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

$755,998,802

FannieMae®

Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2017-99

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.

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

Carefully consider the risk factors on page S-8 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.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
HC(2)	1	$ 36,937,000	PAC/AD	3.0%	FIX	3136AY2L6	April 2042
IH(2)	1	5,276,714(3)	NTL	3.5	FIX/IO	3136AY2M4	April 2042
HK(2)	1	19,685,000	PAC/AD	3.5	FIX	3136AY2N2	December 2047
HZ	1	8,209,190	SUP	3.5	FIX/Z	3136AY2P7	December 2047
NA(2)	2	119,085,000	SEQ	2.0	FIX	3136AY2Q5	June 2043
NB(2)	2	20,094,000	SEQ	2.0	FIX	3136AY2R3	August 2045
NE(2)	2	24,561,158	SEQ	1.5	FIX	3136AY2S1	December 2047
IN(2)	2	4,093,526(3)	NTL	3.0	FIX/IO	3136AY2T9	December 2047
NI(2)	2	54,580,052(3)	NTL	3.0	FIX/IO	3136AY2U6	December 2047
DG	3	5,369,000	PAC	3.0	FIX	3136AY2V4	March 2029
DH	3	20,000,000	PAC	3.0	FIX	3136AY2W2	September 2046
DY	3	2,554,172	PAC	3.0	FIX	3136AY2X0	December 2047
DI	3	3,989,024(3)	NTL	3.5	FIX/IO	3136AY2Y8	December 2047
DK(2)	3	65,068,000	PAC/AD	3.0	FIX	3136AY2Z5	July 2043
ID(2)	3	9,295,428(3)	NTL	3.5	FIX/IO	3136AY3A9	July 2043
DZ(2)	3	8,432,828	PAC	3.5	FIX/Z	3136AY3B7	December 2047
FY	3	10,553,200	SUP	(4)	FLT	3136AY3C5	December 2047
DS	3	1,088,823	SUP	(4)	INV	3136AY3D3	January 2047
DT	3	1,172,577	SUP	(4)	INV	3136AY3E1	January 2047
YS	3	1,206,080	SUP	(4)	INV	3136AY3F8	December 2047
YT	3	1,055,320	SUP	(4)	INV	3136AY3G6	December 2047
BA	4	33,704,000	PAC/AD	3.5	FIX	3136AY3H4	November 2047
BY	4	386,000	PAC/AD	3.5	FIX	3136AY3J0	December 2047
ZB	4	5,910,000	SUP	3.5	FIX/Z	3136AY3K7	December 2047
FB(2)	4	20,000,000	PT	(4)	FLT	3136AY3L5	December 2047
SB(2)	4	20,000,000(3)	NTL	(4)	INV/IO	3136AY3M3	December 2047

(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 HP, HE, HD, HI, IE, ND, NC, DL, D, BT, PE, PG, PH and PY 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 November 30, 2017.

Wells Fargo Securities

November 22, 2017

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
PA(2) . . .	5	$116,734,000	PAC/AD	3.0%	FIX	3136AY3N1	October 2042
PB(2)	5	44,765,000	PAC/AD	3.0	FIX	3136AY3P6	February 2047
PD(2) . . .	5	10,675,000	PAC/AD	3.0	FIX	3136AY3Q4	December 2047
PI(2)	5	24,596,285(3)	NTL	3.5	FIX/IO	3136AY3R2	December 2047
ZP	5	27,826,000	SUP	3.5	FIX/Z	3136AY3S0	December 2047
EA	6	19,863,521	SEQ	3.5	FIX	3136AY3T8	September 2043
EB	6	7,475,174	SEQ	3.5	FIX	3136AY3U5	December 2047
MA	7	33,833,000	SEQ	3.5	FIX	3136AY3V3	May 2053
VM	7	2,652,000	SEQ/AD	3.5	FIX	3136AY3W1	March 2029
MV	7	4,118,000	SEQ/AD	3.5	FIX	3136AY3X9	November 2040
MZ	7	5,538,763	SEQ	3.5	FIX/Z	3136AY3Y7	December 2057
QB	8	66,063,000	PAC/AD	3.5	FIX	3136AY3Z4	December 2047
QI	8	8,257,875(3)	NTL	4.0	FIX/IO	3136AY4A8	December 2047
ZQ	8	11,383,996	SUP	4.0	FIX/Z	3136AY4B6	December 2047
R		0	NPR	0	NPR	3136AY4C4	December 2057
RL		0	NPR	0	NPR	3136AY4D2	December 2057

(1) See "Description of the Certificates—Class Definitions and Abbreviations" in the REMIC prospectus.
(2) Exchangeable classes.
(3) Notional principal balances. These Classes are interest only classes. See page S-6 for a description of how their notional principal balances are calculated.
(4) Based on LIBOR.

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AVAILABLE INFORMATION

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

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

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

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

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

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

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

SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of November 1, 2017. 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	Group 6 MBS
7	Group 7 MBS
8	Group 8 MBS

Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7 and Group 8

Characteristics of the 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	$ 64,831,190	3.50%	3.75% to 6.00%	241 to 360
Group 2 MBS	$163,740,158	3.00%	3.25% to 5.50%	241 to 360
Group 3 MBS	$116,500,000	3.50%	3.75% to 6.00%	241 to 360
Group 4 MBS	$ 60,000,000	4.50%	4.75% to 7.00%	241 to 360
Group 5 MBS	$200,000,000	3.50%	3.75% to 6.00%	241 to 360
Group 6 MBS	$ 27,338,695	3.50%	3.75% to 6.00%	241 to 360
Group 7 MBS	$ 46,141,763	3.50%	3.75% to 6.00%	361 to 480
Group 8 MBS	$ 77,446,996	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	$ 64,831,190	360	358	1	4.195%
Group 2 MBS	$163,740,158	360	357	2	3.756%
Group 3 MBS	$116,500,000	360	357	3	4.258%
Group 4 MBS	$ 60,000,000	360	336	21	4.930%
Group 5 MBS	$200,000,000	360	358	2	4.195%
Group 6 MBS	$ 27,338,695	360	357	3	4.203%
Group 7 MBS	$ 46,141,763	480	435	44	4.082%
Group 8 MBS	$ 77,446,996	360	349	9	4.530%

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

Settlement Date

We expect to issue the certificates on November 30, 2017.

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)
FY	2.2400%	5.00000%	1.00%	LIBOR + 100 basis points
DS	8.5292%	14.53845%	0.00%	14.53845% − (4.84615 × LIBOR)
DT	4.5000%	4.50000%	0.00%	18% − (4.5 × LIBOR)
YS	7.7000%	13.12500%	0.00%	13.125% − (4.375 × LIBOR)
YT	5.0000%	5.00000%	0.00%	20% − (5 × LIBOR)
FB	1.5400%	6.50000%	0.30%	LIBOR + 30 basis points
SB	4.9600%	6.20000%	0.00%	6.2% − LIBOR

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

Notional Classes

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

Class	
IH	14.2857135122% of the HC Class
IN	16.6666653095% of the NE Class
NI	33.3333329262% of the Group 2 MBS
DI	14.2857122393% of the *sum* of the DG, DH and DY Classes
ID	14.2857134075% of the DK Class
SB	100% of the FB Class
PI	14.2857138709% of the *sum* of the PA, PB and PD Classes
QI	12.5% of the QB Class
HI	14.2857140334% of the *sum* of the HC and HK Classes
IE	16.6666653095% of the NE Class *plus* 33.3333329262% of the Group 2 MBS

Distributions of Principal

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

Weighted Average Lives (years)*

	PSA Prepayment Assumption								
Group 1 Classes	**0%**	**100%**	**125%**	**170%**	**215%**	**300%**	**500%**	**700%**	**900%**
HC, IH and HP	11.5	4.8	4.2	4.2	4.2	3.6	2.6	2.1	1.8
HK	22.6	14.2	13.8	13.8	13.8	10.8	6.9	5.1	4.0
HZ	27.7	21.1	19.3	11.9	3.0	1.7	1.1	0.8	0.7
HE, HD and HI	15.4	8.1	7.6	7.6	7.6	6.1	4.1	3.2	2.6

	PSA Prepayment Assumption								
Group 2 Classes	**0%**	**100%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**	**1200%**
NA	15.6	6.7	4.3	3.3	2.7	2.3	1.9	1.6	1.4
NB	26.6	17.1	11.1	8.1	6.3	5.2	3.9	3.2	2.5
NE, IN and ND	28.9	24.0	18.0	13.6	10.6	8.7	6.3	4.8	3.6
NI	19.0	10.6	7.2	5.4	4.3	3.6	2.8	2.3	1.8
IE	19.7	11.5	8.0	6.0	4.8	4.0	3.0	2.5	1.9
NC	17.2	8.2	5.3	4.0	3.2	2.7	2.2	1.8	1.5

Group 3 Classes	PSA Prepayment Assumption								
	0%	100%	150%	187%	225%	300%	500%	700%	900%
DG	5.6	1.8	1.5	1.5	1.5	1.5	1.3	1.2	1.0
DH	19.9	9.1	7.2	7.2	7.2	5.8	3.9	3.0	2.5
DY	27.5	20.3	19.7	19.7	19.7	16.1	10.3	7.3	5.6
DI and D	17.8	8.7	7.2	7.2	7.2	5.9	4.0	3.0	2.5
DK, ID and DL	14.6	6.6	5.3	5.3	5.3	4.5	3.1	2.5	2.1
DZ	26.2	18.0	16.7	16.7	16.7	13.9	9.1	6.6	5.1
FY	29.1	24.0	18.3	9.8	2.9	1.6	1.0	0.7	0.6
DS and DT	28.6	21.4	13.8	2.9	1.6	1.1	0.6	0.5	0.4
YS and YT	29.6	26.6	22.9	16.8	4.2	2.2	1.3	1.0	0.8

Group 4 Classes	PSA Prepayment Assumption								
	0%	100%	125%	160%	225%	300%	400%	600%	800%
BA	15.3	6.9	6.4	6.4	6.4	5.1	3.9	2.5	1.8
BY	25.5	25.3	25.3	25.3	25.3	22.3	18.1	12.1	8.5
ZB	27.5	19.6	18.0	13.2	1.9	0.9	0.6	0.3	0.2
FB, SB and BT	19.9	9.9	8.8	7.6	5.9	4.6	3.5	2.3	1.6

Group 5 Classes	PSA Prepayment Assumption								
	0%	100%	125%	175%	225%	300%	500%	700%	900%
PA	11.6	4.8	4.3	4.3	4.3	3.6	2.6	2.1	1.8
PB	21.8	12.4	12.0	12.0	12.0	9.5	6.1	4.5	3.6
PD	24.6	21.4	21.4	21.4	21.4	17.7	11.4	8.1	6.1
PI, PG, PH and PY	15.0	7.8	7.3	7.3	7.3	6.0	4.1	3.1	2.6
ZP	27.4	20.8	19.1	11.6	2.9	1.8	1.1	0.8	0.7
PE	14.4	6.9	6.4	6.4	6.4	5.3	3.6	2.8	2.3

Group 6 Classes	PSA Prepayment Assumption							
	0%	100%	200%	298%	400%	500%	700%	900%
EA	16.0	6.7	4.3	3.2	2.6	2.3	1.8	1.5
EB	28.0	21.0	14.9	11.1	8.7	7.1	5.1	4.0

Group 7 Classes	PSA Prepayment Assumption								
	0%	100%	133%	200%	300%	400%	600%	800%	1000%
MA	23.5	6.7	5.3	3.7	2.5	1.8	1.2	0.8	0.6
VM	6.0	6.0	6.0	5.8	4.8	4.0	2.7	2.0	1.5
MV	17.4	15.8	14.0	10.6	7.6	5.8	3.8	2.6	1.9
MZ	37.8	25.1	22.4	17.8	13.0	10.0	6.5	4.5	3.3

Group 8 Classes	PSA Prepayment Assumption								
	0%	100%	120%	175%	225%	300%	400%	600%	800%
QB and QI	14.7	7.4	7.0	7.0	7.0	5.7	4.5	3.1	2.4
ZQ	27.1	19.9	18.8	10.7	2.4	1.3	0.9	0.6	0.4

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

ADDITIONAL RISK FACTORS

Recent natural disasters may present a risk of increased mortgage loan defaults. In 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. Also, in October 2017, various areas of Northern California were affected by wildfires. The full extent of the physical damage resulting from the foregoing events, including severe flooding, high winds and environmental contamination or fire, 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.

As discussed in the REMIC Prospectus under "Risk Factors—Risks Relating to Yield and Prepayment—*Intercontinental Exchange Benchmark Administration is the new LIBOR administrator*," if we determine that the methods for establishing LIBOR are no longer viable, 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. We will designate any alternative method or index taking into account general comparability and other factors. In addition, we may apply an adjustment factor to any designated alternative index as deemed appropriate to better achieve comparability and otherwise in keeping with industry-accepted practices. However, we can provide no assurance that any such alternative will yield the same or similar economic results over the lives of the related classes.

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 November 1, 2017 (the "Issue Date"). We will issue the Guaranteed REMIC Pass-Through Certificates (the "REMIC Certificates") pursuant to that trust agreement and supplement. We will issue the Combinable and Recombinable REMIC Certificates (the "RCR Certificates" and, together with the REMIC Certificates, the "Certificates") pursuant to a separate trust agreement dated as of May 1, 2010 and a supplement thereto dated as of the Issue Date (together with the trust agreement and supplement relating to the REMIC Certificates, the "Trust Agreement"). We will execute the Trust Agreement in our corporate capacity and as trustee (the "Trustee"). In general, the term "Classes" includes the Classes of REMIC Certificates and RCR Certificates.

The assets of the Trust will include eight groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the "Group 1 MBS," "Group 2 MBS," "Group 3 MBS," "Group 4 MBS," "Group 5 MBS," "Group 6 MBS," "Group 7 MBS" and "Group 8 MBS," and together, the "MBS").

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

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

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

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

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

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

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

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

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 MBS

The MBS provide that principal and interest on the related Mortgage Loans are passed through monthly. The Mortgage Loans underlying the MBS are conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. These Mortgage Loans have original maturities of up to 30 years in the case of the Group 1 MBS, Group 2 MBS, Group 3 MBS, Group 4 MBS, Group 5 MBS, Group 6 MBS and Group 8 MBS; and up to 40 years in the case of the Group 7 MBS.

In addition, the pools of mortgage loans backing the Group 1 MBS, Group 3 MBS, Group 5 MBS and Group 6 MBS have been designated as pools that include "jumbo-conforming" or "high balance" mortgage loans as described further under "The Mortgage Loans—Mortgage Loans with Original Principal Balances Exceeding our Traditional Conforming Loan Limits" in the MBS Prospectus dated 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 1 MBS, Group 3 MBS, Group 5 MBS and Group 6 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also "Risk Factors—Risks Relating to Yield and Prepayment—*"Jumbo-conforming" mortgage loans, which have original principal balances that exceed our traditional conforming loan limits, may prepay at different rates than conforming balance mortgage loans generally*" in the MBS Prospectus dated June 1, 2016.

Furthermore, the Mortgage Loans backing the Group 2 MBS are relocation Mortgage Loans made under agreements between lenders and employers that frequently relocate their employees. For additional information, see "Risk Factors—Risks Relating to Yield and Prepayment—*Pools containing relocation mortgage loans may perform differently than do otherwise comparable pools containing non-relocation mortgage loans*" and "The Mortgage Loans—Eligibility for Good Delivery into a TBA Trade—*Special Feature Mortgage Loans—Relocation Loans*" in the MBS Prospectus dated June 1, 2016.

Finally, the pools of Mortgage Loans backing the Group 7 MBS have been designated as pools of "reperforming modified loans" as described further under "The Mortgage Loans—Previously Delinquent Mortgage Loans—*Reperforming Loans*" and "*—Reperforming Modified Loans*" in the MBS Prospectus dated June 1, 2016. These loans are conventional, modified mortgage loans that became delinquent after we initially acquired them but were current as of the issue date of each related MBS. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at www.fanniemae.com. For additional information about the particular pools underlying the Group 7 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also "Risk Factors—Risks Relating to Yield and Prepayment—*Mortgage loans that became delinquent after we initially acquired them, and that in some cases may have been modified, may perform differently than do mortgage loans without a history of delinquency*" in the MBS Prospectus dated June 1, 2016.

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

Distributions of Interest

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

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 and the FY, DS, DT, YS and YT Classes	FB and SB Classes

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

Accrual Classes. The HZ, DZ, ZB, ZP, MZ and ZQ Classes are Accrual Classes. Interest will accrue on each Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement or on Schedule 1. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on each Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Classes as described under "—Distributions of Principal" below.

Distributions of Principal

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

- *Group 1*

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

The Group 1 Cash Flow Distribution Amount in the following priority:

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

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

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

"Aggregate Group I" consists of the HC and HK Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I to HC and HK, 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 Group 2 Principal Distribution Amount to NA, NB and NE, in that order, until retired. **Sequential Pay Classes**

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

- *Group 3*

The DZ Accrual Amount to DK until retired, and thereafter to DZ. **Accretion Directed Class and Accrual Class**

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

1. To Aggregate Group II to its Planned Balance. **PAC Group**
2. To FY, DS, DT, YS and YT as follows: **Support Classes**
   — 70% to FY until retired; and
   — 30% as follows:
   first, to DS and DT, pro rata, until retired; and
   second, to YS and YT, pro rata, until retired.
3. To Aggregate Group II to zero. **PAC Group**

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

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

"Aggregate Group II" consists of the DG, DH, DY, DK and DZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II as follows:

— 27.5311287269% to DG, DH and DY, in that order, until retired, and

— 72.4688712731% to DK and DZ, in that order, until retired.

