

**\$1,304,286,492**



**FannieMae®**

**Guaranteed REMIC Pass-Through Certificates  
Fannie Mae REMIC Trust 2018-45**

**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,
- underlying REMIC certificates backed by Fannie Mae MBS or Fannie Mae Stripped MBS, and
- Fannie Mae Stripped MBS.

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

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
AB . . . . .	1	\$170,000,000	PT	3.0%	FIX	3136B2EF5	June 2048
NB(2) . . .	1	121,215,000	PAC/AD	3.0	FIX	3136B2EG3	November 2046
NI(2) . . . .	1	26,936,666(3)	NTL	4.5	FIX/IO	3136B2EH1	November 2046
AV(2) . . .	1	6,082,000	PAC/AD	4.0	FIX	3136B2EJ7	August 2029
AZ(2) . . .	1	10,897,000	PAC/AD	4.0	FIX/Z	3136B2EK4	June 2048
NZ . . . . .	1	16,528,000	TAC/AD	4.0	FIX/Z	3136B2EL2	June 2048
ZN . . . . .	1	242,040	SUP/AD	4.0	FIX/Z	3136B2EM0	June 2048
FA . . . . .	1	166,241,009	PT	(4)	FLT	3136B2EN8	June 2048
SA . . . . .	1	166,241,009(3)	NTL	(4)	INV/IO	3136B2EP3	June 2048
FL(2) . . . .	2	26,819,545	PT	(4)	FLT	3136B2EQ1	June 2048
SL(2) . . . .	2	26,819,545(3)	NTL	(4)	INV/IO	3136B2ER9	June 2048
FM(2) . . .	2	35,680,455	PT	(4)	FLT	3136B2ES7	June 2048
SM(2) . . .	2	35,680,455(3)	NTL	(4)	INV/IO	3136B2ET5	June 2048
TL . . . . .	2	50,000,000	PT	3.5	FIX	3136B2EU2	June 2048
TM . . . . .	2	50,000,000	PT	3.0	FIX	3136B2EV0	June 2048
GA . . . . .	3	200,000,000	PT	3.0	FIX	3136B2EW8	June 2048
GI . . . . .	3	50,000,000(3)	NTL	4.0	FIX/IO	3136B2EX6	June 2048

(Table continued on next page)

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The NY, NC, ND, NE, NA, FT, MS, KB, JB, IB, IC, ID, DY and DV Classes are the RCR Classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and "Description of the Certificates—Combination and Recombination—RCR Certificates" in the REMIC prospectus.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be May 31, 2018.

