an investment adviser registered under the Advisers Act or, if not registered as an investment adviser under the Advisers Act by reason of paragraph (1) of Section 203A of the Advisers Act, registered as an investment adviser under the laws of the State in which it maintains its principal office and place of business;
 - a broker-dealer registered under the Exchange Act; or
 - a fiduciary that, for so long as the plan investor is invested in the Certificates, will have total assets of at least \$50,000,000 under its management or control (provided that this requirement will not be satisfied if the Plan Fiduciary is either (i) the owner or a relative of the owner of an investing IRA or (ii) a participant or beneficiary or a relative of such participant or beneficiary of the plan investor investing in the Certificates in such capacity).
2. The Plan Fiduciary is capable of evaluating investment risks independently, both in general and with respect to particular transactions and investment strategies, including the acquisition by the plan investor of the Certificates.
3. The Plan Fiduciary is a “fiduciary” with respect to the plan investor within the meaning of section 3(21) of ERISA or section 4975 of the Code, or both, and an “independent fiduciary” within the meaning of the Fiduciary Rule, and is responsible for exercising independent judgment in evaluating the plan investor’s acquisition of the Certificates.
4. None of the Transaction Parties has exercised any authority to cause the plan investor to invest in the Certificates or to negotiate the terms of the plan investor’s investment in the Certificates.

5. Neither the plan investor nor the Plan Fiduciary is paying or has paid a fee or other compensation to any of the Transaction Parties for investment advice (as opposed to other services) in connection with the plan investor's acquisition or holding of the Certificates
6. The Plan Fiduciary has been informed by the Transaction Parties:
 - that none of the Transaction Parties is undertaking to provide impartial investment advice or to give advice in a fiduciary capacity in connection with the plan investor's acquisition of the Certificates; and
 - of the existence and nature of the Transaction Parties' financial interests in the plan investor's acquisition of the Certificates.

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

PLAN OF DISTRIBUTION

We are obligated to deliver the Certificates to Wells Fargo Bank, N.A. (the "Dealer") in exchange for the MBS. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

CREDIT RISK RETENTION

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

EUROPEAN ECONOMIC AREA RISK RETENTION

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

The application of Articles 404-410 of the European Union Capital Requirements Regulation 575/2013 and similar European Economic Area ("EEA") legislation on risk retention requirements (the "EEA Risk Retention Regulations") to the certificates transaction (the "Transaction") is unclear.

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

In determining the extent to which the EEA Risk Retention Regulations apply to the Transaction, investors subject to the EEA Risk Retention Regulations may wish to consider the guidance appearing in the preamble to the regulatory technical standards contained in Commission Delegated Regulation (EU) No. 625/2014 of March 13, 2014, which provides in relevant part: "Where an entity securitises its own liabilities, alignment of interest is established automatically,

regardless of whether the final debtor collateralises its debt. Where it is clear that the credit risk remains with the originator the retention of interest by the originator is unnecessary, and would not improve on the pre-existing position.” We will remain fully liable under the Guaranty Obligations. We do not intend to collateralize any of our credit exposure under the Guaranty Obligations or the certificates.

In order to assist Applicable Investors (as defined below) in evaluating a potential investment in the certificates, we will enter into a letter agreement on the settlement date pursuant to which we will irrevocably undertake to the certificateholders that, in connection with the EEA Risk Retention Regulations, at the origination and on an ongoing basis, so long as any certificates remain outstanding:

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

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

Prospective investors should also be aware that a new regulatory regime (the “Securitization Regulation”) will generally apply from and after January 1, 2019 to securitizations in which securities are issued after that date. The Securitization Regulation will apply to the types of regulated investors covered by the EEA Risk Retention Regulations and also to (a) UCITS and UCITS management companies, and (b) institutions for occupational retirement provision falling within the scope of Directive (EU) 2016/2341 (subject to certain exceptions), and certain investment managers and authorized entities appointed by such institutions (together, “IORPs”). With regard to securitizations in respect of which the relevant securities are issued before January 1, 2019 (“Pre-2019 Securitizations”), investors that are subject to the EEA Risk Retention Regulations will continue to be subject to the risk retention and due diligence requirements of the EEA Risk Retention Regulations, including on and after that date. The Securitization Regulation makes no express provision for the application of any requirements of the EEA Risk Retention

Regulations or of the Securitization Regulation to UCITS or IORPs that hold or acquire any interest in respect of a Pre-2019 Securitization and, accordingly, it is not clear what requirements (if any) will be applicable to those investors. Prospective investors are themselves responsible for monitoring and assessing changes to the EEA Risk Retention Regulations and their regulatory capital requirements.

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

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

Schedule 1

Available Recombinations(1)

	REMIC Certificates		RCR Certificates						
	Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
A-1	Recombination 1								
	PM	\$ 6,417,000	PQ	\$16,417,000	PAC	3.50%	FIX	3136B16Y5	June 2048
	PN	10,000,000							
	Recombination 2								
	VL	25,647,000	LW(3)	63,960,096	SEQ	4.00	FIX	3136B16Z2	June 2048
	LZ	38,313,096							
	Recombination 3								
	VY	7,733,000	YW(3)	19,285,000	SEQ	4.00	FIX	3136B17B4	June 2048
	YZ	11,552,000							
	Recombination 4								
	LD	31,320,000	LE	31,320,000	SEQ/AD	3.00	FIX	3136B17A6	January 2047
	LI	5,220,000(4)							
	Recombination 5								
	VJ	4,700,000	JY(3)	16,368,000	PAC/AD	3.00	FIX	3136B17C2	June 2048
	JZ	11,668,000							
	Recombination 6								
	DV	3,936,000	DY(3)	10,981,577	SEQ	4.00	FIX	3136B17D0	June 2048
	ZD	7,045,577							
	Recombination 7								
	BA	37,920,177	BC	43,795,143	PAC/AD	3.50	FIX	3136B17E8	December 2047
	BD	5,874,966							
	Recombination 8								
	JV	3,504,000	JL(3)	11,457,000	PAC/AD	3.25	FIX	3136B17F5	June 2048
	ZV	7,953,000							
	Recombination 9								
	JC	25,000,000	JB	25,000,000	PAC/AD	3.25	FIX	3136B17G3	August 2043
	JI	1,562,500(4)							
	Recombination 10								
IJ	10,342,000(4)	IP(5)	17,177,687(4)	NTL	4.00	FIX/IO	3136B17H1	June 2048	
IW	6,835,687(4)								

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 11								
ZY	\$12,437,000	ZJ(6)	\$20,163,000	SUP	4.00%	FIX/Z	3136B17J7	June 2048
ZW	7,726,000							
Recombination 12								
CD	27,037,690	CG	27,037,690	PAC	3.50	FIX	3136B17K4	October 2047
CI	3,379,711(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 2 from the LZ Accrual Amount, in Recombination 3 from the YZ Accrual Amount, in Recombination 5 from the JZ Accrual Amount, in Recombination 6 from the ZD Accrual Amount and in Recombination 8 from the ZV Accrual Amount, respectively, will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.
- (4) Notional principal balances. These Classes are Interest Only Classes. See page S-6 for a description of how their notional principal balances are calculated.
- (5) The IP Class is an RCR Class formed by a combination of the IJ Class in Group 8 and the IW Class in Group 12.
- (6) The ZJ Class is an RCR Class formed by a combination of the ZY Class in Group 8 and the ZW Class in Group 12.

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	\$63,417,000.00	January 2023	\$39,299,794.00	September 2027	\$18,798,222.47
June 2018	63,257,850.22	February 2023	38,853,348.87	October 2027	18,523,258.07
July 2018	63,082,274.50	March 2023	38,410,093.07	November 2027	18,252,014.55
August 2018	62,890,342.00	April 2023	37,970,005.04	December 2027	17,984,443.66
September 2018	62,682,132.44	May 2023	37,533,063.42	January 2028	17,720,497.76
October 2018	62,457,736.14	June 2023	37,099,246.94	February 2028	17,460,129.81
November 2018	62,217,253.88	July 2023	36,668,534.51	March 2028	17,203,293.38
December 2018	61,960,796.91	August 2023	36,240,905.14	April 2028	16,949,942.59
January 2019	61,688,486.85	September 2023	35,816,338.02	May 2028	16,700,032.19
February 2019	61,400,455.59	October 2023	35,394,812.44	June 2028	16,453,517.46
March 2019	61,096,845.23	November 2023	34,976,307.85	July 2028	16,210,354.27
April 2019	60,777,807.95	December 2023	34,560,803.84	August 2028	15,970,499.04
May 2019	60,443,505.89	January 2024	34,148,280.10	September 2028	15,733,908.75
June 2019	60,094,111.03	February 2024	33,738,716.50	October 2028	15,500,540.90
July 2019	59,729,805.06	March 2024	33,332,093.01	November 2028	15,270,353.56
August 2019	59,350,779.20	April 2024	32,928,389.75	December 2028	15,043,305.32
September 2019	58,957,234.07	May 2024	32,527,586.95	January 2029	14,819,355.28
October 2019	58,549,379.50	June 2024	32,129,665.00	February 2029	14,598,463.08
November 2019	58,127,434.37	July 2024	31,734,604.40	March 2029	14,380,588.86
December 2019	57,691,626.38	August 2024	31,342,385.78	April 2029	14,165,693.26
January 2020	57,242,191.87	September 2024	30,952,989.90	May 2029	13,953,737.44
February 2020	56,779,375.64	October 2024	30,566,397.65	June 2029	13,744,683.03
March 2020	56,303,430.68	November 2024	30,182,590.05	July 2029	13,538,492.16
April 2020	55,814,617.96	December 2024	29,801,548.22	August 2029	13,335,127.43
May 2020	55,313,206.19	January 2025	29,423,253.45	September 2029	13,134,551.93
June 2020	54,799,471.60	February 2025	29,047,687.11	October 2029	12,936,729.21
July 2020	54,273,697.63	March 2025	28,674,830.71	November 2029	12,741,623.27
August 2020	53,736,174.73	April 2025	28,304,665.90	December 2029	12,549,198.60
September 2020	53,187,200.04	May 2025	27,937,174.41	January 2030	12,359,420.10
October 2020	52,642,105.25	June 2025	27,572,338.14	February 2030	12,172,253.16
November 2020	52,100,864.28	July 2025	27,210,139.06	March 2030	11,987,663.57
December 2020	51,563,451.21	August 2025	26,850,559.31	April 2030	11,805,617.58
January 2021	51,029,840.32	September 2025	26,493,581.09	May 2030	11,626,081.86
February 2021	50,500,006.02	October 2025	26,139,186.78	June 2030	11,449,023.50
March 2021	49,973,922.93	November 2025	25,787,358.83	July 2030	11,274,410.02
April 2021	49,451,565.79	December 2025	25,438,079.82	August 2030	11,102,209.35
May 2021	48,932,909.55	January 2026	25,091,332.45	September 2030	10,932,389.83
June 2021	48,417,929.30	February 2026	24,747,099.54	October 2030	10,764,920.18
July 2021	47,906,600.31	March 2026	24,405,364.00	November 2030	10,599,769.55
August 2021	47,398,897.99	April 2026	24,066,108.88	December 2030	10,436,907.48
September 2021	46,894,797.93	May 2026	23,729,317.33	January 2031	10,276,303.87
October 2021	46,394,275.88	June 2026	23,394,972.60	February 2031	10,117,929.02
November 2021	45,897,307.75	July 2026	23,063,058.07	March 2031	9,961,753.63
December 2021	45,403,869.59	August 2026	22,733,557.22	April 2031	9,807,748.75
January 2022	44,913,937.64	September 2026	22,406,453.64	May 2031	9,655,885.78
February 2022	44,427,488.28	October 2026	22,082,842.44	June 2031	9,506,136.54
March 2022	43,944,498.02	November 2026	21,763,581.57	July 2031	9,358,473.16
April 2022	43,464,943.58	December 2026	21,448,614.85	August 2031	9,212,868.14
May 2022	42,988,801.79	January 2027	21,137,886.78	September 2031	9,069,294.35
June 2022	42,516,049.64	February 2027	20,831,342.59	October 2031	8,927,724.98
July 2022	42,046,664.29	March 2027	20,528,928.16	November 2031	8,788,133.57
August 2022	41,580,623.03	April 2027	20,230,590.10	December 2031	8,650,494.02
September 2022	41,117,903.32	May 2027	19,936,275.66	January 2032	8,514,780.52
October 2022	40,658,482.74	June 2027	19,645,932.77	February 2032	8,380,967.63
November 2022	40,202,339.04	July 2027	19,359,510.01	March 2032	8,249,030.23
December 2022	39,749,450.11	August 2027	19,076,956.62	April 2032	8,118,943.49