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

- *Group 4*

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

The Group 4 Cash Flow Distribution Amount as follows:

— 66.6666666667% as follows:

first, to Aggregate Group III to its Planned Balance; **PAC Group** *second*, to ZB until retired; and — **Support Class**

third, to Aggregate Group III to zero. — **PAC Group**

— 33.3333333333% to FB until retired. — **Pass-Through Class**

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

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

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

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

- *Group 5*

The ZP Accrual Amount to Aggregate Group IV to its Planned Balance, and thereafter to ZP. — **Accretion Directed/PAC Group and Accrual Class**

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

1. To Aggregate Group IV to its Planned Balance. — **PAC Group**
2. To ZP until retired. — **Support Class**
3. To Aggregate Group IV to zero. — **PAC Group**

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

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

"Aggregate Group IV" consists of the PA, PB and PD Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV to PA, PB and PD, 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 6*

The Group 6 Principal Distribution Amount to EA and EB, in that order, until retired. — **Sequential Pay Classes**

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

- *Group 7*

The MZ Accrual Amount to VM and MV, in that order until retired, and thereafter to MZ. — **Accretion Directed Classes and Accrual Class**

The Group 7 Cash Flow Distribution Amount to MA, VM, MV and MZ, in that order, until retired. — **Sequential Pay Classes**

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

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

• *Group 8*

The ZQ Accrual Amount to QB to its Planned Balance, and thereafter to ZQ. } **Accretion Directed/PAC Class and Accrual Class**

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

1. To QB to its Planned Balance. } **PAC Class**

2. To ZQ until retired. } **Support Class**

3. To QB until retired. } **PAC Class**

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

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

Structuring Assumptions

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

- the Mortgage Loans underlying the MBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under "Summary—Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7, and Group 8—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 November 30, 2017; and
- each Distribution Date occurs on the 25th day of a month.

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

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

Principal Balance Schedules. The Principal Balance Schedules are set forth beginning on page B-1 of this prospectus supplement. The Principal Balance Schedules were prepared based on the Pricing Assumptions and the assumption that the related Mortgage Loans prepay at a *constant* rate within the applicable "Structuring Ranges" specified in the chart below. The "Effective Range" for an Aggregate Group 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. 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 125% and 215% PSA	Between 125% and 215% PSA
Aggregate Group II Planned Balances	Between 150% and 225% PSA	Between 150% and 225% PSA
Aggregate Group III Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
Aggregate Group IV Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
QB Class Planned Balances	Between 120% and 225% PSA	Between 120% and 225% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	HC and HK
Aggregate Group II	DG, DH, DY, DK and DZ
Aggregate Group III	BA and BY
Aggregate Group IV	PA, PB and PD

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 Range, 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 the Aggregate Groups and the QB Class to their scheduled balances in any month. As a result, the likelihood of reducing the Aggregate Groups and the QB Class to their scheduled balances each month will not be improved by the averaging of high and low principal distributions from month to month.

- Even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Range or Effective Range, principal distributions may be insufficient to reduce the Aggregate Groups and the QB 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 QB 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 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
IH	308%
IN	357%
NI	287%
DI	406%
ID	357%
PI	402%
QI	340%
HI	386%
IE	297%

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*
IH	12.0000%
IN	35.0000%
NI	16.5639%
DI	16.2031%
ID	13.6250%
PI	16.6875%
QI	20.2500%
HI	17.3125%
IE	17.8501%

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

Sensitivity of the IH Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	125%	170%	215%	300%	500%	700%	900%
Pre-Tax Yields to Maturity	18.2%	11.2%	7.6%	7.6%	7.6%	0.7%	(17.8)%	(34.2)%	(48.0)%

Sensitivity of the IN Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	200%	300%	400%	500%	700%	900%	1200%
Pre-Tax Yields to Maturity	7.4%	6.9%	5.0%	2.0%	(1.6)%	(5.9)%	(15.5)%	(26.5)%	(45.3)%

Sensitivity of the NI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	200%	300%	400%	500%	700%	900%	1200%
Pre-Tax Yields to Maturity	12.9%	10.3%	4.8%	(0.7)%	(6.4)%	(12.3)%	(24.4)%	(37.1)%	(57.2)%

Sensitivity of the DI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	150%	187%	225%	300%	500%	700%	900%
Pre-Tax Yields to Maturity	15.9%	12.4%	9.1%	9.1%	9.1%	5.7%	(5.3)%	(17.0)%	(29.4)%

Sensitivity of the ID Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	150%	187%	225%	300%	500%	700%	900%
Pre-Tax Yields to Maturity	18.4%	13.8%	8.9%	8.9%	8.9%	4.2%	(11.2)%	(26.8)%	(41.5)%

Sensitivity of the PI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	125%	175%	225%	300%	500%	700%	900%
Pre-Tax Yields to Maturity . . .	13.7%	10.1%	8.7%	8.7%	8.7%	5.3%	(5.4)%	(16.8)%	(28.8)%

Sensitivity of the QI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	120%	175%	225%	300%	400%	600%	800%
Pre-Tax Yields to Maturity . . .	11.4%	7.4%	6.3%	6.3%	6.3%	2.4%	(3.7)%	(16.7)%	(30.9)%

Sensitivity of the HI Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	125%	170%	215%	300%	500%	700%	900%
Pre-Tax Yields to Maturity . . .	13.2%	9.7%	8.4%	8.4%	8.4%	4.5%	(6.1)%	(17.4)%	(29.1)%

Sensitivity of the IE Class to Prepayments

	PSA Prepayment Assumption								
	50%	100%	200%	300%	400%	500%	700%	900%	1200%
Pre-Tax Yields to Maturity . . .	12.0%	9.6%	4.9%	(0.1)%	(5.4)%	(10.9)%	(22.5)%	(34.9)%	(54.8)%

The Inverse Floating Rate Classes. **The yields on the Inverse Floating Rate Classes will be sensitive in varying degrees to the rate of principal payments (including prepayments) of the related Mortgage Loans and to the level of the Index. The Mortgage Loans generally can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the related Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. As illustrated in the 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*
DS	98.75%
DT	98.75%
YS	98.75%
YT	98.75%
SB	22.00%

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

	PSA Prepayment Assumption								
LIBOR	50%	100%	150%	187%	225%	300%	500%	700%	900%
0.62%	11.9%	11.9%	11.9%	12.0%	12.2%	12.3%	12.7%	12.9%	13.2%
1.24%	8.8%	8.8%	8.8%	9.0%	9.2%	9.4%	9.9%	10.3%	10.6%
3.00% and above	0.0%	0.1%	0.1%	0.4%	0.8%	1.2%	2.1%	2.8%	3.5%

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

	PSA Prepayment Assumption								
LIBOR	50%	100%	150%	187%	225%	300%	500%	700%	900%
3.0% and below	4.6%	4.6%	4.6%	4.9%	5.2%	5.5%	6.1%	6.7%	7.2%
3.2%	3.7%	3.7%	3.7%	4.0%	4.3%	4.6%	5.3%	5.9%	6.4%
3.4%	2.8%	2.8%	2.8%	3.1%	3.4%	3.8%	4.5%	5.1%	5.7%
3.6%	1.9%	1.9%	1.9%	2.2%	2.5%	2.9%	3.7%	4.3%	4.9%
4.0% and above	0.0%	0.1%	0.1%	0.4%	0.8%	1.2%	2.1%	2.8%	3.4%

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

	PSA Prepayment Assumption								
LIBOR	50%	100%	150%	187%	225%	300%	500%	700%	900%
0.62%	10.7%	10.7%	10.7%	10.7%	10.8%	10.9%	11.1%	11.3%	11.4%
1.24%	7.9%	7.9%	7.9%	7.9%	8.0%	8.2%	8.4%	8.6%	8.8%
3.00% and above	0.0%	0.0%	0.1%	0.1%	0.3%	0.6%	1.0%	1.3%	1.6%

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

	PSA Prepayment Assumption								
LIBOR	50%	100%	150%	187%	225%	300%	500%	700%	900%
3.00% and below	5.1%	5.1%	5.1%	5.1%	5.3%	5.5%	5.8%	6.0%	6.3%
3.25%	3.8%	3.8%	3.8%	3.9%	4.0%	4.3%	4.6%	4.8%	5.1%
3.50%	2.6%	2.6%	2.6%	2.6%	2.8%	3.0%	3.4%	3.7%	3.9%
3.75%	1.3%	1.3%	1.3%	1.3%	1.5%	1.8%	2.2%	2.5%	2.7%
4.00% and above	0.0%	0.0%	0.1%	0.1%	0.3%	0.6%	1.0%	1.3%	1.6%

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

	PSA Prepayment Assumption								
LIBOR	**50%**	**100%**	**125%**	**160%**	**225%**	**300%**	**400%**	**600%**	**800%**
0.62%	20.9%	17.6%	15.9%	13.6%	9.1%	3.9%	(3.4)%	(18.8)%	(35.6)%
1.24%	17.8%	14.5%	12.8%	10.5%	6.1%	0.9%	(6.3)%	(21.5)%	(38.2)%
3.24%	7.4%	4.3%	2.7%	0.4%	(3.8)%	(8.9)%	(15.8)%	(30.5)%	(46.7)%
5.24%	(5.5)%	(8.4)%	(10.0)%	(12.1)%	(16.1)%	(20.9)%	(27.5)%	(41.4)%	(57.4)%
6.20%	*	*	*	*	*	*	*	*	*

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions, and
- the priority sequences of distributions of principal of the Group 1, Group 2, Group 3, Group 4, Group 5, Group 6, Group 7 and Group 8 Classes.

See "—Distributions of Principal" above.

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

Decrement Tables

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

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

Mortgage Loans Backing Trust Assets Specified Below	Original and Remaining Terms to Maturity	Interest Rates
Group 1 MBS	360 months	6.00%
Group 2 MBS	360 months	5.50%
Group 3 MBS	360 months	6.00%
Group 4 MBS	360 months	7.00%
Group 5 MBS	360 months	6.00%
Group 6 MBS	360 months	6.00%
Group 7 MBS	480 months	6.00%
Group 8 MBS	360 months	6.50%

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

In addition, the diverse remaining terms to maturity of the Mortgage Loans could produce slower or faster principal distributions than indicated in the tables at the specified constant PSA rates, even if the weighted average remaining term to maturity and the weighted average loan age of the Mortgage Loans are identical to the weighted averages specified in the Pricing Assumptions. This is the case because pools of loans with identical weighted averages are likely to reflect differing dispersions of the related characteristics.

Percent of Original Principal Balances Outstanding

	HC, IH† and HP Classes									HK Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**125%**	**170%**	**215%**	**300%**	**500%**	**700%**	**900%**	**0%**	**100%**	**125%**	**170%**	**215%**	**300%**	**500%**	**700%**	**900%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	97	94	93	93	93	93	93	93	93	100	100	100	100	100	100	100	100	100
November 2019	94	83	81	81	81	81	73	56	41	100	100	100	100	100	100	100	100	100
November 2020	91	70	66	66	66	62	34	10	0	100	100	100	100	100	100	100	100	82
November 2021	87	57	51	51	51	39	7	0	0	100	100	100	100	100	100	100	68	37
November 2022	84	46	38	38	38	21	0	0	0	100	100	100	100	100	100	77	38	17
November 2023	80	34	26	26	26	6	0	0	0	100	100	100	100	100	100	53	22	8
November 2024	76	24	14	14	14	0	0	0	0	100	100	100	100	100	89	36	12	3
November 2025	71	14	4	4	4	0	0	0	0	100	100	100	100	100	71	24	7	2
November 2026	67	4	0	0	0	0	0	0	0	100	100	91	91	91	57	17	4	1
November 2027	62	0	0	0	0	0	0	0	0	100	91	77	77	77	45	11	2	*
November 2028	57	0	0	0	0	0	0	0	0	100	76	65	65	65	36	8	1	*
November 2029	52	0	0	0	0	0	0	0	0	100	61	54	54	54	28	5	1	*
November 2030	46	0	0	0	0	0	0	0	0	100	46	45	45	45	22	3	*	*
November 2031	40	0	0	0	0	0	0	0	0	100	38	38	38	38	18	2	*	*
November 2032	34	0	0	0	0	0	0	0	0	100	32	32	32	32	14	2	*	*
November 2033	27	0	0	0	0	0	0	0	0	100	26	26	26	26	11	1	*	*
November 2034	20	0	0	0	0	0	0	0	0	100	22	22	22	22	8	1	*	*
November 2035	13	0	0	0	0	0	0	0	0	100	18	18	18	18	6	*	*	*
November 2036	5	0	0	0	0	0	0	0	0	100	14	14	14	14	5	*	*	*
November 2037	0	0	0	0	0	0	0	0	0	94	12	12	12	12	4	*	*	*
November 2038	0	0	0	0	0	0	0	0	0	78	9	9	9	9	3	*	*	*
November 2039	0	0	0	0	0	0	0	0	0	60	7	7	7	7	2	*	*	*
November 2040	0	0	0	0	0	0	0	0	0	42	6	6	6	6	2	*	*	*
November 2041	0	0	0	0	0	0	0	0	0	23	4	4	4	4	1	*	*	*
November 2042	0	0	0	0	0	0	0	0	0	3	3	3	3	3	1	*	*	0
November 2043	0	0	0	0	0	0	0	0	0	2	2	2	2	2	*	*	*	0
November 2044	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0
November 2045	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0
November 2046	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	*	*	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	11.5	4.8	4.2	4.2	4.2	3.6	2.6	2.1	1.8	22.6	14.2	13.8	13.8	13.8	10.8	6.9	5.1	4.0

* 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.

	HZ Class									HE, HD and HI† Classes								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**125%**	**170%**	**215%**	**300%**	**500%**	**700%**	**900%**	**0%**	**100%**	**125%**	**170%**	**215%**	**300%**	**500%**	**700%**	**900%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	104	104	104	98	93	83	59	36	12	98	96	95	95	95	95	95	95	95
November 2019	107	107	107	89	71	38	0	0	0	96	89	88	88	88	88	82	72	62
November 2020	111	111	111	77	44	0	0	0	0	94	80	78	78	78	75	57	42	29
November 2021	115	115	115	68	23	0	0	0	0	92	72	68	68	68	60	39	24	13
November 2022	119	119	119	62	10	0	0	0	0	89	64	60	60	60	49	27	13	6
November 2023	123	123	123	59	3	0	0	0	0	87	57	52	52	52	39	18	8	3
November 2024	128	128	128	59	*	0	0	0	0	84	50	44	44	44	31	12	4	1
November 2025	132	132	131	60	*	0	0	0	0	81	44	37	37	37	25	9	2	1
November 2026	137	137	131	59	*	0	0	0	0	78	38	32	32	32	20	6	1	*
November 2027	142	142	129	57	*	0	0	0	0	75	32	27	27	27	16	4	1	*
November 2028	147	147	125	54	*	0	0	0	0	72	26	22	22	22	12	3	*	*
November 2029	152	152	120	51	*	0	0	0	0	68	21	19	19	19	10	2	*	*
November 2030	158	158	113	47	*	0	0	0	0	65	16	16	16	16	8	1	*	*
November 2031	163	151	106	44	*	0	0	0	0	61	13	13	13	13	6	1	*	*
November 2032	169	142	98	40	*	0	0	0	0	57	11	11	11	11	5	1	*	*
November 2033	175	131	90	36	*	0	0	0	0	53	9	9	9	9	4	*	*	*
November 2034	181	121	82	32	*	0	0	0	0	48	7	7	7	7	3	*	*	*
November 2035	188	110	74	28	*	0	0	0	0	43	6	6	6	6	2	*	*	*
November 2036	194	99	66	25	*	0	0	0	0	38	5	5	5	5	2	*	*	*
November 2037	201	89	58	22	*	0	0	0	0	33	4	4	4	4	1	*	*	*
November 2038	208	78	51	18	*	0	0	0	0	27	3	3	3	3	1	*	*	*
November 2039	216	68	44	15	*	0	0	0	0	21	3	3	3	3	1	*	*	*
November 2040	223	58	37	13	*	0	0	0	0	15	2	2	2	2	1	*	*	*
November 2041	231	48	30	10	*	0	0	0	0	8	1	1	1	1	*	*	*	0
November 2042	237	39	24	8	*	0	0	0	0	1	1	1	1	1	*	*	*	0
November 2043	196	30	18	6	*	0	0	0	0	1	1	1	1	1	*	*	*	0
November 2044	152	22	13	4	*	0	0	0	0	1	1	1	1	1	*	*	*	0
November 2045	105	14	8	3	*	0	0	0	0	*	*	*	*	*	*	*	*	0
November 2046	54	6	4	1	*	0	0	0	0	*	*	*	*	*	*	*	*	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	27.7	21.1	19.3	11.9	3.0	1.7	1.1	0.8	0.7	15.4	8.1	7.6	7.6	7.6	6.1	4.1	3.2	2.6

	NA Class									NB Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**	**1200%**	**0%**	**100%**	**200%**	**300%**	**400%**	**500%**	**700%**	**900%**	**1200%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	98	95	93	91	88	86	81	76	69	100	100	100	100	100	100	100	100	100
November 2019	96	87	80	73	65	59	45	33	15	100	100	100	100	100	100	100	100	100
November 2020	94	77	64	51	40	29	10	0	0	100	100	100	100	100	100	100	69	0
November 2021	92	68	50	34	20	8	0	0	0	100	100	100	100	100	100	38	0	0
November 2022	90	59	37	19	5	0	0	0	0	100	100	100	100	100	62	0	0	0
November 2023	87	51	27	8	0	0	0	0	0	100	100	100	100	64	3	0	0	0
November 2024	85	44	18	0	0	0	0	0	0	100	100	100	93	16	0	0	0	0
November 2025	82	37	10	0	0	0	0	0	0	100	100	100	49	0	0	0	0	0
November 2026	79	30	3	0	0	0	0	0	0	100	100	100	14	0	0	0	0	0
November 2027	76	24	0	0	0	0	0	0	0	100	100	80	0	0	0	0	0	0
November 2028	73	18	0	0	0	0	0	0	0	100	100	50	0	0	0	0	0	0
November 2029	69	13	0	0	0	0	0	0	0	100	100	24	0	0	0	0	0	0
November 2030	66	8	0	0	0	0	0	0	0	100	100	1	0	0	0	0	0	0
November 2031	62	3	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
November 2032	58	0	0	0	0	0	0	0	0	100	95	0	0	0	0	0	0	0
November 2033	54	0	0	0	0	0	0	0	0	100	72	0	0	0	0	0	0	0
November 2034	49	0	0	0	0	0	0	0	0	100	50	0	0	0	0	0	0	0
November 2035	45	0	0	0	0	0	0	0	0	100	29	0	0	0	0	0	0	0
November 2036	40	0	0	0	0	0	0	0	0	100	10	0	0	0	0	0	0	0
November 2037	34	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
November 2038	29	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
November 2039	23	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
November 2040	17	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
November 2041	10	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
November 2042	3	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0	77	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	15.6	6.7	4.3	3.3	2.7	2.3	1.9	1.6	1.4	26.6	17.1	11.1	8.1	6.3	5.2	3.9	3.2	2.5

* 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.

