Prospectus Supplement
(To REMIC Prospectus dated June 1, 2014)

$975,983,262

FannieMae®

Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2018-3

The Certificates

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

Payments to Certificateholders

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

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

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

The Fannie Mae Guaranty

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

The Trust and its Assets

The trust will own

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

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

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
FA	1	$ 76,687,274	PT	(2)	FLT	3136B0TG1	February 2048
SA(3)	1	76,687,274(4)	NTL	(2)	INV/IO	3136B0TH9	February 2048
PA	1	145,344,125	PAC/AD	3.00%	FIX	3136B0TJ5	April 2046
PD	1	22,720,910	PAC/AD	3.00	FIX	3136B0TK2	February 2048
Z	1	23,653,153	SUP	3.00	FIX/Z	3136B0TL0	February 2048
KA	2	47,789,000	PAC/AD	2.25	FIX	3136B0TM8	February 2048
KB	2	4,476,000	PAC/AD	2.50	FIX	3136B0TN6	February 2048
IK(3)	2	9,519,937(4)	NTL	4.00	FIX/IO	3136B0TP1	February 2048
UZ	2	20,000,000	SUP	3.00	FIX/Z	3136B0TQ9	February 2048
KI(3)	2	18,066,250(4)	NTL	4.00	FIX/IO	3136B0TR7	February 2048
MA	3	5,000,000	PAC/AD	2.75	FIX	3136B0TS5	February 2048
MG(3)	3	37,353,000	SEG(PAC)/PAC/AD	3.00	FIX	3136B0TT3	February 2048
MU(3)	3	7,539,820	SEG(PAC)/SUP/AD	3.00	FIX	3136B0TU0	February 2048
IM(3)	3	6,549,102(4)	NTL	4.00	FIX/IO	3136B0TV8	February 2048
ZU	3	10,000,000	SUP	3.50	FIX/Z	3136B0TW6	February 2048
MI(3)	3	7,486,602(4)	NTL	4.00	FIX/IO	3136B0TX4	February 2048
LA(3)	4	25,000,000	PAC	3.00	FIX	3136B0TY2	November 2045
LB(3)	4	1,516,000	PAC	3.00	FIX	3136B0TZ9	August 2046
LY(3)	4	3,483,000	PAC	3.00	FIX	3136B0UA2	February 2048
LC	4	4,561,845	SUP	3.00	FIX	3136B0UB0	February 2048
LG	4	34,560,845	PT	6.00	FIX	3136B0UC8	February 2048

(Table continued on next page)

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The MB, NI, MC, MD, ME, MH, IN, MJ, MK, ML, MN, PI, LW, LD, LP, BP and SB Classes are the RCR Classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and "Description of the Certificates—Combination and Recombination—RCR Certificates" in the REMIC prospectus.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be January 30, 2018.

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

Credit Suisse

The date of this Prospectus Supplement is January 24, 2018

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
AP(3)	5	$256,470,000	PAC/AD	2.50%	FIX	3136B0UD6	February 2047
LI(3)	5	32,058,750(4)	NTL	4.00	FIX/IO	3136B0UE4	February 2047
PL	5	20,158,071	PAC/AD	3.00	FIX	3136B0UF1	February 2048
LZ	5	40,011,768	SUP	3.00	FIX/Z	3136B0UG9	February 2048
IO	5	79,159,959(4)	NTL	4.00	FIX/IO	3136B0UH7	February 2048
AI	6	48,484,172(4)	NTL	4.50	FIX/IO	3136B0UJ3	December 2047
FC	7	54,188,128	PT	(2)	FLT	3136B0UK0	February 2048
SC(3)	7	54,188,128(4)	NTL	(2)	INV/IO	3136B0UL8	February 2048
CP	7	101,770,127	PAC/AD	3.00	FIX	3136B0UM6	February 2046
CD	7	17,000,649	PAC/AD	3.00	FIX	3136B0UN4	February 2048
CZ	7	16,699,547	SUP	3.00	FIX/Z	3136B0UP9	February 2048
R		0	NPR	0	NPR	3136B0UQ7	February 2048
RL		0	NPR	0	NPR	3136B0UR5	February 2048

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

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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
  - June 1, 2016, for all MBS issued on or after June 1, 2016,
  - October 1, 2014, for all MBS issued on or after October 1, 2014 and prior to June 1, 2016,
  - March 1, 2013, for all MBS issued on or after March 1, 2013 and prior to October 1, 2014,
  - February 1, 2012, for all MBS issued on or after February 1, 2012 and prior to March 1, 2013,
  - July 1, 2011, for all MBS issued on or after July 1, 2011 and prior to February 1, 2012,
  - June 1, 2009, for all MBS issued on or after January 1, 2009 and prior to July 1, 2011,
  - April 1, 2008, for all MBS issued on or after June 1, 2007 and prior to January 1, 2009, or
  - January 1, 2006, for all other MBS

  (as applicable, the "MBS Prospectus");
- if you are purchasing the Group 6 Class or the R or RL Class, the disclosure documents relating to the underlying REMIC certificates (the "Underlying REMIC Disclosure Documents"); and
- any information incorporated by reference in this prospectus supplement as discussed below and under the heading "Incorporation by Reference" in the REMIC Prospectus.

For a description of current servicing policies generally applicable to existing Fannie Mae MBS pools, see "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus dated June 1, 2016.

The MBS Prospectus and the Underlying REMIC Disclosure Documents are incorporated by reference in this prospectus supplement. This means that we are disclosing information in those documents by referring you to them. Those documents are considered part of this prospectus supplement, so you should read this prospectus supplement, and any applicable supplements or amendments, together with those documents.

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

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

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

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

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

SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of January 1, 2018. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on page S-3. In particular, please see the discussion of risk factors that appears in each of those additional disclosure documents.

Assets Underlying Each Group of Classes

Group	Assets
1	Group 1 MBS
2	Group 2 MBS
3	Group 3 MBS
4	Group 4 MBS
5	Group 5 MBS
6	Class 2017-53-AI REMIC Certificate Class 2017-53-IO REMIC Certificate Class 2017-97-AI REMIC Certificate
7	Group 7 MBS

Group 1, Group 2, Group 3, Group 4, Group 5 and Group 7

Characteristics of the Trust MBS

	Approximate Principal Balance	Pass-Through Rate	Range of Weighted Average Coupons or WACs (annual percentages)	Range of Weighted Average Remaining Terms to Maturity or WAMs (in months)
Group 1 MBS	$268,405,462	4.00%	4.25% to 6.50%	241 to 360
Group 2 MBS	$ 970,147	4.00%	4.25% to 6.50%	241 to 360
	$ 71,294,853	4.00%	4.25% to 6.50%	241 to 360
Group 3 MBS	$ 59,892,820	4.00%	4.25% to 6.50%	241 to 360
Group 4 MBS	$ 69,121,690	4.50%	4.75% to 7.00%	241 to 360
Group 5 MBS	$ 50,000,000	4.00%	4.25% to 6.50%	241 to 360
	$266,639,839	4.00%	4.25% to 6.50%	241 to 360
Group 7 MBS	$189,658,451	4.00%	4.25% to 6.50%	241 to 360

Assumed Characteristics of the Underlying Mortgage Loans

	Principal Balance	Original Term to Maturity (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Interest Rate
Group 1 MBS	$268,405,462	360	353	6	4.379%
Group 2 MBS	$ 970,147	360	274	86	4.750%
	$ 71,294,853	360	356	2	4.710%
Group 3 MBS	$ 59,892,820	360	357	2	4.710%
Group 4 MBS	$ 69,121,690	360	355	5	4.974%
Group 5 MBS	$ 50,000,000	360	350	8	4.409%
	$266,639,839	360	323	32	4.643%
Group 7 MBS	$189,658,451	360	355	5	4.440%

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

Group 6

Exhibit A describes the underlying REMIC certificates in Group 6, including certain information about the related mortgage loans. To learn more about the underlying REMIC certificates, you should obtain from us the current class factors and the related disclosure documents as described on page S-3.

Settlement Date

We expect to issue the certificates on January 30, 2018.

Distribution Dates

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

Record Date

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

Book-Entry and Physical Certificates

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

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

Exchanging Certificates Through Combination and Recombination

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

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

Interest Rates

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

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

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate(1)
FA	1.845%	6.50%	0.35%	LIBOR + 35 basis points
SA	4.655%	6.15%	0.00%	6.15% − LIBOR
FC	1.845%	6.50%	0.35%	LIBOR + 35 basis points
SC	4.655%	6.15%	0.00%	6.15% − LIBOR
SB	4.655%	6.15%	0.00%	6.15% − 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 balance specified below immediately before the related distribution date:

Class	
SA	100% of the FA Class
IK	19.9207704702% of the KA Class
KI	25% of the Group 2 MBS
IM	13.1263416259% of the *sum* of the MA, MG and MU Classes
MI	12.4999991652% of the Group 3 MBS
LI	12.5% of the AP Class
IO	24.9999997631% of the Group 5 MBS
AI	100% of the aggregate notional principal balance of the Group 6 Underlying REMIC Certificates
SC	100% of the FC Class
NI	25% of the MG Class
IN	25% of the *sum* of the MG and MU Classes
PI	19.9207704702% of the KA Class *plus* 25% of the Group 2 MBS *plus* 13.1263416259% of the *sum* of the MA, MG and MU Classes *plus* 12.4999991652% of the Group 3 MBS
SB	100% of the *sum* of the FA and FC 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	0%	100%	120%	170%	200%	300%	400%	600%	800%
	PSA Prepayment Assumption								
FA and SA	19.6	10.5	9.6	7.8	7.0	5.2	4.1	2.9	2.3
PA	14.8	6.4	5.9	5.9	5.9	4.4	3.5	2.5	2.0
PD	25.2	19.0	19.0	19.0	19.0	14.3	11.2	7.5	5.5
Z	28.1	21.0	19.4	9.2	2.7	1.3	0.9	0.6	0.5

Group 2 Classes	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
	PSA Prepayment Assumption										
KA, KB and IK	12.4	5.8	4.3	4.3	4.3	4.3	4.3	3.3	2.5	1.6	1.2
UZ	25.9	18.8	13.9	13.4	8.7	4.6	2.1	1.4	1.0	0.6	0.5
KI	19.6	10.8	7.6	7.3	5.5	4.4	3.7	2.8	2.1	1.4	1.0

Group 3 Classes	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
	PSA Prepayment Assumption										
MA, IM, MH, MJ, MK, ML, MN and IN	14.6	7.0	5.0	4.8	4.0	4.0	4.0	3.1	2.4	1.6	1.1
MG, MB, MC, MD, ME and NI	12.9	5.8	4.4	4.4	4.4	4.4	4.4	3.4	2.6	1.7	1.2
MU	22.7	13.1	8.0	7.0	2.3	2.3	2.3	1.8	1.4	1.0	0.7
ZU	27.2	21.1	16.1	15.6	11.4	6.2	1.9	1.2	0.8	0.5	0.4
MI	19.6	10.8	7.6	7.3	5.5	4.4	3.7	2.8	2.1	1.4	1.0

Group 4 Classes	0%	100%	150%	180%	225%	300%	400%	600%	800%
	PSA Prepayment Assumption								
LA	16.8	6.8	5.2	5.2	5.2	4.3	3.5	2.5	2.0
LB	26.4	15.9	13.2	13.2	13.2	10.4	8.0	5.4	4.1
LY	27.5	19.7	18.7	18.7	18.7	15.2	11.9	8.0	5.9
LC	29.2	24.1	18.4	11.2	2.8	1.5	1.1	0.7	0.6
LG	19.9	10.7	8.7	7.7	6.6	5.3	4.2	3.0	2.3
LW	27.2	18.5	17.0	17.0	17.0	13.7	10.7	7.2	5.3
LD	17.3	7.3	5.7	5.7	5.7	4.7	3.7	2.7	2.2

Group 5 Classes	0%	100%	120%	170%	200%	300%	400%	600%	800%
	PSA Prepayment Assumption								
AP, LI, LP and BP	15.4	6.4	5.9	5.9	5.9	4.3	3.2	2.1	1.5
PL	25.4	20.5	20.5	20.5	20.5	15.9	12.4	8.1	5.7
LZ	28.1	19.6	18.1	8.2	2.0	0.7	0.4	0.2	0.2
IO	19.6	9.7	8.8	7.1	6.4	4.6	3.5	2.3	1.6

Group 6 Class	0%	100%	200%	300%	400%	600%	800%
	PSA Prepayment Assumption						
AI	19.4	8.1	5.6	4.1	3.1	2.0	1.4

Group 7 Classes	PSA Prepayment Assumption								
	0%	100%	120%	170%	200%	300%	400%	600%	800%
FC and SC	19.6	10.6	9.7	7.9	7.1	5.3	4.2	3.0	2.3
CP	14.7	6.4	5.9	5.9	5.9	4.4	3.5	2.6	2.1
CD	25.1	18.9	18.9	18.9	18.9	14.2	11.1	7.5	5.5
CZ	28.1	21.2	19.6	9.3	2.8	1.4	1.0	0.7	0.5

Group 1/Group 7 Class†	PSA Prepayment Assumption								
	0%	100%	120%	170%	200%	300%	400%	600%	800%
SB	19.6	10.5	9.6	7.9	7.1	5.2	4.1	2.9	2.3

Group 2/Group 3 Class†	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
PI	17.2	9.1	6.4	6.2	5.0	4.3	3.9	3.0	2.2	1.5	1.1

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

† These classes are RCR classes formed by combinations of two or more REMIC classes in different groups. For additional information, see Schedule 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, as applicable, remains uncertain. Thousands of people have been displaced and interruptions in the affected regional economies have been significant. Although the long-term effects are unclear, these events could lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. Accordingly, the rate of defaults on mortgage loans in the affected areas may increase. Any such increase will result in early payments of principal to holders of certificates (and early decreases in notional principal balances of interest only certificates) backed by MBS with underlying mortgage loans secured by properties in the affected areas.

Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates. On July 27, 2017, regulatory authorities in the United Kingdom announced their intention to stop persuading or compelling banks to submit LIBOR rates after 2021. Accordingly, it is uncertain whether ICE will continue to quote LIBOR after 2021. Efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee of the Federal Reserve Board and the Federal Reserve Bank of New York. At present, we are unable to predict the effect of any alternative reference rates that may be established or any other reforms to LIBOR that may be adopted in the United Kingdom, in the U.S. 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 "Distributions of Interest," we may in our discretion designate an alternative method or, if appropriate, an alternative index for the determination of monthly interest rates on the floating rate and inverse floating rate classes if, among other things, we determine that continued reliance on the customary method for determining LIBOR is no longer viable. We can provide no assurance that any such alternative method or index will yield the same or similar economic results over the lives of the related classes. In addition, although our designation of any alternative method or index will take into account various factors, including then-prevailing industry practices, there can be no assurance that broadly-adopted industry practices will develop, and it is uncertain what effect any divergent industry practices will have on the value of and return on the certificates.

Payments on the Group 6 Class will be affected by the applicable payment priorities governing the related underlying REMIC certificates. If you invest in the Group 6 Class, the rate at which you receive payments will be affected by the applicable priority sequences governing notional principal balance reductions on the related underlying REMIC certificates.

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

DESCRIPTION OF THE CERTIFICATES

The material under this heading describes the principal features of the Certificates. You will find additional information about the Certificates in the other sections of this prospectus supplement, as well as in the additional Disclosure Documents and the Trust Agreement. If we use a capitalized term in this prospectus supplement without defining it, you will find the definition of that term in the applicable Disclosure Document or in the Trust Agreement.

General

Structure. We will create the Fannie Mae REMIC Trust specified on the cover of this prospectus supplement (the "Trust") pursuant to a trust agreement dated as of May 1, 2010 and a supplement thereto dated as of January 1, 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:

- six 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" and "Group 7 MBS," and together, the "Trust MBS"), and
- one group of previously issued REMIC Certificates (the "Group 6 Underlying REMIC Certificates") issued from the related Fannie Mae REMIC trusts (the "Underlying REMIC Trusts"), as further described in Exhibit A.

The Group 6 Underlying REMIC Certificates evidence direct or indirect beneficial ownership interests in certain Fannie Mae Guaranteed Mortgage Pass-Through Certificates (together with the Trust MBS, the "MBS").

Each MBS represents a beneficial ownership interest in a pool of first lien, one- to four-family ("single-family"), fixed-rate residential mortgage loans (the "Mortgage Loans") having the characteristics described in this prospectus supplement.

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

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

REMIC Designation	Assets	Regular Interests	Residual Interest
Lower Tier REMIC	Trust MBS and Group 6 Underlying REMIC Certificates	Interests in the Lower Tier REMIC other than the RL Class (the "Lower Tier Regular Interests")	RL
Upper Tier REMIC	Lower Tier Regular Interests	All Classes of REMIC Certificates other than the R and RL Classes	R

Fannie Mae Guaranty. For a description of our guaranties of the Certificates, the MBS and the Group 6 Underlying REMIC Certificates, see the applicable discussions appearing under the heading "Fannie Mae Guaranty" in the REMIC Prospectus, the MBS Prospectus and the Underlying REMIC Disclosure Documents. Our guaranties are not backed by the full faith and credit of the United States.

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

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

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

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

The Trust MBS

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

In addition, the pools of mortgage loans backing the Group 2 MBS and Group 3 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 June 1, 2016. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools underlying the Group 2 MBS and Group 3 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also "Risk Factors—Risks Relating to Yield and Prepayment—*"Jumbo-conforming" mortgage loans, which have original principal balances that exceed our traditional conforming loan limits, may prepay at different rates than conforming balance mortgage loans generally*" in the MBS Prospectus dated June 1, 2016.

For additional information, see "Summary—Group 1, Group 2, Group 3, Group 4, Group 5 and Group 7—Characteristics of the Trust MBS" in this prospectus supplement and "The Mortgage Loan Pools" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus.

The Group 6 Underlying REMIC Certificates

The Group 6 Underlying REMIC Certificates represent beneficial ownership interests in the related Underlying REMIC Trusts. The assets of those trusts consist of MBS (or beneficial ownership interests in MBS) having the general characteristics set forth in the MBS Prospectus.

Each MBS evidences beneficial ownership interests in a pool of conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties, as described under "The Mortgage Loan Pools" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus.

Distributions on the Group 6 Underlying REMIC Certificates will be passed through monthly, beginning in the month after we issue the Certificates. The general characteristics of the Group 6 Underlying REMIC Certificates are described in the Underlying REMIC Disclosure Documents. See Exhibit A for certain additional information about the Group 6 Underlying REMIC Certificates. Exhibit A is provided in lieu of a Final Data Statement with respect to the Group 6 Underlying REMIC Certificates.

For further information about the Group 6 Underlying REMIC Certificates, telephone us at 800-2FANNIE. Additional information about the Group 6 Underlying REMIC Certificates is also available at https://mbsdisclosure.fanniemae.com/PoolTalk2/index.html. There may have been material changes in facts and circumstances since the dates we prepared the Underlying REMIC Disclosure Documents. These may include changes in prepayment speeds, prevailing interest rates and other economic factors. As a result, the usefulness of the information set forth in those documents may be limited.

Distributions of Interest

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

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

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

Delay Classes	No-Delay Classes
Fixed Rate Classes	Floating Rate and Inverse Floating Rate Classes

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

Accrual Classes. The Z, UZ, ZU, LZ and CZ Classes are Accrual Classes. Interest will accrue on each Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on each Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Classes as described under “—Distributions of Principal” below.

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 Z Accrual Amount to Aggregate Group I to its Planned Balance, and thereafter to Z.	Accretion Directed/PAC Group and Accrual Class
The Group 1 Cash Flow Distribution Amount as follows:	
— 28.5714282521% to FA until retired, and	Pass-Through Class
— 71.4285717479% as follows:	
first, to Aggregate Group I to its Planned Balance;	PAC Group
second, to Z until retired; and	Support Class
third, to Aggregate Group I to zero.	PAC Group

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

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

“Aggregate Group I” consists of the PA and PD Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I to PA and PD, 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 UZ Accrual Amount to Aggregate Group II to its Planned Balance, and thereafter to UZ.	Accretion Directed/PAC Group and Accrual Class
The Group 2 Cash Flow Distribution Amount in the following priority:	
1. To Aggregate Group II to its Planned Balance.	PAC Group
2. To UZ until retired.	Support Class
3. To Aggregate Group II to zero.	PAC Group

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

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

“Aggregate Group II” consists of the KA and KB Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II to KA and KB, pro rata, until retired.