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>
May 2032	\$ 7,990,682.93	April 2037	\$ 2,926,354.88	March 2042	\$ 835,945.38
June 2032	7,864,224.37	May 2037	2,872,789.78	April 2042	814,777.61
July 2032	7,739,543.95	June 2037	2,820,024.66	May 2042	793,958.70
August 2032	7,616,618.10	July 2037	2,768,048.58	June 2042	773,483.66
September 2032	7,495,423.56	August 2037	2,716,850.75	July 2042	753,347.57
October 2032	7,375,937.37	September 2037	2,666,420.51	August 2042	733,545.55
November 2032	7,258,136.86	October 2037	2,616,747.34	September 2042	714,072.82
December 2032	7,141,999.66	November 2037	2,567,820.86	October 2042	694,924.63
January 2033	7,027,503.66	December 2037	2,519,630.82	November 2042	676,096.33
February 2033	6,914,627.07	January 2038	2,472,167.12	December 2042	657,583.30
March 2033	6,803,348.36	February 2038	2,425,419.78	January 2043	639,381.00
April 2033	6,693,646.28	March 2038	2,379,378.94	February 2043	621,484.95
May 2033	6,585,499.84	April 2038	2,334,034.89	March 2043	603,890.72
June 2033	6,478,888.33	May 2038	2,289,378.04	April 2043	586,593.95
July 2033	6,373,791.32	June 2038	2,245,398.92	May 2043	569,590.34
August 2033	6,270,188.63	July 2038	2,202,088.19	June 2043	552,875.63
September 2033	6,168,060.32	August 2038	2,159,436.62	July 2043	536,445.63
October 2033	6,067,386.74	September 2038	2,117,435.12	August 2043	520,296.22
November 2033	5,968,148.48	October 2038	2,076,074.71	September 2043	504,423.31
December 2033	5,870,326.36	November 2038	2,035,346.53	October 2043	488,822.88
January 2034	5,773,901.48	December 2038	1,995,241.83	November 2043	473,490.97
February 2034	5,678,855.17	January 2039	1,955,751.98	December 2043	458,423.65
March 2034	5,585,168.98	February 2039	1,916,868.46	January 2044	443,617.07
April 2034	5,492,824.72	March 2039	1,878,582.87	February 2044	429,067.41
May 2034	5,401,804.44	April 2039	1,840,886.91	March 2044	414,770.92
June 2034	5,312,090.40	May 2039	1,803,772.40	April 2044	400,723.89
July 2034	5,223,665.10	June 2039	1,767,231.26	May 2044	386,922.66
August 2034	5,136,511.27	July 2039	1,731,255.51	June 2044	373,363.63
September 2034	5,050,611.85	August 2039	1,695,837.29	July 2044	360,043.23
October 2034	4,965,950.02	September 2039	1,660,968.84	August 2044	346,957.95
November 2034	4,882,509.15	October 2039	1,626,642.50	September 2044	334,104.34
December 2034	4,800,272.84	November 2039	1,592,850.70	October 2044	321,478.97
January 2035	4,719,224.92	December 2039	1,559,585.98	November 2044	309,078.48
February 2035	4,639,349.38	January 2040	1,526,840.99	December 2044	296,899.53
March 2035	4,560,630.48	February 2040	1,494,608.46	January 2045	284,938.87
April 2035	4,483,052.62	March 2040	1,462,881.22	February 2045	273,193.24
May 2035	4,406,600.45	April 2040	1,431,652.20	March 2045	261,659.46
June 2035	4,331,258.79	May 2040	1,400,914.41	April 2045	250,334.38
July 2035	4,257,012.67	June 2040	1,370,660.98	May 2045	239,214.91
August 2035	4,183,847.32	July 2040	1,340,885.09	June 2045	228,297.97
September 2035	4,111,748.13	August 2040	1,311,580.05	July 2045	217,580.56
October 2035	4,040,700.72	September 2040	1,282,739.24	August 2045	207,059.68
November 2035	3,970,690.87	October 2040	1,254,356.12	September 2045	196,732.41
December 2035	3,901,704.55	November 2040	1,226,424.25	October 2045	186,595.84
January 2036	3,833,727.91	December 2040	1,198,937.28	November 2045	176,647.13
February 2036	3,766,747.30	January 2041	1,171,888.93	December 2045	166,883.44
March 2036	3,700,749.20	February 2041	1,145,273.01	January 2046	157,302.01
April 2036	3,635,720.32	March 2041	1,119,083.41	February 2046	147,900.08
May 2036	3,571,647.51	April 2041	1,093,314.10	March 2046	138,674.96
June 2036	3,508,517.79	May 2041	1,067,959.14	April 2046	129,623.99
July 2036	3,446,318.36	June 2041	1,043,012.65	May 2046	120,744.51
August 2036	3,385,036.59	July 2041	1,018,468.86	June 2046	112,033.96
September 2036	3,324,660.01	August 2041	994,322.03	July 2046	103,489.76
October 2036	3,265,176.30	September 2041	970,566.55	August 2046	95,109.39
November 2036	3,206,573.31	October 2041	947,196.84	September 2046	86,890.37
December 2036	3,148,839.05	November 2041	924,207.41	October 2046	78,830.24
January 2037	3,091,961.68	December 2041	901,592.86	November 2046	70,926.58
February 2037	3,035,929.53	January 2042	879,347.84	December 2046	63,177.00
March 2037	2,980,731.05	February 2042	857,467.08	January 2047	55,579.15

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>
February 2047	\$ 48,130.72	May 2047	\$ 26,659.13	August 2047	\$ 6,451.70
March 2047	40,829.40	June 2047	19,785.75	September 2047 and	
April 2047	33,672.95	July 2047	13,050.65	thereafter	0.00

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	\$51,049,956.00	July 2022	\$28,359,315.50	September 2026	\$10,691,876.21
June 2018	50,883,096.11	August 2022	27,881,327.13	October 2026	10,476,350.40
July 2018	50,698,036.19	September 2022	27,407,603.52	November 2026	10,265,023.47
August 2018	50,494,845.71	October 2022	26,938,101.84	December 2026	10,057,815.44
September 2018	50,273,610.38	November 2022	26,472,779.64	January 2027	9,854,647.83
October 2018	50,034,432.09	December 2022	26,011,594.87	February 2027	9,655,443.63
November 2018	49,777,428.87	January 2023	25,554,505.89	March 2027	9,460,127.29
December 2018	49,502,734.84	February 2023	25,101,471.43	April 2027	9,268,624.65
January 2019	49,210,500.05	March 2023	24,652,450.60	May 2027	9,080,862.95
February 2019	48,900,890.40	April 2023	24,207,402.89	June 2027	8,896,770.82
March 2019	48,574,087.45	May 2023	23,766,288.20	July 2027	8,716,278.20
April 2019	48,230,288.29	June 2023	23,329,066.76	August 2027	8,539,316.36
May 2019	47,869,705.30	July 2023	22,895,699.19	September 2027	8,365,817.87
June 2019	47,492,565.94	August 2023	22,466,146.48	October 2027	8,195,716.53
July 2019	47,099,112.51	September 2023	22,040,369.98	November 2027	8,028,947.43
August 2019	46,689,601.87	October 2023	21,618,331.39	December 2027	7,865,446.86
September 2019	46,264,305.15	November 2023	21,199,992.78	January 2028	7,705,152.29
October 2019	45,823,507.45	December 2023	20,785,316.57	February 2028	7,548,002.41
November 2019	45,367,507.47	January 2024	20,374,652.00	March 2028	7,393,937.02
December 2019	44,896,617.20	February 2024	19,971,883.86	April 2028	7,242,897.07
January 2020	44,411,161.49	March 2024	19,576,863.08	May 2028	7,094,824.63
February 2020	43,911,477.67	April 2024	19,189,443.38	June 2028	6,949,662.84
March 2020	43,397,915.16	May 2024	18,809,481.21	July 2028	6,807,355.93
April 2020	42,870,834.98	June 2024	18,436,835.68	August 2028	6,667,849.18
May 2020	42,330,609.35	July 2024	18,071,368.54	September 2028	6,531,088.88
June 2020	41,777,621.17	August 2024	17,712,944.10	October 2028	6,397,022.34
July 2020	41,212,263.56	September 2024	17,361,429.22	November 2028	6,265,597.89
August 2020	40,634,939.33	October 2024	17,016,693.24	December 2028	6,136,764.79
September 2020	40,046,060.51	November 2024	16,678,607.93	January 2029	6,010,473.30
October 2020	39,462,551.09	December 2024	16,347,047.46	February 2029	5,886,674.58
November 2020	38,884,357.93	January 2025	16,021,888.34	March 2029	5,765,320.73
December 2020	38,311,428.41	February 2025	15,703,009.39	April 2029	5,646,364.76
January 2021	37,743,710.36	March 2025	15,390,291.69	May 2029	5,529,760.56
February 2021	37,181,152.13	April 2025	15,083,618.55	June 2029	5,415,462.87
March 2021	36,623,702.52	May 2025	14,782,875.45	July 2029	5,303,427.33
April 2021	36,071,310.83	June 2025	14,487,950.02	August 2029	5,193,610.38
May 2021	35,523,926.83	July 2025	14,198,731.96	September 2029	5,085,969.29
June 2021	34,981,500.75	August 2025	13,915,113.08	October 2029	4,980,462.15
July 2021	34,443,983.29	September 2025	13,636,987.16	November 2029	4,877,047.83
August 2021	33,911,325.62	October 2025	13,364,250.01	December 2029	4,775,685.99
September 2021	33,383,479.34	November 2025	13,096,799.36	January 2030	4,676,337.04
October 2021	32,860,396.52	December 2025	12,834,534.86	February 2030	4,578,962.14
November 2021	32,342,029.67	January 2026	12,577,358.05	March 2030	4,483,523.19
December 2021	31,828,331.75	February 2026	12,325,172.30	April 2030	4,389,982.81
January 2022	31,319,256.15	March 2026	12,077,882.78	May 2030	4,298,304.33
February 2022	30,814,756.70	April 2026	11,835,396.45	June 2030	4,208,451.78
March 2022	30,314,787.65	May 2026	11,597,622.00	July 2030	4,120,389.84
April 2022	29,819,303.69	June 2026	11,364,469.85	August 2030	4,034,083.91
May 2022	29,328,259.92	July 2026	11,135,852.08	September 2030	3,949,500.00
June 2022	28,841,611.88	August 2026	10,911,682.42	October 2030	3,866,604.79