NE, IN† and ND Classes

Date	PSA Prepayment Assumption								
	0%	100%	200%	300%	400%	500%	700%	900%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	100	100
November 2020	100	100	100	100	100	100	100	100	73
November 2021	100	100	100	100	100	100	100	70	20
November 2022	100	100	100	100	100	100	74	32	5
November 2023	100	100	100	100	100	100	42	14	1
November 2024	100	100	100	100	100	70	24	6	*
November 2025	100	100	100	100	83	48	13	3	*
November 2026	100	100	100	100	61	32	7	1	*
November 2027	100	100	100	89	45	22	4	1	*
November 2028	100	100	100	70	33	15	2	*	*
November 2029	100	100	100	55	24	10	1	*	*
November 2030	100	100	100	44	18	7	1	*	*
November 2031	100	100	85	34	13	4	*	*	*
November 2032	100	100	71	27	9	3	*	*	*
November 2033	100	100	59	21	7	2	*	*	*
November 2034	100	100	49	16	5	1	*	*	0
November 2035	100	100	41	12	3	1	*	*	0
November 2036	100	100	33	9	2	1	*	*	0
November 2037	100	94	27	7	2	*	*	*	0
November 2038	100	81	22	5	1	*	*	*	0
November 2039	100	68	17	4	1	*	*	*	0
November 2040	100	57	13	3	1	*	*	*	0
November 2041	100	47	10	2	*	*	*	*	0
November 2042	100	37	8	1	*	*	*	*	0
November 2043	100	28	5	1	*	*	*	0	0
November 2044	100	20	4	1	*	*	*	0	0
November 2045	86	12	2	*	*	*	*	0	0
November 2046	44	5	1	*	*	*	*	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.9	24.0	18.0	13.6	10.6	8.7	6.3	4.8	3.6

NI† Class

Date	PSA Prepayment Assumption								
	0%	100%	200%	300%	400%	500%	700%	900%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	99	96	95	93	91	90	86	83	78
November 2019	97	91	85	80	75	70	60	51	38
November 2020	96	84	74	64	56	48	35	23	11
November 2021	94	77	63	52	42	33	20	11	3
November 2022	92	70	54	41	31	23	11	5	1
November 2023	91	65	47	33	23	15	6	2	*
November 2024	89	59	40	26	17	10	4	1	*
November 2025	87	54	34	21	13	7	2	*	*
November 2026	85	49	29	17	9	5	1	*	*
November 2027	83	45	25	13	7	3	1	*	*
November 2028	80	41	21	11	5	2	*	*	*
November 2029	78	37	18	8	4	1	*	*	*
November 2030	75	33	15	7	3	1	*	*	*
November 2031	72	30	13	5	2	1	*	*	*
November 2032	69	27	11	4	1	*	*	*	*
November 2033	66	24	9	3	1	*	*	*	0
November 2034	63	21	7	2	1	*	*	*	0
November 2035	60	19	6	2	1	*	*	*	0
November 2036	56	16	5	1	*	*	*	*	0
November 2037	52	14	4	1	*	*	*	*	0
November 2038	48	12	3	1	*	*	*	*	0
November 2039	44	10	3	1	*	*	*	*	0
November 2040	40	9	2	*	*	*	*	*	0
November 2041	35	7	2	*	*	*	*	0	0
November 2042	30	6	1	*	*	*	*	0	0
November 2043	24	4	1	*	*	*	*	0	0
November 2044	19	3	1	*	*	*	*	0	0
November 2045	13	2	*	*	*	*	*	0	0
November 2046	7	1	*	*	*	*	*	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.0	10.6	7.2	5.4	4.3	3.6	2.8	2.3	1.8

IE† Class

Date	PSA Prepayment Assumption								
	0%	100%	200%	300%	400%	500%	700%	900%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	99	97	95	94	92	90	87	84	79
November 2019	97	91	86	81	77	72	63	54	42
November 2020	96	85	75	67	59	52	39	29	15
November 2021	95	78	66	55	46	38	25	15	4
November 2022	93	73	58	45	36	28	16	7	1
November 2023	91	67	50	38	28	21	9	3	*
November 2024	90	62	44	32	23	15	5	1	*
November 2025	88	57	39	27	17	10	3	1	*
November 2026	86	53	34	23	13	7	2	*	*
November 2027	84	49	30	19	9	5	1	*	*
November 2028	82	45	27	15	7	3	*	*	*
November 2029	79	41	24	12	5	2	*	*	*
November 2030	77	38	21	9	4	1	*	*	*
November 2031	74	35	18	7	3	1	*	*	*
November 2032	72	32	15	6	2	1	*	*	*
November 2033	69	29	12	4	1	*	*	*	0
November 2034	66	27	10	3	1	*	*	*	0
November 2035	63	24	9	3	1	*	*	*	0
November 2036	59	22	7	2	1	*	*	*	0
November 2037	56	20	6	1	*	*	*	*	0
November 2038	52	17	5	1	*	*	*	*	0
November 2039	48	14	4	1	*	*	*	*	0
November 2040	44	12	3	1	*	*	*	*	0
November 2041	39	10	2	*	*	*	*	0	0
November 2042	35	8	2	*	*	*	*	0	0
November 2043	30	6	1	*	*	*	*	0	0
November 2044	24	4	1	*	*	*	*	0	0
November 2045	18	2	*	*	*	*	*	0	0
November 2046	9	1	*	*	*	*	*	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.7	11.5	8.0	6.0	4.8	4.0	3.0	2.5	1.9

NC Class

Date	PSA Prepayment Assumption								
	0%	100%	200%	300%	400%	500%	700%	900%	1200%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	98	96	94	92	90	88	84	80	74
November 2019	97	89	83	77	70	65	53	42	27
November 2020	95	81	69	58	48	39	23	10	0
November 2021	93	73	57	43	31	21	5	0	0
November 2022	91	65	46	31	19	9	0	0	0
November 2023	89	58	37	21	9	*	0	0	0
November 2024	87	52	29	13	2	0	0	0	0
November 2025	85	46	23	7	0	0	0	0	0
November 2026	82	40	17	2	0	0	0	0	0
November 2027	79	35	12	0	0	0	0	0	0
November 2028	77	30	7	0	0	0	0	0	0
November 2029	74	26	3	0	0	0	0	0	0
November 2030	71	21	*	0	0	0	0	0	0
November 2031	68	17	0	0	0	0	0	0	0
November 2032	64	14	0	0	0	0	0	0	0
November 2033	60	10	0	0	0	0	0	0	0
November 2034	57	7	0	0	0	0	0	0	0
November 2035	53	4	0	0	0	0	0	0	0
November 2036	48	1	0	0	0	0	0	0	0
November 2037	44	0	0	0	0	0	0	0	0
November 2038	39	0	0	0	0	0	0	0	0
November 2039	34	0	0	0	0	0	0	0	0
November 2040	29	0	0	0	0	0	0	0	0
November 2041	23	0	0	0	0	0	0	0	0
November 2042	17	0	0	0	0	0	0	0	0
November 2043	11	0	0	0	0	0	0	0	0
November 2044	4	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.2	8.2	5.3	4.0	3.2	2.7	2.2	1.8	1.5

* 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.

Date	DG Class PSA Prepayment Assumption									DH Class PSA Prepayment Assumption								
	0%	100%	150%	187%	225%	300%	500%	700%	900%	0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	93	79	73	73	73	73	73	73	65	100	100	100	100	100	100	100	100	100
November 2019	85	44	27	27	27	27	0	0	0	100	100	100	100	100	100	97	81	65
November 2020	77	2	0	0	0	0	0	0	0	100	100	92	92	92	90	63	41	23
November 2021	68	0	0	0	0	0	0	0	0	100	90	78	78	78	69	39	18	3
November 2022	59	0	0	0	0	0	0	0	0	100	80	66	66	66	53	23	4	0
November 2023	49	0	0	0	0	0	0	0	0	100	71	55	55	55	40	12	0	0
November 2024	38	0	0	0	0	0	0	0	0	100	62	45	45	45	29	4	0	0
November 2025	27	0	0	0	0	0	0	0	0	100	54	36	36	36	21	0	0	0
November 2026	15	0	0	0	0	0	0	0	0	100	46	28	28	28	14	0	0	0
November 2027	3	0	0	0	0	0	0	0	0	100	39	22	22	22	9	0	0	0
November 2028	0	0	0	0	0	0	0	0	0	97	33	16	16	16	4	0	0	0
November 2029	0	0	0	0	0	0	0	0	0	93	26	11	11	11	1	0	0	0
November 2030	0	0	0	0	0	0	0	0	0	89	21	7	7	7	0	0	0	0
November 2031	0	0	0	0	0	0	0	0	0	85	15	4	4	4	0	0	0	0
November 2032	0	0	0	0	0	0	0	0	0	80	10	1	1	1	0	0	0	0
November 2033	0	0	0	0	0	0	0	0	0	76	6	0	0	0	0	0	0	0
November 2034	0	0	0	0	0	0	0	0	0	70	1	0	0	0	0	0	0	0
November 2035	0	0	0	0	0	0	0	0	0	65	0	0	0	0	0	0	0	0
November 2036	0	0	0	0	0	0	0	0	0	59	0	0	0	0	0	0	0	0
November 2037	0	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0
November 2038	0	0	0	0	0	0	0	0	0	47	0	0	0	0	0	0	0	0
November 2039	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0	0	0
November 2040	0	0	0	0	0	0	0	0	0	32	0	0	0	0	0	0	0	0
November 2041	0	0	0	0	0	0	0	0	0	24	0	0	0	0	0	0	0	0
November 2042	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	5.6	1.8	1.5	1.5	1.5	1.5	1.3	1.2	1.0	19.9	9.1	7.2	7.2	7.2	5.8	3.9	3.0	2.5

Date	DY Class PSA Prepayment Assumption									DI† and D Classes PSA Prepayment Assumption								
	0%	100%	150%	187%	225%	300%	500%	700%	900%	0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	100	100	100	99	96	95	95	95	95	95	95	93
November 2019	100	100	100	100	100	100	100	100	100	97	89	86	86	86	86	79	67	56
November 2020	100	100	100	100	100	100	100	100	100	96	81	75	75	75	73	54	38	25
November 2021	100	100	100	100	100	100	100	100	100	94	74	65	65	65	59	37	22	11
November 2022	100	100	100	100	100	100	100	100	56	92	66	57	57	57	47	25	12	5
November 2023	100	100	100	100	100	100	100	76	25	90	60	49	49	49	38	17	7	2
November 2024	100	100	100	100	100	100	100	43	11	88	54	41	41	41	30	12	4	1
November 2025	100	100	100	100	100	100	88	24	5	86	48	35	35	35	24	8	2	*
November 2026	100	100	100	100	100	100	60	14	2	84	42	29	29	29	19	5	1	*
November 2027	100	100	100	100	100	100	41	8	1	81	37	25	25	25	15	4	1	*
November 2028	100	100	100	100	100	100	28	4	*	79	32	21	21	21	12	3	*	*
November 2029	100	100	100	100	100	100	19	2	*	76	28	17	17	17	10	2	*	*
November 2030	100	100	100	100	100	83	13	1	*	73	24	14	14	14	8	1	*	*
November 2031	100	100	100	100	100	65	8	1	*	70	20	12	12	12	6	1	*	*
November 2032	100	100	100	100	100	51	6	*	*	67	16	10	10	10	5	1	*	*
November 2033	100	100	88	88	88	40	4	*	*	63	13	8	8	8	4	*	*	*
November 2034	100	100	72	72	72	31	2	*	*	60	10	7	7	7	3	*	*	*
November 2035	100	78	58	58	58	24	2	*	*	56	7	5	5	5	2	*	*	*
November 2036	100	48	47	47	47	18	1	*	*	52	4	4	4	4	2	*	*	*
November 2037	100	38	38	38	38	14	1	*	*	47	3	3	3	3	1	*	*	*
November 2038	100	30	30	30	30	10	*	*	*	42	3	3	3	3	1	*	*	*
November 2039	100	23	23	23	23	8	*	*	*	38	2	2	2	2	1	*	*	*
November 2040	100	18	18	18	18	6	*	*	*	32	2	2	2	2	1	*	*	*
November 2041	100	14	14	14	14	4	*	*	*	27	1	1	1	1	*	*	*	0
November 2042	100	10	10	10	10	3	*	*	*	21	1	1	1	1	*	*	*	0
November 2043	100	7	7	7	7	2	*	*	*	14	1	1	1	1	*	*	*	0
November 2044	85	4	4	4	4	1	*	*	0	8	*	*	*	*	*	*	*	0
November 2045	7	2	2	2	2	1	*	*	0	1	*	*	*	*	*	*	*	0
November 2046	1	1	1	1	1	*	*	*	0	*	*	*	*	*	*	*	*	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	27.5	20.3	19.7	19.7	19.7	16.1	10.3	7.3	5.6	17.8	8.7	7.2	7.2	7.2	5.9	4.0	3.0	2.5

* 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.

DK, ID† and DL Classes

Date	PSA Prepayment Assumption 0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	98	95	94	94	94	94	94	94	92
November 2019	96	87	83	83	83	83	75	62	49
November 2020	93	77	70	70	70	68	47	29	14
November 2021	91	68	59	59	59	52	27	10	0
November 2022	89	60	48	48	48	38	13	0	0
November 2023	86	51	39	39	39	27	4	0	0
November 2024	83	44	30	30	30	18	0	0	0
November 2025	80	37	22	22	22	10	0	0	0
November 2026	77	30	15	15	15	4	0	0	0
November 2027	73	24	9	9	9	0	0	0	0
November 2028	70	18	4	4	4	0	0	0	0
November 2029	66	12	0	0	0	0	0	0	0
November 2030	62	7	0	0	0	0	0	0	0
November 2031	58	2	0	0	0	0	0	0	0
November 2032	54	0	0	0	0	0	0	0	0
November 2033	49	0	0	0	0	0	0	0	0
November 2034	44	0	0	0	0	0	0	0	0
November 2035	39	0	0	0	0	0	0	0	0
November 2036	33	0	0	0	0	0	0	0	0
November 2037	27	0	0	0	0	0	0	0	0
November 2038	21	0	0	0	0	0	0	0	0
November 2039	14	0	0	0	0	0	0	0	0
November 2040	8	0	0	0	0	0	0	0	0
November 2041	*	0	0	0	0	0	0	0	0
November 2042	0	0	0	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	14.6	6.6	5.3	5.3	5.3	4.5	3.1	2.5	2.1

DZ Class

Date	PSA Prepayment Assumption 0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	104	104	104	104	104	104	104	104	104
November 2019	107	107	107	107	107	107	107	107	107
November 2020	111	111	111	111	111	111	111	111	111
November 2021	115	115	115	115	115	115	115	115	100
November 2022	119	119	119	119	119	119	119	108	45
November 2023	123	123	123	123	123	123	123	61	20
November 2024	128	128	128	128	128	128	103	34	9
November 2025	132	132	132	132	132	132	70	19	4
November 2026	137	137	137	137	137	137	48	11	2
November 2027	142	142	142	142	142	133	33	6	1
November 2028	147	147	147	147	147	106	22	3	*
November 2029	152	152	150	150	150	84	15	2	*
November 2030	158	158	125	125	125	66	10	1	*
November 2031	163	163	103	103	103	52	7	1	*
November 2032	169	143	85	85	85	41	4	*	*
November 2033	175	114	70	70	70	32	3	*	*
November 2034	181	87	57	57	57	24	2	*	*
November 2035	188	62	47	47	47	19	1	*	*
November 2036	194	38	38	38	38	14	1	*	*
November 2037	201	30	30	30	30	11	1	*	*
November 2038	208	24	24	24	24	8	*	*	*
November 2039	216	19	19	19	19	6	*	*	*
November 2040	223	14	14	14	14	4	*	*	*
November 2041	231	11	11	11	11	3	*	*	*
November 2042	181	8	8	8	8	2	*	*	*
November 2043	126	5	5	5	5	1	*	*	0
November 2044	68	4	4	4	4	1	*	*	0
November 2045	6	2	2	2	2	*	*	*	0
November 2046	1	1	1	1	1	*	*	*	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	26.2	18.0	16.7	16.7	16.7	13.9	9.1	6.6	5.1

FY Class

Date	PSA Prepayment Assumption 0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	95	89	78	49	20	0
November 2019	100	100	100	84	67	35	0	0	0
November 2020	100	100	100	71	42	0	0	0	0
November 2021	100	100	100	62	24	0	0	0	0
November 2022	100	100	100	55	12	0	0	0	0
November 2023	100	100	100	51	5	0	0	0	0
November 2024	100	100	100	48	1	0	0	0	0
November 2025	100	100	100	47	*	0	0	0	0
November 2026	100	100	99	46	*	0	0	0	0
November 2027	100	100	96	44	*	0	0	0	0
November 2028	100	100	91	41	*	0	0	0	0
November 2029	100	100	86	38	*	0	0	0	0
November 2030	100	100	80	35	*	0	0	0	0
November 2031	100	100	74	32	*	0	0	0	0
November 2032	100	100	68	29	*	0	0	0	0
November 2033	100	100	62	26	*	0	0	0	0
November 2034	100	100	55	23	*	0	0	0	0
November 2035	100	100	49	20	*	0	0	0	0
November 2036	100	100	43	17	*	0	0	0	0
November 2037	100	89	38	15	*	0	0	0	0
November 2038	100	79	32	13	*	0	0	0	0
November 2039	100	68	27	10	*	0	0	0	0
November 2040	100	58	23	9	*	0	0	0	0
November 2041	100	48	18	7	*	0	0	0	0
November 2042	100	38	14	5	*	0	0	0	0
November 2043	100	30	11	4	*	0	0	0	0
November 2044	100	21	7	3	*	0	0	0	0
November 2045	100	13	5	2	*	0	0	0	0
November 2046	53	5	2	1	*	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.1	24.0	18.3	9.8	2.9	1.6	1.0	0.7	0.6

DS and DT Classes

Date	PSA Prepayment Assumption 0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	89	78	56	0	0	0
November 2019	100	100	100	67	34	0	0	0	0
November 2020	100	100	100	42	0	0	0	0	0
November 2021	100	100	100	23	0	0	0	0	0
November 2022	100	100	100	10	0	0	0	0	0
November 2023	100	100	100	1	0	0	0	0	0
November 2024	100	100	100	0	0	0	0	0	0
November 2025	100	100	100	0	0	0	0	0	0
November 2026	100	100	97	0	0	0	0	0	0
November 2027	100	100	91	0	0	0	0	0	0
November 2028	100	100	83	0	0	0	0	0	0
November 2029	100	100	72	0	0	0	0	0	0
November 2030	100	100	61	0	0	0	0	0	0
November 2031	100	100	49	0	0	0	0	0	0
November 2032	100	100	36	0	0	0	0	0	0
November 2033	100	100	23	0	0	0	0	0	0
November 2034	100	100	11	0	0	0	0	0	0
November 2035	100	100	0	0	0	0	0	0	0
November 2036	100	100	0	0	0	0	0	0	0
November 2037	100	79	0	0	0	0	0	0	0
November 2038	100	57	0	0	0	0	0	0	0
November 2039	100	36	0	0	0	0	0	0	0
November 2040	100	15	0	0	0	0	0	0	0
November 2041	100	0	0	0	0	0	0	0	0
November 2042	100	0	0	0	0	0	0	0	0
November 2043	100	0	0	0	0	0	0	0	0
November 2044	100	0	0	0	0	0	0	0	0
November 2045	100	0	0	0	0	0	0	0	0
November 2046	7	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.6	21.4	13.8	2.9	1.6	1.1	0.6	0.5	0.4

* 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.