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

- *Group 3*

The ZU Accrual Amount to Aggregate Group III to its Planned Balance, and thereafter to ZU. } **Accretion Directed/PAC Group and Accrual Class**

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

1. To Aggregate Group III to its Planned Balance. } **PAC Group**
2. To ZU until retired. } **Support Class**
3. To Aggregate Group III to zero. } **PAC Group**

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

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

"Aggregate Group III" consists of the MA, MG and MU Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group III as follows:

— 10.0214820489% to MA until retired, and

— 89.9785179511% as follows:

first, to MG to its Planned Balance;

second, to MU until retired; and

third, to MG until retired.

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

- *Group 4*

The Group 4 Principal Distribution Amount as follows:

— 50% to LG until retired, and } **Pass-Through Class**

— 50% as follows:

first, to Aggregate Group IV to its Planned Balance; } **PAC Group**

second, to LC until retired; and } **Support Class**

third, to Aggregate Group IV to zero. } **PAC Group**

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

"Aggregate Group IV" consists of the LA, LB and LY Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV to LA, LB and LY, 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 5*

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

The Group 5 Cash Flow Distribution Amount in the following priority:

1. To Aggregate Group V to its Planned Balance. — PAC Group
2. To LZ until retired. — Support Class
3. To Aggregate Group V to zero. — PAC Group

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

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

"Aggregate Group V" consists of the AP and PL Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group V to AP and PL, 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 7*

The CZ Accrual Amount to Aggregate Group VI to its Planned Balance, and thereafter to CZ. — Accretion Directed/PAC Group and Accrual Class

The Group 7 Cash Flow Distribution Amount as follows:

— 28.5714281195% to FC until retired, and — Pass-Through Class

— 71.4285718805% as follows:

first, to Aggregate Group VI to its Planned Balance; — PAC Group

second, to CZ until retired; and — Support Class

third, to Aggregate Group VI to zero. — PAC Group

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

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

"Aggregate Group VI" consists of the CP and CD Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group VI to CP and CD, 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.

Structuring Assumptions

Pricing Assumptions. Except where otherwise noted, the information in the tables in this prospectus supplement has been prepared based on the actual characteristics of each pool of Mortgage Loans backing the Group 6 Underlying REMIC Certificates, the applicable priority sequences governing notional principal balance reductions on the Group 6 Underlying REMIC Certificates, and the following assumptions (such characteristics and assumptions, collectively, the "Pricing Assumptions"):

- the Mortgage Loans underlying the Trust MBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under "Summary—Group 1, Group 2, Group 3, Group 4, Group 5 and Group 7—Assumed Characteristics of the Underlying Mortgage Loans" in this prospectus supplement;
- the Mortgage Loans prepay at the constant percentages of PSA specified in the related tables;
- the settlement date for the Certificates is January 30, 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 Trust MBS will differ from the assumed characteristics shown in the Summary, and may differ significantly. See "Risk Factors—Risks Relating to Yield and Prepayment—*Yields on and weighted average lives of the certificates are affected by actual characteristics of the mortgage loans backing the series trust assets*" in the REMIC Prospectus.

Prepayment Assumptions. The prepayment model used in this prospectus supplement is PSA. For a description of PSA, see "Yield, Maturity and Prepayment Considerations—Prepayment Models" in the REMIC Prospectus. It is highly unlikely that prepayments will occur at any *constant* PSA rate or at any other *constant* rate.

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

Groups and Class	Structuring Ranges	Initial Effective Ranges
Aggregate Group I Planned Balances	Between 120% and 200% PSA	Between 120% and 200% PSA
Aggregate Group II Planned Balances	Between 202% and 500% PSA	Between 202% and 500% PSA
Aggregate Group III Planned Balances	Between 298% and 500% PSA	Between 298% and 500% PSA
MG Class Planned Balances	Between 190% and 500% PSA	Between 190% and 500% PSA
Aggregate Group IV Planned Balances	Between 150% and 225% PSA	Between 150% and 225% PSA
Aggregate Group V Planned Balances	Between 120% and 200% PSA	Between 120% and 200% PSA
Aggregate Group VI Planned Balances	Between 120% and 200% PSA	Between 120% and 200% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	PA and PD
Aggregate Group II	KA and KB
Aggregate Group III	MA, MG and MU
Aggregate Group IV	LA, LB and LY
Aggregate Group V	AP and PL
Aggregate Group VI	CP and CD

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 or Class will conform on any Distribution Date to the balance specified in the Principal Balance Schedules or that distributions of principal of any Aggregate Group or Class will begin or end on the Distribution Dates specified in the Principal Balance Schedules.

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

- We will distribute any excess of principal distributions over the amount necessary to reduce an Aggregate Group or a Class to its scheduled balance in any month. As a result, the likelihood of reducing an Aggregate Group or a Class to its scheduled balance each month will not be improved by the averaging of high and low principal distributions from month to month.
- Even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Range or Effective Range, principal distributions may be insufficient to reduce the Aggregate Groups and the MG Class 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 and the MG Class 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 or Class having scheduled balances will be supported by one or more other Classes. When the related supporting Class or Classes are retired, the Aggregate Group or Class receiving the benefit of that support, if still outstanding, may no longer have an Effective Range, and will be much more sensitive to prepayments of the related Mortgage Loans.

Yield Tables

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

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

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

We cannot assure you that

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

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

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

The Inverse Floating Rate Classes. **The yields on the Inverse Floating Rate Classes will be sensitive in varying degrees to the rate of principal payments (including prepayments) of the related Mortgage Loans and to the level of the Index. The Mortgage Loans generally can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the related Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. As illustrated in the applicable tables below, it is possible that investors in the Inverse Floating Rate Classes would lose money on their initial investments under certain Index and prepayment scenarios.**

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

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

- the interest rates for the Inverse Floating Rate Classes for the initial Interest Accrual Period are the rates listed in the table under "Summary—Interest Rates" in this prospectus supplement and for each following Interest Accrual Period will be based on the specified levels of the Index, and
- the aggregate purchase prices of those Classes (expressed in each case as a percentage of original principal balance) are as follows:

Class	Price*
SA	20.00%
SC	20.00%
SB	20.00%

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

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

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

	PSA Prepayment Assumption								
LIBOR	50%	100%	120%	170%	200%	300%	400%	600%	800%
0.7475%	23.3%	20.5%	19.4%	16.6%	14.8%	9.0%	3.1%	(9.3)%	(22.5)%
1.4950%	19.1%	16.3%	15.2%	12.3%	10.6%	4.7%	(1.3)%	(13.8)%	(27.2)%
3.4950%	7.6%	4.8%	3.7%	0.8%	(1.0)%	(7.0)%	(13.1)%	(26.1)%	(40.1)%
5.4950%	(7.1)%	(9.9)%	(11.1)%	(13.9)%	(15.7)%	(21.6)%	(27.8)%	(40.9)%	(55.6)%
6.1500%	*	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption 50%	100%	120%	170%	200%	300%	400%	600%	800%
0.7475%	23.4%	20.6%	19.5%	16.8%	15.1%	9.4%	3.6%	(8.5)%	(21.3)%
1.4950%	19.2%	16.4%	15.3%	12.5%	10.8%	5.1%	(0.8)%	(13.1)%	(26.1)%
3.4950%	7.7%	4.9%	3.8%	0.9%	(0.8)%	(6.7)%	(12.8)%	(25.6)%	(39.3)%
5.4950%	(7.0)%	(9.8)%	(10.9)%	(13.8)%	(15.5)%	(21.5)%	(27.6)%	(40.6)%	(55.3)%
6.1500%	*	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption 50%	100%	120%	170%	200%	300%	400%	600%	800%
0.7475%	23.3%	20.6%	19.4%	16.6%	14.9%	9.2%	3.3%	(9.0)%	(22.0)%
1.4950%	19.1%	16.4%	15.2%	12.4%	10.7%	4.9%	(1.1)%	(13.5)%	(26.7)%
3.4950%	7.7%	4.9%	3.7%	0.8%	(0.9)%	(6.9)%	(13.0)%	(25.9)%	(39.8)%
5.4950%	(7.1)%	(9.9)%	(11.0)%	(13.9)%	(15.6)%	(21.6)%	(27.7)%	(40.8)%	(55.4)%
6.1500%	*	*	*	*	*	*	*	*	*

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:**

Class	% PSA
IK	139%
KI	342%
IM	188%
MI	343%
LI	262%
IO	239%
AI	246%
NI	139%
IN	188%
PI	302%

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:

Class	Price*
IK	19.50000%
KI	19.50000%
IM	19.75000%
MI	19.50000%
LI	19.00000%
IO	21.87500%
AI	21.21875%
NI	19.50000%
IN	19.75000%
PI	19.50000%

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

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

Sensitivity of the IK Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity	9.9%	4.2%	(3.9)%	(4.4)%	(4.4)%	(4.4)%	(4.4)%	(14.7)%	(32.1)%	(78.8)%	*

Sensitivity of the KI Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity	15.9%	13.3%	8.4%	7.8%	2.4%	(3.3)%	(9.1)%	(21.1)%	(40.0)%	(90.2)%	*

Sensitivity of the IM Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity	12.4%	8.0%	(0.2)%	(1.2)%	(6.6)%	(6.6)%	(6.6)%	(17.4)%	(35.4)%	(83.4)%	*

Sensitivity of the MI Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity	16.0%	13.3%	8.5%	7.8%	2.5%	(3.2)%	(9.0)%	(20.9)%	(39.8)%	(89.6)%	*

Sensitivity of the LI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	120%	170%	200%	300%	400%	600%	800%
Pre-Tax Yields to Maturity	12.0%	6.6%	5.0%	5.0%	5.0%	(3.6)%	(14.1)%	(38.1)%	(64.8)%

Sensitivity of the IO Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	120%	170%	200%	300%	400%	600%	800%
Pre-Tax Yields to Maturity . . .	12.4%	9.2%	7.9%	4.6%	2.6%	(4.2)%	(11.2)%	(26.1)%	(42.5)%

Sensitivity of the AI Class to Prepayments

	PSA Prepayment Assumption						
	50%	100%	200%	300%	400%	600%	800%
Pre-Tax Yields to Maturity . . .	13.8%	10.4%	3.3%	(4.0)%	(11.6)%	(27.6)%	(44.8)%

Sensitivity of the NI Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity . . .	10.2%	4.3%	(3.7)%	(3.7)%	(3.7)%	(3.7)%	(3.7)%	(13.8)%	(31.0)%	(77.1)%	*

Sensitivity of the IN Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity . . .	12.4%	8.0%	(0.2)%	(1.2)%	(6.6)%	(6.6)%	(6.6)%	(17.4)%	(35.4)%	(83.4)%	*

Sensitivity of the PI Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Pre-Tax Yields to Maturity . . .	14.4%	11.2%	5.6%	4.9%	0.2%	(3.9)%	(7.5)%	(18.8)%	(37.3)%	(86.1)%	*

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions,
- the priority sequences of distributions of principal of the Group 1, Group 2, Group 3, Group 4, Group 5 and Group 7 Classes, and
- in the case of the Group 6 Class, the applicable priority sequences governing notional principal balance reductions on the Group 6 Underlying REMIC Certificates.

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

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

Decrement Tables

The following tables indicate the percentages of original principal balances of the specified Classes that would be outstanding after each date shown at various constant PSA rates, and the corresponding weighted average lives of those Classes. The tables have been prepared on the basis of the Pricing Assumptions.

In the case of the information set forth for each Class under 0% PSA, however, we assumed that the Mortgage Loans have the original and remaining terms to maturity and bear interest at the annual rates specified in the table below.

Mortgage Loans Backing Trust Assets Specified Below	Original Terms to Maturity	Remaining Terms to Maturity	Interest Rates
Group 1 MBS	360 months	360 months	6.50%
Group 2 MBS	360 months	360 months	6.50%
Group 3 MBS	360 months	360 months	6.50%
Group 4 MBS	360 months	360 months	7.00%
Group 5 MBS	360 months	360 months	6.50%
Group 6 Underlying REMIC Certificates	360 months	(1)	7.00%
Group 7 MBS	360 months	360 months	6.50%

(1) The Mortgage Loans backing the Group 6 Underlying REMIC Certificates specified below are assumed to have the following remaining terms to maturity:

Class	Remaining Terms to Maturity
2017-53-AI	353 months
2017-53-IO	353 months
2017-97-AI	358 months

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

FA and SA† Classes — PSA Prepayment Assumption

Date	0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	99	96	95	94	93	91	88	83	78
January 2020	98	89	88	85	83	76	70	58	47
January 2021	96	82	80	75	71	61	52	36	24
January 2022	95	76	73	66	62	49	39	23	12
January 2023	94	70	66	58	53	39	29	14	6
January 2024	92	64	60	51	45	32	21	9	3
January 2025	90	59	54	44	39	25	16	6	2
January 2026	89	54	49	39	33	20	12	3	1
January 2027	87	49	44	34	29	16	9	2	*
January 2028	85	45	40	29	24	13	6	1	*
January 2029	83	41	36	25	21	10	5	1	*
January 2030	80	37	32	22	18	8	3	1	*
January 2031	78	33	28	19	15	6	2	*	*
January 2032	75	30	25	16	13	5	2	*	*
January 2033	73	27	22	14	11	4	1	*	*
January 2034	70	24	20	12	9	3	1	*	*
January 2035	66	21	17	10	7	2	1	*	*
January 2036	63	19	15	9	6	2	*	*	*
January 2037	59	16	13	7	5	1	*	*	*
January 2038	56	14	11	6	4	1	*	*	*
January 2039	52	12	9	5	3	1	*	*	*
January 2040	47	10	8	4	3	1	*	*	*
January 2041	43	9	6	3	2	*	*	*	*
January 2042	38	7	5	2	1	*	*	*	*
January 2043	32	5	4	2	1	*	*	*	*
January 2044	27	4	3	1	1	*	*	*	*
January 2045	21	3	2	1	*	*	*	*	0
January 2046	14	2	1	*	*	*	*	*	0
January 2047	7	*	*	*	*	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	10.5	9.6	7.8	7.0	5.2	4.1	2.9	2.3

PA Class — PSA Prepayment Assumption

Date	0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	98	94	93	93	93	93	93	93	88
January 2020	96	85	83	83	83	83	76	61	46
January 2021	94	75	72	72	72	65	53	32	16
January 2022	91	66	62	62	62	49	35	14	*
January 2023	89	58	53	53	53	36	22	3	0
January 2024	86	49	44	44	44	26	13	0	0
January 2025	84	42	36	36	36	18	5	0	0
January 2026	81	35	28	28	28	11	0	0	0
January 2027	78	28	22	22	22	6	0	0	0
January 2028	74	21	16	16	16	1	0	0	0
January 2029	71	15	12	12	12	0	0	0	0
January 2030	67	10	8	8	8	0	0	0	0
January 2031	63	4	4	4	4	0	0	0	0
January 2032	59	1	1	1	1	0	0	0	0
January 2033	55	0	0	0	0	0	0	0	0
January 2034	50	0	0	0	0	0	0	0	0
January 2035	45	0	0	0	0	0	0	0	0
January 2036	40	0	0	0	0	0	0	0	0
January 2037	34	0	0	0	0	0	0	0	0
January 2038	28	0	0	0	0	0	0	0	0
January 2039	22	0	0	0	0	0	0	0	0
January 2040	15	0	0	0	0	0	0	0	0
January 2041	8	0	0	0	0	0	0	0	0
January 2042	1	0	0	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	14.8	6.4	5.9	5.9	5.9	4.4	3.5	2.5	2.0

PD Class — PSA Prepayment Assumption

Date	0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	100	100	100
January 2021	100	100	100	100	100	100	100	100	100
January 2022	100	100	100	100	100	100	100	100	100
January 2023	100	100	100	100	100	100	100	100	52
January 2024	100	100	100	100	100	100	100	75	26
January 2025	100	100	100	100	100	100	100	47	13
January 2026	100	100	100	100	100	100	99	29	7
January 2027	100	100	100	100	100	100	73	18	3
January 2028	100	100	100	100	100	100	54	11	2
January 2029	100	100	100	100	100	85	39	7	1
January 2030	100	100	100	100	100	67	29	4	*
January 2031	100	100	100	100	100	53	21	3	*
January 2032	100	100	100	100	100	42	15	2	*
January 2033	100	89	89	89	89	33	11	1	*
January 2034	100	74	74	74	74	25	8	1	*
January 2035	100	62	62	62	62	20	6	*	*
January 2036	100	51	51	51	51	15	4	*	*
January 2037	100	42	42	42	42	12	3	*	*
January 2038	100	34	34	34	34	9	2	*	*
January 2039	100	27	27	27	27	7	1	*	*
January 2040	100	21	21	21	21	5	1	*	*
January 2041	100	17	17	17	17	3	1	*	*
January 2042	100	13	13	13	13	2	*	*	*
January 2043	52	9	9	9	9	2	*	*	*
January 2044	6	6	6	6	6	1	*	*	*
January 2045	4	4	4	4	4	1	*	*	*
January 2046	2	2	2	2	2	*	*	*	*
January 2047	1	1	1	1	1	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	25.2	19.0	19.0	19.0	19.0	14.3	11.2	7.5	5.5

Z Class — PSA Prepayment Assumption

Date	0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	103	103	103	93	87	67	47	7	0
January 2020	106	106	106	79	62	9	0	0	0
January 2021	109	109	109	64	38	0	0	0	0
January 2022	113	113	113	54	21	0	0	0	0
January 2023	116	116	116	47	9	0	0	0	0
January 2024	120	120	120	43	3	0	0	0	0
January 2025	123	123	123	42	*	0	0	0	0
January 2026	127	127	126	42	0	0	0	0	0
January 2027	131	131	126	42	0	0	0	0	0
January 2028	135	135	124	40	0	0	0	0	0
January 2029	139	139	121	38	0	0	0	0	0
January 2030	143	143	116	36	0	0	0	0	0
January 2031	148	148	110	34	0	0	0	0	0
January 2032	152	141	103	31	0	0	0	0	0
January 2033	157	132	96	28	0	0	0	0	0
January 2034	162	123	88	26	0	0	0	0	0
January 2035	166	113	81	23	0	0	0	0	0
January 2036	171	103	73	20	0	0	0	0	0
January 2037	177	93	65	18	0	0	0	0	0
January 2038	182	83	57	15	0	0	0	0	0
January 2039	188	73	50	13	0	0	0	0	0
January 2040	193	63	43	11	0	0	0	0	0
January 2041	199	53	36	9	0	0	0	0	0
January 2042	205	44	30	7	0	0	0	0	0
January 2043	212	35	23	6	0	0	0	0	0
January 2044	210	26	17	4	0	0	0	0	0
January 2045	163	18	12	3	0	0	0	0	0
January 2046	113	10	7	2	0	0	0	0	0
January 2047	59	3	2	*	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.1	21.0	19.4	9.2	2.7	1.3	0.9	0.6	0.5

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

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

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

KA, KB and IK† Classes

Date	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	97	94	92	92	92	92	92	92	92	92	71
January 2020	94	85	78	78	78	78	78	78	64	26	0
January 2021	91	75	62	60	60	60	60	48	26	0	0
January 2022	88	64	47	45	45	45	45	27	10	0	0
January 2023	85	54	34	31	31	31	31	15	4	0	0
January 2024	81	45	22	22	22	22	22	9	2	0	0
January 2025	78	36	15	15	15	15	15	5	1	0	0
January 2026	74	28	10	10	10	10	10	3	*	0	0
January 2027	70	20	7	7	7	7	7	2	*	0	0
January 2028	66	12	5	5	5	5	5	1	*	0	0
January 2029	61	5	3	3	3	3	3	1	*	0	0
January 2030	56	2	2	2	2	2	2	*	*	0	0
January 2031	51	1	1	1	1	1	1	*	*	0	0
January 2032	46	1	1	1	1	1	1	*	*	0	0
January 2033	40	1	1	1	1	1	1	*	*	0	0
January 2034	34	*	*	*	*	*	*	*	*	0	0
January 2035	28	*	*	*	*	*	*	*	*	0	0
January 2036	22	*	*	*	*	*	*	*	*	0	0
January 2037	15	*	*	*	*	*	*	*	*	0	0
January 2038	7	*	*	*	*	*	*	*	*	0	0
January 2039	*	*	*	*	*	*	*	*	0	0	0
January 2040	*	*	*	*	*	*	*	*	0	0	0
January 2041	*	*	*	*	*	*	*	*	0	0	0
January 2042	*	*	*	*	*	*	*	*	0	0	0
January 2043	*	*	*	*	*	*	*	*	0	0	0
January 2044	*	*	*	*	*	*	*	*	0	0	0
January 2045	*	*	*	*	*	*	*	*	0	0	0
January 2046	0	0	0	0	0	0	0	*	0	0	0
January 2047	0	0	0	0	0	0	0	*	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	12.4	5.8	4.3	4.3	4.3	4.3	4.3	3.3	2.5	1.6	1.2