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>
November 2030	\$ 3,785,365.58	October 2035	\$ 1,029,050.78	September 2040	\$ 235,475.90
December 2030	3,705,750.30	November 2035	1,005,502.30	October 2040	229,039.07
January 2031	3,627,727.48	December 2035	982,447.62	November 2040	222,748.69
February 2031	3,551,266.26	January 2036	959,876.89	December 2040	216,601.70
March 2031	3,476,336.33	February 2036	937,780.42	January 2041	210,595.08
April 2031	3,402,908.01	March 2036	916,148.75	February 2041	204,725.90
May 2031	3,330,952.14	April 2036	894,972.57	March 2041	198,991.28
June 2031	3,260,440.13	May 2036	874,242.76	April 2041	193,388.39
July 2031	3,191,343.94	June 2036	853,950.39	May 2041	187,914.46
August 2031	3,123,636.05	July 2036	834,086.69	June 2041	182,566.79
September 2031	3,057,289.48	August 2036	814,643.05	July 2041	177,342.70
October 2031	2,992,277.73	September 2036	795,611.05	August 2041	172,239.59
November 2031	2,928,574.85	October 2036	776,982.42	September 2041	167,254.92
December 2031	2,866,155.34	November 2036	758,749.06	October 2041	162,386.17
January 2032	2,804,994.23	December 2036	740,903.02	November 2041	157,630.90
February 2032	2,745,066.97	January 2037	723,436.50	December 2041	152,986.70
March 2032	2,686,349.54	February 2037	706,341.86	January 2042	148,451.21
April 2032	2,628,818.33	March 2037	689,611.61	February 2042	144,022.14
May 2032	2,572,450.20	April 2037	673,238.40	March 2042	139,697.21
June 2032	2,517,222.44	May 2037	657,215.03	April 2042	135,474.22
July 2032	2,463,112.80	June 2037	641,534.42	May 2042	131,350.99
August 2032	2,410,099.42	July 2037	626,189.67	June 2042	127,325.39
September 2032	2,358,160.87	August 2037	611,173.97	July 2042	123,395.34
October 2032	2,307,276.15	September 2037	596,480.67	August 2042	119,558.80
November 2032	2,257,424.63	October 2037	582,103.24	September 2042	115,813.77
December 2032	2,208,586.08	November 2037	568,035.28	October 2042	112,158.28
January 2033	2,160,740.68	December 2037	554,270.51	November 2042	108,590.42
February 2033	2,113,868.96	January 2038	540,802.78	December 2042	105,108.30
March 2033	2,067,951.85	February 2038	527,626.06	January 2043	101,710.08
April 2033	2,022,970.61	March 2038	514,734.43	February 2043	98,393.95
May 2033	1,978,906.89	April 2038	502,122.10	March 2043	95,158.14
June 2033	1,935,742.67	May 2038	489,783.38	April 2043	92,000.92
July 2033	1,893,460.29	June 2038	477,712.69	May 2043	88,920.60
August 2033	1,852,042.43	July 2038	465,904.57	June 2043	85,915.49
September 2033	1,811,472.08	August 2038	454,353.68	July 2043	82,983.98
October 2033	1,771,732.58	September 2038	443,054.74	August 2043	80,124.47
November 2033	1,732,807.58	October 2038	432,002.62	September 2043	77,335.39
December 2033	1,694,681.04	November 2038	421,192.26	October 2043	74,615.21
January 2034	1,657,337.22	December 2038	410,618.73	November 2043	71,962.43
February 2034	1,620,760.71	January 2039	400,277.16	December 2043	69,375.58
March 2034	1,584,936.37	February 2039	390,162.81	January 2044	66,853.21
April 2034	1,549,849.36	March 2039	380,271.01	February 2044	64,393.92
May 2034	1,515,485.13	April 2039	370,597.19	March 2044	61,996.32
June 2034	1,481,829.40	May 2039	361,136.87	April 2044	59,659.06
July 2034	1,448,868.17	June 2039	351,885.65	May 2044	57,380.81
August 2034	1,416,587.70	July 2039	342,839.25	June 2044	55,160.28
September 2034	1,384,974.54	August 2039	333,993.43	July 2044	52,996.18
October 2034	1,354,015.46	September 2039	325,344.06	August 2044	50,887.28
November 2034	1,323,697.52	October 2039	316,887.08	September 2044	48,832.36
December 2034	1,294,008.01	November 2039	308,618.52	October 2044	46,830.21
January 2035	1,264,934.47	December 2039	300,534.48	November 2044	44,879.67
February 2035	1,236,464.69	January 2040	292,631.15	December 2044	42,979.59
March 2035	1,208,586.67	February 2040	284,904.78	January 2045	41,128.85
April 2035	1,181,288.66	March 2040	277,351.70	February 2045	39,326.34
May 2035	1,154,559.14	April 2040	269,968.32	March 2045	37,571.00
June 2035	1,128,386.81	May 2040	262,751.11	April 2045	35,861.76
July 2035	1,102,760.57	June 2040	255,696.61	May 2045	34,197.59
August 2035	1,077,669.56	July 2040	248,801.45	June 2045	32,577.49
September 2035	1,053,103.12	August 2040	242,062.30	July 2045	31,000.45

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>
August 2045	\$ 29,465.52	June 2046	\$ 16,232.22	April 2047	\$ 6,280.03
September 2045	27,971.73	July 2046	15,101.87	May 2047	5,437.56
October 2045	26,518.17	August 2046	14,003.44	June 2047	4,620.30
November 2045	25,103.92	September 2046	12,936.19	July 2047	3,827.67
December 2045	23,728.08	October 2046	11,899.42	August 2047	3,059.09
January 2046	22,389.79	November 2046	10,892.40	September 2047	2,313.97
February 2046	21,088.19	December 2046	9,914.45	October 2047	1,591.76
March 2046	19,822.45	January 2047	8,964.90	November 2047	891.93
April 2046	18,591.74	February 2047	8,043.07	December 2047	213.92
May 2046	17,395.26	March 2047	7,148.33	January 2048 and thereafter	0.00

Aggregate Group III Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$41,368,000.00	November 2021	\$23,664,729.55	May 2025	\$ 7,763,113.45
June 2018	41,240,925.27	December 2021	23,155,514.10	June 2025	7,546,956.93
July 2018	41,095,511.38	January 2022	22,651,424.58	July 2025	7,336,729.77
August 2018	40,931,789.19	February 2022	22,152,401.83	August 2025	7,132,271.12
September 2018	40,749,808.03	March 2022	21,658,387.34	September 2025	6,933,424.49
October 2018	40,549,635.79	April 2022	21,169,323.22	October 2025	6,740,037.56
November 2018	40,331,358.88	May 2022	20,685,152.22	November 2025	6,551,962.14
December 2018	40,095,082.24	June 2022	20,205,817.67	December 2025	6,369,054.01
January 2019	39,840,929.28	July 2022	19,731,263.56	January 2026	6,191,172.85
February 2019	39,569,041.80	August 2022	19,261,434.44	February 2026	6,018,182.08
March 2019	39,279,579.85	September 2022	18,796,275.47	March 2026	5,849,948.83
April 2019	38,972,721.63	October 2022	18,335,732.42	April 2026	5,686,343.81
May 2019	38,648,663.27	November 2022	17,879,751.62	May 2026	5,527,241.18
June 2019	38,307,618.62	December 2022	17,428,279.98	June 2026	5,372,518.52
July 2019	37,949,819.05	January 2023	16,981,264.99	July 2026	5,222,056.70
August 2019	37,575,513.12	February 2023	16,538,654.71	August 2026	5,075,739.80
September 2019	37,184,966.33	March 2023	16,100,397.73	September 2026	4,933,455.01
October 2019	36,778,460.75	April 2023	15,666,443.23	October 2026	4,795,092.59
November 2019	36,356,294.68	May 2023	15,236,740.91	November 2026	4,660,545.73
December 2019	35,918,782.22	June 2023	14,816,412.63	December 2026	4,529,710.52
January 2020	35,466,252.92	July 2023	14,407,534.51	January 2027	4,402,485.85
February 2020	34,999,051.26	August 2023	14,009,797.62	February 2027	4,278,773.34
March 2020	34,517,536.20	September 2023	13,622,901.31	March 2027	4,158,477.24
April 2020	34,022,080.69	October 2023	13,246,552.97	April 2027	4,041,504.42
May 2020	33,513,071.14	November 2023	12,880,467.83	May 2027	3,927,764.24
June 2020	32,990,906.85	December 2023	12,524,368.75	June 2027	3,817,168.53
July 2020	32,455,999.46	January 2024	12,177,986.04	July 2027	3,709,631.48
August 2020	31,908,772.33	February 2024	11,841,057.20	August 2027	3,605,069.60
September 2020	31,349,659.96	March 2024	11,513,326.79	September 2027	3,503,401.67
October 2020	30,779,107.29	April 2024	11,194,546.20	October 2027	3,404,548.65
November 2020	30,197,569.12	May 2024	10,884,473.52	November 2027	3,308,433.66
December 2020	29,621,987.10	June 2024	10,582,873.28	December 2027	3,214,981.86
January 2021	29,052,293.11	July 2024	10,289,516.38	January 2028	3,124,120.48
February 2021	28,488,419.82	August 2024	10,004,179.81	February 2028	3,035,778.68
March 2021	27,930,300.57	September 2024	9,726,646.60	March 2028	2,949,887.55
April 2021	27,377,869.46	October 2024	9,456,705.55	April 2028	2,866,380.05
May 2021	26,831,061.27	November 2024	9,194,151.17	May 2028	2,785,190.96
June 2021	26,289,811.51	December 2024	8,938,783.46	June 2028	2,706,256.81
July 2021	25,754,056.35	January 2025	8,690,407.82	July 2028	2,629,515.86
August 2021	25,223,732.69	February 2025	8,448,834.83	August 2028	2,554,908.03
September 2021	24,698,778.07	March 2025	8,213,880.21	September 2028	2,482,374.89
October 2021	24,179,130.73	April 2025	7,985,364.59	October 2028	2,411,859.56