YS and YT Classes

Date	PSA Prepayment Assumption								
	0%	100%	150%	187%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	98	39	0
November 2019	100	100	100	100	100	69	0	0	0
November 2020	100	100	100	100	85	0	0	0	0
November 2021	100	100	100	100	49	0	0	0	0
November 2022	100	100	100	100	25	0	0	0	0
November 2023	100	100	100	100	10	0	0	0	0
November 2024	100	100	100	96	2	0	0	0	0
November 2025	100	100	100	94	*	0	0	0	0
November 2026	100	100	100	91	*	0	0	0	0
November 2027	100	100	100	87	*	0	0	0	0
November 2028	100	100	100	82	*	0	0	0	0
November 2029	100	100	100	77	*	0	0	0	0
November 2030	100	100	100	70	*	0	0	0	0
November 2031	100	100	100	64	*	0	0	0	0
November 2032	100	100	100	58	*	0	0	0	0
November 2033	100	100	100	52	*	0	0	0	0
November 2034	100	100	100	46	*	0	0	0	0
November 2035	100	100	98	40	*	0	0	0	0
November 2036	100	100	86	35	*	0	0	0	0
November 2037	100	100	75	30	*	0	0	0	0
November 2038	100	100	65	25	*	0	0	0	0
November 2039	100	100	55	21	*	0	0	0	0
November 2040	100	100	45	17	*	0	0	0	0
November 2041	100	96	37	14	*	0	0	0	0
November 2042	100	77	29	11	*	0	0	0	0
November 2043	100	59	22	8	*	0	0	0	0
November 2044	100	42	15	5	*	0	0	0	0
November 2045	100	26	9	3	*	0	0	0	0
November 2046	100	11	4	1	*	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.6	26.6	22.9	16.8	4.2	2.2	1.3	1.0	0.8

BA Class

Date	PSA Prepayment Assumption								
	0%	100%	125%	160%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	98	91	89	89	89	89	89	78	65
November 2019	96	82	79	79	79	78	67	48	33
November 2020	94	73	69	69	69	62	50	30	16
November 2021	92	65	60	60	60	50	37	18	8
November 2022	90	57	51	51	51	40	27	11	3
November 2023	87	50	43	43	43	31	20	6	1
November 2024	85	43	36	36	36	25	14	4	0
November 2025	82	37	30	30	30	20	10	2	0
November 2026	79	30	25	25	25	15	7	1	0
November 2027	76	25	21	21	21	12	5	0	0
November 2028	73	19	17	17	17	9	3	0	0
November 2029	69	14	14	14	14	7	2	0	0
November 2030	65	12	12	12	12	5	1	0	0
November 2031	61	9	9	9	9	4	1	0	0
November 2032	57	8	8	8	8	3	*	0	0
November 2033	53	6	6	6	6	2	0	0	0
November 2034	48	5	5	5	5	1	0	0	0
November 2035	43	3	3	3	3	1	0	0	0
November 2036	37	3	3	3	3	*	0	0	0
November 2037	32	2	2	2	2	0	0	0	0
November 2038	25	1	1	1	1	0	0	0	0
November 2039	19	1	1	1	1	0	0	0	0
November 2040	12	*	*	*	*	0	0	0	0
November 2041	5	0	0	0	0	0	0	0	0
November 2042	0	0	0	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	15.3	6.9	6.4	6.4	6.4	5.1	3.9	2.5	1.8

BY Class

Date	PSA Prepayment Assumption								
	0%	100%	125%	160%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	100	100
November 2020	100	100	100	100	100	100	100	100	100
November 2021	100	100	100	100	100	100	100	100	100
November 2022	100	100	100	100	100	100	100	100	100
November 2023	100	100	100	100	100	100	100	100	100
November 2024	100	100	100	100	100	100	100	100	100
November 2025	100	100	100	100	100	100	100	100	51
November 2026	100	100	100	100	100	100	100	100	25
November 2027	100	100	100	100	100	100	100	99	13
November 2028	100	100	100	100	100	100	100	61	6
November 2029	100	100	100	100	100	100	100	38	3
November 2030	100	100	100	100	100	100	100	23	2
November 2031	100	100	100	100	100	100	100	14	1
November 2032	100	100	100	100	100	100	100	9	*
November 2033	100	100	100	100	100	100	79	5	*
November 2034	100	100	100	100	100	100	56	3	*
November 2035	100	100	100	100	100	100	40	2	*
November 2036	100	100	100	100	100	100	28	1	*
November 2037	100	100	100	100	100	87	19	1	*
November 2038	100	100	100	100	100	64	13	*	*
November 2039	100	100	100	100	100	46	9	*	*
November 2040	100	100	100	100	100	32	6	*	*
November 2041	100	77	77	77	77	22	4	*	*
November 2042	51	51	51	51	51	14	2	*	*
November 2043	30	30	30	30	30	8	1	*	*
November 2044	13	13	13	13	13	3	*	*	*
November 2045	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	25.5	25.3	25.3	25.3	25.3	22.3	18.1	12.1	8.5

ZB Class

Date	PSA Prepayment Assumption								
	0%	100%	125%	160%	225%	300%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100
November 2018	104	104	104	91	68	41	5	0	0
November 2019	107	107	107	83	40	0	0	0	0
November 2020	111	111	111	78	21	0	0	0	0
November 2021	115	115	115	75	9	0	0	0	0
November 2022	119	119	119	75	2	0	0	0	0
November 2023	123	123	123	76	*	0	0	0	0
November 2024	128	128	126	76	*	0	0	0	0
November 2025	132	132	126	75	*	0	0	0	0
November 2026	137	137	123	73	*	0	0	0	0
November 2027	142	142	119	69	*	0	0	0	0
November 2028	147	147	114	65	*	0	0	0	0
November 2029	152	148	107	61	*	0	0	0	0
November 2030	158	140	100	56	*	0	0	0	0
November 2031	163	131	92	51	*	0	0	0	0
November 2032	169	121	85	46	*	0	0	0	0
November 2033	175	111	77	41	*	0	0	0	0
November 2034	181	100	69	36	*	0	0	0	0
November 2035	188	90	61	32	*	0	0	0	0
November 2036	194	80	53	27	*	0	0	0	0
November 2037	201	70	46	23	*	0	0	0	0
November 2038	208	60	39	19	*	0	0	0	0
November 2039	216	50	32	16	*	0	0	0	0
November 2040	223	41	26	12	*	0	0	0	0
November 2041	231	32	20	9	*	0	0	0	0
November 2042	224	23	14	7	*	0	0	0	0
November 2043	186	15	9	4	*	0	0	0	0
November 2044	145	7	4	2	*	0	0	0	0
November 2045	101	0	0	0	0	0	0	0	0
November 2046	52	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	27.5	19.6	18.0	13.2	1.9	0.9	0.6	0.3	0.2

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

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

Date	FB, SB† and BT Classes									PA Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	125%	160%	225%	300%	400%	600%	800%	0%	100%	125%	175%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	99	93	92	90	86	82	77	66	56	97	93	93	93	93	93	93	93	93
November 2019	98	86	83	80	73	66	57	42	28	94	83	80	80	80	80	73	56	40
November 2020	97	79	76	71	62	53	43	26	14	91	70	65	65	65	63	35	12	0
November 2021	95	73	68	63	53	43	32	16	7	87	57	51	51	51	42	9	0	0
November 2022	94	67	62	55	45	34	24	10	4	84	46	38	38	38	24	0	0	0
November 2023	93	61	56	49	38	27	18	6	2	80	35	26	26	26	10	0	0	0
November 2024	91	56	50	43	32	22	13	4	1	76	24	15	15	15	0	0	0	0
November 2025	89	51	45	38	27	17	10	2	*	71	15	5	5	5	0	0	0	0
November 2026	88	47	41	33	22	14	7	2	*	67	5	0	0	0	0	0	0	0
November 2027	86	43	36	29	19	11	5	1	*	62	0	0	0	0	0	0	0	0
November 2028	84	39	32	25	16	9	4	1	*	57	0	0	0	0	0	0	0	0
November 2029	82	35	29	22	13	7	3	*	*	52	0	0	0	0	0	0	0	0
November 2030	79	31	26	19	11	5	2	*	*	46	0	0	0	0	0	0	0	0
November 2031	77	28	23	16	9	4	1	*	*	40	0	0	0	0	0	0	0	0
November 2032	74	25	20	14	7	3	1	*	*	34	0	0	0	0	0	0	0	0
November 2033	71	22	17	12	6	3	1	*	*	27	0	0	0	0	0	0	0	0
November 2034	68	20	15	10	5	2	1	*	*	20	0	0	0	0	0	0	0	0
November 2035	65	17	13	9	4	1	*	*	*	13	0	0	0	0	0	0	0	0
November 2036	61	15	11	7	3	1	*	*	*	5	0	0	0	0	0	0	0	0
November 2037	57	13	9	6	2	1	*	*	*	0	0	0	0	0	0	0	0	0
November 2038	53	11	8	5	2	1	*	*	*	0	0	0	0	0	0	0	0	0
November 2039	49	9	6	4	1	*	*	*	*	0	0	0	0	0	0	0	0	0
November 2040	44	7	5	3	1	*	*	*	*	0	0	0	0	0	0	0	0	0
November 2041	39	5	4	2	1	*	*	*	*	0	0	0	0	0	0	0	0	0
November 2042	34	4	3	1	*	*	*	*	*	0	0	0	0	0	0	0	0	0
November 2043	28	3	2	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0
November 2044	22	1	1	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
November 2045	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.9	9.9	8.8	7.6	5.9	4.6	3.5	2.3	1.6	11.6	4.8	4.3	4.3	4.3	3.6	2.6	2.1	1.8

Date	PB Class									PD Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	125%	175%	225%	300%	500%	700%	900%	0%	100%	125%	175%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2020	100	100	100	100	100	100	100	100	81	100	100	100	100	100	100	100	100	100
November 2021	100	100	100	100	100	100	100	64	24	100	100	100	100	100	100	100	100	100
November 2022	100	100	100	100	100	100	78	26	0	100	100	100	100	100	100	100	100	89
November 2023	100	100	100	100	100	100	46	4	0	100	100	100	100	100	100	100	100	40
November 2024	100	100	100	100	100	96	24	0	0	100	100	100	100	100	100	100	67	18
November 2025	100	100	100	100	100	71	8	0	0	100	100	100	100	100	100	100	38	8
November 2026	100	100	92	92	92	52	0	0	0	100	100	100	100	100	100	92	21	4
November 2027	100	91	73	73	73	36	0	0	0	100	100	100	100	100	100	62	12	2
November 2028	100	70	57	57	57	24	0	0	0	100	100	100	100	100	100	42	7	1
November 2029	100	49	44	44	44	14	0	0	0	100	100	100	100	100	100	29	4	*
November 2030	100	32	32	32	32	6	0	0	0	100	100	100	100	100	100	19	2	*
November 2031	100	23	23	23	23	0	0	0	0	100	100	100	100	100	98	13	1	*
November 2032	100	15	15	15	15	0	0	0	0	100	100	100	100	100	77	9	1	*
November 2033	100	8	8	8	8	0	0	0	0	100	100	100	100	100	60	6	*	*
November 2034	100	2	2	2	2	0	0	0	0	100	100	100	100	100	46	4	*	*
November 2035	100	0	0	0	0	0	0	0	0	100	88	88	88	88	36	2	*	*
November 2036	100	0	0	0	0	0	0	0	0	100	71	71	71	71	27	2	*	*
November 2037	92	0	0	0	0	0	0	0	0	100	57	57	57	57	21	1	*	*
November 2038	70	0	0	0	0	0	0	0	0	100	45	45	45	45	16	1	*	*
November 2039	46	0	0	0	0	0	0	0	0	100	35	35	35	35	12	*	*	*
November 2040	21	0	0	0	0	0	0	0	0	100	27	27	27	27	8	*	*	*
November 2041	0	0	0	0	0	0	0	0	0	75	20	20	20	20	6	*	*	*
November 2042	0	0	0	0	0	0	0	0	0	15	15	15	15	15	4	*	*	*
November 2043	0	0	0	0	0	0	0	0	0	10	10	10	10	10	3	*	*	*
November 2044	0	0	0	0	0	0	0	0	0	7	7	7	7	7	2	*	*	0
November 2045	0	0	0	0	0	0	0	0	0	4	4	4	4	4	1	*	*	0
November 2046	0	0	0	0	0	0	0	0	0	2	2	2	2	2	*	*	*	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	21.8	12.4	12.0	12.0	12.0	9.5	6.1	4.5	3.6	24.6	21.4	21.4	21.4	21.4	17.7	11.4	8.1	6.1

* 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.

Date	PI†, PG, PH and PY Classes PSA Prepayment Assumption 0%	100%	125%	175%	225%	300%	500%	700%	900%	ZP Class PSA Prepayment Assumption 0%	100%	125%	175%	225%	300%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	98	95	95	95	95	95	95	95	95	104	104	104	98	91	82	58	34	9
November 2019	96	88	87	87	87	87	81	70	59	107	107	107	88	69	40	0	0	0
November 2020	94	80	77	77	77	75	56	40	27	111	111	111	75	41	0	0	0	0
November 2021	91	71	67	67	67	60	39	23	12	115	115	115	67	21	0	0	0	0
November 2022	89	63	58	58	58	48	26	13	6	119	119	119	61	9	0	0	0	0
November 2023	86	56	50	50	50	39	18	7	2	123	123	123	59	2	0	0	0	0
November 2024	83	49	42	42	42	31	12	4	1	128	128	128	59	*	0	0	0	0
November 2025	81	42	36	36	36	25	8	2	*	132	132	130	59	*	0	0	0	0
November 2026	78	36	30	30	30	20	6	1	*	137	137	130	57	*	0	0	0	0
November 2027	74	30	25	25	25	16	4	1	*	142	142	127	55	*	0	0	0	0
November 2028	71	24	21	21	21	12	3	*	*	147	147	123	52	*	0	0	0	0
November 2029	67	19	18	18	18	10	2	*	*	152	152	117	49	*	0	0	0	0
November 2030	63	15	15	15	15	8	1	*	*	158	153	111	45	*	0	0	0	0
November 2031	59	12	12	12	12	6	1	*	*	163	144	103	41	*	0	0	0	0
November 2032	55	10	10	10	10	5	1	*	*	169	135	95	38	*	0	0	0	0
November 2033	51	8	8	8	8	4	*	*	*	175	125	87	34	*	0	0	0	0
November 2034	46	7	7	7	7	3	*	*	*	181	115	79	30	*	0	0	0	0
November 2035	41	5	5	5	5	2	*	*	*	188	104	71	26	*	0	0	0	0
November 2036	36	4	4	4	4	2	*	*	*	194	94	63	23	*	0	0	0	0
November 2037	30	4	4	4	4	1	*	*	*	201	84	56	20	*	0	0	0	0
November 2038	24	3	3	3	3	1	*	*	*	208	73	49	17	*	0	0	0	0
November 2039	18	2	2	2	2	1	*	*	*	216	64	42	14	*	0	0	0	0
November 2040	12	2	2	2	2	1	*	*	*	223	54	35	12	*	0	0	0	0
November 2041	5	1	1	1	1	*	*	*	0	231	45	29	9	*	0	0	0	0
November 2042	1	1	1	1	1	*	*	*	0	217	36	23	7	*	0	0	0	0
November 2043	1	1	1	1	1	*	*	*	0	179	28	17	5	*	0	0	0	0
November 2044	*	*	*	*	*	*	*	*	0	139	20	12	4	*	0	0	0	0
November 2045	*	*	*	*	*	*	*	*	0	96	13	8	2	*	0	0	0	0
November 2046	*	*	*	*	*	*	*	*	0	49	6	3	1	*	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	15.0	7.8	7.3	7.3	7.3	6.0	4.1	3.1	2.6	27.4	20.8	19.1	11.6	2.9	1.8	1.1	0.8	0.7

Date	PE Class PSA Prepayment Assumption 0%	100%	125%	175%	225%	300%	500%	700%	900%	EA Class PSA Prepayment Assumption 0%	100%	200%	298%	400%	500%	700%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	98	95	95	95	95	95	95	95	95	98	95	92	90	87	85	79	74
November 2019	96	88	86	86	86	86	80	68	57	97	87	79	72	64	57	43	29
November 2020	93	78	75	75	75	74	53	36	23	95	77	63	50	38	27	8	0
November 2021	91	69	65	65	65	58	35	18	7	93	68	49	33	19	7	0	0
November 2022	88	61	55	55	55	45	22	7	0	90	60	37	19	4	0	0	0
November 2023	85	53	47	47	47	35	13	1	0	88	52	27	8	0	0	0	0
November 2024	82	45	39	39	39	26	7	0	0	86	44	18	0	0	0	0	0
November 2025	79	38	32	32	32	20	2	0	0	83	37	10	0	0	0	0	0
November 2026	76	32	25	25	25	14	0	0	0	80	31	3	0	0	0	0	0
November 2027	73	25	20	20	20	10	0	0	0	78	25	0	0	0	0	0	0
November 2028	69	19	16	16	16	7	0	0	0	74	19	0	0	0	0	0	0
November 2029	65	14	12	12	12	4	0	0	0	71	14	0	0	0	0	0	0
November 2030	61	9	9	9	9	2	0	0	0	68	9	0	0	0	0	0	0
November 2031	57	6	6	6	6	0	0	0	0	64	4	0	0	0	0	0	0
November 2032	52	4	4	4	4	0	0	0	0	60	0	0	0	0	0	0	0
November 2033	48	2	2	2	2	0	0	0	0	56	0	0	0	0	0	0	0
November 2034	42	1	1	1	1	0	0	0	0	52	0	0	0	0	0	0	0
November 2035	37	0	0	0	0	0	0	0	0	47	0	0	0	0	0	0	0
November 2036	32	0	0	0	0	0	0	0	0	42	0	0	0	0	0	0	0
November 2037	26	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0
November 2038	19	0	0	0	0	0	0	0	0	31	0	0	0	0	0	0	0
November 2039	13	0	0	0	0	0	0	0	0	25	0	0	0	0	0	0	0
November 2040	6	0	0	0	0	0	0	0	0	19	0	0	0	0	0	0	0
November 2041	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	0	0
November 2042	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	14.4	6.9	6.4	6.4	6.4	5.3	3.6	2.8	2.3	16.0	6.7	4.3	3.2	2.6	2.3	1.8	1.5

* 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.