UZ Class

Date	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	103	103	103	103	97	91	84	71	52	6	0
January 2020	106	106	106	106	88	68	50	15	0	0	0
January 2021	109	109	109	109	77	46	17	0	0	0	0
January 2022	113	113	113	113	72	34	3	0	0	0	0
January 2023	116	116	116	116	70	30	*	0	0	0	0
January 2024	120	120	120	114	66	27	*	0	0	0	0
January 2025	123	123	115	108	59	24	*	0	0	0	0
January 2026	127	127	106	99	52	20	*	0	0	0	0
January 2027	131	131	96	89	45	16	*	0	0	0	0
January 2028	135	135	86	79	38	13	*	0	0	0	0
January 2029	139	139	76	69	31	10	*	0	0	0	0
January 2030	143	132	66	60	26	8	*	0	0	0	0
January 2031	148	120	58	52	21	6	*	0	0	0	0
January 2032	152	109	50	44	17	5	*	0	0	0	0
January 2033	157	99	42	38	14	4	*	0	0	0	0
January 2034	162	89	36	32	11	3	*	0	0	0	0
January 2035	166	79	30	27	9	2	*	0	0	0	0
January 2036	171	70	25	22	7	1	*	0	0	0	0
January 2037	177	62	21	18	5	1	*	0	0	0	0
January 2038	182	54	17	15	4	1	*	0	0	0	0
January 2039	186	46	14	12	3	1	*	0	0	0	0
January 2040	171	39	11	10	2	*	*	0	0	0	0
January 2041	154	33	9	7	2	*	*	0	0	0	0
January 2042	136	27	7	6	1	*	*	0	0	0	0
January 2043	117	21	5	4	1	*	*	0	0	0	0
January 2044	96	16	4	3	1	*	*	0	0	0	0
January 2045	75	11	2	2	*	*	*	0	0	0	0
January 2046	51	7	1	1	*	*	*	0	0	0	0
January 2047	26	3	*	*	*	*	*	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	25.9	18.8	13.9	13.4	8.7	4.6	2.1	1.4	1.0	0.6	0.5

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

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

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

KI† Class

Date	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	99	97	95	95	93	91	90	86	81	68	51
January 2020	98	91	86	86	80	75	70	60	46	19	0
January 2021	96	84	75	74	65	56	48	35	19	0	0
January 2022	95	78	65	64	52	42	33	20	7	0	0
January 2023	94	71	57	55	42	31	23	11	3	0	0
January 2024	92	66	49	47	34	23	16	6	1	0	0
January 2025	90	60	42	40	27	17	11	4	*	0	0
January 2026	89	55	37	35	22	13	7	2	*	0	0
January 2027	87	50	32	30	17	9	5	1	*	0	0
January 2028	85	46	27	25	14	7	3	1	*	0	0
January 2029	83	42	23	21	11	5	2	*	*	0	0
January 2030	80	38	20	18	9	4	2	*	*	0	0
January 2031	78	34	17	15	7	3	1	*	*	0	0
January 2032	75	31	14	13	5	2	1	*	*	0	0
January 2033	73	28	12	11	4	1	*	*	*	0	0
January 2034	70	25	10	9	3	1	*	*	*	0	0
January 2035	66	22	9	8	3	1	*	*	*	0	0
January 2036	63	20	7	6	2	1	*	*	*	0	0
January 2037	59	17	6	5	2	*	*	*	*	0	0
January 2038	56	15	5	4	1	*	*	*	*	0	0
January 2039	52	13	4	3	1	*	*	*	0	0	0
January 2040	47	11	3	3	1	*	*	*	0	0	0
January 2041	43	9	2	2	*	*	*	*	0	0	0
January 2042	38	7	2	2	*	*	*	*	0	0	0
January 2043	32	6	1	1	*	*	*	*	0	0	0
January 2044	27	4	1	1	*	*	*	*	0	0	0
January 2045	21	3	1	1	*	*	*	*	0	0	0
January 2046	14	2	*	*	*	*	*	*	0	0	0
January 2047	7	1	*	*	*	*	*	*	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	10.8	7.6	7.3	5.5	4.4	3.7	2.8	2.1	1.4	1.0

MA, IM†, MH, MJ, MK, ML, MN and IN† Classes

Date	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	98	95	94	93	91	91	91	91	91	83	62
January 2020	96	88	82	81	75	75	75	73	56	23	0
January 2021	93	79	68	67	56	56	56	42	23	0	0
January 2022	91	70	55	54	40	40	40	24	9	0	0
January 2023	89	62	44	42	27	27	27	14	3	0	0
January 2024	86	54	34	32	19	19	19	8	1	0	0
January 2025	83	47	26	23	13	13	13	4	1	0	0
January 2026	80	40	18	15	9	9	9	2	*	0	0
January 2027	77	33	11	8	6	6	6	1	*	0	0
January 2028	73	27	4	4	4	4	4	1	*	0	0
January 2029	70	21	3	3	3	3	3	*	*	0	0
January 2030	66	15	2	2	2	2	2	*	*	0	0
January 2031	62	10	1	1	1	1	1	*	*	0	0
January 2032	58	5	1	1	1	1	1	*	*	0	0
January 2033	53	1	1	1	1	1	1	*	*	0	0
January 2034	48	*	*	*	*	*	*	*	*	0	0
January 2035	43	*	*	*	*	*	*	*	*	0	0
January 2036	38	*	*	*	*	*	*	*	*	0	0
January 2037	32	*	*	*	*	*	*	*	*	0	0
January 2038	27	*	*	*	*	*	*	*	*	0	0
January 2039	20	*	*	*	*	*	*	*	0	0	0
January 2040	13	*	*	*	*	*	*	*	0	0	0
January 2041	6	*	*	*	*	*	*	*	0	0	0
January 2042	*	*	*	*	*	*	*	*	0	0	0
January 2043	*	*	*	*	*	*	*	*	0	0	0
January 2044	*	*	*	*	*	*	*	*	0	0	0
January 2045	*	*	*	*	*	*	*	*	0	0	0
January 2046	*	*	*	*	*	*	*	*	0	0	0
January 2047	*	*	*	*	*	*	*	*	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	14.6	7.0	5.0	4.8	4.0	4.0	4.0	3.1	2.4	1.6	1.1

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

MG, MB, MC, MD, ME and NI† Classes

Date	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	98	94	92	92	92	92	92	92	92	92	75
January 2020	95	86	79	79	79	79	79	79	68	27	0
January 2021	92	75	62	62	62	62	62	50	27	0	0
January 2022	89	64	46	46	46	46	46	29	11	0	0
January 2023	86	54	33	33	33	33	33	16	4	0	0
January 2024	83	45	23	23	23	23	23	9	2	0	0
January 2025	79	36	15	15	15	15	15	5	1	0	0
January 2026	76	28	11	11	11	11	11	3	*	0	0
January 2027	72	20	7	7	7	7	7	2	*	0	0
January 2028	68	12	5	5	5	5	5	1	*	0	0
January 2029	64	5	3	3	3	3	3	1	*	0	0
January 2030	59	2	2	2	2	2	2	*	*	0	0
January 2031	54	2	2	2	2	2	2	*	*	0	0
January 2032	49	1	1	1	1	1	1	*	*	0	0
January 2033	44	1	1	1	1	1	1	*	*	0	0
January 2034	38	*	*	*	*	*	*	*	*	0	0
January 2035	32	*	*	*	*	*	*	*	*	0	0
January 2036	26	*	*	*	*	*	*	*	*	0	0
January 2037	19	*	*	*	*	*	*	*	*	0	0
January 2038	12	*	*	*	*	*	*	*	*	0	0
January 2039	4	*	*	*	*	*	*	*	0	0	0
January 2040	*	*	*	*	*	*	*	*	0	0	0
January 2041	*	*	*	*	*	*	*	*	0	0	0
January 2042	*	*	*	*	*	*	*	*	0	0	0
January 2043	*	*	*	*	*	*	*	*	0	0	0
January 2044	*	*	*	*	*	*	*	*	0	0	0
January 2045	*	*	*	*	*	*	*	*	0	0	0
January 2046	*	*	*	*	*	*	*	*	0	0	0
January 2047	*	*	*	*	*	*	*	*	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	12.9	5.8	4.4	4.4	4.4	4.4	4.4	3.4	2.6	1.7	1.2

MU Class

Date	PSA Prepayment Assumption										
	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	99	87	87	87	87	87	36	0
January 2020	100	100	100	95	59	59	59	44	0	0	0
January 2021	100	100	100	92	28	28	28	0	0	0	0
January 2022	100	100	100	89	8	8	8	0	0	0	0
January 2023	100	100	100	87	*	*	*	0	0	0	0
January 2024	100	100	92	79	*	*	*	0	0	0	0
January 2025	100	100	75	61	*	*	*	0	0	0	0
January 2026	100	100	53	38	*	*	*	0	0	0	0
January 2027	100	100	28	13	*	*	*	0	0	0	0
January 2028	100	100	1	*	*	*	*	0	0	0	0
January 2029	100	100	*	*	*	*	*	0	0	0	0
January 2030	100	80	*	*	*	*	*	0	0	0	0
January 2031	100	52	*	*	*	*	*	0	0	0	0
January 2032	100	23	*	*	*	*	*	0	0	0	0
January 2033	100	*	*	*	*	*	*	0	0	0	0
January 2034	100	*	*	*	*	*	*	0	0	0	0
January 2035	100	*	*	*	*	*	*	0	0	0	0
January 2036	100	*	*	*	*	*	*	0	0	0	0
January 2037	100	*	*	*	*	*	*	0	0	0	0
January 2038	100	*	*	*	*	*	*	0	0	0	0
January 2039	100	*	*	*	*	*	*	0	0	0	0
January 2040	80	*	*	*	*	*	*	0	0	0	0
January 2041	38	*	*	*	*	*	*	0	0	0	0
January 2042	*	*	*	*	*	*	*	0	0	0	0
January 2043	*	*	*	*	*	*	*	0	0	0	0
January 2044	*	*	*	*	*	*	*	0	0	0	0
January 2045	*	*	*	*	*	*	*	0	0	0	0
January 2046	*	*	*	*	*	*	*	0	0	0	0
January 2047	*	*	*	*	*	*	*	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	22.7	13.1	8.0	7.0	2.3	2.3	2.3	1.8	1.4	1.0	0.7

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

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

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

Date	ZU Class PSA Prepayment Assumption 0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	104	104	104	104	104	93	83	63	32	0	0
January 2020	107	107	107	107	107	76	45	0	0	0	0
January 2021	111	111	111	111	111	59	12	0	0	0	0
January 2022	115	115	115	115	115	53	*	0	0	0	0
January 2023	119	119	119	119	116	51	0	0	0	0	0
January 2024	123	123	123	123	109	46	0	0	0	0	0
January 2025	128	128	128	128	99	39	0	0	0	0	0
January 2026	132	132	132	132	87	33	0	0	0	0	0
January 2027	137	137	137	137	74	27	0	0	0	0	0
January 2028	142	142	142	132	63	22	0	0	0	0	0
January 2029	147	147	126	116	52	17	0	0	0	0	0
January 2030	152	152	111	100	43	13	0	0	0	0	0
January 2031	158	158	96	87	35	10	0	0	0	0	0
January 2032	163	163	83	74	28	8	0	0	0	0	0
January 2033	169	165	71	63	23	6	0	0	0	0	0
January 2034	175	148	60	53	18	4	0	0	0	0	0
January 2035	181	133	51	45	14	3	0	0	0	0	0
January 2036	188	118	43	37	11	2	0	0	0	0	0
January 2037	194	103	36	31	9	2	0	0	0	0	0
January 2038	201	90	29	25	7	1	0	0	0	0	0
January 2039	208	78	24	20	5	1	0	0	0	0	0
January 2040	216	66	19	16	4	1	0	0	0	0	0
January 2041	223	56	15	13	3	*	0	0	0	0	0
January 2042	225	46	12	10	2	*	0	0	0	0	0
January 2043	193	36	9	7	1	*	0	0	0	0	0
January 2044	160	27	6	5	1	*	0	0	0	0	0
January 2045	124	19	4	3	1	*	0	0	0	0	0
January 2046	85	12	2	2	*	*	0	0	0	0	0
January 2047	44	5	1	1	*	*	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	27.2	21.1	16.1	15.6	11.4	6.2	1.9	1.2	0.8	0.5	0.4

Date	MI† Class PSA Prepayment Assumption 0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
January 2019	99	97	95	95	93	92	90	87	81	69	52
January 2020	98	91	86	86	81	75	70	61	47	19	0
January 2021	96	84	75	74	65	57	49	35	19	0	0
January 2022	95	78	65	64	53	42	33	20	7	0	0
January 2023	94	72	57	55	42	31	23	11	3	0	0
January 2024	92	66	49	47	34	23	16	6	1	0	0
January 2025	90	60	43	41	27	17	11	4	*	0	0
January 2026	89	55	37	35	22	13	7	2	*	0	0
January 2027	87	51	32	30	17	9	5	1	*	0	0
January 2028	85	46	27	25	14	7	3	1	*	0	0
January 2029	83	42	23	22	11	5	2	*	*	0	0
January 2030	80	38	20	18	9	4	2	*	*	0	0
January 2031	78	35	17	16	7	3	1	*	*	0	0
January 2032	75	31	15	13	5	2	1	*	*	0	0
January 2033	73	28	12	11	4	1	*	*	*	0	0
January 2034	70	25	10	9	3	1	*	*	*	0	0
January 2035	66	22	9	8	3	1	*	*	*	0	0
January 2036	63	20	7	6	2	1	*	*	*	0	0
January 2037	59	17	6	5	2	*	*	*	*	0	0
January 2038	56	15	5	4	1	*	*	*	*	0	0
January 2039	52	13	4	3	1	*	*	*	0	0	0
January 2040	47	11	3	3	1	*	*	*	0	0	0
January 2041	43	9	3	2	*	*	*	*	0	0	0
January 2042	38	8	2	2	*	*	*	*	0	0	0
January 2043	32	6	1	1	*	*	*	*	0	0	0
January 2044	27	5	1	1	*	*	*	*	0	0	0
January 2045	21	3	1	1	*	*	*	*	0	0	0
January 2046	14	2	*	*	*	*	*	*	0	0	0
January 2047	7	1	*	*	*	*	*	*	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	10.8	7.6	7.3	5.5	4.4	3.7	2.8	2.1	1.4	1.0

Date	LA Class PSA Prepayment Assumption 0%	100%	150%	180%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	99	95	93	93	93	93	93	93	91
January 2020	97	86	82	82	82	82	79	63	48
January 2021	95	77	69	69	69	66	54	32	15
January 2022	94	68	58	58	58	49	35	13	0
January 2023	92	60	47	47	47	36	21	*	0
January 2024	90	52	38	38	38	25	10	0	0
January 2025	88	44	30	30	30	16	3	0	0
January 2026	85	38	22	22	22	9	0	0	0
January 2027	83	31	15	15	15	3	0	0	0
January 2028	80	25	10	10	10	0	0	0	0
January 2029	78	19	5	5	5	0	0	0	0
January 2030	75	14	1	1	1	0	0	0	0
January 2031	71	9	0	0	0	0	0	0	0
January 2032	68	5	0	0	0	0	0	0	0
January 2033	64	*	0	0	0	0	0	0	0
January 2034	60	0	0	0	0	0	0	0	0
January 2035	56	0	0	0	0	0	0	0	0
January 2036	51	0	0	0	0	0	0	0	0
January 2037	46	0	0	0	0	0	0	0	0
January 2038	41	0	0	0	0	0	0	0	0
January 2039	35	0	0	0	0	0	0	0	0
January 2040	29	0	0	0	0	0	0	0	0
January 2041	23	0	0	0	0	0	0	0	0
January 2042	16	0	0	0	0	0	0	0	0
January 2043	8	0	0	0	0	0	0	0	0
January 2044	*	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	16.8	6.8	5.2	5.2	5.2	4.3	3.5	2.5	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	LB Class PSA Prepayment Assumption									LY Class PSA Prepayment Assumption								
	0%	100%	150%	180%	225%	300%	400%	600%	800%	0%	100%	150%	180%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2021	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2022	100	100	100	100	100	100	100	100	62	100	100	100	100	100	100	100	100	100
January 2023	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100	100	65
January 2024	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	92	33
January 2025	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	58	17
January 2026	100	100	100	100	100	100	47	0	0	100	100	100	100	100	100	100	36	8
January 2027	100	100	100	100	100	100	0	0	0	100	100	100	100	100	100	89	22	4
January 2028	100	100	100	100	100	71	0	0	0	100	100	100	100	100	100	66	14	2
January 2029	100	100	100	100	100	9	0	0	0	100	100	100	100	100	100	48	9	1
January 2030	100	100	100	100	100	0	0	0	0	100	100	100	100	100	82	36	5	1
January 2031	100	100	56	56	56	0	0	0	0	100	100	100	100	100	65	26	3	*
January 2032	100	100	7	7	7	0	0	0	0	100	100	100	100	100	51	19	2	*
January 2033	100	100	0	0	0	0	0	0	0	100	100	85	85	85	40	14	1	*
January 2034	100	38	0	0	0	0	0	0	0	100	100	70	70	70	31	10	1	*
January 2035	100	0	0	0	0	0	0	0	0	100	89	58	58	58	24	7	*	*
January 2036	100	0	0	0	0	0	0	0	0	100	64	47	47	47	19	5	*	*
January 2037	100	0	0	0	0	0	0	0	0	100	40	38	38	38	14	4	*	*
January 2038	100	0	0	0	0	0	0	0	0	100	30	30	30	30	11	3	*	*
January 2039	100	0	0	0	0	0	0	0	0	100	24	24	24	24	8	2	*	*
January 2040	100	0	0	0	0	0	0	0	0	100	19	19	19	19	6	1	*	*
January 2041	100	0	0	0	0	0	0	0	0	100	14	14	14	14	4	1	*	*
January 2042	100	0	0	0	0	0	0	0	0	100	11	11	11	11	3	1	*	*
January 2043	100	0	0	0	0	0	0	0	0	100	8	8	8	8	2	*	*	*
January 2044	100	0	0	0	0	0	0	0	0	100	5	5	5	5	1	*	*	*
January 2045	0	0	0	0	0	0	0	0	0	83	3	3	3	3	1	*	*	*
January 2046	0	0	0	0	0	0	0	0	0	16	2	2	2	2	*	*	*	*
January 2047	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	26.4	15.9	13.2	13.2	13.2	10.4	8.0	5.4	4.1	27.5	19.7	18.7	18.7	18.7	15.2	11.9	8.0	5.9

Date	LC Class PSA Prepayment Assumption									LG Class PSA Prepayment Assumption								
	0%	100%	150%	180%	225%	300%	400%	600%	800%	0%	100%	150%	180%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	95	87	74	57	22	0	99	96	95	94	93	92	89	85	80
January 2020	100	100	100	85	64	28	0	0	0	98	90	87	85	82	77	71	60	49
January 2021	100	100	100	75	40	0	0	0	0	97	83	78	74	70	62	53	38	25
January 2022	100	100	100	68	23	0	0	0	0	95	77	69	65	59	50	40	24	13
January 2023	100	100	100	63	12	0	0	0	0	94	71	62	57	50	40	30	15	7
January 2024	100	100	100	59	4	0	0	0	0	93	65	55	50	43	32	22	9	3
January 2025	100	100	100	57	1	0	0	0	0	91	60	49	43	36	26	16	6	2
January 2026	100	100	100	56	*	0	0	0	0	89	55	44	38	30	21	12	4	1
January 2027	100	100	99	55	*	0	0	0	0	88	50	39	33	26	17	9	2	*
January 2028	100	100	96	53	*	0	0	0	0	86	46	34	28	21	13	7	1	*
January 2029	100	100	91	50	*	0	0	0	0	84	42	30	25	18	10	5	1	*
January 2030	100	100	86	46	*	0	0	0	0	82	38	26	21	15	8	4	1	*
January 2031	100	100	81	43	*	0	0	0	0	79	34	23	18	13	7	3	*	*
January 2032	100	100	75	39	*	0	0	0	0	77	31	20	16	10	5	2	*	*
January 2033	100	100	68	35	*	0	0	0	0	74	28	18	13	9	4	1	*	*
January 2034	100	100	62	32	*	0	0	0	0	71	25	15	11	7	3	1	*	*
January 2035	100	100	56	28	*	0	0	0	0	68	22	13	10	6	2	1	*	*
January 2036	100	100	50	25	*	0	0	0	0	65	20	11	8	5	2	1	*	*
January 2037	100	100	44	22	*	0	0	0	0	61	17	10	7	4	1	*	*	*
January 2038	100	91	38	19	*	0	0	0	0	57	15	8	6	3	1	*	*	*
January 2039	100	80	33	16	*	0	0	0	0	53	13	7	5	2	1	*	*	*
January 2040	100	69	28	13	*	0	0	0	0	49	11	6	4	2	1	*	*	*
January 2041	100	59	23	11	*	0	0	0	0	44	9	4	3	1	*	*	*	*
January 2042	100	49	19	9	*	0	0	0	0	39	8	4	2	1	*	*	*	*
January 2043	100	39	15	7	*	0	0	0	0	34	6	3	2	1	*	*	*	*
January 2044	100	30	11	5	*	0	0	0	0	28	4	2	1	1	*	*	*	*
January 2045	100	21	7	3	*	0	0	0	0	22	3	1	1	*	*	*	*	0
January 2046	100	12	4	2	*	0	0	0	0	15	2	1	*	*	*	*	*	0
January 2047	58	4	2	1	*	0	0	0	0	8	1	*	*	*	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.2	24.1	18.4	11.2	2.8	1.5	1.1	0.7	0.6	19.9	10.7	8.7	7.7	6.6	5.3	4.2	3.0	2.3