**Carefully consider the risk factors starting on page S-13 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.

**BofA Merrill Lynch**

The date of this Prospectus Supplement is May 25, 2018

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
KA . . . . .	4	\$100,000,000	SEQ	4.0%	FIX	3136B2EY4	November 2043
KV(2) . . .	4	10,658,365	SEQ/AD	4.0	FIX	3136B2EZ1	August 2029
VK(2) . . .	4	13,117,978	SEQ/AD	4.0	FIX	3136B2FA5	October 2038
KZ(2) . . . .	4	19,080,800	SEQ	4.0	FIX/Z	3136B2FB3	June 2048
JA . . . . .	5	25,000,000	SEQ	4.5	FIX	3136B2FC1	May 2045
JV(2) . . . .	5	2,794,682	SEQ/AD	4.5	FIX	3136B2FD9	July 2029
JZ(2) . . . .	5	4,360,618	SEQ	4.5	FIX/Z	3136B2FE7	June 2048
SB . . . . .	6	32,435,721(3)	NTL	(4)	INV/IO	3136B2FF4	June 2041
TA(2) . . . .	6	818,937(3)	NTL	(4)	INV/IO	3136B2FG2	September 2037
TB(2) . . . .	6	2,952,766(3)	NTL	(4)	INV/IO	3136B2FH0	June 2041
TC(2) . . . .	6	583,466(3)	NTL	(4)	INV/IO	3136B2FJ6	January 2040
TD(2) . . . .	6	2,669,973(3)	NTL	(4)	INV/IO	3136B2FK3	May 2035
TE(2) . . . .	6	1,979,893(3)	NTL	(4)	INV/IO	3136B2FL1	June 2041
SC . . . . .	7	35,950,659(3)	NTL	(4)	INV/IO	3136B2FM9	January 2041
TG(2) . . . .	7	1,217,689(3)	NTL	(4)	INV/IO	3136B2FN7	November 2039
TH(2) . . . .	7	683,019(3)	NTL	(4)	INV/IO	3136B2FP2	November 2039
TJ(2) . . . .	7	235,592(3)	NTL	(4)	INV/IO	3136B2FQ0	August 2038
TK(2) . . . .	7	1,920,397(3)	NTL	(4)	INV/IO	3136B2FR8	January 2041
LT(2) . . . .	7	541,942(3)	NTL	(4)	INV/IO	3136B2FS6	October 2040
SD . . . . .	8	41,331,973(3)	NTL	(4)	INV/IO	3136B2FT4	May 2044
MT(2) . . . .	8	5,766,097(3)	NTL	(4)	INV/IO	3136B2FU1	October 2039
TN(2) . . . .	8	2,537,878(3)	NTL	(4)	INV/IO	3136B2FV9	March 2037
TQ(2) . . . .	8	534,620(3)	NTL	(4)	INV/IO	3136B2FW7	June 2038
TS(2) . . . .	8	2,666,698(3)	NTL	(4)	INV/IO	3136B2FX5	July 2037
TU(2) . . . .	8	1,062,914(3)	NTL	(4)	INV/IO	3136B2FY3	February 2038
TW(2) . . . .	8	1,965,971(3)	NTL	(4)	INV/IO	3136B2FZ0	May 2044
IE . . . . .	9	31,805,954(5)	NTL	5.5	FIX/IO	3136B2GA4	June 2048
DA . . . . .	10	175,000,000	SEQ	3.5	FIX	3136B2GB2	June 2042
VA(2) . . . .	10	23,731,000	SEQ/AD	3.5	FIX	3136B2GC0	September 2029
VB(2) . . . .	10	27,284,000	SEQ/AD	3.5	FIX	3136B2GD8	October 2038
ZD(2) . . . .	10	49,554,000	SEQ	3.5	FIX/Z	3136B2GE6	June 2048
R . . . . .		0	NPR	0	NPR	3136B2GF3	June 2048
RL . . . . .		0	NPR	0	NPR	3136B2GG1	June 2048

- (1) See “Description of the Certificates—Class Definitions and Abbreviations” in the REMIC prospectus.
- (2) Exchangeable classes.
- (3) Notional principal balances. These classes are interest only classes. See page S-10 for a description of how their notional principal balances are calculated.

- (4) Based on LIBOR.
- (5) The initial notional principal balance of the IE Class is shown above. Thereafter, the notional principal balance of the IE Class will be calculated each month as described on page S-18. See “Description of the Certificates—Distributions of Interest—*The IE Class*” in this prospectus supplement.