	EB Class							
	PSA Prepayment Assumption							
Date	**0%**	**100%**	**200%**	**298%**	**400%**	**500%**	**700%**	**900%**
Initial Percent	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	100
November 2020	100	100	100	100	100	100	100	81
November 2021	100	100	100	100	100	100	69	36
November 2022	100	100	100	100	100	81	39	16
November 2023	100	100	100	100	83	55	22	7
November 2024	100	100	100	97	61	38	13	3
November 2025	100	100	100	78	45	26	7	1
November 2026	100	100	100	62	33	17	4	1
November 2027	100	100	91	49	25	12	2	*
November 2028	100	100	78	39	18	8	1	*
November 2029	100	100	66	31	13	5	1	*
November 2030	100	100	56	24	10	4	*	*
November 2031	100	100	47	19	7	2	*	*
November 2032	100	99	40	15	5	2	*	*
November 2033	100	89	33	12	4	1	*	*
November 2034	100	79	27	9	3	1	*	*
November 2035	100	70	23	7	2	*	*	*
November 2036	100	61	19	5	1	*	*	*
November 2037	100	53	15	4	1	*	*	*
November 2038	100	46	12	3	1	*	*	*
November 2039	100	39	10	2	*	*	*	*
November 2040	100	32	8	2	*	*	*	*
November 2041	100	26	6	1	*	*	*	*
November 2042	100	21	4	1	*	*	*	0
November 2043	93	16	3	1	*	*	*	0
November 2044	72	11	2	*	*	*	*	0
November 2045	49	7	1	*	*	*	*	0
November 2046	25	3	*	*	*	*	*	0
November 2047	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.0	21.0	14.9	11.1	8.7	7.1	5.1	4.0

* 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.

	MA Class									VM Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	**0%**	**100%**	**133%**	**200%**	**300%**	**400%**	**600%**	**800%**	**1000%**	**0%**	**100%**	**133%**	**200%**	**300%**	**400%**	**600%**	**800%**	**1000%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	99	90	88	82	74	66	50	34	18	93	93	93	93	93	93	93	93	93
November 2019	98	81	76	67	53	40	18	0	0	85	85	85	85	85	85	85	79	0
November 2020	97	73	66	53	36	21	0	0	0	77	77	77	77	77	77	51	0	0
November 2021	96	65	56	41	22	7	0	0	0	69	69	69	69	69	69	0	0	0
November 2022	95	57	48	31	11	0	0	0	0	60	60	60	60	60	8	0	0	0
November 2023	94	50	40	22	2	0	0	0	0	51	51	51	51	51	0	0	0	0
November 2024	93	43	32	14	0	0	0	0	0	42	42	42	42	0	0	0	0	0
November 2025	92	37	26	7	0	0	0	0	0	33	33	33	33	0	0	0	0	0
November 2026	90	32	20	1	0	0	0	0	0	23	23	23	23	0	0	0	0	0
November 2027	89	26	14	0	0	0	0	0	0	13	13	13	0	0	0	0	0	0
November 2028	87	21	9	0	0	0	0	0	0	2	2	2	0	0	0	0	0	0
November 2029	86	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2030	84	12	*	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2031	82	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2032	80	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2033	78	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2034	76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2035	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2036	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2037	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2038	66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2039	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2040	59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2041	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2042	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2043	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2044	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2045	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2048	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2049	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2050	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2051	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2052	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2056	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2057	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	23.5	6.7	5.3	3.7	2.5	1.8	1.2	0.8	0.6	6.0	6.0	6.0	5.8	4.8	4.0	2.7	2.0	1.5

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

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

Date	MV Class PSA Prepayment Assumption									MZ Class PSA Prepayment Assumption								
	0%	100%	133%	200%	300%	400%	600%	800%	1000%	0%	100%	133%	200%	300%	400%	600%	800%	1000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2018	100	100	100	100	100	100	100	100	100	104	104	104	104	104	104	104	104	104
November 2019	100	100	100	100	100	100	100	100	31	107	107	107	107	107	107	107	107	107
November 2020	100	100	100	100	100	100	100	2	0	111	111	111	111	111	111	111	111	51
November 2021	100	100	100	100	100	100	23	0	0	115	115	115	115	115	115	115	58	20
November 2022	100	100	100	100	100	100	0	0	0	119	119	119	119	119	119	83	30	8
November 2023	100	100	100	100	100	32	0	0	0	123	123	123	123	123	123	53	15	3
November 2024	100	100	100	100	80	0	0	0	0	128	128	128	128	128	110	33	8	1
November 2025	100	100	100	100	25	0	0	0	0	132	132	132	132	132	82	21	4	*
November 2026	100	100	100	100	0	0	0	0	0	137	137	137	137	121	61	13	2	*
November 2027	100	100	100	75	0	0	0	0	0	142	142	142	142	97	46	8	1	*
November 2028	100	100	100	31	0	0	0	0	0	147	147	147	147	78	34	5	1	*
November 2029	94	94	94	0	0	0	0	0	0	152	152	152	146	63	25	3	*	*
November 2030	87	87	87	0	0	0	0	0	0	158	158	158	125	50	19	2	*	*
November 2031	80	80	51	0	0	0	0	0	0	163	163	163	107	40	14	1	*	*
November 2032	72	72	14	0	0	0	0	0	0	169	169	169	92	32	10	1	*	*
November 2033	64	64	0	0	0	0	0	0	0	175	175	160	78	25	8	*	*	*
November 2034	55	32	0	0	0	0	0	0	0	181	181	143	67	20	6	*	*	*
November 2035	47	0	0	0	0	0	0	0	0	188	186	127	57	16	4	*	*	*
November 2036	38	0	0	0	0	0	0	0	0	194	168	112	48	13	3	*	*	*
November 2037	28	0	0	0	0	0	0	0	0	201	152	99	41	10	2	*	*	*
November 2038	19	0	0	0	0	0	0	0	0	208	136	87	34	8	2	*	*	*
November 2039	9	0	0	0	0	0	0	0	0	216	122	76	29	6	1	*	*	0
November 2040	0	0	0	0	0	0	0	0	0	222	109	67	24	5	1	*	*	0
November 2041	0	0	0	0	0	0	0	0	0	222	96	58	20	4	1	*	*	0
November 2042	0	0	0	0	0	0	0	0	0	222	85	50	16	3	*	*	*	0
November 2043	0	0	0	0	0	0	0	0	0	222	74	42	13	2	*	*	*	0
November 2044	0	0	0	0	0	0	0	0	0	222	64	36	11	2	*	*	*	0
November 2045	0	0	0	0	0	0	0	0	0	222	55	30	9	1	*	*	*	0
November 2046	0	0	0	0	0	0	0	0	0	222	46	25	7	1	*	*	*	0
November 2047	0	0	0	0	0	0	0	0	0	222	38	20	5	1	*	*	0	0
November 2048	0	0	0	0	0	0	0	0	0	222	31	16	4	*	*	*	0	0
November 2049	0	0	0	0	0	0	0	0	0	222	24	12	3	*	*	*	0	0
November 2050	0	0	0	0	0	0	0	0	0	222	17	9	2	*	*	*	0	0
November 2051	0	0	0	0	0	0	0	0	0	222	12	6	1	*	*	*	0	0
November 2052	0	0	0	0	0	0	0	0	0	222	6	3	1	*	*	*	0	0
November 2053	0	0	0	0	0	0	0	0	0	195	1	1	*	*	*	*	0	0
November 2054	0	0	0	0	0	0	0	0	0	151	0	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	103	0	0	0	0	0	0	0	0
November 2056	0	0	0	0	0	0	0	0	0	53	0	0	0	0	0	0	0	0
November 2057	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.4	15.8	14.0	10.6	7.6	5.8	3.8	2.6	1.9	37.8	25.1	22.4	17.8	13.0	10.0	6.5	4.5	3.3

* 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.

	QB and QI† Classes									ZQ Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
Date	0%	100%	120%	175%	225%	300%	400%	600%	800%	0%	100%	120%	175%	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
November 2018	98	94	93	93	93	93	93	93	86	104	104	104	93	82	67	46	4	0
November 2019	96	85	83	83	83	83	78	62	48	108	108	108	79	54	16	0	0	0
November 2020	94	76	73	73	73	69	58	39	25	113	113	113	68	30	0	0	0	0
November 2021	91	68	64	64	64	56	43	24	12	117	117	117	61	14	0	0	0	0
November 2022	89	60	55	55	55	45	32	15	6	122	122	122	57	4	0	0	0	0
November 2023	86	52	47	47	47	36	24	10	3	127	127	127	56	*	0	0	0	0
November 2024	83	45	40	40	40	29	18	6	2	132	132	132	56	*	0	0	0	0
November 2025	80	39	34	34	34	23	13	4	1	138	138	133	56	*	0	0	0	0
November 2026	77	32	28	28	28	18	10	2	*	143	143	132	54	*	0	0	0	0
November 2027	74	26	24	24	24	14	7	1	*	149	149	129	52	*	0	0	0	0
November 2028	70	20	20	20	20	11	5	1	*	155	155	124	49	*	0	0	0	0
November 2029	66	17	17	17	17	9	4	1	*	161	151	118	45	*	0	0	0	0
November 2030	62	14	14	14	14	7	3	*	*	168	143	111	42	*	0	0	0	0
November 2031	58	11	11	11	11	6	2	*	*	175	135	103	38	*	0	0	0	0
November 2032	54	9	9	9	9	4	1	*	*	182	125	95	34	*	0	0	0	0
November 2033	49	8	8	8	8	3	1	*	*	189	116	87	31	*	0	0	0	0
November 2034	44	6	6	6	6	3	1	*	*	197	106	79	27	*	0	0	0	0
November 2035	39	5	5	5	5	2	1	*	*	205	95	70	24	*	0	0	0	0
November 2036	33	4	4	4	4	2	*	*	*	214	85	62	21	*	0	0	0	0
November 2037	27	3	3	3	3	1	*	*	*	222	75	55	18	*	0	0	0	0
November 2038	21	3	3	3	3	1	*	*	*	231	66	47	15	*	0	0	0	0
November 2039	14	2	2	2	2	1	*	*	*	241	56	40	12	*	0	0	0	0
November 2040	7	1	1	1	1	*	*	*	*	251	47	33	10	*	0	0	0	0
November 2041	1	1	1	1	1	*	*	*	*	249	38	27	8	*	0	0	0	0
November 2042	1	1	1	1	1	*	*	*	*	215	30	21	6	*	0	0	0	0
November 2043	1	1	1	1	1	*	*	*	*	178	22	15	4	*	0	0	0	0
November 2044	*	*	*	*	*	*	*	*	0	138	14	10	3	*	0	0	0	0
November 2045	*	*	*	*	*	*	*	*	0	96	7	5	1	*	0	0	0	0
November 2046	*	*	*	*	*	*	*	*	0	50	1	*	*	*	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	14.7	7.4	7.0	7.0	7.0	5.7	4.5	3.1	2.4	27.1	19.9	18.8	10.7	2.4	1.3	0.9	0.6	0.4

* 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.

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

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

Group	Prepayment Assumption
1	170% PSA
2	200% PSA
3	187% PSA
4	160% PSA
5	175% PSA
6	298% PSA
7	133% PSA
8	175% 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.

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.

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 HD Class of RCR Certificates represents (i) the right to receive a portion of the payments on the HK Class and (ii) beneficial ownership of an undivided interest in the HC Class. The HI Class of RCR Certificates represents (i) the right to receive a portion of the payments on the HK Class and (ii) beneficial ownership of an undivided interest in the IH Class. To the extent any such Class represents the right to receive a portion of the payments on a Class, it will be treated as a Strip RCR Certificate. To the extent any such Class represents beneficial ownership of an undivided interest in a Class, it will be treated as a Combination RCR Certificate. The remaining Classes of RCR Certificates are Classes of Combination RCR Certificates. For tax reporting purposes, RCR Certificates other than Combination RCR Certificates will be reported as a single debt instrument. See "Material Federal Income Tax Consequences—Taxation of Beneficial Owners of RCR Certificates" in the REMIC Prospectus for a general discussion of the federal income tax treatment of beneficial owners of RCR Certificates.

Tax Audit Procedures

The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a REMIC's tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC, appoints one person to act as its sole representative in connection with IRS audits and related procedures. In the case of a REMIC, the representative's actions, including the representative's agreeing to adjustments to taxable income, will bind Residual Owners to a greater degree than would actions of the tax matters partner ("TMP") under current rules. See "Material Federal Income Tax Consequences—Reporting and Other Administrative Matters" in the REMIC Prospectus for a discussion of the TMP. Further, 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 year in which the adjustment is made rather than in the year to which the adjustment relates, and otherwise in different and potentially less advantageous ways than under current rules. In some cases, a REMIC could itself be liable for taxes on income adjustments, although it is anticipated that each REMIC will seek to follow procedures in the new rules to avoid entity-level liability to the extent it otherwise may be imposed. The new rules, which will apply to both existing and future REMICs, are complex and likely will be clarified and possibly revised before going into effect. 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 Dealer 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." In addition, each beneficial owner of Certificates or any interest therein that is a plan, including any fiduciary purchasing the Certificates on behalf of a plan ("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, 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;

   - 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 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 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 of the Certificates.

3. The Plan Fiduciary is a "fiduciary" with respect to the plan within the meaning of section 3(21) of ERISA or section 4975 of the Code, or both, and is responsible for exercising independent judgment in evaluating the plan's acquisition of the Certificates.

4. None of the Transaction Parties has exercised any authority to cause the plan to invest in the Certificates or to negotiate the terms of the plan's investment in the Certificates.

5. 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's acquisition of the Certificates; and
- of the existence and nature of the Transaction Parties' financial interests in the plan's acquisition of the Certificates.

The foregoing representations are intended to comply with the Department of Labor's Reg. Sections 29 C.F.R. 2510.3-21(a) and (c)(1) as promulgated on April 8, 2016 (81 Fed. Reg. 20,997). If these regulations are revoked, repealed or no longer effective, these representations will be deemed to no longer be in effect.

PLAN OF DISTRIBUTION

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

CREDIT RISK RETENTION

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

EUROPEAN ECONOMIC AREA RISK RETENTION

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

The application of Articles 404-410 of the European Union Capital Requirements Regulation 575/2013 (the "EEA Risk Retention Regulation") to the certificates transaction (the "Transaction") is unclear. Our exposure to the credit risk related to the Transaction is in the form of our guaranty obligations on the certificates (the "Guaranty Obligations"). Our Guaranty Obligations represent general unsecured obligations. Obligations similar to our Guaranty Obligations have long been a central feature to our mortgage-backed securities issuance programs and our Guaranty Obligations were undertaken in the ordinary course of our business.

In determining the extent to which the EEA Risk Retention Regulation applies to the Transaction, investors subject to the EEA Risk Retention Regulation may wish to consider the guidance appearing in the European Commission's regulatory technical standards released March 3, 2014, which provides in relevant part: "Where an entity securitizes its own liabilities, alignment of interest is established automatically, regardless of whether the final debtor collateralizes 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 (the "EEA Risk Retention Letter") on the settlement date pursuant to which we will irrevocably undertake to the certificateholders that, in connection with Article 405(1) of EU Regulation 575/2013, including the technical standards in relation thereto adopted by the European Commission, and guidelines and other materials published by the European Banking Authority in relation thereto ("Article 405(1)"), as at the origination and on an ongoing basis, so long as any certificates remain outstanding:

- we will, as originator (as such term is defined for the purpose of Article 405(1)), retain a material net economic interest (the "Retained Interest") in the exposure related to the Transaction of not less than 5%;
- 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 Article 405(1); 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 Article 406 of EU Regulation 575/2013 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.

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.

LEGAL MATTERS

Katten Muchin Rosenman LLP will provide legal representation for Fannie Mae. K&L Gates LLP will provide legal representation for the Dealer.

Schedule 1

Available Recombinations(1)

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 1								
HC	$ 36,937,000	HP	$ 36,937,000	PAC/AD	3.5%	FIX	3136AY4E0	April 2042
IH	5,276,714(3)							
Recombination 2								
HC	36,937,000	HE	56,622,000	PAC/AD	3.5	FIX	3136AY4F7	December 2047
IH	5,276,714(3)							
HK	19,685,000							
Recombination 3								
HC	36,937,000	HD	56,622,000	PAC/AD	3.0	FIX	3136AY4G5	December 2047
IH	5,276,714(3)	HI	8,088,857(3)	NTL	3.5	FIX/IO	3136AY4H3	December 2047
HK	19,685,000							
Recombination 4								
IN	4,093,526(3)	IE	58,673,578(3)	NTL	3.0	FIX/IO	3136AY4J9	December 2047
NI	54,580,052(3)							
Recombination 5								
NE	24,561,158	ND	24,561,158	SEQ	2.0	FIX	3136AY4K6	December 2047
IN	4,093,526(3)							
Recombination 6								
NA	119,085,000	NC	139,179,000	SEQ	2.0	FIX	3136AY4L4	August 2045
NB	20,094,000							
Recombination 7								
DK	65,068,000	DL	65,068,000	PAC/AD	3.5	FIX	3136AY4M2	July 2043
ID	9,295,428(3)							
Recombination 8								
DK	65,068,000	D(4)	73,500,828	PAC	3.5	FIX	3136AY4N0	December 2047
ID	9,295,428(3)							
DZ	8,432,828							

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Classes	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 9								
FB	$ 20,000,000	BT	$ 20,000,000	PT	6.5%	FIX	3136AY4P5	December 2047
SB	20,000,000(3)							
Recombination 10								
PA	116,734,000	PE	161,499,000	PAC/AD	3.0	FIX	3136AY4Q3	February 2047
PB	44,765,000							
Recombination 11								
PA	116,734,000	PG	172,174,000	PAC/AD	3.0	FIX	3136AY4R1	December 2047
PB	44,765,000							
PD	10,675,000							
Recombination 12								
PA	116,734,000	PH	172,174,000	PAC/AD	3.5	FIX	3136AY4S9	December 2047
PB	44,765,000							
PD	10,675,000							
PI	24,596,285(3)							
Recombination 13								
PA	58,367,000	PY	86,087,000	PAC/AD	4.0	FIX	3136AY4T7	December 2047
PB	22,382,500							
PD	5,337,500							
PI	24,596,285(3)							

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

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

(3) Notional principal balances. These Classes are Interest Only Classes. See page S-6 for a description of how their notional principal balances are calculated.