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

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

Date	LW Class									LD Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	150%	180%	225%	300%	400%	600%	800%	0%	100%	150%	180%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100	99	95	94	94	94	94	94	94	91
January 2020	100	100	100	100	100	100	100	100	100	97	87	83	83	83	83	80	65	51
January 2021	100	100	100	100	100	100	100	100	100	96	78	71	71	71	68	56	36	20
January 2022	100	100	100	100	100	100	100	100	88	94	70	60	60	60	52	39	18	4
January 2023	100	100	100	100	100	100	100	100	45	92	62	50	50	50	39	25	6	0
January 2024	100	100	100	100	100	100	100	64	23	90	55	42	42	42	29	16	0	0
January 2025	100	100	100	100	100	100	100	40	12	88	48	34	34	34	21	8	0	0
January 2026	100	100	100	100	100	100	84	25	6	86	41	26	26	26	14	3	0	0
January 2027	100	100	100	100	100	100	62	16	3	84	35	20	20	20	8	0	0	0
January 2028	100	100	100	100	100	91	46	10	2	82	29	15	15	15	4	0	0	0
January 2029	100	100	100	100	100	72	34	6	1	79	24	10	10	10	1	0	0	0
January 2030	100	100	100	100	100	57	25	4	*	76	19	6	6	6	0	0	0	0
January 2031	100	100	87	87	87	45	18	2	*	73	14	3	3	3	0	0	0	0
January 2032	100	100	72	72	72	36	13	1	*	70	10	*	*	*	0	0	0	0
January 2033	100	100	60	60	60	28	10	1	*	66	6	0	0	0	0	0	0	0
January 2034	100	81	49	49	49	22	7	1	*	62	2	0	0	0	0	0	0	0
January 2035	100	62	40	40	40	17	5	*	*	58	0	0	0	0	0	0	0	0
January 2036	100	45	33	33	33	13	4	*	*	54	0	0	0	0	0	0	0	0
January 2037	100	28	26	26	26	10	3	*	*	49	0	0	0	0	0	0	0	0
January 2038	100	21	21	21	21	8	2	*	*	44	0	0	0	0	0	0	0	0
January 2039	100	17	17	17	17	6	1	*	*	39	0	0	0	0	0	0	0	0
January 2040	100	13	13	13	13	4	1	*	*	33	0	0	0	0	0	0	0	0
January 2041	100	10	10	10	10	3	1	*	*	27	0	0	0	0	0	0	0	0
January 2042	100	8	8	8	8	2	*	*	*	21	0	0	0	0	0	0	0	0
January 2043	100	5	5	5	5	2	*	*	*	13	0	0	0	0	0	0	0	0
January 2044	100	4	4	4	4	1	*	*	*	6	0	0	0	0	0	0	0	0
January 2045	58	2	2	2	2	1	*	*	*	0	0	0	0	0	0	0	0	0
January 2046	11	1	1	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2047	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	27.2	18.5	17.0	17.0	17.0	13.7	10.7	7.2	5.3	17.3	7.3	5.7	5.7	5.7	4.7	3.7	2.7	2.2

Date	AP, LI†, LP and BP Classes									PL Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	120%	170%	200%	300%	400%	600%	800%	0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	98	91	89	89	89	89	87	73	60	100	100	100	100	100	100	100	100	100
January 2020	96	81	79	79	79	74	63	44	27	100	100	100	100	100	100	100	100	100
January 2021	94	72	69	69	69	58	45	24	10	100	100	100	100	100	100	100	100	100
January 2022	92	64	59	59	59	45	31	12	1	100	100	100	100	100	100	100	100	100
January 2023	90	56	51	51	51	34	21	5	0	100	100	100	100	100	100	100	100	59
January 2024	87	48	43	43	43	26	14	0	0	100	100	100	100	100	100	100	100	30
January 2025	85	41	36	36	36	19	8	0	0	100	100	100	100	100	100	100	62	15
January 2026	82	35	29	29	29	13	4	0	0	100	100	100	100	100	100	100	39	8
January 2027	79	28	24	24	24	9	1	0	0	100	100	100	100	100	100	100	24	4
January 2028	76	22	19	19	19	5	0	0	0	100	100	100	100	100	100	80	15	2
January 2029	72	17	15	15	15	3	0	0	0	100	100	100	100	100	100	58	9	1
January 2030	69	12	11	11	11	*	0	0	0	100	100	100	100	100	100	43	6	*
January 2031	65	8	8	8	8	0	0	0	0	100	100	100	100	100	82	31	3	*
January 2032	61	6	6	6	6	0	0	0	0	100	100	100	100	100	64	22	2	*
January 2033	57	3	3	3	3	0	0	0	0	100	100	100	100	100	49	16	1	*
January 2034	53	1	1	1	1	0	0	0	0	100	100	100	100	100	38	11	1	*
January 2035	48	0	0	0	0	0	0	0	0	100	95	95	95	95	29	8	*	*
January 2036	43	0	0	0	0	0	0	0	0	100	77	77	77	77	22	6	*	*
January 2037	38	0	0	0	0	0	0	0	0	100	62	62	62	62	16	4	*	*
January 2038	32	0	0	0	0	0	0	0	0	100	49	49	49	49	12	3	*	*
January 2039	27	0	0	0	0	0	0	0	0	100	38	38	38	38	9	2	*	*
January 2040	20	0	0	0	0	0	0	0	0	100	29	29	29	29	6	1	*	*
January 2041	14	0	0	0	0	0	0	0	0	100	21	21	21	21	4	1	*	*
January 2042	7	0	0	0	0	0	0	0	0	100	14	14	14	14	3	*	*	*
January 2043	0	0	0	0	0	0	0	0	0	88	9	9	9	9	2	*	*	*
January 2044	0	0	0	0	0	0	0	0	0	5	5	5	5	5	1	*	*	*
January 2045	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	*
January 2046	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0
January 2047	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	15.4	6.4	5.9	5.9	5.9	4.3	3.2	2.1	1.5	25.4	20.5	20.5	20.5	20.5	15.9	12.4	8.1	5.7

* 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	LZ Class PSA Prepayment Assumption 0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	103	103	103	82	69	26	0	0	0
January 2020	106	106	106	66	43	0	0	0	0
January 2021	109	109	109	55	24	0	0	0	0
January 2022	113	113	113	48	11	0	0	0	0
January 2023	116	116	116	43	4	0	0	0	0
January 2024	120	120	120	41	*	0	0	0	0
January 2025	123	123	123	42	0	0	0	0	0
January 2026	127	127	123	41	0	0	0	0	0
January 2027	131	131	122	40	0	0	0	0	0
January 2028	135	135	118	38	0	0	0	0	0
January 2029	139	139	113	36	0	0	0	0	0
January 2030	143	143	107	33	0	0	0	0	0
January 2031	148	137	101	31	0	0	0	0	0
January 2032	152	128	93	28	0	0	0	0	0
January 2033	157	119	86	25	0	0	0	0	0
January 2034	162	109	78	22	0	0	0	0	0
January 2035	166	98	70	20	0	0	0	0	0
January 2036	171	88	62	17	0	0	0	0	0
January 2037	177	77	54	15	0	0	0	0	0
January 2038	182	67	46	12	0	0	0	0	0
January 2039	188	57	39	10	0	0	0	0	0
January 2040	193	47	32	8	0	0	0	0	0
January 2041	199	37	25	6	0	0	0	0	0
January 2042	205	28	19	5	0	0	0	0	0
January 2043	212	19	12	3	0	0	0	0	0
January 2044	209	10	7	2	0	0	0	0	0
January 2045	163	3	2	*	0	0	0	0	0
January 2046	112	1	1	*	0	0	0	0	0
January 2047	58	*	*	*	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.1	19.6	18.1	8.2	2.0	0.7	0.4	0.2	0.2

Date	IO† Class PSA Prepayment Assumption 0%	100%	120%	170%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
January 2019	99	93	92	89	87	82	76	66	55
January 2020	98	86	83	78	76	66	57	42	29
January 2021	96	79	76	69	65	53	43	26	15
January 2022	95	72	69	60	56	43	32	16	7
January 2023	94	66	62	53	48	34	23	10	4
January 2024	92	61	56	46	41	27	17	6	2
January 2025	90	55	51	40	35	22	13	4	1
January 2026	89	50	46	35	30	17	9	2	*
January 2027	87	46	41	31	26	14	7	2	*
January 2028	85	42	37	26	22	11	5	1	*
January 2029	83	38	33	23	18	8	4	1	*
January 2030	80	34	29	20	15	7	3	*	*
January 2031	78	30	26	17	13	5	2	*	*
January 2032	75	27	23	14	11	4	1	*	*
January 2033	73	24	20	12	9	3	1	*	*
January 2034	70	21	17	10	7	2	1	*	*
January 2035	66	18	15	9	6	2	1	*	*
January 2036	63	16	13	7	5	1	*	*	*
January 2037	59	14	11	6	4	1	*	*	*
January 2038	56	12	9	5	3	1	*	*	*
January 2039	52	10	7	4	2	1	*	*	*
January 2040	47	8	6	3	2	*	*	*	*
January 2041	43	6	4	2	1	*	*	*	*
January 2042	38	4	3	1	1	*	*	*	*
January 2043	32	3	2	1	1	*	*	*	*
January 2044	27	2	1	*	*	*	*	*	0
January 2045	21	*	*	*	*	*	*	*	0
January 2046	14	*	*	*	*	*	*	*	0
January 2047	7	*	*	*	*	*	*	0	0
January 2048	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	9.7	8.8	7.1	6.4	4.6	3.5	2.3	1.6

Date	AI† Class PSA Prepayment Assumption 0%	100%	200%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100
January 2019	99	91	85	79	73	62	50
January 2020	98	83	73	63	54	38	24
January 2021	97	76	62	50	39	23	11
January 2022	95	69	52	39	28	13	6
January 2023	94	62	44	30	20	8	3
January 2024	92	56	37	23	14	5	1
January 2025	91	50	31	18	10	3	1
January 2026	89	45	25	14	7	2	*
January 2027	87	39	21	10	5	1	*
January 2028	85	35	17	8	4	1	*
January 2029	83	30	14	6	2	*	*
January 2030	81	26	11	4	2	*	*
January 2031	78	22	9	3	1	*	*
January 2032	75	19	7	2	1	*	*
January 2033	73	15	5	2	1	*	*
January 2034	69	12	4	1	*	*	*
January 2035	66	9	3	1	*	*	*
January 2036	63	7	2	1	*	*	*
January 2037	59	5	1	*	*	*	*
January 2038	55	3	1	*	*	*	*
January 2039	51	1	*	*	*	*	*
January 2040	46	*	*	*	*	*	0
January 2041	41	*	*	*	*	*	0
January 2042	36	*	*	*	*	*	0
January 2043	30	*	*	*	*	*	0
January 2044	24	0	0	0	0	0	0
January 2045	17	0	0	0	0	0	0
January 2046	10	0	0	0	0	0	0
January 2047	4	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.4	8.1	5.6	4.1	3.1	2.0	1.4

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

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

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

	FC and SC† Classes									CP Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**120%**	**170%**	**200%**	**300%**	**400%**	**600%**	**800%**	**0%**	**100%**	**120%**	**170%**	**200%**	**300%**	**400%**	**600%**	**800%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	99	96	96	94	94	92	89	85	80	98	94	94	94	94	94	94	94	90
January 2020	98	90	89	85	83	77	71	60	49	96	86	84	84	84	84	78	63	48
January 2021	96	83	81	75	72	62	53	37	25	94	76	73	73	73	66	54	33	16
January 2022	95	76	73	66	62	50	39	23	13	91	66	62	62	62	50	36	15	*
January 2023	94	70	67	58	53	40	29	15	6	89	58	53	53	53	37	22	3	0
January 2024	92	65	60	51	46	32	22	9	3	86	50	44	44	44	26	12	0	0
January 2025	90	59	55	45	39	26	16	6	2	83	42	36	36	36	17	5	0	0
January 2026	89	54	49	39	34	20	12	4	1	80	35	28	28	28	11	0	0	0
January 2027	87	49	45	34	29	16	9	2	*	77	28	22	22	22	5	0	0	0
January 2028	85	45	40	30	25	13	7	1	*	74	21	16	16	16	1	0	0	0
January 2029	83	41	36	26	21	10	5	1	*	70	15	11	11	11	0	0	0	0
January 2030	80	37	32	22	18	8	4	1	*	67	9	7	7	7	0	0	0	0
January 2031	78	34	29	19	15	6	3	*	*	63	4	3	3	3	0	0	0	0
January 2032	75	30	26	17	13	5	2	*	*	59	*	*	*	*	0	0	0	0
January 2033	73	27	23	14	11	4	1	*	*	54	0	0	0	0	0	0	0	0
January 2034	70	24	20	12	9	3	1	*	*	49	0	0	0	0	0	0	0	0
January 2035	66	22	18	10	7	2	1	*	*	44	0	0	0	0	0	0	0	0
January 2036	63	19	15	9	6	2	1	*	*	39	0	0	0	0	0	0	0	0
January 2037	59	17	13	7	5	1	*	*	*	33	0	0	0	0	0	0	0	0
January 2038	56	14	11	6	4	1	*	*	*	28	0	0	0	0	0	0	0	0
January 2039	52	12	10	5	3	1	*	*	*	21	0	0	0	0	0	0	0	0
January 2040	47	11	8	4	3	1	*	*	*	14	0	0	0	0	0	0	0	0
January 2041	43	9	7	3	2	*	*	*	*	7	0	0	0	0	0	0	0	0
January 2042	38	7	5	2	2	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2043	32	6	4	2	1	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2044	27	4	3	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2045	21	3	2	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2046	14	2	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2047	7	1	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	10.6	9.7	7.9	7.1	5.3	4.2	3.0	2.3	14.7	6.4	5.9	5.9	5.9	4.4	3.5	2.6	2.1

	CD Class									CZ Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**120%**	**170%**	**200%**	**300%**	**400%**	**600%**	**800%**	**0%**	**100%**	**120%**	**170%**	**200%**	**300%**	**400%**	**600%**	**800%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100	103	103	103	94	88	70	51	14	0
January 2020	100	100	100	100	100	100	100	100	100	106	106	106	80	64	14	0	0	0
January 2021	100	100	100	100	100	100	100	100	100	109	109	109	65	39	0	0	0	0
January 2022	100	100	100	100	100	100	100	100	100	113	113	113	55	22	0	0	0	0
January 2023	100	100	100	100	100	100	100	100	52	116	116	116	48	10	0	0	0	0
January 2024	100	100	100	100	100	100	100	73	26	120	120	120	44	3	0	0	0	0
January 2025	100	100	100	100	100	100	100	46	13	123	123	123	42	*	0	0	0	0
January 2026	100	100	100	100	100	100	95	28	7	127	127	126	43	*	0	0	0	0
January 2027	100	100	100	100	100	100	70	18	3	131	131	127	42	*	0	0	0	0
January 2028	100	100	100	100	100	100	52	11	2	135	135	125	41	*	0	0	0	0
January 2029	100	100	100	100	100	82	38	7	1	139	139	121	39	*	0	0	0	0
January 2030	100	100	100	100	100	65	28	4	*	143	143	117	37	*	0	0	0	0
January 2031	100	100	100	100	100	51	20	3	*	148	148	111	34	*	0	0	0	0
January 2032	100	100	100	100	100	40	15	2	*	152	142	104	31	*	0	0	0	0
January 2033	100	85	85	85	85	31	11	1	*	157	133	97	29	*	0	0	0	0
January 2034	100	71	71	71	71	25	8	1	*	162	124	89	26	*	0	0	0	0
January 2035	100	59	59	59	59	19	6	*	*	166	114	82	23	*	0	0	0	0
January 2036	100	49	49	49	49	15	4	*	*	171	104	74	21	*	0	0	0	0
January 2037	100	40	40	40	40	11	3	*	*	177	94	66	18	*	0	0	0	0
January 2038	100	33	33	33	33	8	2	*	*	182	84	59	16	*	0	0	0	0
January 2039	100	26	26	26	26	6	1	*	*	188	74	51	13	*	0	0	0	0
January 2040	100	21	21	21	21	5	1	*	*	193	64	44	11	*	0	0	0	0
January 2041	100	16	16	16	16	3	1	*	*	199	55	37	9	*	0	0	0	0
January 2042	98	12	12	12	12	2	*	*	*	205	45	31	8	*	0	0	0	0
January 2043	50	9	9	9	9	2	*	*	*	212	36	24	6	*	0	0	0	0
January 2044	6	6	6	6	6	1	*	*	*	210	28	18	4	*	0	0	0	0
January 2045	4	4	4	4	4	1	*	*	*	163	20	13	3	*	0	0	0	0
January 2046	2	2	2	2	2	*	*	*	*	113	12	8	2	*	0	0	0	0
January 2047	1	1	1	1	1	*	*	*	0	59	4	3	1	*	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	25.1	18.9	18.9	18.9	18.9	14.2	11.1	7.5	5.5	28.1	21.2	19.6	9.3	2.8	1.4	1.0	0.7	0.5

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

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

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

	SB† Class									PI† Class										
	PSA Prepayment Assumption									PSA Prepayment Assumption										
Date	0%	100%	120%	170%	200%	300%	400%	600%	800%	0%	100%	190%	202%	298%	400%	500%	700%	1000%	1700%	2600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	99	96	95	94	94	91	89	84	79	98	96	94	94	93	92	90	88	85	76	58
January 2020	98	90	88	85	83	77	70	59	48	97	89	84	83	79	76	73	66	52	21	0
January 2021	96	83	80	75	72	62	52	37	24	95	81	71	70	63	57	52	39	21	0	0
January 2022	95	76	73	66	62	49	39	23	12	93	73	60	58	49	42	37	22	8	0	0
January 2023	94	70	66	58	53	40	29	14	6	91	66	49	48	37	31	26	13	3	0	0
January 2024	92	64	60	51	46	32	22	9	3	89	59	41	39	29	22	17	7	1	0	0
January 2025	90	59	54	44	39	25	16	6	2	86	53	33	32	22	16	12	4	*	0	0
January 2026	89	54	49	39	34	20	12	4	1	84	47	28	26	17	12	8	2	*	0	0
January 2027	87	49	44	34	29	16	9	2	*	81	41	23	21	13	8	6	1	*	0	0
January 2028	85	45	40	29	24	13	6	1	*	79	35	18	17	10	6	4	1	*	0	0
January 2029	83	41	36	26	21	10	5	1	*	76	30	15	14	8	4	3	*	*	0	0
January 2030	80	37	32	22	18	8	3	1	*	73	26	13	12	6	3	2	*	*	0	0
January 2031	78	33	29	19	15	6	3	*	*	69	23	11	10	5	2	1	*	*	0	0
January 2032	75	30	25	16	13	5	2	*	*	66	20	9	8	4	2	1	*	*	0	0
January 2033	73	27	22	14	11	4	1	*	*	62	17	8	7	3	1	1	*	*	0	0
January 2034	70	24	20	12	9	3	1	*	*	58	15	6	6	2	1	*	*	*	0	0
January 2035	66	21	17	10	7	2	1	*	*	54	14	5	5	2	1	*	*	*	0	0
January 2036	63	19	15	9	6	2	*	*	*	50	12	4	4	1	*	*	*	*	0	0
January 2037	59	16	13	7	5	1	*	*	*	45	11	4	3	1	*	*	*	*	0	0
January 2038	56	14	11	6	4	1	*	*	*	40	9	3	3	1	*	*	*	*	0	0
January 2039	52	12	9	5	3	1	*	*	*	35	8	2	2	1	*	*	*	0	0	0
January 2040	47	10	8	4	3	1	*	*	*	31	7	2	2	*	*	*	*	0	0	0
January 2041	43	9	7	3	2	*	*	*	*	27	6	2	1	*	*	*	*	0	0	0
January 2042	38	7	5	2	2	*	*	*	*	23	5	1	1	*	*	*	*	0	0	0
January 2043	32	6	4	2	1	*	*	*	*	20	4	1	1	*	*	*	*	0	0	0
January 2044	27	4	3	1	1	*	*	*	*	16	3	1	1	*	*	*	*	0	0	0
January 2045	21	3	2	1	1	*	*	*	0	13	2	*	*	*	*	*	*	0	0	0
January 2046	14	2	1	*	*	*	*	*	0	9	1	*	*	*	*	*	*	0	0	0
January 2047	7	1	*	*	*	*	*	*	0	4	*	*	*	*	*	*	*	0	0	0
January 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)**	19.6	10.5	9.6	7.9	7.1	5.2	4.1	2.9	2.3	17.2	9.1	6.4	6.2	5.0	4.3	3.9	3.0	2.2	1.5	1.1

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

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

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

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, the LG Class will be treated as having been issued at a premium, and certain other Classes of REMIC Certificates may be treated as having been issued at a premium. See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—*Regular Certificates Purchased at a Premium*" in the REMIC Prospectus.