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>
November 2028	\$ 2,343,306.74	October 2033	\$ 411,511.53	September 2038	\$ 63,598.79
December 2028	2,276,662.61	November 2033	399,231.37	October 2038	61,497.36
January 2029	2,211,874.80	December 2033	387,304.39	November 2038	59,459.82
February 2029	2,148,892.38	January 2034	375,720.68	December 2038	57,484.32
March 2029	2,087,665.78	February 2034	364,470.59	January 2039	55,569.05
April 2029	2,028,146.81	March 2034	353,544.74	February 2039	53,712.23
May 2029	1,970,288.55	April 2034	342,934.02	March 2039	51,912.18
June 2029	1,914,045.37	May 2034	332,629.55	April 2039	50,167.22
July 2029	1,859,372.89	June 2034	322,622.71	May 2039	48,475.74
August 2029	1,806,227.92	July 2034	312,905.12	June 2039	46,836.18
September 2029	1,754,568.45	August 2034	303,468.62	July 2039	45,247.02
October 2029	1,704,353.61	September 2034	294,305.29	August 2039	43,706.76
November 2029	1,655,543.65	October 2034	285,407.43	September 2039	42,213.98
December 2029	1,608,099.87	November 2034	276,767.53	October 2039	40,767.28
January 2030	1,561,984.67	December 2034	268,378.32	November 2039	39,365.31
February 2030	1,517,161.44	January 2035	260,232.70	December 2039	38,006.73
March 2030	1,473,594.57	February 2035	252,323.79	January 2040	36,690.29
April 2030	1,431,249.42	March 2035	244,644.90	February 2040	35,414.72
May 2030	1,390,092.31	April 2035	237,189.51	March 2040	34,178.83
June 2030	1,350,090.47	May 2035	229,951.30	April 2040	32,981.44
July 2030	1,311,212.00	June 2035	222,924.11	May 2040	31,821.41
August 2030	1,273,425.89	July 2035	216,101.95	June 2040	30,697.64
September 2030	1,236,701.98	August 2035	209,479.02	July 2040	29,609.04
October 2030	1,201,010.92	September 2035	203,049.65	August 2040	28,554.58
November 2030	1,166,324.16	October 2035	196,808.35	September 2040	27,533.23
December 2030	1,132,613.95	November 2035	190,749.78	October 2040	26,544.02
January 2031	1,099,853.26	December 2035	184,868.74	November 2040	25,585.98
February 2031	1,068,015.83	January 2036	179,160.17	December 2040	24,658.19
March 2031	1,037,076.10	February 2036	173,619.17	January 2041	23,759.75
April 2031	1,007,009.22	March 2036	168,240.96	February 2041	22,889.77
May 2031	977,791.01	April 2036	163,020.91	March 2041	22,047.40
June 2031	949,397.96	May 2036	157,954.51	April 2041	21,231.83
July 2031	921,807.18	June 2036	153,037.36	May 2041	20,442.24
August 2031	894,996.44	July 2036	148,265.21	June 2041	19,677.86
September 2031	868,944.08	August 2036	143,633.91	July 2041	18,937.92
October 2031	843,629.07	September 2036	139,139.44	August 2041	18,221.70
November 2031	819,030.93	October 2036	134,777.88	September 2041	17,528.47
December 2031	795,129.75	November 2036	130,545.43	October 2041	16,857.56
January 2032	771,906.16	December 2036	126,438.39	November 2041	16,208.27
February 2032	749,341.33	January 2037	122,453.16	December 2041	15,579.96
March 2032	727,416.93	February 2037	118,586.25	January 2042	14,971.99
April 2032	706,115.16	March 2037	114,834.26	February 2042	14,383.76
May 2032	685,418.68	April 2037	111,193.90	March 2042	13,814.65
June 2032	665,310.63	May 2037	107,661.94	April 2042	13,264.08
July 2032	645,774.63	June 2037	104,235.29	May 2042	12,731.50
August 2032	626,794.73	July 2037	100,910.89	June 2042	12,216.36
September 2032	608,355.44	August 2037	97,685.82	July 2042	11,718.12
October 2032	590,441.66	September 2037	94,557.20	August 2042	11,236.27
November 2032	573,038.74	October 2037	91,522.25	September 2042	10,770.31
December 2032	556,132.42	November 2037	88,578.28	October 2042	10,319.74
January 2033	539,708.82	December 2037	85,722.64	November 2042	9,884.11
February 2033	523,754.46	January 2038	82,952.80	December 2042	9,462.94
March 2033	508,256.23	February 2038	80,266.26	January 2043	9,055.80
April 2033	493,201.36	March 2038	77,660.61	February 2043	8,662.26
May 2033	478,577.45	April 2038	75,133.51	March 2043	8,281.89
June 2033	464,372.43	May 2038	72,682.69	April 2043	7,914.28
July 2033	450,574.59	June 2038	70,305.93	May 2043	7,559.05
August 2033	437,172.50	July 2038	68,001.07	June 2043	7,215.81
September 2033	424,155.07	August 2038	65,766.04	July 2043	6,884.19

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>
August 2043	\$ 6,563.82	October 2044	\$ 3,082.21	December 2045	\$ 988.25
September 2043	6,254.37	November 2044	2,893.97	January 2046	876.99
October 2043	5,955.47	December 2044	2,712.47	February 2046	769.98
November 2043	5,666.82	January 2045	2,537.51	March 2046	667.08
December 2043	5,388.08	February 2045	2,368.87	April 2046	568.15
January 2044	5,118.95	March 2045	2,206.34	May 2046	473.07
February 2044	4,859.13	April 2045	2,049.73	June 2046	381.71
March 2044	4,608.31	May 2045	1,898.85	July 2046	293.93
April 2044	4,366.23	June 2045	1,753.52	August 2046	209.63
May 2044	4,132.60	July 2045	1,613.55	September 2046	128.69
June 2044	3,907.16	August 2045	1,478.77	October 2046	50.98
July 2044	3,689.65	September 2045	1,349.01	November 2046 and	
August 2044	3,479.81	October 2045	1,224.11	thereafter	0.00
September 2044	3,277.41	November 2045	1,103.90		

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	\$44,425,955.00	August 2021	\$29,980,350.81	November 2024	\$14,903,695.15
June 2018	44,300,931.90	September 2021	29,519,854.98	December 2024	14,608,325.72
July 2018	44,159,986.16	October 2021	29,063,562.84	January 2025	14,318,645.13
August 2018	44,003,162.64	November 2021	28,611,432.96	February 2025	14,034,545.90
September 2018	43,830,520.37	December 2021	28,163,424.28	March 2025	13,755,922.56
October 2018	43,642,132.54	January 2022	27,719,496.16	April 2025	13,482,671.59
November 2018	43,438,086.51	February 2022	27,279,608.30	May 2025	13,214,691.42
December 2018	43,218,483.71	March 2022	26,843,720.79	June 2025	12,951,882.37
January 2019	42,983,439.64	April 2022	26,411,794.09	July 2025	12,694,146.60
February 2019	42,733,083.73	May 2022	25,983,789.05	August 2025	12,441,388.12
March 2019	42,467,559.25	June 2022	25,559,666.87	September 2025	12,193,512.72
April 2019	42,187,023.17	July 2022	25,139,389.09	October 2025	11,950,427.94
May 2019	41,891,646.05	August 2022	24,722,917.66	November 2025	11,712,043.08
June 2019	41,581,611.80	September 2022	24,310,214.83	December 2025	11,478,269.08
July 2019	41,257,117.54	October 2022	23,901,243.26	January 2026	11,249,018.59
August 2019	40,918,373.38	November 2022	23,495,965.90	February 2026	11,024,205.87
September 2019	40,565,602.17	December 2022	23,094,346.10	March 2026	10,803,746.79
October 2019	40,199,039.24	January 2023	22,696,347.51	April 2026	10,587,558.78
November 2019	39,818,932.16	February 2023	22,301,934.15	May 2026	10,375,560.83
December 2019	39,425,540.44	March 2023	21,911,070.36	June 2026	10,167,673.42
January 2020	39,019,135.18	April 2023	21,523,720.81	July 2026	9,963,818.55
February 2020	38,599,998.79	May 2023	21,139,850.52	August 2026	9,763,919.65
March 2020	38,168,424.63	June 2023	20,759,424.81	September 2026	9,567,901.59
April 2020	37,724,716.63	July 2023	20,382,409.35	October 2026	9,375,690.66
May 2020	37,269,188.92	August 2023	20,008,770.11	November 2026	9,187,214.51
June 2020	36,802,165.45	September 2023	19,638,473.40	December 2026	9,002,402.16
July 2020	36,323,979.54	October 2023	19,271,485.81	January 2027	8,821,183.94
August 2020	35,834,973.51	November 2023	18,907,774.28	February 2027	8,643,491.50
September 2020	35,335,498.19	December 2023	18,547,306.04	March 2027	8,469,257.76
October 2020	34,825,912.50	January 2024	18,190,048.63	April 2027	8,298,416.91
November 2020	34,321,012.91	February 2024	17,835,969.88	May 2027	8,130,904.36
December 2020	33,820,753.49	March 2024	17,485,037.94	June 2027	7,966,656.74
January 2021	33,325,088.73	April 2024	17,140,035.38	July 2027	7,805,611.85
February 2021	32,833,973.53	May 2024	16,801,658.28	August 2027	7,647,708.68
March 2021	32,347,363.23	June 2024	16,469,781.72	September 2027	7,492,887.35
April 2021	31,865,213.58	July 2024	16,144,283.11	October 2027	7,341,089.10
May 2021	31,387,480.73	August 2024	15,825,042.12	November 2027	7,192,256.29
June 2021	30,914,121.27	September 2024	15,511,940.69	December 2027	7,046,332.35
July 2021	30,445,092.17	October 2024	15,204,862.94	January 2028	6,903,261.75