(4) Principal payments on the REMIC Certificates in Recombination 8 from the DZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.

Principal Balance Schedules

Aggregate Group I Planned Balances

Distribution Date	Planned Balance
Initial Balance	$56,622,000.00
December 2017	56,479,927.64
January 2018	56,324,014.17
February 2018	56,154,307.63
March 2018	55,970,864.94
April 2018	55,773,751.83
May 2018	55,563,042.87
June 2018	55,338,821.40
July 2018	55,101,179.46
August 2018	54,850,217.76
September 2018	54,586,045.61
October 2018	54,308,780.82
November 2018	54,018,549.63
December 2018	53,715,486.59
January 2019	53,399,734.50
February 2019	53,071,444.24
March 2019	52,730,774.66
April 2019	52,377,892.47
May 2019	52,012,972.08
June 2019	51,636,195.44
July 2019	51,247,751.91
August 2019	50,847,838.06
September 2019	50,436,657.52
October 2019	50,014,420.76
November 2019	49,581,344.95
December 2019	49,137,653.74
January 2020	48,683,577.02
February 2020	48,219,350.78
March 2020	47,745,216.83
April 2020	47,261,422.59
May 2020	46,780,790.39
June 2020	46,303,298.22
July 2020	45,828,924.22
August 2020	45,357,646.67
September 2020	44,889,443.97
October 2020	44,424,294.70
November 2020	43,962,177.54
December 2020	43,503,071.34
January 2021	43,046,955.06
February 2021	42,593,807.81
March 2021	42,143,608.85
April 2021	41,696,337.54
May 2021	41,251,973.40
June 2021	40,810,496.08
July 2021	40,371,885.36
August 2021	39,936,121.14
September 2021	39,503,183.46
October 2021	39,073,052.50
November 2021	38,645,708.55
December 2021	38,221,132.03
January 2022	37,799,303.51
February 2022	37,380,203.65
March 2022	36,963,813.26
April 2022	36,550,113.27
May 2022	36,139,084.73
June 2022	35,730,708.82
July 2022	$35,324,966.82
August 2022	34,921,840.17
September 2022	34,521,310.39
October 2022	34,123,359.14
November 2022	33,727,968.21
December 2022	33,335,119.48
January 2023	32,944,794.96
February 2023	32,556,976.79
March 2023	32,171,647.21
April 2023	31,788,788.57
May 2023	31,408,383.35
June 2023	31,030,414.13
July 2023	30,654,863.62
August 2023	30,281,714.63
September 2023	29,910,950.07
October 2023	29,542,552.98
November 2023	29,176,506.50
December 2023	28,812,793.88
January 2024	28,451,398.48
February 2024	28,092,303.78
March 2024	27,735,493.33
April 2024	27,380,950.83
May 2024	27,028,660.06
June 2024	26,678,604.90
July 2024	26,330,769.36
August 2024	25,985,137.53
September 2024	25,641,693.61
October 2024	25,300,421.90
November 2024	24,961,306.81
December 2024	24,624,332.84
January 2025	24,289,484.59
February 2025	23,958,518.61
March 2025	23,631,763.40
April 2025	23,309,167.41
May 2025	22,990,679.68
June 2025	22,676,249.87
July 2025	22,365,828.24
August 2025	22,059,365.66
September 2025	21,756,813.55
October 2025	21,458,123.97
November 2025	21,163,249.50
December 2025	20,872,143.31
January 2026	20,584,759.15
February 2026	20,301,051.28
March 2026	20,020,974.56
April 2026	19,744,484.34
May 2026	19,471,536.56
June 2026	19,202,087.63
July 2026	18,936,094.54
August 2026	18,673,514.74
September 2026	18,414,306.25
October 2026	18,158,427.54
November 2026	17,905,837.61
December 2026	17,656,495.94
January 2027	17,410,362.51
February 2027	17,167,397.76
March 2027	$16,927,562.63
April 2027	16,690,818.51
May 2027	16,457,127.26
June 2027	16,226,451.20
July 2027	15,998,753.11
August 2027	15,773,996.20
September 2027	15,552,144.13
October 2027	15,333,161.01
November 2027	15,117,011.36
December 2027	14,903,660.15
January 2028	14,693,072.76
February 2028	14,485,214.98
March 2028	14,280,053.03
April 2028	14,077,553.52
May 2028	13,877,683.46
June 2028	13,680,410.29
July 2028	13,485,701.80
August 2028	13,293,526.19
September 2028	13,103,852.04
October 2028	12,916,648.32
November 2028	12,731,884.36
December 2028	12,549,529.85
January 2029	12,369,554.88
February 2029	12,191,929.88
March 2029	12,016,625.62
April 2029	11,843,613.26
May 2029	11,672,864.29
June 2029	11,504,350.53
July 2029	11,338,044.16
August 2029	11,173,917.70
September 2029	11,011,943.98
October 2029	10,852,096.18
November 2029	10,694,347.80
December 2029	10,538,672.65
January 2030	10,385,044.87
February 2030	10,233,438.90
March 2030	10,083,829.50
April 2030	9,936,191.73
May 2030	9,790,500.96
June 2030	9,646,732.85
July 2030	9,504,863.36
August 2030	9,364,868.73
September 2030	9,226,725.51
October 2030	9,090,410.51
November 2030	8,955,900.84
December 2030	8,823,173.87
January 2031	8,692,207.27
February 2031	8,562,978.96
March 2031	8,435,467.13
April 2031	8,309,650.25
May 2031	8,185,507.03
June 2031	8,063,016.45
July 2031	7,942,157.75
August 2031	7,822,910.41
September 2031	7,705,254.18
October 2031	7,589,169.03

Aggregate Group I (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
November 2031	$ 7,474,635.19	October 2036	$ 2,868,875.68	September 2041	$ 880,601.13
December 2031	7,361,633.13	November 2036	2,818,931.47	October 2041	859,859.27
January 2032	7,250,143.55	December 2036	2,769,695.46	November 2041	839,439.92
February 2032	7,140,147.40	January 2037	2,721,158.45	December 2041	819,338.69
March 2032	7,031,625.84	February 2037	2,673,311.35	January 2042	799,551.29
April 2032	6,924,560.28	March 2037	2,626,145.21	February 2042	780,073.44
May 2032	6,818,932.34	April 2037	2,579,651.15	March 2042	760,900.93
June 2032	6,714,723.88	May 2037	2,533,820.43	April 2042	742,029.63
July 2032	6,611,916.97	June 2037	2,488,644.42	May 2042	723,455.42
August 2032	6,510,493.90	July 2037	2,444,114.58	June 2042	705,174.26
September 2032	6,410,437.17	August 2037	2,400,222.48	July 2042	687,182.15
October 2032	6,311,729.52	September 2037	2,356,959.80	August 2042	669,475.15
November 2032	6,214,353.87	October 2037	2,314,318.33	September 2042	652,049.36
December 2032	6,118,293.36	November 2037	2,272,289.94	October 2042	634,900.93
January 2033	6,023,531.34	December 2037	2,230,866.63	November 2042	618,026.08
February 2033	5,930,051.36	January 2038	2,190,040.47	December 2042	601,421.04
March 2033	5,837,837.16	February 2038	2,149,803.65	January 2043	585,082.13
April 2033	5,746,872.71	March 2038	2,110,148.45	February 2043	569,005.68
May 2033	5,657,142.13	April 2038	2,071,067.25	March 2043	553,188.09
June 2033	5,568,629.78	May 2038	2,032,552.51	April 2043	537,625.80
July 2033	5,481,320.17	June 2038	1,994,596.81	May 2043	522,315.30
August 2033	5,395,198.04	July 2038	1,957,192.80	June 2043	507,253.11
September 2033	5,310,248.29	August 2038	1,920,333.23	July 2043	492,435.81
October 2033	5,226,456.00	September 2038	1,884,010.93	August 2043	477,860.02
November 2033	5,143,806.47	October 2038	1,848,218.85	September 2043	463,522.40
December 2033	5,062,285.12	November 2038	1,812,949.99	October 2043	449,419.65
January 2034	4,981,877.61	December 2038	1,778,197.47	November 2043	435,548.52
February 2034	4,902,569.74	January 2039	1,743,954.47	December 2043	421,905.80
March 2034	4,824,347.49	February 2039	1,710,214.26	January 2044	408,488.32
April 2034	4,747,197.02	March 2039	1,676,970.21	February 2044	395,292.95
May 2034	4,671,104.65	April 2039	1,644,215.77	March 2044	382,316.60
June 2034	4,596,056.87	May 2039	1,611,944.45	April 2044	369,556.22
July 2034	4,522,040.34	June 2039	1,580,149.87	May 2044	357,008.80
August 2034	4,449,041.88	July 2039	1,548,825.70	June 2044	344,671.36
September 2034	4,377,048.47	August 2039	1,517,965.72	July 2044	332,540.99
October 2034	4,306,047.27	September 2039	1,487,563.77	August 2044	320,614.77
November 2034	4,236,025.56	October 2039	1,457,613.76	September 2044	308,889.85
December 2034	4,166,970.81	November 2039	1,428,109.71	October 2044	297,363.41
January 2035	4,098,870.63	December 2039	1,399,045.67	November 2044	286,032.66
February 2035	4,031,712.78	January 2040	1,370,415.80	December 2044	274,894.86
March 2035	3,965,485.18	February 2040	1,342,214.31	January 2045	263,947.29
April 2035	3,900,175.88	March 2040	1,314,435.50	February 2045	253,187.28
May 2035	3,835,773.11	April 2040	1,287,073.74	March 2045	242,612.17
June 2035	3,772,265.21	May 2040	1,260,123.45	April 2045	232,219.37
July 2035	3,709,640.68	June 2040	1,233,579.15	May 2045	222,006.29
August 2035	3,647,888.16	July 2040	1,207,435.41	June 2045	211,970.39
September 2035	3,586,996.43	August 2040	1,181,686.87	July 2045	202,109.16
October 2035	3,526,954.42	September 2040	1,156,328.24	August 2045	192,420.14
November 2035	3,467,751.17	October 2040	1,131,354.31	September 2045	182,900.86
December 2035	3,409,375.88	November 2040	1,106,759.90	October 2045	173,548.93
January 2036	3,351,817.86	December 2040	1,082,539.94	November 2045	164,361.95
February 2036	3,295,066.59	January 2041	1,058,689.39	December 2045	155,337.57
March 2036	3,239,111.63	February 2041	1,035,203.29	January 2046	146,473.49
April 2036	3,183,942.70	March 2041	1,012,076.74	February 2046	137,767.40
May 2036	3,129,549.65	April 2041	989,304.89	March 2046	129,217.05
June 2036	3,075,922.45	May 2041	966,882.97	April 2046	120,820.21
July 2036	3,023,051.17	June 2041	944,806.27	May 2046	112,574.67
August 2036	2,970,926.04	July 2041	923,070.12	June 2046	104,478.27
September 2036	2,919,537.40	August 2041	901,669.92	July 2046	96,528.86

Aggregate Group I (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
August 2046	$ 88,724.32	January 2047	$ 51,802.58	June 2047	$ 18,200.77
September 2046	81,062.56	February 2047	44,824.36	July 2047	11,857.85
October 2046	73,541.53	March 2047	37,976.97	August 2047	5,636.47
November 2046	66,159.19	April 2047	31,258.49	September 2047 and thereafter	0.00
December 2046	58,913.53	May 2047	24,667.04		

Aggregate Group II Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$101,424,000.00	November 2021	$ 66,266,268.27	November 2025	$ 35,505,907.21
December 2017	101,144,357.05	December 2021	65,485,413.71	December 2025	34,997,517.26
January 2018	100,835,204.58	January 2022	64,711,292.67	January 2026	34,495,930.87
February 2018	100,496,687.38	February 2022	63,943,849.74	February 2026	34,001,060.38
March 2018	100,128,973.02	March 2022	63,183,029.99	March 2026	33,512,819.25
April 2018	99,732,251.75	April 2022	62,428,778.91	April 2026	33,031,122.02
May 2018	99,306,736.36	May 2022	61,681,042.46	May 2026	32,555,884.30
June 2018	98,852,662.03	June 2022	60,939,766.99	June 2026	32,087,022.77
July 2018	98,370,286.17	July 2022	60,204,899.31	July 2026	31,624,455.15
August 2018	97,859,888.17	August 2022	59,476,386.66	August 2026	31,168,100.22
September 2018	97,321,769.20	September 2022	58,754,176.69	September 2026	30,717,877.75
October 2018	96,756,251.88	October 2022	58,038,217.48	October 2026	30,273,708.56
November 2018	96,163,680.06	November 2022	57,328,457.52	November 2026	29,835,514.43
December 2018	95,544,418.43	December 2022	56,624,845.72	December 2026	29,403,218.15
January 2019	94,898,852.17	January 2023	55,927,331.41	January 2027	28,976,743.48
February 2019	94,227,386.60	February 2023	55,235,864.30	February 2027	28,556,015.14
March 2019	93,530,446.75	March 2023	54,550,394.54	March 2027	28,140,958.80
April 2019	92,808,476.94	April 2023	53,870,872.65	April 2027	27,731,501.06
May 2019	92,061,940.29	May 2023	53,197,249.57	May 2027	27,327,569.45
June 2019	91,291,318.26	June 2023	52,529,476.62	June 2027	26,929,092.44
July 2019	90,497,110.13	July 2023	51,867,505.52	July 2027	26,535,999.36
August 2019	89,679,832.45	August 2023	51,211,288.38	August 2027	26,148,220.47
September 2019	88,840,018.53	September 2023	50,560,777.69	September 2027	25,765,686.89
October 2019	87,978,217.82	October 2023	49,915,926.32	October 2027	25,388,330.60
November 2019	87,094,995.29	November 2023	49,276,687.54	November 2027	25,016,084.48
December 2019	86,190,930.88	December 2023	48,643,014.96	December 2027	24,648,882.22
January 2020	85,266,618.80	January 2024	48,014,862.60	January 2028	24,286,658.37
February 2020	84,322,666.88	February 2024	47,392,184.83	February 2028	23,929,348.29
March 2020	83,386,787.10	March 2024	46,774,936.40	March 2028	23,576,888.17
April 2020	82,458,913.33	April 2024	46,163,072.40	April 2028	23,229,215.01
May 2020	81,538,979.96	May 2024	45,556,548.32	May 2028	22,886,266.59
June 2020	80,626,921.91	June 2024	44,955,319.97	June 2028	22,547,981.50
July 2020	79,722,674.65	July 2024	44,359,343.54	July 2028	22,214,299.10
August 2020	78,826,174.12	August 2024	43,768,575.56	August 2028	21,885,159.50
September 2020	77,937,356.81	September 2024	43,182,972.94	September 2028	21,560,503.59
October 2020	77,056,159.70	October 2024	42,602,492.89	October 2028	21,240,273.00
November 2020	76,182,520.29	November 2024	42,027,093.00	November 2028	20,924,410.11
December 2020	75,316,376.57	December 2024	41,456,731.19	December 2028	20,612,858.01
January 2021	74,457,667.04	January 2025	40,891,365.72	January 2029	20,305,560.52
February 2021	73,606,330.68	February 2025	40,330,955.19	February 2029	20,002,462.18
March 2021	72,762,306.97	March 2025	39,775,458.53	March 2029	19,703,508.24
April 2021	71,925,535.86	April 2025	39,224,835.01	April 2029	19,408,644.61
May 2021	71,095,957.81	May 2025	38,679,044.21	May 2029	19,117,817.92
June 2021	70,273,513.74	June 2025	38,138,046.05	June 2029	18,830,975.47
July 2021	69,458,145.03	July 2025	37,601,800.78	July 2029	18,548,065.21
August 2021	68,649,793.57	August 2025	37,070,268.96	August 2029	18,269,035.78
September 2021	67,848,401.68	September 2025	36,543,411.47	September 2029	17,993,836.46
October 2021	67,053,912.16	October 2025	36,021,189.49	October 2029	17,722,417.16