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

Group	Prepayment Assumption
1	170% PSA
2	400% PSA
3	400% PSA
4	180% PSA
5	170% PSA
6	200% PSA
7	170% 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. The MB, NI, MC, MD, ME, MH, IN, MJ, MK and ML Classes are Classes of Strip RCR Certificates. The remaining RCR Classes are Classes of 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 Credit Suisse Securities (USA) LLC (the "Dealer") in exchange for the Trust MBS and the Group 6 Underlying REMIC Certificates. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

CREDIT RISK RETENTION

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

EUROPEAN ECONOMIC AREA RISK RETENTION

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

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

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

In determining the extent to which the EEA Risk Retention Regulations apply to the Transaction, investors subject to the EEA Risk Retention Regulations may wish to consider the guidance appearing in the preamble to the regulatory technical standards contained in Commission Delegated Regulation (EU) No. 625/2014 of March 13, 2014, which provides in relevant part: "Where an entity securitises its own liabilities, alignment of interest is established automatically, regardless of whether the final debtor collateralises its debt. Where it is clear that the credit risk remains with the originator the retention of interest by the originator is unnecessary, and would not improve on the pre-existing position." We will remain fully liable under the Guaranty Obligations. We do not intend to collateralize any of our credit exposure under the Guaranty Obligations or the certificates.

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

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

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

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

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

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

LEGAL MATTERS

Katten Muchin Rosenman LLP will provide legal representation for Fannie Mae. Morgan, Lewis & Bockius LLP will provide legal representation for the Dealer.

Exhibit A

Group 6 Underlying REMIC Certificates

Underlying REMIC Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Notional Principal Balance of Class	January 2018 Class Factor	Notional Principal Balance in the Lower Tier REMIC	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
2017-53	AI	June 2017	3136AW3Y1	4.5%	FIX/IO	February 2046	NTL	$ 7,122,053	0.86153045	$ 6,135,865.53	4.946%	262	88
2017-53	IO	June 2017	3136AW4B0	4.5	FIX/IO	July 2047	NTL	24,006,921	0.87676210	21,048,358.47	4.946	262	88
2017-97	AI	November 2017	3136B0BV7	4.5	FIX/IO	December 2047	NTL	22,237,591	0.95783526	21,299,948.76	4.934	262	89

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

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

Schedule 1

Available Recombinations(1)

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Class	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 1								
MG	$ 37,353,000	MB	$ 37,353,000	SEG(PAC)/PAC/AD	2.00%	FIX	3136B0US3	February 2048
		NI	9,338,250(3)	NTL	4.00	FIX/IO	3136B0UW4	February 2048
Recombination 2								
MG	37,353,000	MC	37,353,000	SEG(PAC)/PAC/AD	2.25	FIX	3136B0UT1	February 2048
		NI	7,003,688(3)	NTL	4.00	FIX/IO	3136B0UW4	February 2048
Recombination 3								
MG	37,353,000	MD	37,353,000	SEG(PAC)/PAC/AD	2.50	FIX	3136B0UU8	February 2048
		NI	4,669,125(3)	NTL	4.00	FIX/IO	3136B0UW4	February 2048
Recombination 4								
MG	37,353,000	ME	37,353,000	SEG(PAC)/PAC/AD	2.75	FIX	3136B0UV6	February 2048
		NI	2,334,563(3)	NTL	4.00	FIX/IO	3136B0UW4	February 2048
Recombination 5								
MG	37,353,000	MH	44,892,820	PAC/AD	2.00	FIX	3136B0UX2	February 2048
MU	7,539,820	IN	11,223,205(3)	NTL	4.00	FIX/IO	3136B0VC7	February 2048
Recombination 6								
MG	37,353,000	MJ	44,892,820	PAC/AD	2.25	FIX	3136B0UY0	February 2048
MU	7,539,820	IN	8,417,404(3)	NTL	4.00	FIX/IO	3136B0VC7	February 2048
Recombination 7								
MG	37,353,000	MK	44,892,820	PAC/AD	2.50	FIX	3136B0UZ7	February 2048
MU	7,539,820	IN	5,611,603(3)	NTL	4.00	FIX/IO	3136B0VC7	February 2048
Recombination 8								
MG	37,353,000	ML	44,892,820	PAC/AD	2.75	FIX	3136B0VA1	February 2048
MU	7,539,820	IN	2,805,801(3)	NTL	4.00	FIX/IO	3136B0VC7	February 2048
Recombination 9								
MG	37,353,000	MN	44,892,820	PAC/AD	3.00	FIX	3136B0VB9	February 2048
MU	7,539,820							

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Class	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 10								
MI	$ 7,486,602(3)	PI(4)	$ 41,621,891(3)	NTL	4.00%	FIX/IO	3136B0VD5	February 2048
KI	18,066,250(3)							
IK	9,519,937(3)							
IM	6,549,102(3)							
Recombination 11								
LB	1,516,000	LW	4,999,000	PAC	3.00	FIX	3136B0VE3	February 2048
LY	3,483,000							
Recombination 12								
LA	25,000,000	LD	26,516,000	PAC	3.00	FIX	3136B0VF0	August 2046
LB	1,516,000							
Recombination 13								
AP	256,470,000	LP	256,470,000	PAC/AD	3.00	FIX	3136B0VG8	February 2047
LI	32,058,750(3)							
Recombination 14								
AP	128,235,000	BP	128,235,000	PAC/AD	3.50	FIX	3136B0VH6	February 2047
LI	32,058,750(3)							
Recombination 15								
SA	76,687,274(3)	SB(5)	130,875,402(3)	NTL	(6)	INV/IO	3136B0VJ2	February 2048
SC	54,188,128(3)							

(1) REMIC Certificates and RCR Certificates in any Recombination may be exchanged only in the proportions of *original* principal or notional principal balances for the related Classes shown in this Schedule 1 (disregarding any retired Classes). For example, if a particular Recombination includes two REMIC Classes and one RCR Class whose *original* principal balances shown in the schedule reflect a 1:1:2 relationship, the same 1:1:2 relationship among the *original* principal balances of those REMIC and RCR Classes must be maintained in any exchange. This is true even if, as a result of the applicable payment priority sequence, the relationship between their *current* principal balances has changed over time. Moreover, if as a result of a proposed exchange, a Certificateholder would hold a REMIC Certificate or RCR Certificate of a Class in an amount less than the applicable minimum denomination for that Class, the Certificateholder will be unable to effect the proposed exchange. See "Description of the Certificates—General— *Authorized Denominations"* in this prospectus supplement.

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

(3) Notional principal balances. These classes are interest only classes. See page S-7 for a description of how their notional principal balances are calculated.

(4) The PI Class is an RCR Class formed by a combination of the KI and IK Classes in Group 2 and the MI and IM Classes in Group 3.

(5) The SB Class is an RCR Class formed by a combination of the SA Class in Group 1 and the SC Class in Group 7.

(6) For a description of this interest rate, see "Summary – Interest Rates" in this prospectus supplement.

Principal Balance Schedules

Aggregate Group I Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$168,065,035.00	November 2022	$101,557,361.13	September 2027	$ 49,257,949.12
February 2018	167,468,512.54	December 2022	100,446,506.75	October 2027	48,606,272.75
March 2018	166,833,180.76	January 2023	99,342,578.56	November 2027	47,962,407.94
April 2018	166,159,294.70	February 2023	98,245,530.46	December 2027	47,326,265.59
May 2018	165,447,133.32	March 2023	97,155,316.64	January 2028	46,697,757.57
June 2018	164,696,999.34	April 2023	96,071,891.56	February 2028	46,076,796.77
July 2018	163,909,219.03	May 2023	94,995,210.00	March 2028	45,463,296.99
August 2018	163,084,141.93	June 2023	93,925,226.99	April 2028	44,857,173.03
September 2018	162,222,140.67	July 2023	92,861,897.84	May 2028	44,258,340.63
October 2018	161,323,610.60	August 2023	91,805,178.15	June 2028	43,666,716.43
November 2018	160,388,969.55	September 2023	90,755,023.79	July 2028	43,082,218.05
December 2018	159,418,657.47	October 2023	89,711,390.90	August 2028	42,504,763.98
January 2019	158,413,136.07	November 2023	88,674,235.91	September 2028	41,934,273.65
February 2019	157,372,888.44	December 2023	87,643,515.51	October 2028	41,370,667.35
March 2019	156,298,418.68	January 2024	86,619,186.64	November 2028	40,813,866.28
April 2019	155,190,251.45	February 2024	85,601,206.54	December 2028	40,263,792.52
May 2019	154,048,931.50	March 2024	84,589,532.70	January 2029	39,720,368.99
June 2019	152,875,023.27	April 2024	83,584,122.87	February 2029	39,183,519.50
July 2019	151,669,110.34	May 2024	82,584,935.07	March 2029	38,653,168.68
August 2019	150,431,794.95	June 2024	81,591,927.58	April 2029	38,129,242.01
September 2019	149,163,697.50	July 2024	80,605,058.93	May 2029	37,611,665.80
October 2019	147,865,455.93	August 2024	79,624,287.92	June 2029	37,100,367.19
November 2019	146,537,725.23	September 2024	78,649,573.61	July 2029	36,595,274.10
December 2019	145,181,176.82	October 2024	77,680,875.29	August 2029	36,096,315.29
January 2020	143,796,497.96	November 2024	76,718,152.52	September 2029	35,603,420.28
February 2020	142,420,554.11	December 2024	75,761,365.12	October 2029	35,116,519.41
March 2020	141,053,287.91	January 2025	74,810,473.14	November 2029	34,635,543.75
April 2020	139,694,642.38	February 2025	73,865,436.88	December 2029	34,160,425.19
May 2020	138,344,560.86	March 2025	72,926,216.91	January 2030	33,691,096.34
June 2020	137,002,987.07	April 2025	71,993,382.20	February 2030	33,227,490.58
July 2020	135,669,865.06	May 2025	71,071,550.38	March 2030	32,769,542.03
August 2020	134,345,139.26	June 2025	70,160,597.06	April 2030	32,317,185.53
September 2020	133,028,754.41	July 2025	69,260,399.21	May 2030	31,870,356.67
October 2020	131,720,655.61	August 2025	68,370,835.15	June 2030	31,428,991.74
November 2020	130,420,788.30	September 2025	67,491,784.55	July 2030	30,993,027.76
December 2020	129,129,098.26	October 2025	66,623,128.42	August 2030	30,562,402.44
January 2021	127,845,531.62	November 2025	65,764,749.06	September 2030	30,137,054.17
February 2021	126,570,034.83	December 2025	64,916,530.10	October 2030	29,716,922.07
March 2021	125,302,554.67	January 2026	64,078,356.44	November 2030	29,301,945.89
April 2021	124,043,038.26	February 2026	63,250,114.24	December 2030	28,892,066.10
May 2021	122,791,433.05	March 2026	62,431,690.93	January 2031	28,487,223.80
June 2021	121,547,686.81	April 2026	61,622,975.19	February 2031	28,087,360.76
July 2021	120,311,747.65	May 2026	60,823,856.91	March 2031	27,692,419.41
August 2021	119,083,563.98	June 2026	60,034,227.23	April 2031	27,302,342.81
September 2021	117,863,084.56	July 2026	59,253,978.47	May 2031	26,917,074.67
October 2021	116,650,258.43	August 2026	58,483,004.13	June 2031	26,536,559.32
November 2021	115,445,034.99	September 2026	57,721,198.92	July 2031	26,160,741.70
December 2021	114,247,363.92	October 2026	56,968,458.69	August 2031	25,789,567.40
January 2022	113,057,195.24	November 2026	56,224,680.45	September 2031	25,422,982.60
February 2022	111,874,479.26	December 2026	55,489,762.36	October 2031	25,060,934.07
March 2022	110,699,166.61	January 2027	54,763,603.68	November 2031	24,703,369.20
April 2022	109,531,208.23	February 2027	54,046,104.82	December 2031	24,350,235.95
May 2022	108,370,555.35	March 2027	53,337,167.27	January 2032	24,001,482.88
June 2022	107,217,159.53	April 2027	52,636,693.61	February 2032	23,657,059.11
July 2022	106,070,972.59	May 2027	51,944,587.51	March 2032	23,316,914.33
August 2022	104,931,946.69	June 2027	51,260,753.70	April 2032	22,980,998.83
September 2022	103,800,034.28	July 2027	50,585,097.97	May 2032	22,649,263.40
October 2022	102,675,188.08	August 2027	49,917,527.16	June 2032	22,321,659.43

Aggregate Group I (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
July 2032	$ 21,998,138.82	July 2037	$ 8,524,717.32	July 2042	$ 2,473,415.17
August 2032	21,678,654.05	August 2037	8,377,661.85	August 2042	2,409,957.87
September 2032	21,363,158.09	September 2037	8,232,560.88	September 2042	2,347,433.20
October 2032	21,051,604.46	October 2037	8,089,390.94	October 2042	2,285,829.43
November 2032	20,743,947.21	November 2037	7,948,128.81	November 2042	2,225,135.03
December 2032	20,440,140.89	December 2037	7,808,751.55	December 2042	2,165,338.54
January 2033	20,140,140.56	January 2038	7,671,236.48	January 2043	2,106,428.69
February 2033	19,843,901.80	February 2038	7,535,561.18	February 2043	2,048,394.31
March 2033	19,551,380.68	March 2038	7,401,703.47	March 2043	1,991,224.36
April 2033	19,262,533.77	April 2038	7,269,641.44	April 2043	1,934,907.94
May 2033	18,977,318.11	May 2038	7,139,353.43	May 2043	1,879,434.29
June 2033	18,695,691.25	June 2038	7,010,818.03	June 2043	1,824,792.74
July 2033	18,417,611.19	July 2038	6,884,014.06	July 2043	1,770,972.78
August 2033	18,143,036.43	August 2038	6,758,920.59	August 2043	1,717,964.01
September 2033	17,871,925.92	September 2038	6,635,516.95	September 2043	1,665,756.14
October 2033	17,604,239.08	October 2038	6,513,782.67	October 2043	1,614,339.02
November 2033	17,339,935.77	November 2038	6,393,697.54	November 2043	1,563,702.61
December 2033	17,078,976.33	December 2038	6,275,241.58	December 2043	1,513,837.00
January 2034	16,821,321.52	January 2039	6,158,395.04	January 2044	1,464,732.37
February 2034	16,566,932.57	February 2039	6,043,138.37	February 2044	1,416,379.04
March 2034	16,315,771.12	March 2039	5,929,452.29	March 2044	1,368,767.44
April 2034	16,067,799.26	April 2039	5,817,317.71	April 2044	1,321,888.09
May 2034	15,822,979.50	May 2039	5,706,715.76	May 2044	1,275,731.66
June 2034	15,581,274.78	June 2039	5,597,627.80	June 2044	1,230,288.90
July 2034	15,342,648.45	July 2039	5,490,035.39	July 2044	1,185,550.68
August 2034	15,107,064.27	August 2039	5,383,920.32	August 2044	1,141,507.98
September 2034	14,874,486.43	September 2039	5,279,264.58	September 2044	1,098,151.88
October 2034	14,644,879.51	October 2039	5,176,050.37	October 2044	1,055,473.57
November 2034	14,418,208.48	November 2039	5,074,260.07	November 2044	1,013,464.34
December 2034	14,194,438.72	December 2039	4,973,876.31	December 2044	972,115.58
January 2035	13,973,536.01	January 2040	4,874,881.89	January 2045	931,418.80
February 2035	13,755,466.50	February 2040	4,777,259.80	February 2045	891,365.60
March 2035	13,540,196.72	March 2040	4,680,993.25	March 2045	851,947.66
April 2035	13,327,693.60	April 2040	4,586,065.64	April 2045	813,156.78
May 2035	13,117,924.42	May 2040	4,492,460.54	May 2045	774,984.86
June 2035	12,910,856.85	June 2040	4,400,161.73	June 2045	737,423.89
July 2035	12,706,458.92	July 2040	4,309,153.17	July 2045	700,465.95
August 2035	12,504,699.01	August 2040	4,219,419.01	August 2045	664,103.21
September 2035	12,305,545.88	September 2040	4,130,943.58	September 2045	628,327.96
October 2035	12,108,968.62	October 2040	4,043,711.40	October 2045	593,132.54
November 2035	11,914,936.69	November 2040	3,957,707.14	November 2045	558,509.42
December 2035	11,723,419.89	December 2040	3,872,915.69	December 2045	524,451.14
January 2036	11,534,388.36	January 2041	3,789,322.07	January 2046	490,950.33
February 2036	11,347,812.59	February 2041	3,706,911.52	February 2046	457,999.70
March 2036	11,163,663.37	March 2041	3,625,669.41	March 2046	425,592.08
April 2036	10,981,911.88	April 2041	3,545,581.30	April 2046	393,720.34
May 2036	10,802,529.57	May 2041	3,466,632.92	May 2046	362,377.46
June 2036	10,625,488.24	June 2041	3,388,810.15	June 2046	331,556.51
July 2036	10,450,760.03	July 2041	3,312,099.05	July 2046	301,250.64
August 2036	10,278,317.35	August 2041	3,236,485.84	August 2046	271,453.05
September 2036	10,108,132.97	September 2041	3,161,956.89	September 2046	242,157.07
October 2036	9,940,179.94	October 2041	3,088,498.73	October 2046	213,356.07
November 2036	9,774,431.62	November 2041	3,016,098.06	November 2046	185,043.53
December 2036	9,610,861.70	December 2041	2,944,741.71	December 2046	157,212.99
January 2037	9,449,444.12	January 2042	2,874,416.69	January 2047	129,858.06
February 2037	9,290,153.17	February 2042	2,805,110.15	February 2047	102,972.45
March 2037	9,132,963.39	March 2042	2,736,809.38	March 2047	76,549.93
April 2037	8,977,849.64	April 2042	2,669,501.83	April 2047	50,584.35
May 2037	8,824,787.06	May 2042	2,603,175.10	May 2047	25,069.63
June 2037	8,673,751.05	June 2042	2,537,816.92	June 2047 and thereafter	0.00