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>
February 2028	\$ 6,762,990.05	January 2033	\$ 1,947,101.75	December 2037	\$ 504,551.30
March 2028	6,625,463.79	February 2033	1,905,097.78	January 2038	492,413.65
April 2028	6,490,630.53	March 2033	1,863,946.05	February 2038	480,536.84
May 2028	6,358,438.82	April 2033	1,823,629.91	March 2038	468,915.60
June 2028	6,228,838.18	May 2033	1,784,132.99	April 2038	457,544.75
July 2028	6,101,779.05	June 2033	1,745,439.27	May 2038	446,419.20
August 2028	5,977,212.84	July 2033	1,707,533.02	June 2038	435,533.99
September 2028	5,855,091.84	August 2033	1,670,398.82	July 2038	424,884.23
October 2028	5,735,369.27	September 2033	1,634,021.52	August 2038	414,465.14
November 2028	5,617,999.19	October 2033	1,598,386.28	September 2038	404,272.03
December 2028	5,502,936.57	November 2033	1,563,478.55	October 2038	394,300.30
January 2029	5,390,137.20	December 2033	1,529,284.05	November 2038	384,545.43
February 2029	5,279,557.69	January 2034	1,495,788.76	December 2038	375,003.01
March 2029	5,171,155.50	February 2034	1,462,978.95	January 2039	365,668.71
April 2029	5,064,888.87	March 2034	1,430,841.13	February 2039	356,538.27
May 2029	4,960,716.82	April 2034	1,399,362.11	March 2039	347,607.54
June 2029	4,858,599.17	May 2034	1,368,528.89	April 2039	338,872.42
July 2029	4,758,496.48	June 2034	1,338,328.78	May 2039	330,328.91
August 2029	4,660,370.04	July 2034	1,308,749.30	June 2039	321,973.10
September 2029	4,564,181.89	August 2034	1,279,778.21	July 2039	313,801.12
October 2029	4,469,894.79	September 2034	1,251,403.52	August 2039	305,809.21
November 2029	4,377,472.18	October 2034	1,223,613.45	September 2039	297,993.68
December 2029	4,286,878.21	November 2034	1,196,396.47	October 2039	290,350.89
January 2030	4,198,077.69	December 2034	1,169,741.26	November 2039	282,877.30
February 2030	4,111,036.11	January 2035	1,143,636.71	December 2039	275,569.41
March 2030	4,025,719.60	February 2035	1,118,071.94	January 2040	268,423.83
April 2030	3,942,094.94	March 2035	1,093,036.25	February 2040	261,437.19
May 2030	3,860,129.52	April 2035	1,068,519.19	March 2040	254,606.22
June 2030	3,779,791.38	May 2035	1,044,510.47	April 2040	247,927.71
July 2030	3,701,049.13	June 2035	1,021,000.03	May 2040	241,398.49
August 2030	3,623,871.98	July 2035	997,977.97	June 2040	235,015.49
September 2030	3,548,229.74	August 2035	975,434.61	July 2040	228,775.66
October 2030	3,474,092.77	September 2035	953,360.45	August 2040	222,676.05
November 2030	3,401,432.01	October 2035	931,746.17	September 2040	216,713.74
December 2030	3,330,218.93	November 2035	910,582.61	October 2040	210,885.89
January 2031	3,260,425.56	December 2035	889,860.83	November 2040	205,189.68
February 2031	3,192,024.45	January 2036	869,572.03	December 2040	199,622.39
March 2031	3,124,988.66	February 2036	849,707.58	January 2041	194,181.33
April 2031	3,059,291.78	March 2036	830,259.03	February 2041	188,863.86
May 2031	2,994,907.89	April 2036	811,218.10	March 2041	183,667.41
June 2031	2,931,811.56	May 2036	792,576.64	April 2041	178,589.45
July 2031	2,869,977.85	June 2036	774,326.69	May 2041	173,627.50
August 2031	2,809,382.28	July 2036	756,460.42	June 2041	168,779.12
September 2031	2,750,000.85	August 2036	738,970.17	July 2041	164,041.95
October 2031	2,691,810.00	September 2036	721,848.41	August 2041	159,413.64
November 2031	2,634,786.64	October 2036	705,087.78	September 2041	154,891.91
December 2031	2,578,908.09	November 2036	688,681.04	October 2041	150,474.52
January 2032	2,524,152.12	December 2036	672,621.10	November 2041	146,159.27
February 2032	2,470,496.92	January 2037	656,901.01	December 2041	141,944.02
March 2032	2,417,921.08	February 2037	641,513.94	January 2042	137,826.64
April 2032	2,366,403.63	March 2037	626,453.22	February 2042	133,805.09
May 2032	2,315,923.95	April 2037	611,712.29	March 2042	129,877.32
June 2032	2,266,461.87	May 2037	597,284.71	April 2042	126,041.35
July 2032	2,217,997.55	June 2037	583,164.18	May 2042	122,295.25
August 2032	2,170,511.56	July 2037	569,344.53	June 2042	118,637.10
September 2032	2,123,984.84	August 2037	555,819.69	July 2042	115,065.03
October 2032	2,078,398.67	September 2037	542,583.72	August 2042	111,577.22
November 2032	2,033,734.71	October 2037	529,630.78	September 2042	108,171.88
December 2032	1,989,974.95	November 2037	516,955.18	October 2042	104,847.24

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>
November 2042	\$ 101,601.58	September 2044	\$ 47,100.67	July 2046	\$ 16,129.25
December 2042	98,433.23	October 2044	45,268.37	August 2046	15,115.52
January 2043	95,340.51	November 2044	43,482.74	September 2046	14,130.11
February 2043	92,321.82	December 2044	41,742.75	October 2046	13,172.36
March 2043	89,375.57	January 2045	40,047.39	November 2046	12,241.63
April 2043	86,500.20	February 2045	38,395.68	December 2046	11,337.31
May 2043	83,694.19	March 2045	36,786.65	January 2047	10,458.79
June 2043	80,956.05	April 2045	35,219.34	February 2047	9,605.46
July 2043	78,284.31	May 2045	33,692.83	March 2047	8,776.75
August 2043	75,677.55	June 2045	32,206.22	April 2047	7,972.08
September 2043	73,134.35	July 2045	30,758.60	May 2047	7,190.90
October 2043	70,653.34	August 2045	29,349.12	June 2047	6,432.65
November 2043	68,233.18	September 2045	27,976.90	July 2047	5,696.81
December 2043	65,872.55	October 2045	26,641.13	August 2047	4,982.84
January 2044	63,570.15	November 2045	25,340.98	September 2047	4,290.23
February 2044	61,324.72	December 2045	24,075.64	October 2047	3,618.47
March 2044	59,135.01	January 2046	22,844.34	November 2047	2,967.09
April 2044	56,999.81	February 2046	21,646.30	December 2047	2,335.59
May 2044	54,917.94	March 2046	20,480.77	January 2048	1,723.50
June 2044	52,888.22	April 2046	19,347.02	February 2048	1,130.37
July 2044	50,909.51	May 2046	18,244.31	March 2048	555.74
August 2044	48,980.69	June 2046	17,171.96	April 2048 and thereafter	0.00

Aggregate Group V Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$60,360,000.00	November 2020	\$48,973,571.59	May 2023	\$35,042,312.39
June 2018	60,178,546.87	December 2020	48,461,483.33	June 2023	34,625,343.15
July 2018	59,981,952.05	January 2021	47,952,913.14	July 2023	34,211,197.58
August 2018	59,770,289.05	February 2021	47,447,835.51	August 2023	33,799,854.89
September 2018	59,543,641.47	March 2021	46,946,225.11	September 2023	33,391,294.42
October 2018	59,302,102.97	April 2021	46,448,056.77	October 2023	32,985,495.67
November 2018	59,045,777.21	May 2021	45,953,305.51	November 2023	32,582,438.26
December 2018	58,774,777.76	June 2021	45,461,946.51	December 2023	32,182,101.97
January 2019	58,489,228.04	July 2021	44,973,955.11	January 2024	31,784,466.69
February 2019	58,189,261.23	August 2021	44,489,306.83	February 2024	31,389,512.47
March 2019	57,875,020.15	September 2021	44,007,977.35	March 2024	30,997,219.49
April 2019	57,546,657.16	October 2021	43,529,942.52	April 2024	30,607,568.04
May 2019	57,204,334.03	November 2021	43,055,178.36	May 2024	30,220,538.58
June 2019	56,848,221.81	December 2021	42,583,661.03	June 2024	29,836,111.69
July 2019	56,478,500.65	January 2022	42,115,366.87	July 2024	29,454,268.06
August 2019	56,095,359.71	February 2022	41,650,272.38	August 2024	29,074,988.54
September 2019	55,698,996.90	March 2022	41,188,354.21	September 2024	28,698,254.10
October 2019	55,289,618.80	April 2022	40,729,589.19	October 2024	28,324,045.84
November 2019	54,867,440.41	May 2022	40,273,954.28	November 2024	27,952,344.97
December 2019	54,432,684.97	June 2022	39,821,426.61	December 2024	27,583,132.85
January 2020	53,985,583.73	July 2022	39,371,983.46	January 2025	27,216,390.97
February 2020	53,526,375.79	August 2022	38,925,602.28	February 2025	26,852,100.92
March 2020	53,055,307.83	September 2022	38,482,260.66	March 2025	26,490,244.43
April 2020	52,572,633.87	October 2022	38,041,936.34	April 2025	26,130,803.35
May 2020	52,078,615.06	November 2022	37,604,607.21	May 2025	25,774,762.93
June 2020	51,573,519.42	December 2022	37,170,251.32	June 2025	25,423,254.20
July 2020	51,057,621.57	January 2023	36,738,846.86	July 2025	25,076,221.63
August 2020	50,531,202.46	February 2023	36,310,372.18	August 2025	24,733,610.37
September 2020	50,008,405.21	March 2023	35,884,805.76	September 2025	24,395,366.19
October 2020	49,489,203.60	April 2023	35,462,126.24	October 2025	24,061,435.56