Aggregate Group II (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
November 2029	$ 17,454,728.44	October 2034	$ 6,789,956.33	September 2039	$ 2,261,541.07
December 2029	17,190,721.49	November 2034	6,675,570.59	October 2039	2,214,546.41
January 2030	16,930,348.12	December 2034	6,562,838.09	November 2039	2,168,284.92
February 2030	16,673,560.74	January 2035	6,451,736.61	December 2039	2,122,746.36
March 2030	16,420,312.39	February 2035	6,342,244.18	January 2040	2,077,920.61
April 2030	16,170,556.67	March 2035	6,234,339.16	February 2040	2,033,797.71
May 2030	15,924,247.81	April 2035	6,128,000.15	March 2040	1,990,367.81
June 2030	15,681,340.60	May 2035	6,023,206.05	April 2040	1,947,621.20
July 2030	15,441,790.41	June 2035	5,919,936.03	May 2040	1,905,548.31
August 2030	15,205,553.17	July 2035	5,818,169.51	June 2040	1,864,139.67
September 2030	14,972,585.39	August 2035	5,717,886.20	July 2040	1,823,385.94
October 2030	14,742,844.11	September 2035	5,619,066.07	August 2040	1,783,277.94
November 2030	14,516,286.95	October 2035	5,521,689.35	September 2040	1,743,806.57
December 2030	14,292,872.03	November 2035	5,425,736.50	October 2040	1,704,962.86
January 2031	14,072,558.05	December 2035	5,331,188.26	November 2040	1,666,737.97
February 2031	13,855,304.18	January 2036	5,238,025.63	December 2040	1,629,123.17
March 2031	13,641,070.16	February 2036	5,146,229.82	January 2041	1,592,109.85
April 2031	13,429,816.23	March 2036	5,055,782.31	February 2041	1,555,689.51
May 2031	13,221,503.12	April 2036	4,966,664.81	March 2041	1,519,853.77
June 2031	13,016,092.07	May 2036	4,878,859.29	April 2041	1,484,594.34
July 2031	12,813,544.84	June 2036	4,792,347.91	May 2041	1,449,903.08
August 2031	12,613,823.63	July 2036	4,707,113.11	June 2041	1,415,771.91
September 2031	12,416,891.17	August 2036	4,623,137.52	July 2041	1,382,192.90
October 2031	12,222,710.64	September 2036	4,540,404.02	August 2041	1,349,158.21
November 2031	12,031,245.69	October 2036	4,458,895.69	September 2041	1,316,660.08
December 2031	11,842,460.45	November 2036	4,378,595.87	October 2041	1,284,690.90
January 2032	11,656,319.49	December 2036	4,299,488.07	November 2041	1,253,243.13
February 2032	11,472,787.84	January 2037	4,221,556.05	December 2041	1,222,309.32
March 2032	11,291,831.00	February 2037	4,144,783.76	January 2042	1,191,882.17
April 2032	11,113,414.87	March 2037	4,069,155.36	February 2042	1,161,954.41
May 2032	10,937,505.82	April 2037	3,994,655.24	March 2042	1,132,518.93
June 2032	10,764,070.63	May 2037	3,921,267.96	April 2042	1,103,568.68
July 2032	10,593,076.52	June 2037	3,848,978.31	May 2042	1,075,096.70
August 2032	10,424,491.11	July 2037	3,777,771.26	June 2042	1,047,096.14
September 2032	10,258,282.47	August 2037	3,707,631.98	July 2042	1,019,560.24
October 2032	10,094,419.04	September 2037	3,638,545.85	August 2042	992,482.33
November 2032	9,932,869.69	October 2037	3,570,498.42	September 2042	965,855.81
December 2032	9,773,603.69	November 2037	3,503,475.43	October 2042	939,674.20
January 2033	9,616,590.67	December 2037	3,437,462.81	November 2042	913,931.09
February 2033	9,461,800.70	January 2038	3,372,446.70	December 2042	888,620.16
March 2033	9,309,204.19	February 2038	3,308,413.37	January 2043	863,735.16
April 2033	9,158,771.97	March 2038	3,245,349.31	February 2043	839,269.94
May 2033	9,010,475.20	April 2038	3,183,241.18	March 2043	815,218.44
June 2033	8,864,285.46	May 2038	3,122,075.80	April 2043	791,574.66
July 2033	8,720,174.64	June 2038	3,061,840.18	May 2043	768,332.70
August 2033	8,578,115.05	July 2038	3,002,521.49	June 2043	745,486.73
September 2033	8,438,079.30	August 2038	2,944,107.06	July 2043	723,030.99
October 2033	8,300,040.40	September 2038	2,886,584.41	August 2043	700,959.81
November 2033	8,163,971.67	October 2038	2,829,941.20	September 2043	679,267.60
December 2033	8,029,846.80	November 2038	2,774,165.27	October 2043	657,948.84
January 2034	7,897,639.80	December 2038	2,719,244.61	November 2043	636,998.08
February 2034	7,767,325.02	January 2039	2,665,167.37	December 2043	616,409.94
March 2034	7,638,877.16	February 2039	2,611,921.86	January 2044	596,179.13
April 2034	7,512,271.21	March 2039	2,559,496.53	February 2044	576,300.42
May 2034	7,387,482.51	April 2039	2,507,880.00	March 2044	556,768.65
June 2034	7,264,486.71	May 2039	2,457,061.03	April 2044	537,578.74
July 2034	7,143,259.76	June 2039	2,407,028.52	May 2044	518,725.66
August 2034	7,023,777.95	July 2039	2,357,771.53	June 2044	500,204.47
September 2034	6,906,017.84	August 2039	2,309,279.27	July 2044	482,010.27

Aggregate Group II (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
August 2044	$ 464,138.26	September 2045	$ 259,044.41	October 2046	$ 98,229.04
September 2044	446,583.68	October 2045	245,212.30	November 2046	87,455.17
October 2044	429,341.84	November 2045	231,637.50	December 2046	76,892.29
November 2044	412,408.13	December 2045	218,316.16	January 2047	66,537.19
December 2044	395,777.98	January 2046	205,244.46	February 2047	56,386.68
January 2045	379,446.88	February 2046	192,418.63	March 2047	46,437.61
February 2045	363,410.42	March 2046	179,834.98	April 2047	36,686.89
March 2045	347,664.20	April 2046	167,489.83	May 2047	27,131.47
April 2045	332,203.91	May 2046	155,379.58	June 2047	17,768.33
May 2045	317,025.29	June 2046	143,500.68	July 2047	8,594.51
June 2045	302,124.15	July 2046	131,849.61	August 2047 and thereafter	0.00
July 2045	287,496.33	August 2046	120,422.92		
August 2045	273,137.77	September 2046	109,217.18		

Aggregate Group III Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$34,090,000.00	March 2021	$22,586,244.06	July 2024	$13,424,765.93
December 2017	33,829,480.15	April 2021	22,327,183.79	August 2024	13,234,142.73
January 2018	33,561,366.17	May 2021	22,069,739.97	September 2024	13,046,042.90
February 2018	33,285,794.62	June 2021	21,813,901.29	October 2024	12,860,434.28
March 2018	33,002,906.59	July 2021	21,559,656.56	November 2024	12,677,285.09
April 2018	32,712,847.60	August 2021	21,306,994.61	December 2024	12,496,563.96
May 2018	32,415,767.45	September 2021	21,055,904.39	January 2025	12,318,239.91
June 2018	32,111,820.05	October 2021	20,806,374.89	February 2025	12,142,282.35
July 2018	31,801,163.33	November 2021	20,558,395.18	March 2025	11,968,661.06
August 2018	31,483,959.09	December 2021	20,311,954.39	April 2025	11,797,346.22
September 2018	31,168,773.62	January 2022	20,067,041.75	May 2025	11,628,308.35
October 2018	30,855,593.06	February 2022	19,823,646.52	June 2025	11,461,518.36
November 2018	30,544,403.63	March 2022	19,581,758.05	July 2025	11,296,947.53
December 2018	30,235,191.63	April 2022	19,341,365.76	August 2025	11,134,567.47
January 2019	29,927,943.47	May 2022	19,102,459.12	September 2025	10,974,350.18
February 2019	29,622,645.63	June 2022	18,865,027.69	October 2025	10,816,267.97
March 2019	29,319,284.67	July 2022	18,629,061.08	November 2025	10,660,293.54
April 2019	29,017,847.26	August 2022	18,394,548.98	December 2025	10,506,399.90
May 2019	28,718,320.15	September 2022	18,161,481.13	January 2026	10,354,560.40
June 2019	28,420,690.15	October 2022	17,929,847.34	February 2026	10,204,748.74
July 2019	28,124,944.19	November 2022	17,699,637.50	March 2026	10,056,938.94
August 2019	27,831,069.26	December 2022	17,470,841.55	April 2026	9,911,105.33
September 2019	27,539,052.44	January 2023	17,243,449.49	May 2026	9,767,222.59
October 2019	27,248,880.89	February 2023	17,017,451.39	June 2026	9,625,265.69
November 2019	26,960,541.86	March 2023	16,792,837.39	July 2026	9,485,209.94
December 2019	26,674,022.68	April 2023	16,569,597.69	August 2026	9,347,030.93
January 2020	26,389,310.76	May 2023	16,347,722.55	September 2026	9,210,704.58
February 2020	26,106,393.59	June 2023	16,127,202.28	October 2026	9,076,207.09
March 2020	25,825,258.73	July 2023	15,908,027.28	November 2026	8,943,514.98
April 2020	25,545,893.84	August 2023	15,690,187.98	December 2026	8,812,605.05
May 2020	25,268,286.65	September 2023	15,473,674.89	January 2027	8,683,454.40
June 2020	24,992,424.96	October 2023	15,258,478.58	February 2027	8,556,040.40
July 2020	24,718,296.66	November 2023	15,044,589.67	March 2027	8,430,340.72
August 2020	24,445,889.72	December 2023	14,832,571.57	April 2027	8,306,333.30
September 2020	24,175,192.17	January 2024	14,623,349.25	May 2027	8,183,996.38
October 2020	23,906,192.14	February 2024	14,416,887.16	June 2027	8,063,308.43
November 2020	23,638,877.81	March 2024	14,213,150.16	July 2027	7,944,248.23
December 2020	23,373,237.45	April 2024	14,012,103.58	August 2027	7,826,794.81
January 2021	23,109,259.42	May 2024	13,813,713.16	September 2027	7,710,927.46
February 2021	22,846,932.12	June 2024	13,617,945.08	October 2027	7,596,625.74

Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
November 2027	$ 7,483,869.45	October 2032	$ 2,963,352.56	September 2037	$ 1,012,413.34
December 2027	7,372,638.66	November 2032	2,914,438.35	October 2037	991,937.51
January 2028	7,262,913.69	December 2032	2,866,217.63	November 2037	971,773.76
February 2028	7,154,675.09	January 2033	2,818,681.23	December 2037	951,917.82
March 2028	7,047,903.68	February 2033	2,771,820.08	January 2038	932,365.46
April 2028	6,942,580.49	March 2033	2,725,625.26	February 2038	913,112.53
May 2028	6,838,686.82	April 2033	2,680,087.93	March 2038	894,154.90
June 2028	6,736,204.19	May 2033	2,635,199.38	April 2038	875,488.53
July 2028	6,635,114.34	June 2033	2,590,951.00	May 2038	857,109.41
August 2028	6,535,399.27	July 2033	2,547,334.31	June 2038	839,013.59
September 2028	6,437,041.18	August 2033	2,504,340.92	July 2038	821,197.17
October 2028	6,340,022.51	September 2033	2,461,962.55	August 2038	803,656.30
November 2028	6,244,325.90	October 2033	2,420,191.03	September 2038	786,387.18
December 2028	6,149,934.24	November 2033	2,379,018.29	October 2038	769,386.05
January 2029	6,056,830.60	December 2033	2,338,436.36	November 2038	752,649.23
February 2029	5,964,998.30	January 2034	2,298,437.39	December 2038	736,173.05
March 2029	5,874,420.84	February 2034	2,259,013.61	January 2039	719,953.91
April 2029	5,785,081.95	March 2034	2,220,157.37	February 2039	703,988.25
May 2029	5,696,965.54	April 2034	2,181,861.08	March 2039	688,272.57
June 2029	5,610,055.74	May 2034	2,144,117.30	April 2039	672,803.39
July 2029	5,524,336.89	June 2034	2,106,918.63	May 2039	657,577.30
August 2029	5,439,793.50	July 2034	2,070,257.82	June 2039	642,590.91
September 2029	5,356,410.30	August 2034	2,034,127.66	July 2039	627,840.91
October 2029	5,274,172.20	September 2034	1,998,521.08	August 2039	613,323.99
November 2029	5,193,064.31	October 2034	1,963,431.06	September 2039	599,036.92
December 2029	5,113,071.90	November 2034	1,928,850.69	October 2039	584,976.50
January 2030	5,034,180.47	December 2034	1,894,773.16	November 2039	571,139.56
February 2030	4,956,375.68	January 2035	1,861,191.73	December 2039	557,522.98
March 2030	4,879,643.35	February 2035	1,828,099.74	January 2040	544,123.69
April 2030	4,803,969.52	March 2035	1,795,490.64	February 2040	530,938.65
May 2030	4,729,340.38	April 2035	1,763,357.93	March 2040	517,964.86
June 2030	4,655,742.30	May 2035	1,731,695.24	April 2040	505,199.37
July 2030	4,583,161.83	June 2035	1,700,496.24	May 2040	492,639.25
August 2030	4,511,585.68	July 2035	1,669,754.70	June 2040	480,281.62
September 2030	4,441,000.74	August 2035	1,639,464.46	July 2040	468,123.65
October 2030	4,371,394.04	September 2035	1,609,619.46	August 2040	456,162.51
November 2030	4,302,752.81	October 2035	1,580,213.69	September 2040	444,395.46
December 2030	4,235,064.41	November 2035	1,551,241.24	October 2040	432,819.75
January 2031	4,168,316.38	December 2035	1,522,696.27	November 2040	421,432.69
February 2031	4,102,496.41	January 2036	1,494,573.01	December 2040	410,231.61
March 2031	4,037,592.35	February 2036	1,466,865.77	January 2041	399,213.90
April 2031	3,973,592.21	March 2036	1,439,568.92	February 2041	388,376.96
May 2031	3,910,484.12	April 2036	1,412,676.93	March 2041	377,718.23
June 2031	3,848,256.40	May 2036	1,386,184.31	April 2041	367,235.20
July 2031	3,786,897.50	June 2036	1,360,085.66	May 2041	356,925.36
August 2031	3,726,396.02	July 2036	1,334,375.65	June 2041	346,786.27
September 2031	3,666,740.70	August 2036	1,309,049.00	July 2041	336,815.50
October 2031	3,607,920.43	September 2036	1,284,100.53	August 2041	327,010.67
November 2031	3,549,924.22	October 2036	1,259,525.10	September 2041	317,369.40
December 2031	3,492,741.26	November 2036	1,235,317.64	October 2041	307,889.37
January 2032	3,436,360.84	December 2036	1,211,473.16	November 2041	298,568.28
February 2032	3,380,772.40	January 2037	1,187,986.73	December 2041	289,403.86
March 2032	3,325,965.52	February 2037	1,164,853.46	January 2042	280,393.88
April 2032	3,271,929.91	March 2037	1,142,068.56	February 2042	271,536.13
May 2032	3,218,655.39	April 2037	1,119,627.28	March 2042	262,828.43
June 2032	3,166,131.94	May 2037	1,097,524.94	April 2042	254,268.63
July 2032	3,114,349.65	June 2037	1,075,756.91	May 2042	245,854.61
August 2032	3,063,298.74	July 2037	1,054,318.62	June 2042	237,584.27
September 2032	3,012,969.55	August 2037	1,033,205.58	July 2042	229,455.56

Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
August 2042	$ 221,466.43	October 2043	$ 123,196.40	December 2044	$ 46,967.85
September 2042	213,614.87	November 2043	117,074.19	January 2045	42,252.15
October 2042	205,898.90	December 2043	111,062.43	February 2045	37,626.10
November 2042	198,316.56	January 2044	105,159.49	March 2045	33,088.36
December 2042	190,865.93	February 2044	99,363.79	April 2045	28,637.61
January 2043	183,545.09	March 2044	93,673.74	May 2045	24,272.54
February 2043	176,352.17	April 2044	88,087.79	June 2045	19,991.88
March 2043	169,285.32	May 2044	82,604.41	July 2045	15,794.35
April 2043	162,342.69	June 2044	77,222.07	August 2045	11,678.70
May 2043	155,522.49	July 2044	71,939.29	September 2045	7,643.70
June 2043	148,822.94	August 2044	66,754.60	October 2045	3,688.13
July 2043	142,242.28	September 2044	61,666.53	November 2045 and thereafter	0.00
August 2043	135,778.77	October 2044	56,673.65		
September 2043	129,430.71	November 2044	51,774.56		

Aggregate Group IV Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$172,174,000.00	February 2021	$127,628,679.05	May 2024	$ 79,544,393.71
December 2017	171,686,570.65	March 2021	126,239,585.13	June 2024	78,461,320.88
January 2018	171,156,495.17	April 2021	124,859,442.79	July 2024	77,385,025.56
February 2018	170,583,948.49	May 2021	123,488,189.15	August 2024	76,315,458.91
March 2018	169,969,132.89	June 2021	122,125,761.73	September 2024	75,252,572.40
April 2018	169,312,277.87	July 2021	120,772,098.44	October 2024	74,196,317.81
May 2018	168,613,640.03	August 2021	119,427,137.62	November 2024	73,146,647.24
June 2018	167,873,502.93	September 2021	118,090,817.97	December 2024	72,110,221.46
July 2018	167,092,176.87	October 2021	116,763,078.62	January 2025	71,087,595.95
August 2018	166,269,998.73	November 2021	115,443,859.08	February 2025	70,078,593.40
September 2018	165,407,331.66	December 2021	114,133,099.26	March 2025	69,083,038.69
October 2018	164,504,564.87	January 2022	112,830,739.45	April 2025	68,100,758.92
November 2018	163,562,113.30	February 2022	111,536,720.32	May 2025	67,131,583.35
December 2018	162,580,417.26	March 2022	110,250,982.95	June 2025	66,175,343.42
January 2019	161,559,942.16	April 2022	108,973,468.77	July 2025	65,231,872.66
February 2019	160,501,178.01	May 2022	107,704,119.61	August 2025	64,301,006.70
March 2019	159,404,639.13	June 2022	106,442,877.67	September 2025	63,382,583.24
April 2019	158,270,863.60	July 2022	105,189,685.53	October 2025	62,476,442.04
May 2019	157,100,412.86	August 2022	103,944,486.11	November 2025	61,582,424.84
June 2019	155,893,871.22	September 2022	102,707,222.75	December 2025	60,700,375.42
July 2019	154,651,845.29	October 2022	101,477,839.12	January 2026	59,830,139.48
August 2019	153,374,963.51	November 2022	100,256,279.26	February 2026	58,971,564.70
September 2019	152,063,875.53	December 2022	99,042,487.58	March 2026	58,124,500.66
October 2019	150,719,251.65	January 2023	97,836,408.84	April 2026	57,288,798.85
November 2019	149,341,782.19	February 2023	96,637,988.17	May 2026	56,464,312.60
December 2019	147,932,176.86	March 2023	95,447,171.04	June 2026	55,650,897.13
January 2020	146,491,164.14	April 2023	94,263,903.29	July 2026	54,848,409.45
February 2020	145,019,490.57	May 2023	93,088,131.07	August 2026	54,056,708.41
March 2020	143,517,920.04	June 2023	91,919,800.94	September 2026	53,275,654.61
April 2020	142,026,088.56	July 2023	90,758,859.74	October 2026	52,505,110.41
May 2020	140,543,928.15	August 2023	89,605,254.71	November 2026	51,744,939.92
June 2020	139,071,371.25	September 2023	88,458,933.39	December 2026	50,995,008.97
July 2020	137,608,350.73	October 2023	87,319,843.67	January 2027	50,255,185.06
August 2020	136,154,799.93	November 2023	86,187,933.80	February 2027	49,525,337.38
September 2020	134,710,652.59	December 2023	85,063,152.32	March 2027	48,805,336.77
October 2020	133,275,842.90	January 2024	83,945,448.13	April 2027	48,095,055.70
November 2020	131,850,305.46	February 2024	82,834,770.46	May 2027	47,394,368.25
December 2020	130,433,975.30	March 2024	81,731,068.86	June 2027	46,703,150.09
January 2021	129,026,787.87	April 2024	80,634,293.22	July 2027	46,021,278.47