Aggregate Group II Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$52,265,000.00	January 2023	$16,461,987.79	January 2028	$ 2,429,197.29
February 2018	52,038,093.53	February 2023	15,951,042.26	February 2028	2,351,905.03
March 2018	51,786,876.44	March 2023	15,455,794.33	March 2028	2,277,032.43
April 2018	51,511,440.26	April 2023	14,975,765.57	April 2028	2,204,504.66
May 2018	51,211,901.66	May 2023	14,510,492.06	May 2028	2,134,249.16
June 2018	50,888,402.47	June 2023	14,059,523.91	June 2028	2,066,195.61
July 2018	50,541,109.59	July 2023	13,622,424.88	July 2028	2,000,275.86
August 2018	50,170,214.83	August 2023	13,198,771.93	August 2028	1,936,423.81
September 2018	49,775,934.83	September 2023	12,788,154.83	September 2028	1,874,575.43
October 2018	49,358,510.80	October 2023	12,390,175.81	October 2028	1,814,668.62
November 2018	48,918,208.27	November 2023	12,004,449.14	November 2028	1,756,643.22
December 2018	48,455,316.83	December 2023	11,630,600.78	December 2028	1,700,440.87
January 2019	47,970,149.81	January 2024	11,268,268.05	January 2029	1,646,005.05
February 2019	47,463,043.83	February 2024	10,917,099.24	February 2029	1,593,280.95
March 2019	46,934,358.49	March 2024	10,576,753.34	March 2029	1,542,215.44
April 2019	46,384,475.81	April 2024	10,246,899.67	April 2029	1,492,757.03
May 2019	45,813,799.80	May 2024	9,927,217.58	May 2029	1,444,855.82
June 2019	45,222,755.91	June 2024	9,617,396.16	June 2029	1,398,463.42
July 2019	44,611,790.41	July 2024	9,317,133.92	July 2029	1,353,532.96
August 2019	43,981,369.84	August 2024	9,026,138.55	August 2029	1,310,018.99
September 2019	43,331,980.29	September 2024	8,744,126.60	September 2029	1,267,877.46
October 2019	42,664,126.77	October 2024	8,470,823.23	October 2029	1,227,065.67
November 2019	41,978,332.46	November 2024	8,205,961.94	November 2029	1,187,542.26
December 2019	41,275,137.94	December 2024	7,949,284.35	December 2029	1,149,267.11
January 2020	40,555,100.44	January 2025	7,700,539.90	January 2030	1,112,201.36
February 2020	39,818,792.99	February 2025	7,459,485.67	February 2030	1,076,307.34
March 2020	39,066,803.60	March 2025	7,225,886.11	March 2030	1,041,548.53
April 2020	38,299,734.37	April 2025	6,999,512.84	April 2030	1,007,889.54
May 2020	37,518,200.61	May 2025	6,780,144.42	May 2030	975,296.09
June 2020	36,744,935.67	June 2025	6,567,566.14	June 2030	943,734.93
July 2020	35,979,845.10	July 2025	6,361,569.84	July 2030	913,173.85
August 2020	35,222,835.49	August 2025	6,161,953.68	August 2030	883,581.63
September 2020	34,473,814.45	September 2025	5,968,521.95	September 2030	854,928.02
October 2020	33,732,690.60	October 2025	5,781,084.93	October 2030	827,183.70
November 2020	32,999,373.56	November 2025	5,599,458.64	November 2030	800,320.25
December 2020	32,273,773.94	December 2025	5,423,464.72	December 2030	774,310.13
January 2021	31,555,803.33	January 2026	5,252,930.25	January 2031	749,126.65
February 2021	30,845,374.31	February 2026	5,087,687.56	February 2031	724,743.95
March 2021	30,142,400.38	March 2026	4,927,574.10	March 2031	701,136.97
April 2021	29,446,796.03	April 2026	4,772,432.27	April 2031	678,281.43
May 2021	28,758,476.65	May 2026	4,622,109.27	May 2031	656,153.77
June 2021	28,077,358.59	June 2026	4,476,456.96	June 2031	634,731.20
July 2021	27,403,359.09	July 2026	4,335,331.73	July 2031	613,991.61
August 2021	26,736,396.33	August 2026	4,198,594.33	August 2031	593,913.59
September 2021	26,076,389.34	September 2026	4,066,109.76	September 2031	574,476.38
October 2021	25,423,258.09	October 2026	3,937,747.16	October 2031	555,659.86
November 2021	24,776,923.40	November 2026	3,813,379.64	November 2031	537,444.55
December 2021	24,137,306.95	December 2026	3,692,884.19	December 2031	519,811.57
January 2022	23,504,331.31	January 2027	3,576,141.56	January 2032	502,742.61
February 2022	22,877,919.87	February 2027	3,463,036.15	February 2032	486,219.95
March 2022	22,257,996.87	March 2027	3,353,455.86	March 2032	470,226.40
April 2022	21,644,487.39	April 2027	3,247,292.05	April 2032	454,745.32
May 2022	21,037,317.33	May 2027	3,144,439.37	May 2032	439,760.57
June 2022	20,436,413.38	June 2027	3,044,795.72	June 2032	425,256.52
July 2022	19,841,703.08	July 2027	2,948,262.10	July 2032	411,218.04
August 2022	19,253,114.71	August 2027	2,854,742.54	August 2032	397,630.44
September 2022	18,670,577.39	September 2027	2,764,144.00	September 2032	384,479.51
October 2022	18,094,020.98	October 2027	2,676,376.31	October 2032	371,751.47
November 2022	17,532,960.45	November 2027	2,591,352.02	November 2032	359,432.99
December 2022	16,989,124.26	December 2027	2,508,986.40	December 2032	347,511.11

Aggregate Group II (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
January 2033	$ 335,973.33	March 2037	$ 58,643.61	May 2041	$ 8,040.98
February 2033	324,807.49	April 2037	56,543.85	June 2041	7,684.43
March 2033	314,001.85	May 2037	54,514.73	July 2041	7,340.80
April 2033	303,545.00	June 2037	52,553.92	August 2041	7,009.66
May 2033	293,425.90	July 2037	50,659.22	September 2041	6,690.56
June 2033	283,633.86	August 2037	48,828.45	October 2041	6,383.10
July 2033	274,158.53	September 2037	47,059.54	November 2041	6,086.88
August 2033	264,989.86	October 2037	45,350.46	December 2041	5,801.51
September 2033	256,118.13	November 2037	43,699.26	January 2042	5,526.62
October 2033	247,533.92	December 2037	42,104.04	February 2042	5,261.85
November 2033	239,228.10	January 2038	40,562.96	March 2042	5,006.86
December 2033	231,191.83	February 2038	39,074.26	April 2042	4,761.29
January 2034	223,416.56	March 2038	37,636.21	May 2042	4,524.83
February 2034	215,893.97	April 2038	36,247.16	June 2042	4,297.16
March 2034	208,616.04	May 2038	34,905.48	July 2042	4,077.97
April 2034	201,574.98	June 2038	33,609.63	August 2042	3,866.98
May 2034	194,763.25	July 2038	32,358.09	September 2042	3,663.89
June 2034	188,173.54	August 2038	31,149.40	October 2042	3,468.43
July 2034	181,798.78	September 2038	29,982.16	November 2042	3,280.34
August 2034	175,632.11	October 2038	28,854.99	December 2042	3,099.35
September 2034	169,666.89	November 2038	27,766.57	January 2043	2,925.22
October 2034	163,896.70	December 2038	26,715.62	February 2043	2,757.71
November 2034	158,315.30	January 2039	25,700.90	March 2043	2,596.58
December 2034	152,916.65	February 2039	24,721.20	April 2043	2,441.61
January 2035	147,694.93	March 2039	23,775.38	May 2043	2,292.59
February 2035	142,644.46	April 2039	22,862.30	June 2043	2,149.29
March 2035	137,759.76	May 2039	21,980.88	July 2043	2,011.53
April 2035	133,035.52	June 2039	21,130.06	August 2043	1,879.10
May 2035	128,466.61	July 2039	20,308.83	September 2043	1,751.82
June 2035	124,048.03	August 2039	19,516.20	October 2043	1,629.50
July 2035	119,774.97	September 2039	18,751.22	November 2043	1,511.97
August 2035	115,642.75	October 2039	18,012.96	December 2043	1,399.05
September 2035	111,646.85	November 2039	17,300.54	January 2044	1,290.57
October 2035	107,782.89	December 2039	16,613.08	February 2044	1,186.39
November 2035	104,046.62	January 2040	15,949.75	March 2044	1,086.35
December 2035	100,433.93	February 2040	15,309.75	April 2044	990.29
January 2036	96,940.85	March 2040	14,692.29	May 2044	898.08
February 2036	93,563.51	April 2040	14,096.62	June 2044	809.57
March 2036	90,298.19	May 2040	13,521.99	July 2044	724.63
April 2036	87,141.27	June 2040	12,967.71	August 2044	643.13
May 2036	84,089.26	July 2040	12,433.09	September 2044	564.95
June 2036	81,138.75	August 2040	11,917.47	October 2044	489.97
July 2036	78,286.48	September 2040	11,420.20	November 2044	418.06
August 2036	75,529.25	October 2040	10,940.66	December 2044	349.12
September 2036	72,864.01	November 2040	10,478.25	January 2045	283.04
October 2036	70,287.76	December 2040	10,034.04	February 2045	219.71
November 2036	67,797.62	January 2041	9,605.73	March 2045	159.02
December 2036	65,390.79	February 2041	9,192.78	April 2045	100.90
January 2037	63,064.58	March 2041	8,794.67	May 2045	45.23
February 2037	60,816.37	April 2041	8,410.90	June 2045 and thereafter	0.00

Aggregate Group III Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$49,892,820.00	May 2018	$48,927,460.51	September 2018	$47,487,134.20
February 2018	49,696,689.87	June 2018	48,611,305.80	October 2018	47,054,984.08
March 2018	49,470,335.87	July 2018	48,265,660.52	November 2018	46,594,804.27
April 2018	49,213,872.62	August 2018	47,890,822.32	December 2018	46,107,070.87

Aggregate Group III (Continued)

Distribution Date	Planned Balance
January 2019	$45,592,302.99
February 2019	45,051,061.89
March 2019	44,483,949.98
April 2019	43,891,609.77
May 2019	43,274,722.61
June 2019	42,634,007.44
July 2019	41,970,219.31
August 2019	41,284,147.93
September 2019	40,576,616.01
October 2019	39,848,477.60
November 2019	39,100,616.25
December 2019	38,333,943.20
January 2020	37,549,395.36
February 2020	36,747,933.36
March 2020	35,930,539.40
April 2020	35,098,215.16
May 2020	34,251,979.56
June 2020	33,419,749.61
July 2020	32,601,285.18
August 2020	31,796,350.13
September 2020	31,004,712.32
October 2020	30,226,143.49
November 2020	29,460,419.22
December 2020	28,707,318.88
January 2021	27,966,625.51
February 2021	27,238,125.83
March 2021	26,521,610.13
April 2021	25,816,872.22
May 2021	25,123,709.40
June 2021	24,441,922.35
July 2021	23,771,315.12
August 2021	23,111,695.05
September 2021	22,462,872.73
October 2021	21,824,661.92
November 2021	21,196,879.52
December 2021	20,579,345.51
January 2022	19,971,882.92
February 2022	19,374,317.72
March 2022	18,786,478.84
April 2022	18,208,198.08
May 2022	17,645,004.43
June 2022	17,099,067.37
July 2022	16,569,862.10
August 2022	16,056,879.66
September 2022	15,559,626.49
October 2022	15,077,623.97
November 2022	14,610,407.93
December 2022	14,157,528.26
January 2023	13,718,548.46
February 2023	13,293,045.22
March 2023	12,880,608.07
April 2023	12,480,838.94
May 2023	12,093,351.84
June 2023	11,717,772.42
July 2023	11,353,737.72
August 2023	11,000,895.72
September 2023	10,658,905.11
October 2023	10,327,434.89
November 2023	10,006,164.09
December 2023	9,694,781.50
January 2024	$ 9,392,985.30
February 2024	9,100,482.85
March 2024	8,816,990.37
April 2024	8,542,232.69
May 2024	8,275,942.99
June 2024	8,017,862.54
July 2024	7,767,740.46
August 2024	7,525,333.49
September 2024	7,290,405.75
October 2024	7,062,728.51
November 2024	6,842,080.01
December 2024	6,628,245.20
January 2025	6,421,015.58
February 2025	6,220,188.98
March 2025	6,025,569.36
April 2025	5,836,966.65
May 2025	5,654,196.57
June 2025	5,477,080.42
July 2025	5,305,444.93
August 2025	5,139,122.14
September 2025	4,977,949.15
October 2025	4,821,768.05
November 2025	4,670,425.72
December 2025	4,523,773.71
January 2026	4,381,668.08
February 2026	4,243,969.28
March 2026	4,110,542.00
April 2026	3,981,255.06
May 2026	3,855,981.29
June 2026	3,734,597.37
July 2026	3,616,983.74
August 2026	3,503,024.52
September 2026	3,392,607.32
October 2026	3,285,623.20
November 2026	3,181,966.54
December 2026	3,081,534.94
January 2027	2,984,229.13
February 2027	2,889,952.87
March 2027	2,798,612.84
April 2027	2,710,118.60
May 2027	2,624,382.46
June 2027	2,541,319.39
July 2027	2,460,846.99
August 2027	2,382,885.35
September 2027	2,307,357.02
October 2027	2,234,186.92
November 2027	2,163,302.25
December 2027	2,094,632.45
January 2028	2,028,109.13
February 2028	1,963,665.96
March 2028	1,901,238.66
April 2028	1,840,764.93
May 2028	1,782,184.36
June 2028	1,725,438.39
July 2028	1,670,470.27
August 2028	1,617,224.97
September 2028	1,565,649.16
October 2028	1,515,691.14
November 2028	1,467,300.80
December 2028	1,420,429.57
January 2029	$ 1,375,030.35
February 2029	1,331,057.51
March 2029	1,288,466.81
April 2029	1,247,215.36
May 2029	1,207,261.61
June 2029	1,168,565.26
July 2029	1,131,087.28
August 2029	1,094,789.80
September 2029	1,059,636.14
October 2029	1,025,590.76
November 2029	992,619.17
December 2029	960,687.99
January 2030	929,764.84
February 2030	899,818.34
March 2030	870,818.07
April 2030	842,734.57
May 2030	815,539.26
June 2030	789,204.46
July 2030	763,703.34
August 2030	739,009.89
September 2030	715,098.90
October 2030	691,945.96
November 2030	669,527.39
December 2030	647,820.25
January 2031	626,802.30
February 2031	606,452.00
March 2031	586,748.47
April 2031	567,671.47
May 2031	549,201.40
June 2031	531,319.25
July 2031	514,006.61
August 2031	497,245.62
September 2031	481,019.00
October 2031	465,310.00
November 2031	450,102.36
December 2031	435,380.36
January 2032	421,128.74
February 2032	407,332.74
March 2032	393,978.03
April 2032	381,050.74
May 2032	368,537.43
June 2032	356,425.07
July 2032	344,701.05
August 2032	333,353.13
September 2032	322,369.47
October 2032	311,738.58
November 2032	301,449.34
December 2032	291,490.97
January 2033	281,853.03
February 2033	272,525.41
March 2033	263,498.29
April 2033	254,762.19
May 2033	246,307.90
June 2033	238,126.51
July 2033	230,209.37
August 2033	222,548.13
September 2033	215,134.68
October 2033	207,961.16
November 2033	201,019.96
December 2033	194,303.72

Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
January 2034	$ 187,805.30	September 2038	$ 25,951.93	May 2043	$ 2,650.06
February 2034	181,517.77	October 2038	25,006.27	June 2043	2,528.69
March 2034	175,434.43	November 2038	24,093.04	July 2043	2,411.99
April 2034	169,548.81	December 2038	23,211.16	August 2043	2,299.80
May 2034	163,854.60	January 2039	22,359.59	September 2043	2,191.95
June 2034	158,345.72	February 2039	21,537.34	October 2043	2,088.28
July 2034	153,016.26	March 2039	20,743.44	November 2043	1,988.66
August 2034	147,860.52	April 2039	19,976.95	December 2043	1,892.94
September 2034	142,872.94	May 2039	19,236.95	January 2044	1,800.98
October 2034	138,048.18	June 2039	18,522.57	February 2044	1,712.64
November 2034	133,381.04	July 2039	17,832.96	March 2044	1,627.79
December 2034	128,866.48	August 2039	17,167.29	April 2044	1,546.31
January 2035	124,499.63	September 2039	16,524.77	May 2044	1,468.08
February 2035	120,275.78	October 2039	15,904.63	June 2044	1,392.98
March 2035	116,190.34	November 2039	15,306.12	July 2044	1,320.90
April 2035	112,238.89	December 2039	14,728.52	August 2044	1,251.72
May 2035	108,417.14	January 2040	14,171.13	September 2044	1,185.35
June 2035	104,720.93	February 2040	13,633.27	October 2044	1,121.67
July 2035	101,146.25	March 2040	13,114.30	November 2044	1,060.61
August 2035	97,689.19	April 2040	12,613.57	December 2044	1,002.04
September 2035	94,345.98	May 2040	12,130.48	January 2045	945.90
October 2035	91,112.97	June 2040	11,664.44	February 2045	892.08
November 2035	87,986.61	July 2040	11,214.86	March 2045	840.50
December 2035	84,963.48	August 2040	10,781.20	April 2045	791.08
January 2036	82,040.26	September 2040	10,362.92	May 2045	743.74
February 2036	79,213.72	October 2040	9,959.51	June 2045	698.40
March 2036	76,480.77	November 2040	9,570.45	July 2045	654.99
April 2036	73,838.37	December 2040	9,195.27	August 2045	613.44
May 2036	71,283.61	January 2041	8,833.49	September 2045	573.67
June 2036	68,813.67	February 2041	8,484.67	October 2045	535.62
July 2036	66,425.80	March 2041	8,148.35	November 2045	499.23
August 2036	64,117.36	April 2041	7,824.13	December 2045	464.43
September 2036	61,885.77	May 2041	7,511.58	January 2046	431.17
October 2036	59,728.55	June 2041	7,210.30	February 2046	399.38
November 2036	57,643.28	July 2041	6,919.92	March 2046	369.00
December 2036	55,627.65	August 2041	6,640.07	April 2046	340.00
January 2037	53,679.39	September 2041	6,370.37	May 2046	312.30
February 2037	51,796.32	October 2041	6,110.49	June 2046	285.87
March 2037	49,976.32	November 2041	5,860.09	July 2046	260.66
April 2037	48,217.34	December 2041	5,618.84	August 2046	236.61
May 2037	46,517.40	January 2042	5,386.43	September 2046	213.68
June 2037	44,874.57	February 2042	5,162.56	October 2046	191.84
July 2037	43,287.01	March 2042	4,946.93	November 2046	171.03
August 2037	41,752.90	April 2042	4,739.25	December 2046	151.21
September 2037	40,270.50	May 2042	4,539.26	January 2047	132.36
October 2037	38,838.14	June 2042	4,346.68	February 2047	114.42
November 2037	37,454.16	July 2042	4,161.26	March 2047	97.37
December 2037	36,117.00	August 2042	3,982.75	April 2047	81.16
January 2038	34,825.12	September 2042	3,810.91	May 2047	65.77
February 2038	33,577.04	October 2042	3,645.51	June 2047	51.16
March 2038	32,371.32	November 2042	3,486.33	July 2047	37.31
April 2038	31,206.58	December 2042	3,333.14	August 2047	24.17
May 2038	30,081.47	January 2043	3,185.74	September 2047	11.73
June 2038	28,994.69	February 2043	3,043.92	October 2047 and thereafter	0.00
July 2038	27,944.98	March 2043	2,907.50		
August 2038	26,931.12	April 2043	2,776.27		