Aggregate Group V (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
November 2025	\$23,731,765.55	October 2030	\$10,228,320.53	September 2035	\$ 4,063,848.05
December 2025	23,406,303.88	November 2030	10,077,767.30	October 2035	3,996,510.36
January 2026	23,084,998.90	December 2030	9,929,205.69	November 2035	3,930,110.36
February 2026	22,767,799.58	January 2031	9,782,610.75	December 2035	3,864,635.96
March 2026	22,454,655.49	February 2031	9,637,957.84	January 2036	3,800,075.26
April 2026	22,145,516.81	March 2031	9,495,222.61	February 2036	3,736,416.48
May 2026	21,840,334.33	April 2031	9,354,381.02	March 2036	3,673,647.98
June 2026	21,539,059.41	May 2031	9,215,409.30	April 2036	3,611,758.28
July 2026	21,241,644.00	June 2031	9,078,283.99	May 2036	3,550,736.04
August 2026	20,948,040.64	July 2031	8,942,981.91	June 2036	3,490,570.05
September 2026	20,658,202.42	August 2031	8,809,480.14	July 2036	3,431,249.24
October 2026	20,372,083.01	September 2031	8,677,756.08	August 2036	3,372,762.70
November 2026	20,089,636.62	October 2031	8,547,787.36	September 2036	3,315,099.61
December 2026	19,810,818.03	November 2031	8,419,551.92	October 2036	3,258,249.34
January 2027	19,535,582.54	December 2031	8,293,027.95	November 2036	3,202,201.33
February 2027	19,263,886.01	January 2032	8,168,193.89	December 2036	3,146,945.21
March 2027	18,995,684.80	February 2032	8,045,028.48	January 2037	3,092,470.69
April 2027	18,730,935.84	March 2032	7,923,510.70	February 2037	3,038,767.64
May 2027	18,469,596.53	April 2032	7,803,619.76	March 2037	2,985,826.04
June 2027	18,211,624.81	May 2032	7,685,335.17	April 2037	2,933,636.00
July 2027	17,956,979.12	June 2032	7,568,636.67	May 2037	2,882,187.74
August 2027	17,705,618.40	July 2032	7,453,504.23	June 2037	2,831,471.63
September 2027	17,457,502.08	August 2032	7,339,918.08	July 2037	2,781,478.13
October 2027	17,212,590.08	September 2032	7,227,858.70	August 2037	2,732,197.83
November 2027	16,970,842.80	October 2032	7,117,306.79	September 2037	2,683,621.44
December 2027	16,732,221.13	November 2032	7,008,243.29	October 2037	2,635,739.78
January 2028	16,496,686.42	December 2032	6,900,649.39	November 2037	2,588,543.79
February 2028	16,264,200.48	January 2033	6,794,506.48	December 2037	2,542,024.51
March 2028	16,034,725.59	February 2033	6,689,796.21	January 2038	2,496,173.10
April 2028	15,808,224.47	March 2033	6,586,500.42	February 2038	2,450,980.84
May 2028	15,584,660.32	April 2033	6,484,601.19	March 2038	2,406,439.11
June 2028	15,363,996.74	May 2033	6,384,080.83	April 2038	2,362,539.38
July 2028	15,146,197.81	June 2033	6,284,921.85	May 2038	2,319,273.25
August 2028	14,931,228.02	July 2033	6,187,106.97	June 2038	2,276,632.43
September 2028	14,719,052.29	August 2033	6,090,619.14	July 2038	2,234,608.70
October 2028	14,509,635.97	September 2033	5,995,441.49	August 2038	2,193,193.96
November 2028	14,302,944.82	October 2033	5,901,557.40	September 2038	2,152,380.24
December 2028	14,098,945.02	November 2033	5,808,950.40	October 2038	2,112,159.62
January 2029	13,897,603.16	December 2033	5,717,604.27	November 2038	2,072,524.30
February 2029	13,698,886.22	January 2034	5,627,502.96	December 2038	2,033,466.60
March 2029	13,502,761.59	February 2034	5,538,630.63	January 2039	1,994,978.89
April 2029	13,309,197.06	March 2034	5,450,971.61	February 2039	1,957,053.68
May 2029	13,118,160.79	April 2034	5,364,510.47	March 2039	1,919,683.54
June 2029	12,929,621.34	May 2034	5,279,231.91	April 2039	1,882,861.16
July 2029	12,743,547.65	June 2034	5,195,120.87	May 2039	1,846,579.30
August 2029	12,559,909.02	July 2034	5,112,162.44	June 2039	1,810,830.81
September 2029	12,378,675.14	August 2034	5,030,341.91	July 2039	1,775,608.66
October 2029	12,199,816.06	September 2034	4,949,644.75	August 2039	1,740,905.86
November 2029	12,023,302.18	October 2034	4,870,056.59	September 2039	1,706,715.56
December 2029	11,849,104.28	November 2034	4,791,563.26	October 2039	1,673,030.95
January 2030	11,677,193.47	December 2034	4,714,150.76	November 2039	1,639,845.34
February 2030	11,507,541.23	January 2035	4,637,805.25	December 2039	1,607,152.10
March 2030	11,340,119.38	February 2035	4,562,513.07	January 2040	1,574,944.69
April 2030	11,174,900.08	March 2035	4,488,260.72	February 2040	1,543,216.66
May 2030	11,011,855.81	April 2035	4,415,034.87	March 2040	1,511,961.64
June 2030	10,850,959.41	May 2035	4,342,822.36	April 2040	1,481,173.32
July 2030	10,692,184.04	June 2035	4,271,610.19	May 2040	1,450,845.50
August 2030	10,535,503.18	July 2035	4,201,385.51	June 2040	1,420,972.03
September 2030	10,380,890.64	August 2035	4,132,135.64	July 2040	1,391,546.86

Aggregate Group V (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
August 2040	\$ 1,362,564.00	February 2043	\$ 671,949.15	August 2045	\$ 245,812.00
September 2040	1,334,017.54	March 2043	654,085.84	September 2045	235,008.52
October 2040	1,305,901.65	April 2043	636,508.54	October 2045	224,392.75
November 2040	1,278,210.57	May 2043	619,213.33	November 2045	213,962.03
December 2040	1,250,938.61	June 2043	602,196.33	December 2045	203,713.72
January 2041	1,224,080.15	July 2043	585,453.72	January 2046	193,645.25
February 2041	1,197,629.66	August 2043	568,981.70	February 2046	183,754.04
March 2041	1,171,581.64	September 2043	552,776.56	March 2046	174,037.57
April 2041	1,145,930.70	October 2043	536,834.60	April 2046	164,493.35
May 2041	1,120,671.50	November 2043	521,152.20	May 2046	155,118.92
June 2041	1,095,798.77	December 2043	505,725.77	June 2046	145,911.84
July 2041	1,071,307.30	January 2044	490,551.75	July 2046	136,869.73
August 2041	1,047,191.95	February 2044	475,626.66	August 2046	127,990.21
September 2041	1,023,447.66	March 2044	460,947.04	September 2046	119,270.94
October 2041	1,000,069.41	April 2044	446,509.49	October 2046	110,709.64
November 2041	977,052.26	May 2044	432,310.64	November 2046	102,304.01
December 2041	954,391.33	June 2044	418,347.16	December 2046	94,051.82
January 2042	932,081.79	July 2044	404,615.79	January 2047	85,950.86
February 2042	910,118.88	August 2044	391,113.28	February 2047	77,998.93
March 2042	888,497.91	September 2044	377,836.44	March 2047	70,193.87
April 2042	867,214.23	October 2044	364,782.11	April 2047	62,533.57
May 2042	846,263.26	November 2044	351,947.19	May 2047	55,015.91
June 2042	825,640.49	December 2044	339,328.60	June 2047	47,638.83
July 2042	805,341.45	January 2045	326,923.31	July 2047	40,400.27
August 2042	785,361.72	February 2045	314,728.33	August 2047	33,298.23
September 2042	765,696.96	March 2045	302,740.69	September 2047	26,330.70
October 2042	746,342.86	April 2045	290,957.49	October 2047	19,495.72
November 2042	727,295.20	May 2045	279,375.84	November 2047	12,791.35
December 2042	708,549.77	June 2045	267,992.91	December 2047	6,215.67
January 2043	690,102.45	July 2045	256,805.88	January 2048 and thereafter	0.00

Aggregate Group VI Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$36,457,000.00	March 2020	\$31,905,889.11	January 2022	\$24,041,934.13
June 2018	36,364,628.13	April 2020	31,582,757.37	February 2022	23,701,709.18
July 2018	36,260,918.96	May 2020	31,250,742.64	March 2022	23,364,017.17
August 2018	36,145,896.90	June 2020	30,910,042.96	April 2022	23,028,836.38
September 2018	36,019,595.02	July 2020	30,560,862.54	May 2022	22,696,145.26
October 2018	35,882,054.99	August 2020	30,203,411.57	June 2022	22,365,922.42
November 2018	35,733,327.13	September 2020	29,837,905.99	July 2022	22,038,146.65
December 2018	35,573,470.35	October 2020	29,464,567.24	August 2022	21,712,796.89
January 2019	35,402,552.16	November 2020	29,083,622.02	September 2022	21,389,852.25
February 2019	35,220,648.56	December 2020	28,705,556.86	October 2022	21,069,292.01
March 2019	35,027,844.08	January 2021	28,330,347.32	November 2022	20,751,095.61
April 2019	34,824,231.64	February 2021	27,957,969.16	December 2022	20,435,242.64
May 2019	34,609,912.49	March 2021	27,588,398.33	January 2023	20,121,712.85
June 2019	34,384,996.16	April 2021	27,221,610.97	February 2023	19,810,486.16
July 2019	34,149,600.31	May 2021	26,857,583.39	March 2023	19,501,542.63
August 2019	33,903,850.69	June 2021	26,496,292.10	April 2023	19,194,862.49
September 2019	33,647,880.93	July 2021	26,137,713.81	May 2023	18,890,426.11
October 2019	33,381,832.51	August 2021	25,781,825.37	June 2023	18,588,214.04
November 2019	33,105,854.54	September 2021	25,428,603.84	July 2023	18,288,206.94
December 2019	32,820,103.65	October 2021	25,078,026.45	August 2023	17,990,385.65
January 2020	32,524,743.84	November 2021	24,730,070.62	September 2023	17,694,731.15
February 2020	32,219,946.26	December 2021	24,384,713.92	October 2023	17,401,224.57