Aggregate Group IV (Continued)

Distribution Date	Planned Balance
August 2027	$ 45,348,632.17
September 2027	44,685,091.53
October 2027	44,030,538.39
November 2027	43,384,856.08
December 2027	42,747,929.41
January 2028	42,119,644.65
February 2028	41,499,889.51
March 2028	40,888,553.11
April 2028	40,285,526.00
May 2028	39,690,700.09
June 2028	39,103,968.67
July 2028	38,525,226.37
August 2028	37,954,369.18
September 2028	37,391,294.40
October 2028	36,835,900.60
November 2028	36,288,087.69
December 2028	35,747,756.81
January 2029	35,214,810.36
February 2029	34,689,151.99
March 2029	34,170,686.58
April 2029	33,659,320.18
May 2029	33,154,960.08
June 2029	32,657,514.72
July 2029	32,166,893.70
August 2029	31,683,007.79
September 2029	31,205,768.87
October 2029	30,735,089.96
November 2029	30,270,885.17
December 2029	29,813,069.72
January 2030	29,361,559.88
February 2030	28,916,273.03
March 2030	28,477,127.56
April 2030	28,044,042.91
May 2030	27,616,939.56
June 2030	27,195,738.98
July 2030	26,780,363.67
August 2030	26,370,737.09
September 2030	25,966,783.70
October 2030	25,568,428.88
November 2030	25,175,599.02
December 2030	24,788,221.41
January 2031	24,406,224.28
February 2031	24,029,536.76
March 2031	23,658,088.91
April 2031	23,291,811.67
May 2031	22,930,636.86
June 2031	22,574,497.18
July 2031	22,223,326.18
August 2031	21,877,058.25
September 2031	21,535,628.65
October 2031	21,198,973.44
November 2031	20,867,029.52
December 2031	20,539,734.56
January 2032	20,217,027.08
February 2032	19,898,846.34
March 2032	19,585,132.40
April 2032	19,275,826.09
May 2032	18,970,868.99
June 2032	18,670,203.43
July 2032	$ 18,373,772.49
August 2032	18,081,519.95
September 2032	17,793,390.35
October 2032	17,509,328.92
November 2032	17,229,281.58
December 2032	16,953,194.98
January 2033	16,681,016.42
February 2033	16,412,693.89
March 2033	16,148,176.07
April 2033	15,887,412.25
May 2033	15,630,352.42
June 2033	15,376,947.19
July 2033	15,127,147.81
August 2033	14,880,906.15
September 2033	14,638,174.71
October 2033	14,398,906.59
November 2033	14,163,055.51
December 2033	13,930,575.77
January 2034	13,701,422.26
February 2034	13,475,550.47
March 2034	13,252,916.44
April 2034	13,033,476.80
May 2034	12,817,188.71
June 2034	12,604,009.91
July 2034	12,393,898.66
August 2034	12,186,813.80
September 2034	11,982,714.65
October 2034	11,781,561.09
November 2034	11,583,313.51
December 2034	11,387,932.82
January 2035	11,195,380.41
February 2035	11,005,618.19
March 2035	10,818,608.56
April 2035	10,634,314.41
May 2035	10,452,699.10
June 2035	10,273,726.48
July 2035	10,097,360.84
August 2035	9,923,566.97
September 2035	9,752,310.08
October 2035	9,583,555.87
November 2035	9,417,270.45
December 2035	9,253,420.38
January 2036	9,091,972.67
February 2036	8,932,894.74
March 2036	8,776,154.43
April 2036	8,621,720.02
May 2036	8,469,560.19
June 2036	8,319,644.01
July 2036	8,171,940.99
August 2036	8,026,421.00
September 2036	7,883,054.33
October 2036	7,741,811.63
November 2036	7,602,663.96
December 2036	7,465,582.74
January 2037	7,330,539.76
February 2037	7,197,507.19
March 2037	7,066,457.56
April 2037	6,937,363.74
May 2037	6,810,198.99
June 2037	$ 6,684,936.89
July 2037	6,561,551.37
August 2037	6,440,016.71
September 2037	6,320,307.52
October 2037	6,202,398.75
November 2037	6,086,265.65
December 2037	5,971,883.83
January 2038	5,859,229.20
February 2038	5,748,277.99
March 2038	5,639,006.74
April 2038	5,531,392.30
May 2038	5,425,411.82
June 2038	5,321,042.75
July 2038	5,218,262.84
August 2038	5,117,050.12
September 2038	5,017,382.93
October 2038	4,919,239.88
November 2038	4,822,599.86
December 2038	4,727,442.03
January 2039	4,633,745.86
February 2039	4,541,491.04
March 2039	4,450,657.57
April 2039	4,361,225.69
May 2039	4,273,175.91
June 2039	4,186,488.98
July 2039	4,101,145.93
August 2039	4,017,128.02
September 2039	3,934,416.76
October 2039	3,852,993.93
November 2039	3,772,841.50
December 2039	3,693,941.73
January 2040	3,616,277.08
February 2040	3,539,830.26
March 2040	3,464,584.19
April 2040	3,390,522.05
May 2040	3,317,627.20
June 2040	3,245,883.25
July 2040	3,175,274.03
August 2040	3,105,783.55
September 2040	3,037,396.07
October 2040	2,970,096.05
November 2040	2,903,868.13
December 2040	2,838,697.20
January 2041	2,774,568.30
February 2041	2,711,466.72
March 2041	2,649,377.90
April 2041	2,588,287.50
May 2041	2,528,181.36
June 2041	2,469,045.53
July 2041	2,410,866.21
August 2041	2,353,629.81
September 2041	2,297,322.91
October 2041	2,241,932.28
November 2041	2,187,444.86
December 2041	2,133,847.77
January 2042	2,081,128.28
February 2042	2,029,273.86
March 2042	1,978,272.13
April 2042	1,928,110.88

Aggregate Group IV (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
May 2042	$ 1,878,778.06	March 2044	$ 980,603.94	January 2046	$ 371,278.58
June 2042	1,830,261.79	April 2044	947,346.57	February 2046	349,040.14
July 2042	1,782,550.35	May 2044	914,672.46	March 2046	327,220.95
August 2042	1,735,632.17	June 2044	882,573.04	April 2046	305,814.66
September 2042	1,689,495.82	July 2044	851,039.85	May 2046	284,815.03
October 2042	1,644,130.06	August 2044	820,064.54	June 2046	264,215.88
November 2042	1,599,523.78	September 2044	789,638.88	July 2046	244,011.14
December 2042	1,555,666.01	October 2044	759,754.74	August 2046	224,194.81
January 2043	1,512,545.94	November 2044	730,404.11	September 2046	204,760.98
February 2043	1,470,152.90	December 2044	701,579.09	October 2046	185,703.81
March 2043	1,428,476.39	January 2045	673,271.88	November 2046	167,017.57
April 2043	1,387,506.00	February 2045	645,474.80	December 2046	148,696.57
May 2043	1,347,231.51	March 2045	618,180.26	January 2047	130,735.22
June 2043	1,307,642.80	April 2045	591,380.79	February 2047	113,128.02
July 2043	1,268,729.91	May 2045	565,068.99	March 2047	95,869.51
August 2043	1,230,483.01	June 2045	539,237.60	April 2047	78,954.34
September 2043	1,192,892.41	July 2045	513,879.44	May 2047	62,377.22
October 2043	1,155,948.52	August 2045	488,987.43	June 2047	46,132.94
November 2043	1,119,641.91	September 2045	464,554.59	July 2047	30,216.34
December 2043	1,083,963.27	October 2045	440,574.03	August 2047	14,622.37
January 2044	1,048,903.42	November 2045	417,038.96		
February 2044	1,014,453.29	December 2045	393,942.68	September 2047 and thereafter	0.00

QB Class Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	$66,063,000.00	June 2020	$51,098,943.06	January 2023	$35,728,819.24
December 2017	65,761,347.40	July 2020	50,558,023.74	February 2023	35,277,808.37
January 2018	65,444,134.69	August 2020	50,020,314.57	March 2023	34,829,387.29
February 2018	65,111,493.17	September 2020	49,485,793.66	April 2023	34,383,537.87
March 2018	64,763,563.67	October 2020	48,954,439.26	May 2023	33,940,242.08
April 2018	64,400,496.41	November 2020	48,426,229.74	June 2023	33,499,482.00
May 2018	64,022,450.93	December 2020	47,901,143.62	July 2023	33,061,239.81
June 2018	63,629,595.93	January 2021	47,379,159.52	August 2023	32,625,497.82
July 2018	63,222,109.13	February 2021	46,860,256.22	September 2023	32,192,238.42
August 2018	62,800,177.18	March 2021	46,344,412.62	October 2023	31,761,444.11
September 2018	62,363,995.45	April 2021	45,831,607.74	November 2023	31,333,097.53
October 2018	61,913,767.89	May 2021	45,321,820.72	December 2023	30,907,181.36
November 2018	61,449,706.86	June 2021	44,815,030.86	January 2024	30,483,678.45
December 2018	60,972,032.96	July 2021	44,311,217.54	February 2024	30,062,571.70
January 2019	60,480,974.80	August 2021	43,810,360.31	March 2024	29,643,844.15
February 2019	59,976,768.87	September 2021	43,312,438.81	April 2024	29,227,478.93
March 2019	59,459,659.26	October 2021	42,817,432.82	May 2024	28,815,362.10
April 2019	58,929,897.51	November 2021	42,325,322.24	June 2024	28,408,701.29
May 2019	58,387,742.34	December 2021	41,836,087.08	July 2024	28,007,426.77
June 2019	57,833,459.47	January 2022	41,349,707.49	August 2024	27,611,469.67
July 2019	57,267,321.31	February 2022	40,866,163.73	September 2024	27,220,762.02
August 2019	56,689,606.81	March 2022	40,385,436.17	October 2024	26,835,236.65
September 2019	56,115,352.25	April 2022	39,907,505.32	November 2024	26,454,827.27
October 2019	55,544,534.23	May 2022	39,432,351.78	December 2024	26,079,468.41
November 2019	54,977,129.48	June 2022	38,959,956.31	January 2025	25,709,095.42
December 2019	54,413,114.88	July 2022	38,490,299.73	February 2025	25,343,644.45
January 2020	53,852,467.44	August 2022	38,023,363.02	March 2025	24,983,052.46
February 2020	53,295,164.33	September 2022	37,559,127.25	April 2025	24,627,257.19
March 2020	52,741,182.83	October 2022	37,097,573.63	May 2025	24,276,197.17
April 2020	52,190,500.38	November 2022	36,638,683.46	June 2025	23,929,811.70
May 2020	51,643,094.56	December 2022	36,182,438.15	July 2025	23,588,040.84

QB Class (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
August 2025	$23,250,825.39	July 2030	$ 9,648,852.03	June 2035	$ 3,659,522.26
September 2025	22,918,106.91	August 2030	9,500,243.75	July 2035	3,595,542.34
October 2025	22,589,827.67	September 2030	9,353,691.48	August 2035	3,532,496.79
November 2025	22,265,930.70	October 2030	9,209,168.28	September 2035	3,470,373.00
December 2025	21,946,359.70	November 2030	9,066,647.55	October 2035	3,409,158.54
January 2026	21,631,059.12	December 2030	8,926,103.04	November 2035	3,348,841.14
February 2026	21,319,974.07	January 2031	8,787,508.80	December 2035	3,289,408.68
March 2026	21,013,050.37	February 2031	8,650,839.25	January 2036	3,230,849.20
April 2026	20,710,234.52	March 2031	8,516,069.10	February 2036	3,173,150.90
May 2026	20,411,473.69	April 2031	8,383,173.42	March 2036	3,116,302.12
June 2026	20,116,715.70	May 2031	8,252,127.57	April 2036	3,060,291.37
July 2026	19,825,909.05	June 2031	8,122,907.22	May 2036	3,005,107.30
August 2026	19,539,002.86	July 2031	7,995,488.36	June 2036	2,950,738.69
September 2026	19,255,946.91	August 2031	7,869,847.30	July 2036	2,897,174.49
October 2026	18,976,691.61	September 2031	7,745,960.62	August 2036	2,844,403.78
November 2026	18,701,187.97	October 2031	7,623,805.23	September 2036	2,792,415.80
December 2026	18,429,387.65	November 2031	7,503,358.30	October 2036	2,741,199.89
January 2027	18,161,242.90	December 2031	7,384,597.33	November 2036	2,690,745.57
February 2027	17,896,706.56	January 2032	7,267,500.08	December 2036	2,641,042.48
March 2027	17,635,732.09	February 2032	7,152,044.59	January 2037	2,592,080.38
April 2027	17,378,273.51	March 2032	7,038,209.20	February 2037	2,543,849.19
May 2027	17,124,285.43	April 2032	6,925,972.52	March 2037	2,496,338.94
June 2027	16,873,723.04	May 2032	6,815,313.42	April 2037	2,449,539.80
July 2027	16,626,542.08	June 2032	6,706,211.06	May 2037	2,403,442.06
August 2027	16,382,698.85	July 2032	6,598,644.85	June 2037	2,358,036.15
September 2027	16,142,150.21	August 2032	6,492,594.47	July 2037	2,313,312.61
October 2027	15,904,853.55	September 2032	6,388,039.86	August 2037	2,269,262.11
November 2027	15,670,766.81	October 2032	6,284,961.20	September 2037	2,225,875.44
December 2027	15,439,848.45	November 2032	6,183,338.96	October 2037	2,183,143.51
January 2028	15,212,057.45	December 2032	6,083,153.82	November 2037	2,141,057.35
February 2028	14,987,353.32	January 2033	5,984,386.74	December 2037	2,099,608.10
March 2028	14,765,696.09	February 2033	5,887,018.89	January 2038	2,058,787.03
April 2028	14,547,046.25	March 2033	5,791,031.72	February 2038	2,018,585.50
May 2028	14,331,364.85	April 2033	5,696,406.87	March 2038	1,978,995.02
June 2028	14,118,613.37	May 2033	5,603,126.27	April 2038	1,940,007.17
July 2028	13,908,753.83	June 2033	5,511,172.03	May 2038	1,901,613.67
August 2028	13,701,748.69	July 2033	5,420,526.53	June 2038	1,863,806.32
September 2028	13,497,560.90	August 2033	5,331,172.34	July 2038	1,826,577.06
October 2028	13,296,153.88	September 2033	5,243,092.28	August 2038	1,789,917.92
November 2028	13,097,491.51	October 2033	5,156,269.39	September 2038	1,753,821.02
December 2028	12,901,538.13	November 2033	5,070,686.90	October 2038	1,718,278.61
January 2029	12,708,258.52	December 2033	4,986,328.29	November 2038	1,683,283.02
February 2029	12,517,617.91	January 2034	4,903,177.23	December 2038	1,648,826.69
March 2029	12,329,581.98	February 2034	4,821,217.61	January 2039	1,614,902.16
April 2029	12,144,116.82	March 2034	4,740,433.51	February 2039	1,581,502.06
May 2029	11,961,188.98	April 2034	4,660,809.24	March 2039	1,548,619.12
June 2029	11,780,765.41	May 2034	4,582,329.30	April 2039	1,516,246.18
July 2029	11,602,813.48	June 2034	4,504,978.37	May 2039	1,484,376.15
August 2029	11,427,300.99	July 2034	4,428,741.37	June 2039	1,453,002.05
September 2029	11,254,196.13	August 2034	4,353,603.36	July 2039	1,422,116.98
October 2029	11,083,467.50	September 2034	4,279,549.65	August 2039	1,391,714.14
November 2029	10,915,084.09	October 2034	4,206,565.69	September 2039	1,361,786.81
December 2029	10,749,015.30	November 2034	4,134,637.14	October 2039	1,332,328.38
January 2030	10,585,230.91	December 2034	4,063,749.85	November 2039	1,303,332.30
February 2030	10,423,701.07	January 2035	3,993,889.84	December 2039	1,274,792.11
March 2030	10,264,396.32	February 2035	3,925,043.30	January 2040	1,246,701.46
April 2030	10,107,287.58	March 2035	3,857,196.64	February 2040	1,219,054.05
May 2030	9,952,346.13	April 2035	3,790,336.39	March 2040	1,191,843.69
June 2030	9,799,543.61	May 2035	3,724,449.30	April 2040	1,165,064.25

QB Class (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
May 2040	$ 1,138,709.70	August 2042	$ 567,725.96	November 2044	$ 206,776.38
June 2040	1,112,774.09	September 2042	551,114.01	December 2044	196,469.27
July 2040	1,087,251.52	October 2042	534,782.69	January 2045	186,350.75
August 2040	1,062,136.20	November 2042	518,727.96	February 2045	176,418.01
September 2040	1,037,422.40	December 2042	502,945.83	March 2045	166,668.29
October 2040	1,013,104.47	January 2043	487,432.37	April 2045	157,098.87
November 2040	989,176.83	February 2043	472,183.69	May 2045	147,707.05
December 2040	965,633.99	March 2043	457,195.96	June 2045	138,490.18
January 2041	942,470.52	April 2043	442,465.41	July 2045	129,445.65
February 2041	919,681.05	May 2043	427,988.30	August 2045	120,570.87
March 2041	897,260.30	June 2043	413,760.96	September 2045	111,863.30
April 2041	875,203.06	July 2043	399,779.76	October 2045	103,320.43
May 2041	853,504.18	August 2043	386,041.12	November 2045	94,939.79
June 2041	832,158.58	September 2043	372,541.50	December 2045	86,718.92
July 2041	811,161.25	October 2043	359,277.43	January 2046	78,655.43
August 2041	790,507.24	November 2043	346,245.46	February 2046	70,746.93
September 2041	770,191.68	December 2043	333,442.21	March 2046	62,991.08
October 2041	750,209.76	January 2044	320,864.33	April 2046	55,385.57
November 2041	730,556.71	February 2044	308,508.51	May 2046	47,928.13
December 2041	711,227.86	March 2044	296,371.51	June 2046	40,616.50
January 2042	692,218.59	April 2044	284,450.11	July 2046	33,448.46
February 2042	673,524.32	May 2044	272,741.14	August 2046	26,421.83
March 2042	655,140.56	June 2044	261,241.49	September 2046	19,534.46
April 2042	637,062.87	July 2044	249,948.06	October 2046	12,784.21
May 2042	619,286.85	August 2044	238,857.81	November 2046	6,168.98
June 2042	601,808.20	September 2044	227,967.75	December 2046 and thereafter	0.00
July 2042	584,622.64	October 2044	217,274.91		

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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PROSPECTUS SUPPLEMENT

Wells Fargo Securities

November 22, 2017