MG Class Planned Balances

Distribution Date	Planned Balance
Initial Balance	$37,353,000.00
February 2018	37,205,984.19
March 2018	37,041,586.48
April 2018	36,859,872.74
May 2018	36,660,925.66
June 2018	36,444,844.77
July 2018	36,211,746.33
August 2018	35,961,763.32
September 2018	35,695,045.25
October 2018	35,411,758.10
November 2018	35,112,084.12
December 2018	34,796,221.66
January 2019	34,464,384.92
February 2019	34,116,803.78
March 2019	33,753,723.46
April 2019	33,375,404.25
May 2019	32,982,121.22
June 2019	32,574,163.82
July 2019	32,151,835.57
August 2019	31,715,453.61
September 2019	31,265,348.34
October 2019	30,801,862.93
November 2019	30,325,352.88
December 2019	29,836,185.56
January 2020	29,334,739.66
February 2020	28,821,404.73
March 2020	28,296,580.57
April 2020	27,760,676.73
May 2020	27,214,111.92
June 2020	26,673,071.86
July 2020	26,137,497.51
August 2020	25,607,330.46
September 2020	25,082,512.90
October 2020	24,562,987.60
November 2020	24,048,697.90
December 2020	23,539,587.77
January 2021	23,035,601.70
February 2021	22,536,684.78
March 2021	22,042,782.65
April 2021	21,553,841.53
May 2021	21,069,808.15
June 2021	20,590,629.82
July 2021	20,116,254.39
August 2021	19,646,630.21
September 2021	19,181,706.20
October 2021	18,721,431.77
November 2021	18,265,756.89
December 2021	17,814,631.99
January 2022	17,368,008.06
February 2022	16,925,836.55
March 2022	16,488,069.43
April 2022	16,054,659.16
May 2022	15,625,558.69
June 2022	15,200,721.44
July 2022	14,780,101.31
August 2022	14,363,652.69
September 2022	13,951,330.42
October 2022	13,543,089.81
November 2022	13,138,886.62
December 2022	12,738,677.07
January 2023	$12,343,689.55
February 2023	11,960,828.04
March 2023	11,589,723.21
April 2023	11,230,016.87
May 2023	10,881,361.72
June 2023	10,543,420.93
July 2023	10,215,867.89
August 2023	9,898,385.90
September 2023	9,590,667.81
October 2023	9,292,415.82
November 2023	9,003,341.12
December 2023	8,723,163.67
January 2024	8,451,611.93
February 2024	8,188,422.56
March 2024	7,933,340.23
April 2024	7,686,117.34
May 2024	7,446,513.81
June 2024	7,214,296.85
July 2024	6,989,240.71
August 2024	6,771,126.51
September 2024	6,559,742.01
October 2024	6,354,881.40
November 2024	6,156,345.15
December 2024	5,963,939.76
January 2025	5,777,477.62
February 2025	5,596,776.82
March 2025	5,421,660.97
April 2025	5,251,959.05
May 2025	5,087,505.24
June 2025	4,928,138.75
July 2025	4,773,703.69
August 2025	4,624,048.90
September 2025	4,479,027.84
October 2025	4,338,498.40
November 2025	4,202,322.81
December 2025	4,070,367.50
January 2026	3,942,502.96
February 2026	3,818,603.62
March 2026	3,698,547.73
April 2026	3,582,217.27
May 2026	3,469,497.78
June 2026	3,360,278.33
July 2026	3,254,451.33
August 2026	3,151,912.51
September 2026	3,052,560.75
October 2026	2,956,298.02
November 2026	2,863,029.30
December 2026	2,772,662.43
January 2027	2,685,108.11
February 2027	2,600,279.72
March 2027	2,518,093.32
April 2027	2,438,467.52
May 2027	2,361,323.40
June 2027	2,286,584.49
July 2027	2,214,176.61
August 2027	2,144,027.88
September 2027	2,076,068.61
October 2027	2,010,231.24
November 2027	1,946,450.27
December 2027	1,884,662.20
January 2028	$ 1,824,805.50
February 2028	1,766,820.49
March 2028	1,710,649.33
April 2028	1,656,235.97
May 2028	1,603,526.04
June 2028	1,552,466.86
July 2028	1,503,007.36
August 2028	1,455,098.03
September 2028	1,408,690.88
October 2028	1,363,739.40
November 2028	1,320,198.49
December 2028	1,278,024.45
January 2029	1,237,174.91
February 2029	1,197,608.80
March 2029	1,159,286.32
April 2029	1,122,168.88
May 2029	1,086,219.08
June 2029	1,051,400.69
July 2029	1,017,678.56
August 2029	985,018.62
September 2029	953,387.89
October 2029	922,754.36
November 2029	893,087.02
December 2029	864,355.81
January 2030	836,531.62
February 2030	809,586.20
March 2030	783,492.19
April 2030	758,223.08
May 2030	733,753.14
June 2030	710,057.48
July 2030	687,111.95
August 2030	664,893.15
September 2030	643,378.40
October 2030	622,545.73
November 2030	602,373.83
December 2030	582,842.07
January 2031	563,930.43
February 2031	545,619.53
March 2031	527,890.59
April 2031	510,725.39
May 2031	494,106.30
June 2031	478,016.20
July 2031	462,438.55
August 2031	447,357.26
September 2031	432,756.79
October 2031	418,622.07
November 2031	404,938.46
December 2031	391,691.82
January 2032	378,868.43
February 2032	366,454.99
March 2032	354,438.62
April 2032	342,806.84
May 2032	331,547.55
June 2032	320,649.03
July 2032	310,099.93
August 2032	299,889.24
September 2032	290,006.31
October 2032	280,440.79
November 2032	271,182.69
December 2032	262,222.30

MG Class (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
January 2033	$ 253,550.22	November 2037	$ 33,643.83	September 2042	$ 3,372.20
February 2033	245,157.37	December 2037	32,440.67	October 2042	3,223.38
March 2033	237,034.90	January 2038	31,278.26	November 2042	3,080.15
April 2033	229,174.29	February 2038	30,155.26	December 2042	2,942.32
May 2033	221,567.25	March 2038	29,070.37	January 2043	2,809.69
June 2033	214,205.75	April 2038	28,022.35	February 2043	2,682.09
July 2033	207,082.03	May 2038	27,010.00	March 2043	2,559.34
August 2033	200,188.56	June 2038	26,032.13	April 2043	2,441.26
September 2033	193,518.05	July 2038	25,087.61	May 2043	2,327.70
October 2033	187,063.42	August 2038	24,175.36	June 2043	2,218.49
November 2033	180,817.84	September 2038	23,294.30	July 2043	2,113.49
December 2033	174,774.67	October 2038	22,443.41	August 2043	2,012.54
January 2034	168,927.48	November 2038	21,621.70	September 2043	1,915.50
February 2034	163,270.06	December 2038	20,828.20	October 2043	1,822.23
March 2034	157,796.37	January 2039	20,061.97	November 2043	1,732.59
April 2034	152,500.57	February 2039	19,322.13	December 2043	1,646.46
May 2034	147,377.01	March 2039	18,607.79	January 2044	1,563.72
June 2034	142,420.20	April 2039	17,918.11	February 2044	1,484.23
July 2034	137,624.83	May 2039	17,252.27	March 2044	1,407.89
August 2034	132,985.78	June 2039	16,609.48	April 2044	1,334.58
September 2034	128,498.03	July 2039	15,988.98	May 2044	1,264.19
October 2034	124,156.78	August 2039	15,390.03	June 2044	1,196.61
November 2034	119,957.36	September 2039	14,811.90	July 2044	1,131.75
December 2034	115,895.23	October 2039	14,253.90	August 2044	1,069.51
January 2035	111,966.00	November 2039	13,715.37	September 2044	1,009.79
February 2035	108,165.45	December 2039	13,195.66	October 2044	952.50
March 2035	104,489.43	January 2040	12,694.13	November 2044	897.56
April 2035	100,933.97	February 2040	12,210.17	December 2044	844.87
May 2035	97,495.22	March 2040	11,743.21	January 2045	794.35
June 2035	94,169.43	April 2040	11,292.66	February 2045	745.93
July 2035	90,952.98	May 2040	10,857.99	March 2045	699.52
August 2035	87,842.37	June 2040	10,438.65	April 2045	655.05
September 2035	84,834.21	July 2040	10,034.13	May 2045	612.46
October 2035	81,925.19	August 2040	9,643.93	June 2045	571.66
November 2035	79,112.14	September 2040	9,267.57	July 2045	532.60
December 2035	76,391.97	October 2040	8,904.59	August 2045	495.21
January 2036	73,761.70	November 2040	8,554.52	September 2045	459.43
February 2036	71,218.43	December 2040	8,216.94	October 2045	425.20
March 2036	68,759.36	January 2041	7,891.42	November 2045	392.46
April 2036	66,381.77	February 2041	7,577.56	December 2045	361.14
May 2036	64,083.04	March 2041	7,274.95	January 2046	331.22
June 2036	61,860.63	April 2041	6,983.22	February 2046	302.61
July 2036	59,712.06	May 2041	6,701.99	March 2046	275.29
August 2036	57,634.96	June 2041	6,430.91	April 2046	249.19
September 2036	55,627.01	July 2041	6,169.63	May 2046	224.27
October 2036	53,685.97	August 2041	5,917.82	June 2046	200.49
November 2036	51,809.68	September 2041	5,675.16	July 2046	177.81
December 2036	49,996.05	October 2041	5,441.32	August 2046	156.17
January 2037	48,243.04	November 2041	5,216.02	September 2046	135.54
February 2037	46,548.68	December 2041	4,998.94	October 2046	115.89
March 2037	44,911.07	January 2042	4,789.83	November 2046	97.17
April 2037	43,328.36	February 2042	4,588.39	December 2046	79.34
May 2037	41,798.78	March 2042	4,394.37	January 2047	62.38
June 2037	40,320.59	April 2042	4,207.51	February 2047	46.24
July 2037	38,892.13	May 2042	4,027.56	March 2047	30.90
August 2037	37,511.76	June 2042	3,854.28	April 2047	16.32
September 2037	36,177.93	July 2042	3,687.44	May 2047	2.47
October 2037	34,889.11	August 2042	3,526.82	June 2047 and thereafter	0.00

Aggregate Group IV Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$29,999,000.00	January 2023	$16,838,520.06	January 2028	$ 7,416,042.50
February 2018	29,903,931.42	February 2023	16,634,134.27	February 2028	7,308,463.14
March 2018	29,800,131.78	March 2023	16,431,485.45	March 2028	7,202,322.43
April 2018	29,687,653.28	April 2023	16,230,559.49	April 2028	7,097,601.95
May 2018	29,566,554.87	May 2023	16,031,342.40	May 2028	6,994,283.47
June 2018	29,436,902.22	June 2023	15,833,820.28	June 2028	6,892,349.01
July 2018	29,298,767.63	July 2023	15,637,979.38	July 2028	6,791,780.82
August 2018	29,152,230.04	August 2023	15,443,806.02	August 2028	6,692,561.37
September 2018	28,997,374.89	September 2023	15,251,286.65	September 2028	6,594,673.33
October 2018	28,834,294.10	October 2023	15,060,407.84	October 2028	6,498,099.61
November 2018	28,663,085.97	November 2023	14,871,156.23	November 2028	6,402,823.32
December 2018	28,483,855.08	December 2023	14,683,518.59	December 2028	6,308,827.80
January 2019	28,296,712.18	January 2024	14,497,481.81	January 2029	6,216,096.57
February 2019	28,101,774.13	February 2024	14,313,032.85	February 2029	6,124,613.38
March 2019	27,899,163.72	March 2024	14,130,158.80	March 2029	6,034,362.18
April 2019	27,689,009.58	April 2024	13,948,846.84	April 2029	5,945,327.11
May 2019	27,471,446.06	May 2024	13,769,084.26	May 2029	5,857,492.51
June 2019	27,246,613.05	June 2024	13,590,858.45	June 2029	5,770,842.94
July 2019	27,014,655.88	July 2024	13,414,156.90	July 2029	5,685,363.12
August 2019	26,775,725.11	August 2024	13,238,967.18	August 2029	5,601,037.99
September 2019	26,529,976.43	September 2024	13,065,277.00	September 2029	5,517,852.67
October 2019	26,277,570.43	October 2024	12,893,074.13	October 2029	5,435,792.44
November 2019	26,018,672.49	November 2024	12,722,346.46	November 2029	5,354,842.81
December 2019	25,753,452.54	December 2024	12,553,081.96	December 2029	5,274,989.45
January 2020	25,482,084.90	January 2025	12,385,268.72	January 2030	5,196,218.20
February 2020	25,204,748.10	February 2025	12,218,894.90	February 2030	5,118,515.09
March 2020	24,929,738.98	March 2025	12,053,948.76	March 2030	5,041,866.33
April 2020	24,657,038.77	April 2025	11,890,418.67	April 2030	4,966,258.29
May 2020	24,386,628.79	May 2025	11,728,293.08	May 2030	4,891,677.52
June 2020	24,118,490.54	June 2025	11,567,560.52	June 2030	4,818,110.74
July 2020	23,852,605.66	July 2025	11,408,209.64	July 2030	4,745,544.84
August 2020	23,588,955.94	August 2025	11,250,229.15	August 2030	4,673,966.86
September 2020	23,327,523.31	September 2025	11,093,607.88	September 2030	4,603,364.01
October 2020	23,068,289.85	October 2025	10,938,334.73	October 2030	4,533,723.67
November 2020	22,811,237.77	November 2025	10,784,398.69	November 2030	4,465,033.37
December 2020	22,556,349.43	December 2025	10,632,112.89	December 2030	4,397,280.80
January 2021	22,303,607.32	January 2026	10,481,836.40	January 2031	4,330,453.80
February 2021	22,052,994.10	February 2026	10,333,543.64	February 2031	4,264,540.38
March 2021	21,804,492.52	March 2026	10,187,209.38	March 2031	4,199,528.67
April 2021	21,558,085.51	April 2026	10,042,808.69	April 2031	4,135,406.98
May 2021	21,313,756.12	May 2026	9,900,316.94	May 2031	4,072,163.75
June 2021	21,071,487.51	June 2026	9,759,709.83	June 2031	4,009,787.57
July 2021	20,831,263.03	July 2026	9,620,963.35	July 2031	3,948,267.18
August 2021	20,593,066.10	August 2026	9,484,053.78	August 2031	3,887,591.45
September 2021	20,356,880.33	September 2026	9,348,957.72	September 2031	3,827,749.40
October 2021	20,122,689.40	October 2026	9,215,652.05	October 2031	3,768,730.19
November 2021	19,890,477.18	November 2026	9,084,113.92	November 2031	3,710,523.10
December 2021	19,660,227.62	December 2026	8,954,320.79	December 2031	3,653,117.57
January 2022	19,431,924.82	January 2027	8,826,250.39	January 2032	3,596,503.16
February 2022	19,205,553.02	February 2027	8,699,880.73	February 2032	3,540,669.55
March 2022	18,981,096.55	March 2027	8,575,190.11	March 2032	3,485,606.58
April 2022	18,758,539.89	April 2027	8,452,157.06	April 2032	3,431,304.19
May 2022	18,537,867.65	May 2027	8,330,760.42	May 2032	3,377,752.46
June 2022	18,319,064.53	June 2027	8,210,979.28	June 2032	3,324,941.60
July 2022	18,102,115.38	July 2027	8,092,792.97	July 2032	3,272,861.93
August 2022	17,887,005.16	August 2027	7,976,181.12	August 2032	3,221,503.91
September 2022	17,673,718.96	September 2027	7,861,123.58	September 2032	3,170,858.10
October 2022	17,462,241.97	October 2027	7,747,600.46	October 2032	3,120,915.19
November 2022	17,252,559.51	November 2027	7,635,592.13	November 2032	3,071,666.00
December 2022	17,044,657.03	December 2027	7,525,079.19	December 2032	3,023,101.44

Aggregate Group IV (Continued)

Distribution Date	Planned Balance
January 2033	$ 2,975,212.56
February 2033	2,927,990.51
March 2033	2,881,426.55
April 2033	2,835,512.06
May 2033	2,790,238.52
June 2033	2,745,597.52
July 2033	2,701,580.78
August 2033	2,658,180.08
September 2033	2,615,387.34
October 2033	2,573,194.57
November 2033	2,531,593.88
December 2033	2,490,577.48
January 2034	2,450,137.69
February 2034	2,410,266.92
March 2034	2,370,957.66
April 2034	2,332,202.53
May 2034	2,293,994.21
June 2034	2,256,325.50
July 2034	2,219,189.27
August 2034	2,182,578.50
September 2034	2,146,486.24
October 2034	2,110,905.64
November 2034	2,075,829.94
December 2034	2,041,252.45
January 2035	2,007,166.59
February 2035	1,973,565.85
March 2035	1,940,443.80
April 2035	1,907,794.09
May 2035	1,875,610.45
June 2035	1,843,886.72
July 2035	1,812,616.78
August 2035	1,781,794.60
September 2035	1,751,414.24
October 2035	1,721,469.82
November 2035	1,691,955.54
December 2035	1,662,865.68
January 2036	1,634,194.58
February 2036	1,605,936.67
March 2036	1,578,086.44
April 2036	1,550,638.45
May 2036	1,523,587.33
June 2036	1,496,927.79
July 2036	1,470,654.59
August 2036	1,444,762.57
September 2036	1,419,246.62
October 2036	1,394,101.73
November 2036	1,369,322.91
December 2036	1,344,905.27
January 2037	1,320,843.96
February 2037	1,297,134.21
March 2037	1,273,771.29
April 2037	1,250,750.55
May 2037	1,228,067.39
June 2037	1,205,717.27
July 2037	1,183,695.71
August 2037	1,161,998.29
September 2037	1,140,620.65
October 2037	1,119,558.47
November 2037	1,098,807.50
December 2037	$ 1,078,363.54
January 2038	1,058,222.44
February 2038	1,038,380.12
March 2038	1,018,832.54
April 2038	999,575.70
May 2038	980,605.67
June 2038	961,918.57
July 2038	943,510.57
August 2038	925,377.87
September 2038	907,516.75
October 2038	889,923.51
November 2038	872,594.51
December 2038	855,526.17
January 2039	838,714.92
February 2039	822,157.28
March 2039	805,849.79
April 2039	789,789.04
May 2039	773,971.66
June 2039	758,394.32
July 2039	743,053.75
August 2039	727,946.72
September 2039	713,070.01
October 2039	698,420.49
November 2039	683,995.04
December 2039	669,790.59
January 2040	655,804.10
February 2040	642,032.58
March 2040	628,473.07
April 2040	615,122.67
May 2040	601,978.49
June 2040	589,037.69
July 2040	576,297.48
August 2040	563,755.07
September 2040	551,407.75
October 2040	539,252.81
November 2040	527,287.60
December 2040	515,509.50
January 2041	503,915.90
February 2041	492,504.26
March 2041	481,272.04
April 2041	470,216.77
May 2041	459,335.98
June 2041	448,627.24
July 2041	438,088.16
August 2041	427,716.38
September 2041	417,509.57
October 2041	407,465.42
November 2041	397,581.66
December 2041	387,856.06
January 2042	378,286.40
February 2042	368,870.49
March 2042	359,606.19
April 2042	350,491.36
May 2042	341,523.92
June 2042	332,701.78
July 2042	324,022.91
August 2042	315,485.29
September 2042	307,086.92
October 2042	298,825.86
November 2042	$ 290,700.15
December 2042	282,707.89
January 2043	274,847.19
February 2043	267,116.18
March 2043	259,513.04
April 2043	252,035.95
May 2043	244,683.11
June 2043	237,452.77
July 2043	230,343.18
August 2043	223,352.62
September 2043	216,479.39
October 2043	209,721.83
November 2043	203,078.29
December 2043	196,547.12
January 2044	190,126.72
February 2044	183,815.52
March 2044	177,611.93
April 2044	171,514.42
May 2044	165,521.47
June 2044	159,631.56
July 2044	153,843.22
August 2044	148,154.98
September 2044	142,565.40
October 2044	137,073.05
November 2044	131,676.52
December 2044	126,374.43
January 2045	121,165.41
February 2045	116,048.11
March 2045	111,021.20
April 2045	106,083.35
May 2045	101,233.28
June 2045	96,469.71
July 2045	91,791.36
August 2045	87,197.00
September 2045	82,685.40
October 2045	78,255.35
November 2045	73,905.64
December 2045	69,635.10
January 2046	65,442.57
February 2046	61,326.89
March 2046	57,286.93
April 2046	53,321.58
May 2046	49,429.73
June 2046	45,610.30
July 2046	41,862.21
August 2046	38,184.40
September 2046	34,575.83
October 2046	31,035.47
November 2046	27,562.31
December 2046	24,155.33
January 2047	20,813.55
February 2047	17,536.00
March 2047	14,321.72
April 2047	11,169.74
May 2047	8,079.15
June 2047	5,049.01
July 2047	2,078.41
August 2047 and thereafter	0.00

Aggregate Group V Planned Balances

Distribution Date	Planned Balance
Initial Balance	$276,628,071.00
February 2018	274,298,429.04
March 2018	271,972,350.08
April 2018	269,649,824.92
May 2018	267,330,851.09
June 2018	265,015,432.77
July 2018	262,703,580.76
August 2018	260,395,312.34
September 2018	258,090,651.25
October 2018	255,789,627.54
November 2018	253,492,277.52
December 2018	251,198,643.63
January 2019	248,908,774.37
February 2019	246,622,724.12
March 2019	244,340,553.07
April 2019	242,062,327.10
May 2019	239,788,117.60
June 2019	237,518,001.39
July 2019	235,252,060.53
August 2019	232,990,382.21
September 2019	230,733,058.60
October 2019	228,480,186.64
November 2019	226,231,867.96
December 2019	223,997,695.00
January 2020	221,777,575.00
February 2020	219,571,415.79
March 2020	217,379,125.76
April 2020	215,200,613.88
May 2020	213,035,789.66
June 2020	210,884,563.21
July 2020	208,746,845.17
August 2020	206,622,546.74
September 2020	204,511,579.69
October 2020	202,413,856.31
November 2020	200,329,289.46
December 2020	198,257,792.52
January 2021	196,199,279.42
February 2021	194,153,664.63
March 2021	192,120,863.14
April 2021	190,100,790.46
May 2021	188,093,362.66
June 2021	186,098,496.29
July 2021	184,116,108.44
August 2021	182,146,116.71
September 2021	180,188,439.21
October 2021	178,242,994.57
November 2021	176,309,701.90
December 2021	174,388,480.84
January 2022	172,479,251.51
February 2022	170,581,934.54
March 2022	168,696,451.03
April 2022	166,822,722.60
May 2022	164,960,671.33
June 2022	163,110,219.79
July 2022	161,271,291.05
August 2022	159,443,808.63
September 2022	157,627,696.54
October 2022	155,822,879.26
November 2022	154,029,281.73
December 2022	152,246,829.36