Aggregate Group VI (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
November 2023	\$17,109,847.18	October 2028	\$ 5,707,770.51	September 2033	\$ 1,780,578.81
December 2023	16,820,580.41	November 2028	5,599,576.88	October 2033	1,744,423.24
January 2024	16,533,405.82	December 2028	5,493,339.66	November 2033	1,708,947.35
February 2024	16,248,305.12	January 2029	5,389,024.49	December 2033	1,674,138.91
March 2024	15,965,260.16	February 2029	5,286,597.62	January 2034	1,639,985.90
April 2024	15,684,252.93	March 2029	5,186,025.86	February 2034	1,606,476.53
May 2024	15,405,265.56	April 2029	5,087,276.59	March 2034	1,573,599.18
June 2024	15,128,280.32	May 2029	4,990,317.76	April 2034	1,541,342.47
July 2024	14,853,279.61	June 2029	4,895,117.87	May 2034	1,509,695.20
August 2024	14,582,006.02	July 2029	4,801,645.98	June 2034	1,478,646.37
September 2024	14,315,526.89	August 2029	4,709,871.65	July 2034	1,448,185.18
October 2024	14,053,759.28	September 2029	4,619,765.00	August 2034	1,418,301.00
November 2024	13,796,621.65	October 2029	4,531,296.63	September 2034	1,388,983.41
December 2024	13,544,033.86	November 2029	4,444,437.69	October 2034	1,360,222.17
January 2025	13,295,917.14	December 2029	4,359,159.79	November 2034	1,332,007.19
February 2025	13,052,194.06	January 2030	4,275,435.05	December 2034	1,304,328.60
March 2025	12,812,788.52	February 2030	4,193,236.07	January 2035	1,277,176.67
April 2025	12,577,625.69	March 2030	4,112,535.92	February 2035	1,250,541.87
May 2025	12,346,632.05	April 2030	4,033,308.13	March 2035	1,224,414.81
June 2025	12,119,735.32	May 2030	3,955,526.70	April 2035	1,198,786.28
July 2025	11,896,864.46	June 2030	3,879,166.08	May 2035	1,173,647.23
August 2025	11,677,949.63	July 2030	3,804,201.14	June 2035	1,148,988.76
September 2025	11,462,922.19	August 2030	3,730,607.21	July 2035	1,124,802.15
October 2025	11,251,714.69	September 2030	3,658,360.04	August 2035	1,101,078.82
November 2025	11,044,260.81	October 2030	3,587,435.78	September 2035	1,077,810.33
December 2025	10,840,495.37	November 2030	3,517,811.04	October 2035	1,054,988.40
January 2026	10,640,354.30	December 2030	3,449,462.77	November 2035	1,032,604.90
February 2026	10,443,774.64	January 2031	3,382,368.39	December 2035	1,010,651.83
March 2026	10,250,694.49	February 2031	3,316,505.65	January 2036	989,121.35
April 2026	10,061,053.02	March 2031	3,251,852.72	February 2036	968,005.75
May 2026	9,874,790.44	April 2031	3,188,388.13	March 2036	947,297.45
June 2026	9,691,847.97	May 2031	3,126,090.81	April 2036	926,989.00
July 2026	9,512,167.85	June 2031	3,064,940.03	May 2036	907,073.10
August 2026	9,335,693.31	July 2031	3,004,915.43	June 2036	887,542.57
September 2026	9,162,368.53	August 2031	2,945,996.99	July 2036	868,390.36
October 2026	8,992,138.68	September 2031	2,888,165.06	August 2036	849,609.52
November 2026	8,824,949.84	October 2031	2,831,400.32	September 2036	831,193.27
December 2026	8,660,749.03	November 2031	2,775,683.77	October 2036	813,134.91
January 2027	8,499,484.16	December 2031	2,720,996.77	November 2036	795,427.88
February 2027	8,341,104.06	January 2032	2,667,320.99	December 2036	778,065.72
March 2027	8,185,558.42	February 2032	2,614,638.41	January 2037	761,042.11
April 2027	8,032,797.79	March 2032	2,562,931.33	February 2037	744,350.81
May 2027	7,882,773.57	April 2032	2,512,182.37	March 2037	727,985.71
June 2027	7,735,438.01	May 2032	2,462,374.44	April 2037	711,940.80
July 2027	7,590,744.14	June 2032	2,413,490.73	May 2037	696,210.20
August 2027	7,448,645.85	July 2032	2,365,514.77	June 2037	680,788.10
September 2027	7,309,097.77	August 2032	2,318,430.33	July 2037	665,668.82
October 2027	7,172,055.34	September 2032	2,272,221.49	August 2037	650,846.77
November 2027	7,037,474.76	October 2032	2,226,872.59	September 2037	636,316.45
December 2027	6,905,312.98	November 2032	2,182,368.26	October 2037	622,072.47
January 2028	6,775,527.68	December 2032	2,138,693.38	November 2037	608,109.55
February 2028	6,648,077.27	January 2033	2,095,833.12	December 2037	594,422.47
March 2028	6,522,920.90	February 2033	2,053,772.88	January 2038	581,006.13
April 2028	6,400,018.38	March 2033	2,012,498.32	February 2038	567,855.50
May 2028	6,279,330.25	April 2033	1,971,995.37	March 2038	554,965.67
June 2028	6,160,817.71	May 2033	1,932,250.20	April 2038	542,331.79
July 2028	6,044,442.61	June 2033	1,893,249.19	May 2038	529,949.11
August 2028	5,930,167.50	July 2033	1,854,979.01	June 2038	517,812.96
September 2028	5,817,955.53	August 2033	1,817,426.51	July 2038	505,918.75

Aggregate Group VI (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
August 2038	\$ 494,261.97	November 2041	\$ 184,778.33	February 2045	\$ 51,179.56
September 2038	482,838.22	December 2041	179,712.12	March 2045	49,089.75
October 2038	471,643.13	January 2042	174,754.32	April 2045	47,049.72
November 2038	460,672.45	February 2042	169,902.83	May 2045	45,058.47
December 2038	449,921.99	March 2042	165,155.58	June 2045	43,114.99
January 2039	439,387.62	April 2042	160,510.57	July 2045	41,218.32
February 2039	429,065.32	May 2042	155,965.81	August 2045	39,367.50
March 2039	418,951.11	June 2042	151,519.35	September 2045	37,561.60
April 2039	409,041.09	July 2042	147,169.30	October 2045	35,799.70
May 2039	399,331.44	August 2042	142,913.76	November 2045	34,080.89
June 2039	389,818.40	September 2042	138,750.91	December 2045	32,404.30
July 2039	380,498.27	October 2042	134,678.94	January 2046	30,769.05
August 2039	371,367.44	November 2042	130,696.07	February 2046	29,174.30
September 2039	362,422.34	December 2042	126,800.57	March 2046	27,619.20
October 2039	353,659.48	January 2043	122,990.73	April 2046	26,102.95
November 2039	345,075.43	February 2043	119,264.86	May 2046	24,624.74
December 2039	336,666.81	March 2043	115,621.33	June 2046	23,183.77
January 2040	328,430.31	April 2043	112,058.52	July 2046	21,779.28
February 2040	320,362.69	May 2043	108,574.84	August 2046	20,410.50
March 2040	312,460.75	June 2043	105,168.74	September 2046	19,076.70
April 2040	304,721.36	July 2043	101,838.70	October 2046	17,777.15
May 2040	297,141.45	August 2043	98,583.20	November 2046	16,511.11
June 2040	289,717.98	September 2043	95,400.78	December 2046	15,277.91
July 2040	282,448.00	October 2043	92,289.99	January 2047	14,076.84
August 2040	275,328.59	November 2043	89,249.42	February 2047	12,907.23
September 2040	268,356.88	December 2043	86,277.68	March 2047	11,768.41
October 2040	261,530.08	January 2044	83,373.40	April 2047	10,659.75
November 2040	254,845.42	February 2044	80,535.24	May 2047	9,580.59
December 2040	248,300.19	March 2044	77,761.88	June 2047	8,530.31
January 2041	241,891.74	April 2044	75,052.04	July 2047	7,508.31
February 2041	235,617.45	May 2044	72,404.45	August 2047	6,513.98
March 2041	229,474.76	June 2044	69,817.86	September 2047	5,546.72
April 2041	223,461.16	July 2044	67,291.05	October 2047	4,605.97
May 2041	217,574.17	August 2044	64,822.83	November 2047	3,691.15
June 2041	211,811.37	September 2044	62,412.02	December 2047	2,801.70
July 2041	206,170.38	October 2044	60,057.47	January 2048	1,937.09
August 2041	200,648.85	November 2044	57,758.05	February 2048	1,096.77
September 2041	195,244.50	December 2044	55,512.65	March 2048	280.23
October 2041	189,955.06	January 2045	53,320.17	April 2048 and thereafter	0.00