Distribution Date	Planned Balance
January 2023	$150,475,448.04
February 2023	148,715,064.08
March 2023	146,965,604.29
April 2023	145,226,995.91
May 2023	143,499,166.63
June 2023	141,782,044.60
July 2023	140,075,558.40
August 2023	138,379,637.08
September 2023	136,694,210.09
October 2023	135,019,207.35
November 2023	133,354,559.21
December 2023	131,700,196.44
January 2024	130,056,050.23
February 2024	128,422,052.23
March 2024	126,798,134.49
April 2024	125,184,229.47
May 2024	123,580,270.08
June 2024	121,986,189.63
July 2024	120,405,435.37
August 2024	118,843,389.99
September 2024	117,299,841.92
October 2024	115,774,581.95
November 2024	114,267,403.14
December 2024	112,778,100.85
January 2025	111,306,472.72
February 2025	109,852,318.58
March 2025	108,415,440.49
April 2025	106,995,642.70
May 2025	105,592,731.60
June 2025	104,206,515.75
July 2025	102,836,805.80
August 2025	101,483,414.48
September 2025	100,146,156.62
October 2025	98,824,849.08
November 2025	97,519,310.72
December 2025	96,229,362.45
January 2026	94,954,827.13
February 2026	93,695,529.57
March 2026	92,451,296.54
April 2026	91,221,956.70
May 2026	90,007,340.64
June 2026	88,807,280.79
July 2026	87,621,611.45
August 2026	86,450,168.76
September 2026	85,292,790.65
October 2026	84,149,316.88
November 2026	83,019,588.94
December 2026	81,903,450.12
January 2027	80,800,745.41
February 2027	79,711,321.55
March 2027	78,635,026.94
April 2027	77,571,711.69
May 2027	76,521,227.57
June 2027	75,483,427.98
July 2027	74,458,167.94
August 2027	73,445,304.11
September 2027	72,444,694.71
October 2027	71,456,199.54
November 2027	70,479,679.96
December 2027	69,514,998.87

Distribution Date	Planned Balance
January 2028	$ 68,562,020.70
February 2028	67,620,611.36
March 2028	66,690,638.26
April 2028	65,771,970.31
May 2028	64,864,477.84
June 2028	63,968,032.63
July 2028	63,082,507.91
August 2028	62,207,778.28
September 2028	61,343,719.76
October 2028	60,490,209.75
November 2028	59,647,127.01
December 2028	58,814,351.63
January 2029	57,991,765.06
February 2029	57,179,250.07
March 2029	56,376,690.71
April 2029	55,583,972.35
May 2029	54,800,981.62
June 2029	54,027,606.41
July 2029	53,263,735.87
August 2029	52,509,260.39
September 2029	51,764,071.57
October 2029	51,028,062.22
November 2029	50,301,126.35
December 2029	49,583,159.14
January 2030	48,874,056.97
February 2030	48,173,717.35
March 2030	47,482,038.93
April 2030	46,798,921.51
May 2030	46,124,266.01
June 2030	45,457,974.44
July 2030	44,799,949.91
August 2030	44,150,096.62
September 2030	43,508,319.84
October 2030	42,874,525.89
November 2030	42,248,622.15
December 2030	41,630,517.02
January 2031	41,020,119.95
February 2031	40,417,341.38
March 2031	39,822,092.76
April 2031	39,234,286.53
May 2031	38,653,836.12
June 2031	38,080,655.92
July 2031	37,514,661.28
August 2031	36,955,768.51
September 2031	36,403,894.83
October 2031	35,858,958.42
November 2031	35,320,878.36
December 2031	34,789,574.65
January 2032	34,264,968.17
February 2032	33,746,980.70
March 2032	33,235,534.91
April 2032	32,730,554.31
May 2032	32,231,963.29
June 2032	31,739,687.08
July 2032	31,253,651.75
August 2032	30,773,784.22
September 2032	30,300,012.20
October 2032	29,832,264.24
November 2032	29,370,469.69
December 2032	28,914,558.67

Aggregate Group V (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
January 2033	$ 28,464,462.11	October 2037	$ 10,511,517.89	July 2042	$ 2,339,303.68
February 2033	28,020,111.72	November 2037	10,303,375.97	August 2042	2,248,921.73
March 2033	27,581,439.97	December 2037	10,098,097.24	September 2042	2,159,943.31
April 2033	27,148,380.10	January 2038	9,895,646.89	October 2042	2,072,350.53
May 2033	26,720,866.07	February 2038	9,695,990.51	November 2042	1,986,125.68
June 2033	26,298,832.63	March 2038	9,499,094.08	December 2042	1,901,251.28
July 2033	25,882,215.24	April 2038	9,304,923.98	January 2043	1,817,710.05
August 2033	25,470,950.10	May 2038	9,113,446.97	February 2043	1,735,484.92
September 2033	25,064,974.10	June 2038	8,924,630.20	March 2043	1,654,559.01
October 2033	24,664,224.89	July 2038	8,738,441.17	April 2043	1,574,915.65
November 2033	24,268,640.78	August 2038	8,554,847.80	May 2043	1,496,538.36
December 2033	23,878,160.80	September 2038	8,373,818.33	June 2043	1,419,410.85
January 2034	23,492,724.66	October 2038	8,195,321.40	July 2043	1,343,517.03
February 2034	23,112,272.76	November 2038	8,019,326.00	August 2043	1,268,841.00
March 2034	22,736,746.17	December 2038	7,845,801.46	September 2043	1,195,367.04
April 2034	22,366,086.61	January 2039	7,674,717.50	October 2043	1,123,079.62
May 2034	22,000,236.49	February 2039	7,506,044.16	November 2043	1,051,963.40
June 2034	21,639,138.83	March 2039	7,339,751.83	December 2043	982,003.21
July 2034	21,282,737.34	April 2039	7,175,811.24	January 2044	913,184.06
August 2034	20,930,976.33	May 2039	7,014,193.47	February 2044	845,491.15
September 2034	20,583,800.77	June 2039	6,854,869.93	March 2044	778,909.85
October 2034	20,241,156.22	July 2039	6,697,812.34	April 2044	713,425.69
November 2034	19,902,988.89	August 2039	6,542,992.78	May 2044	649,024.39
December 2034	19,569,245.58	September 2039	6,390,383.62	June 2044	585,691.83
January 2035	19,239,873.69	October 2039	6,239,957.58	July 2044	523,414.06
February 2035	18,914,821.24	November 2039	6,091,687.66	August 2044	462,177.30
March 2035	18,594,036.80	December 2039	5,945,547.21	September 2044	401,967.92
April 2035	18,277,469.56	January 2040	5,801,509.86	October 2044	342,772.46
May 2035	17,965,069.27	February 2040	5,659,549.56	November 2044	284,577.63
June 2035	17,656,786.25	March 2040	5,519,640.55	December 2044	227,370.28
July 2035	17,352,571.39	April 2040	5,381,757.38	January 2045	217,020.26
August 2035	17,052,376.14	May 2040	5,245,874.90	February 2045	206,835.19
September 2035	16,756,152.48	June 2040	5,111,968.22	March 2045	196,812.94
October 2035	16,463,852.97	July 2040	4,980,012.78	April 2045	186,951.39
November 2035	16,175,430.67	August 2040	4,849,984.28	May 2045	177,248.46
December 2035	15,890,839.21	September 2040	4,721,858.71	June 2045	167,702.10
January 2036	15,610,032.72	October 2040	4,595,612.32	July 2045	158,310.28
February 2036	15,332,965.88	November 2040	4,471,221.68	August 2045	149,070.98
March 2036	15,059,593.86	December 2040	4,348,663.59	September 2045	139,982.22
April 2036	14,789,872.34	January 2041	4,227,915.13	October 2045	131,042.04
May 2036	14,523,757.53	February 2041	4,108,953.66	November 2045	122,248.50
June 2036	14,261,206.11	March 2041	3,991,756.79	December 2045	113,599.68
July 2036	14,002,175.28	April 2041	3,876,302.40	January 2046	105,093.70
August 2036	13,746,622.71	May 2041	3,762,568.62	February 2046	96,728.67
September 2036	13,494,506.55	June 2041	3,650,533.83	March 2046	88,502.77
October 2036	13,245,785.44	July 2041	3,540,176.69	April 2046	80,414.15
November 2036	13,000,418.49	August 2041	3,431,476.08	May 2046	72,461.02
December 2036	12,758,365.27	September 2041	3,324,411.13	June 2046	64,641.59
January 2037	12,519,585.81	October 2041	3,218,961.22	July 2046	56,954.10
February 2037	12,284,040.61	November 2041	3,115,105.98	August 2046	49,396.82
March 2037	12,051,690.61	December 2041	3,012,825.25	September 2046	41,968.02
April 2037	11,822,497.20	January 2042	2,912,099.15	October 2046	34,666.01
May 2037	11,596,422.20	February 2042	2,812,907.98	November 2046	27,489.10
June 2037	11,373,427.90	March 2042	2,715,232.31	December 2046	20,435.65
July 2037	11,153,476.98	April 2042	2,619,052.93	January 2047	13,504.00
August 2037	10,936,532.57	May 2042	2,524,350.84	February 2047	6,692.55
September 2037	10,722,558.22	June 2042	2,431,107.27	March 2047 and thereafter	0.00

Aggregate Group VI Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$118,770,776.00	January 2023	$ 70,841,569.76	January 2028	$ 33,437,655.43
February 2018	118,380,654.95	February 2023	70,064,698.22	February 2028	32,994,761.73
March 2018	117,963,011.76	March 2023	69,292,652.57	March 2028	32,557,175.38
April 2018	117,518,007.36	April 2023	68,525,400.69	April 2028	32,124,835.89
May 2018	117,045,819.67	May 2023	67,762,910.72	May 2028	31,697,683.42
June 2018	116,546,643.50	June 2023	67,005,150.95	June 2028	31,275,658.81
July 2018	116,020,690.38	July 2023	66,252,089.88	July 2028	30,858,703.55
August 2018	115,468,188.47	August 2023	65,503,696.22	August 2028	30,446,759.79
September 2018	114,889,382.35	September 2023	64,759,938.87	September 2028	30,039,770.30
October 2018	114,284,532.84	October 2023	64,020,786.90	October 2028	29,637,678.50
November 2018	113,653,916.85	November 2023	63,286,209.60	November 2028	29,240,428.43
December 2018	112,997,827.12	December 2023	62,556,176.44	December 2028	28,847,964.77
January 2019	112,316,571.97	January 2024	61,830,657.07	January 2029	28,460,232.78
February 2019	111,610,475.13	February 2024	61,109,621.35	February 2029	28,077,178.37
March 2019	110,879,875.40	March 2024	60,393,039.31	March 2029	27,698,748.01
April 2019	110,125,126.39	April 2024	59,680,881.16	April 2029	27,324,888.79
May 2019	109,346,596.26	May 2024	58,973,117.32	May 2029	26,955,548.39
June 2019	108,544,667.33	June 2024	58,269,718.37	June 2029	26,590,675.05
July 2019	107,719,735.84	July 2024	57,570,655.09	July 2029	26,230,217.60
August 2019	106,872,211.55	August 2024	56,875,898.43	August 2029	25,874,125.43
September 2019	106,002,517.41	September 2024	56,185,419.51	September 2029	25,522,348.52
October 2019	105,111,089.18	October 2024	55,499,189.66	October 2029	25,174,837.36
November 2019	104,198,375.03	November 2024	54,817,180.36	November 2029	24,831,543.04
December 2019	103,264,835.21	December 2024	54,139,363.28	December 2029	24,492,417.15
January 2020	102,310,941.53	January 2025	53,465,710.26	January 2030	24,157,411.85
February 2020	101,337,177.07	February 2025	52,796,193.32	February 2030	23,826,479.82
March 2020	100,369,537.66	March 2025	52,130,784.66	March 2030	23,499,574.26
April 2020	99,407,983.16	April 2025	51,469,456.62	April 2030	23,176,648.91
May 2020	98,452,473.64	May 2025	50,812,623.87	May 2030	22,857,658.02
June 2020	97,502,969.43	June 2025	50,163,524.03	June 2030	22,542,556.32
July 2020	96,559,431.12	July 2025	49,522,069.80	July 2030	22,231,299.09
August 2020	95,621,819.52	August 2025	48,888,174.85	August 2030	21,923,842.08
September 2020	94,690,095.70	September 2025	48,261,753.79	September 2030	21,620,141.54
October 2020	93,764,220.97	October 2025	47,642,722.17	October 2030	21,320,154.21
November 2020	92,844,156.89	November 2025	47,030,996.48	November 2030	21,023,837.30
December 2020	91,929,865.23	December 2025	46,426,494.13	December 2030	20,731,148.52
January 2021	91,021,308.03	January 2026	45,829,133.43	January 2031	20,442,046.03
February 2021	90,118,447.55	February 2026	45,238,833.60	February 2031	20,156,488.47
March 2021	89,221,246.29	March 2026	44,655,514.76	March 2031	19,874,434.94
April 2021	88,329,666.97	April 2026	44,079,097.89	April 2031	19,595,844.99
May 2021	87,443,672.57	May 2026	43,509,504.87	May 2031	19,320,678.62
June 2021	86,563,226.27	June 2026	42,946,658.41	June 2031	19,048,896.29
July 2021	85,688,291.49	July 2026	42,390,482.11	July 2031	18,780,458.90
August 2021	84,818,831.89	August 2026	41,840,900.38	August 2031	18,515,327.77
September 2021	83,954,811.34	September 2026	41,297,838.48	September 2031	18,253,464.67
October 2021	83,096,193.94	October 2026	40,761,222.50	October 2031	17,994,831.78
November 2021	82,242,944.01	November 2026	40,230,979.34	November 2031	17,739,391.72
December 2021	81,395,026.09	December 2026	39,707,036.71	December 2031	17,487,107.53
January 2022	80,552,404.96	January 2027	39,189,323.11	January 2032	17,237,942.64
February 2022	79,715,045.60	February 2027	38,677,767.85	February 2032	16,991,860.90
March 2022	78,882,913.20	March 2027	38,172,301.01	March 2032	16,748,826.59
April 2022	78,055,973.19	April 2027	37,672,853.44	April 2032	16,508,804.35
May 2022	77,234,191.19	May 2027	37,179,356.76	May 2032	16,271,759.24
June 2022	76,417,533.07	June 2027	36,691,743.34	June 2032	16,037,656.71
July 2022	75,605,964.86	July 2027	36,209,946.31	July 2032	15,806,462.58
August 2022	74,799,452.86	August 2027	35,733,899.53	August 2032	15,578,143.07
September 2022	73,997,963.52	September 2027	35,263,537.60	September 2032	15,352,664.78
October 2022	73,201,463.55	October 2027	34,798,795.83	October 2032	15,129,994.67
November 2022	72,409,919.83	November 2027	34,339,610.27	November 2032	14,910,100.08
December 2022	71,623,299.46	December 2027	33,885,917.65	December 2032	14,692,948.72

Aggregate Group VI (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
January 2033	$ 14,478,508.65	December 2037	$ 5,653,049.64	November 2042	$ 1,642,633.21
February 2033	14,266,748.29	January 2038	5,554,453.37	December 2042	1,599,563.23
March 2033	14,057,636.43	February 2038	5,457,170.21	January 2043	1,557,127.62
April 2033	13,851,142.20	March 2038	5,361,184.40	February 2043	1,515,318.43
May 2033	13,647,235.06	April 2038	5,266,480.34	March 2043	1,474,127.79
June 2033	13,445,884.85	May 2038	5,173,042.60	April 2043	1,433,547.94
July 2033	13,247,061.71	June 2038	5,080,855.96	May 2043	1,393,571.18
August 2033	13,050,736.15	July 2038	4,989,905.34	June 2043	1,354,189.94
September 2033	12,856,878.98	August 2038	4,900,175.84	July 2043	1,315,396.70
October 2033	12,665,461.36	September 2038	4,811,652.75	August 2043	1,277,184.05
November 2033	12,476,454.77	October 2038	4,724,321.50	September 2043	1,239,544.66
December 2033	12,289,831.00	November 2038	4,638,167.71	October 2043	1,202,471.30
January 2034	12,105,562.17	December 2038	4,553,177.16	November 2043	1,165,956.80
February 2034	11,923,620.71	January 2039	4,469,335.77	December 2043	1,129,994.10
March 2034	11,743,979.36	February 2039	4,386,629.66	January 2044	1,094,576.19
April 2034	11,566,611.16	March 2039	4,305,045.07	February 2044	1,059,696.18
May 2034	11,391,489.46	April 2039	4,224,568.43	March 2044	1,025,347.23
June 2034	11,218,587.92	May 2039	4,145,186.30	April 2044	991,522.60
July 2034	11,047,880.47	June 2039	4,066,885.41	May 2044	958,215.63
August 2034	10,879,341.36	July 2039	3,989,652.64	June 2044	925,419.71
September 2034	10,712,945.13	August 2039	3,913,475.02	July 2044	893,128.34
October 2034	10,548,666.58	September 2039	3,838,339.72	August 2044	861,335.09
November 2034	10,386,480.82	October 2039	3,764,234.07	September 2044	830,033.58
December 2034	10,226,363.23	November 2039	3,691,145.53	October 2044	799,217.55
January 2035	10,068,289.47	December 2039	3,619,061.73	November 2044	768,880.78
February 2035	9,912,235.49	January 2040	3,547,970.42	December 2044	739,017.12
March 2035	9,758,177.47	February 2040	3,477,859.50	January 2045	709,620.52
April 2035	9,606,091.91	March 2040	3,408,717.00	February 2045	680,684.99
May 2035	9,455,955.54	April 2040	3,340,531.10	March 2045	652,204.59
June 2035	9,307,745.36	May 2040	3,273,290.11	April 2045	624,173.48
July 2035	9,161,438.64	June 2040	3,206,982.47	May 2045	596,585.87
August 2035	9,017,012.91	July 2040	3,141,596.76	June 2045	569,436.05
September 2035	8,874,445.93	August 2040	3,077,121.70	July 2045	542,718.36
October 2035	8,733,715.73	September 2040	3,013,546.11	August 2045	516,427.24
November 2035	8,594,800.59	October 2040	2,950,858.98	September 2045	490,557.16
December 2035	8,457,679.03	November 2040	2,889,049.39	October 2045	465,102.67
January 2036	8,322,329.81	December 2040	2,828,106.57	November 2045	440,058.39
February 2036	8,188,731.94	January 2041	2,768,019.87	December 2045	415,419.00
March 2036	8,056,864.66	February 2041	2,708,778.75	January 2046	391,179.24
April 2036	7,926,707.45	March 2041	2,650,372.81	February 2046	367,333.92
May 2036	7,798,240.02	April 2041	2,592,791.76	March 2046	343,877.89
June 2036	7,671,442.31	May 2041	2,536,025.42	April 2046	320,806.10
July 2036	7,546,294.49	June 2041	2,480,063.75	May 2046	298,113.52
August 2036	7,422,776.95	July 2041	2,424,896.81	June 2046	275,795.20
September 2036	7,300,870.30	August 2041	2,370,514.78	July 2046	253,846.26
October 2036	7,180,555.38	September 2041	2,316,907.95	August 2046	232,261.85
November 2036	7,061,813.26	October 2041	2,264,066.74	September 2046	211,037.19
December 2036	6,944,625.18	November 2041	2,211,981.65	October 2046	190,167.57
January 2037	6,828,972.64	December 2041	2,160,643.31	November 2046	169,648.32
February 2037	6,714,837.32	January 2042	2,110,042.47	December 2046	149,474.83
March 2037	6,602,201.13	February 2042	2,060,169.96	January 2047	129,642.55
April 2037	6,491,046.17	March 2042	2,011,016.73	February 2047	110,146.97
May 2037	6,381,354.76	April 2042	1,962,573.84	March 2047	90,983.66
June 2037	6,273,109.39	May 2042	1,914,832.44	April 2047	72,148.22
July 2037	6,166,292.78	June 2042	1,867,783.81	May 2047	53,636.32
August 2037	6,060,887.84	July 2042	1,821,419.29	June 2047	35,443.65
September 2037	5,956,877.67	August 2042	1,775,730.36	July 2047	17,565.99
October 2037	5,854,245.56	September 2042	1,730,708.58		
November 2037	5,752,974.99	October 2042	1,686,345.61	August 2047 and 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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January 24, 2018