Aggregate Group VII Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$28,569,837.00	June 2019	\$26,876,605.91	July 2020	\$23,561,040.66
June 2018	28,502,687.32	July 2019	26,675,263.04	August 2020	23,249,238.36
July 2018	28,424,820.37	August 2019	26,464,341.38	September 2020	22,930,420.59
August 2018	28,336,267.04	September 2019	26,243,992.20	October 2020	22,604,830.51
September 2018	28,237,067.80	October 2019	26,014,375.19	November 2020	22,282,472.28
October 2018	28,127,272.72	November 2019	25,775,658.31	December 2020	21,963,314.93
November 2018	28,006,941.42	December 2019	25,528,017.57	January 2021	21,647,327.76
December 2018	27,876,143.08	January 2020	25,271,636.86	February 2021	21,334,480.36
January 2019	27,734,956.36	February 2020	25,006,707.68	March 2021	21,024,742.63
February 2019	27,583,469.35	March 2020	24,733,428.91	April 2021	20,718,084.72
March 2019	27,421,779.50	April 2020	24,452,006.61	May 2021	20,414,477.09
April 2019	27,249,993.54	May 2020	24,162,653.71	June 2021	20,113,890.45
May 2019	27,068,227.37	June 2020	23,865,589.75	July 2021	19,816,295.81

Aggregate Group VII (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
August 2021	\$19,521,664.45	July 2026	\$ 6,728,605.00	June 2031	\$ 1,976,934.16
September 2021	19,229,967.90	August 2026	6,593,477.40	July 2031	1,935,179.09
October 2021	18,941,177.99	September 2026	6,460,975.17	August 2031	1,894,260.96
November 2021	18,655,266.78	October 2026	6,331,048.39	September 2031	1,854,163.54
December 2021	18,372,206.63	November 2026	6,203,648.10	October 2031	1,814,870.88
January 2022	18,091,970.13	December 2026	6,078,726.26	November 2031	1,776,367.36
February 2022	17,814,530.15	January 2027	5,956,235.70	December 2031	1,738,637.65
March 2022	17,539,859.80	February 2027	5,836,130.17	January 2032	1,701,666.70
April 2022	17,267,932.45	March 2027	5,718,364.26	February 2032	1,665,439.76
May 2022	16,998,721.72	April 2027	5,602,893.42	March 2032	1,629,942.36
June 2022	16,732,201.48	May 2027	5,489,673.93	April 2032	1,595,160.30
July 2022	16,468,345.86	June 2027	5,378,662.91	May 2032	1,561,079.65
August 2022	16,207,129.20	July 2027	5,269,818.26	June 2032	1,527,686.74
September 2022	15,948,526.11	August 2027	5,163,098.68	July 2032	1,494,968.17
October 2022	15,692,511.43	September 2027	5,058,463.64	August 2032	1,462,910.80
November 2022	15,439,060.25	October 2027	4,955,873.38	September 2032	1,431,501.72
December 2022	15,188,147.87	November 2027	4,855,288.87	October 2032	1,400,728.28
January 2023	14,939,749.85	December 2027	4,756,671.84	November 2032	1,370,578.07
February 2023	14,693,841.95	January 2028	4,659,984.70	December 2032	1,341,038.93
March 2023	14,450,400.20	February 2028	4,565,190.61	January 2033	1,312,098.90
April 2023	14,209,400.81	March 2028	4,472,253.39	February 2033	1,283,746.27
May 2023	13,970,820.26	April 2028	4,381,137.54	March 2033	1,255,969.56
June 2023	13,734,635.21	May 2028	4,291,808.25	April 2033	1,228,757.49
July 2023	13,500,822.57	June 2028	4,204,231.34	May 2033	1,202,099.00
August 2023	13,269,359.46	July 2028	4,118,373.30	June 2033	1,175,983.26
September 2023	13,040,223.20	August 2028	4,034,201.22	July 2033	1,150,399.62
October 2023	12,813,391.36	September 2028	3,951,682.82	August 2033	1,125,337.65
November 2023	12,588,841.69	October 2028	3,870,786.44	September 2033	1,100,787.12
December 2023	12,366,552.15	November 2028	3,791,481.01	October 2033	1,076,737.99
January 2024	12,146,500.93	December 2028	3,713,736.03	November 2033	1,053,180.41
February 2024	11,928,666.42	January 2029	3,637,521.58	December 2033	1,030,104.72
March 2024	11,713,027.20	February 2029	3,562,808.33	January 2034	1,007,501.46
April 2024	11,499,562.06	March 2029	3,489,567.47	February 2034	985,361.33
May 2024	11,288,250.00	April 2029	3,417,770.74	March 2034	963,675.21
June 2024	11,079,070.20	May 2029	3,347,390.42	April 2034	942,434.18
July 2024	10,872,002.06	June 2029	3,278,399.31	May 2034	921,629.46
August 2024	10,667,025.15	July 2029	3,210,770.72	June 2034	901,252.45
September 2024	10,464,119.25	August 2029	3,144,478.48	July 2034	881,294.72
October 2024	10,263,264.34	September 2029	3,079,496.88	August 2034	861,748.00
November 2024	10,064,440.55	October 2029	3,015,800.72	September 2034	842,604.17
December 2024	9,867,628.25	November 2029	2,953,365.27	October 2034	823,855.28
January 2025	9,672,807.95	December 2029	2,892,166.27	November 2034	805,493.53
February 2025	9,480,713.06	January 2030	2,832,179.92	December 2034	787,511.25
March 2025	9,292,323.30	February 2030	2,773,382.86	January 2035	769,900.94
April 2025	9,107,568.61	March 2030	2,715,752.17	February 2035	752,655.25
May 2025	8,926,380.21	April 2030	2,659,265.38	March 2035	735,766.94
June 2025	8,748,690.62	May 2030	2,603,900.43	April 2035	719,228.93
July 2025	8,574,433.60	June 2030	2,549,635.67	May 2035	703,034.29
August 2025	8,403,544.18	July 2030	2,496,449.89	June 2035	687,176.20
September 2025	8,235,958.57	August 2030	2,444,322.25	July 2035	671,647.98
October 2025	8,071,614.18	September 2030	2,393,232.32	August 2035	656,443.07
November 2025	7,910,449.60	October 2030	2,343,160.06	September 2035	641,555.06
December 2025	7,752,404.56	November 2030	2,294,085.78	October 2035	626,977.63
January 2026	7,597,419.92	December 2030	2,245,990.21	November 2035	612,704.62
February 2026	7,445,437.63	January 2031	2,198,854.41	December 2035	598,729.96
March 2026	7,296,400.75	February 2031	2,152,659.80	January 2036	585,047.71
April 2026	7,150,253.37	March 2031	2,107,388.18	February 2036	571,652.03
May 2026	7,006,940.67	April 2031	2,063,021.67	March 2036	558,537.22
June 2026	6,866,408.82	May 2031	2,019,542.73	April 2036	545,697.67

Aggregate Group VII (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
May 2036	\$ 533,127.88	May 2040	\$ 161,741.41	May 2044	\$ 36,382.24
June 2036	520,822.47	June 2040	157,445.64	June 2044	35,020.74
July 2036	508,776.14	July 2040	153,246.43	July 2044	33,693.58
August 2036	496,983.71	August 2040	149,141.80	August 2044	32,400.01
September 2036	485,440.10	September 2040	145,129.76	September 2044	31,139.30
October 2036	474,140.33	October 2040	141,208.40	October 2044	29,910.71
November 2036	463,079.50	November 2040	137,375.82	November 2044	28,713.55
December 2036	452,252.83	December 2040	133,630.18	December 2044	27,547.10
January 2037	441,655.62	January 2041	129,969.66	January 2045	26,410.70
February 2037	431,283.25	February 2041	126,392.48	February 2045	25,303.68
March 2037	421,131.21	March 2041	122,896.90	March 2045	24,225.38
April 2037	411,195.07	April 2041	119,481.22	April 2045	23,175.16
May 2037	401,470.48	May 2041	116,143.76	May 2045	22,152.40
June 2037	391,953.17	June 2041	112,882.88	June 2045	21,156.49
July 2037	382,638.99	July 2041	109,696.97	July 2045	20,186.82
August 2037	373,523.82	August 2041	106,584.46	August 2045	19,242.81
September 2037	364,603.65	September 2041	103,543.80	September 2045	18,323.88
October 2037	355,874.54	October 2041	100,573.49	October 2045	17,429.47
November 2037	347,332.63	November 2041	97,672.03	November 2045	16,559.02
December 2037	338,974.15	December 2041	94,837.97	December 2045	15,711.99
January 2038	330,795.36	January 2042	92,069.90	January 2046	14,887.86
February 2038	322,792.64	February 2042	89,366.41	February 2046	14,086.11
March 2038	314,962.41	March 2042	86,726.14	March 2046	13,306.22
April 2038	307,301.18	April 2042	84,147.75	April 2046	12,547.71
May 2038	299,805.51	May 2042	81,629.92	May 2046	11,810.08
June 2038	292,472.05	June 2042	79,171.37	June 2046	11,092.86
July 2038	285,297.49	July 2042	76,770.84	July 2046	10,395.58
August 2038	278,278.61	August 2042	74,427.09	August 2046	9,717.78
September 2038	271,412.23	September 2042	72,138.92	September 2046	9,059.03
October 2038	264,695.24	October 2042	69,905.13	October 2046	8,418.87
November 2038	258,124.61	November 2042	67,724.56	November 2046	7,796.89
December 2038	251,697.33	December 2042	65,596.08	December 2046	7,192.65
January 2039	245,410.49	January 2043	63,518.57	January 2047	6,605.76
February 2039	239,261.22	February 2043	61,490.93	February 2047	6,035.81
March 2039	233,246.69	March 2043	59,512.10	March 2047	5,482.40
April 2039	227,364.16	April 2043	57,581.02	April 2047	4,945.15
May 2039	221,610.90	May 2043	55,696.67	May 2047	4,423.69
June 2039	215,984.29	June 2043	53,858.04	June 2047	3,917.64
July 2039	210,481.71	July 2043	52,064.15	July 2047	3,426.64
August 2039	205,100.62	August 2043	50,314.02	August 2047	2,950.34
September 2039	199,838.51	September 2043	48,606.71	September 2047	2,488.40
October 2039	194,692.95	October 2043	46,941.29	October 2047	2,040.47
November 2039	189,661.53	November 2043	45,316.85	November 2047	1,606.22
December 2039	184,741.90	December 2043	43,732.51	December 2047	1,185.33
January 2040	179,931.75	January 2044	42,187.38	January 2048	777.48
February 2040	175,228.82	February 2044	40,680.62	February 2048	382.36
March 2040	170,630.89	March 2044	39,211.39	March 2048 and	
April 2040	166,135.80	April 2044	37,778.86	thereafter	0.00

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

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

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\$939,515,622



**Guaranteed REMIC
Pass-Through Certificates
Fannie Mae REMIC Trust 2018-37**

PROSPECTUS SUPPLEMENT

Wells Fargo Securities

May 24, 2018