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## AVAILABLE INFORMATION

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

- our Prospectus for Fannie Mae Guaranteed REMIC Pass-Through Certificates dated June 1, 2014 (the “REMIC Prospectus”);
- our Prospectus for Fannie Mae Guaranteed Pass-Through Certificates (Single-Family Residential Mortgage Loans) dated
  - May 1, 2018, for all MBS issued on or after May 1, 2018,
  - June 1, 2016, for all MBS issued on or after June 1, 2016 and prior to May 1, 2018,
  - October 1, 2014, for all MBS issued on or after October 1, 2014 and prior to June 1, 2016,
  - March 1, 2013, for all MBS issued on or after March 1, 2013 and prior to October 1, 2014,
  - February 1, 2012, for all MBS issued on or after February 1, 2012 and prior to March 1, 2013,
  - July 1, 2011, for all MBS issued on or after July 1, 2011 and prior to February 1, 2012,
  - June 1, 2009, for all MBS issued on or after January 1, 2009 and prior to July 1, 2011,
  - April 1, 2008, for all MBS issued on or after June 1, 2007 and prior to January 1, 2009, or
  - January 1, 2006, for all other MBS(as applicable, the “MBS Prospectus”);
- if you are purchasing a Group 6, Group 7, Group 8 or Group 9 Class or the R or RL Class, the disclosure documents relating to the applicable underlying REMIC certificates (the “Underlying REMIC Disclosure Documents”);
- any information incorporated by reference in this prospectus supplement as discussed below and under the heading “Incorporation by Reference” in the REMIC Prospectus.
- if you are purchasing a Group 8 or Group 9 Class or the R or RL Class
  - our Prospectus for Fannie Mae Stripped Mortgage-Backed Securities dated
    - November 1, 2016, for all SMBS issued on or after November 1, 2016,
    - April 1, 2014, for all SMBS issued on or after April 1, 2014 and prior to November 1, 2016,
    - February 1, 2012, for all SMBS issued on or after February 1, 2012 and prior to April 1, 2014,
    - January 1, 2009, for all SMBS issued on or after January 1, 2009 and prior to February 1, 2012,
    - December 1, 2007, for all SMBS issued on or after December 1, 2007 and prior to January 1, 2009, or
    - May 1, 2002, for all other SMBS(as applicable, the “SMBS Prospectus”); and
  - the prospectus supplements or preliminary data statements, as applicable, relating to the applicable SMBS (the “SMBS Supplements”); and

For a description of current servicing policies generally applicable to existing Fannie Mae MBS pools, see “Yield, Maturity and Prepayment Considerations” in the MBS Prospectus dated May 1, 2018.

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

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

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

In addition, the Disclosure Documents, together with the class factors, are available on our corporate Web site at [www.fanniemae.com](http://www.fanniemae.com).

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

Merrill Lynch, Pierce, Fenner & Smith Incorporated  
Mortgage Finance Department  
One Bryant Park  
New York, New York 10036  
(telephone 646-855-8340).

## SUMMARY

This summary contains only limited information about the certificates. Statistical information in this summary is provided as of May 1, 2018. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on pages S-3 and S-4. In particular, please see the discussion of risk factors that appears in each of those additional disclosure documents.

### Assets Underlying Each Group of Classes

<u>Group</u>	<u>Assets</u>
1	Group 1 MBS
2	Group 2 MBS*
3	Group 3 MBS
4	Group 4 MBS
5	Group 5 MBS
6	<i>Subgroup 6a</i> Class 2007-89-SA REMIC Certificate
	<i>Subgroup 6b</i> Class 2009-80-SD REMIC Certificate
	<i>Subgroup 6c</i> Class 2011-55-SJ REMIC Certificate
	<i>Subgroup 6d</i> Class 2009-110-SH REMIC Certificate
	<i>Subgroup 6e</i> Class 2005-38-S REMIC Certificate
	<i>Subgroup 6f</i> Class 2011-49-KS REMIC Certificate
7	<i>Subgroup 7a</i> Class 2009-66-SH REMIC Certificate
	Class 2009-97-SA REMIC Certificate
	<i>Subgroup 7b</i> Class 2009-89-SE REMIC Certificate
	Class 2009-91-S REMIC Certificate
	<i>Subgroup 7c</i> Class 2009-97-SD REMIC Certificate
	<i>Subgroup 7d</i> Class 2008-64-CI REMIC Certificate
	<i>Subgroup 7e</i> Class 2010-153-SI REMIC Certificate
	<i>Subgroup 7f</i> Class 2010-117-SE REMIC Certificate
8	<i>Subgroup 8a</i> Class 2007-100-SL REMIC Certificate
	Class 2010-2-SJ REMIC Certificate
	<i>Subgroup 8b</i> Class 2007-15-AI REMIC Certificate
	<i>Subgroup 8c</i> Class 2011-16-SA REMIC Certificate
	<i>Subgroup 8d</i> Class 2008-46-MI REMIC Certificate
	<i>Subgroup 8e</i> Subgroup 8e SMBS
	<i>Subgroup 8f</i> Class 2008-1-DI REMIC Certificate
	<i>Subgroup 8g</i> Class 2014-29-SA REMIC Certificate
9	Class 2011-60-IA REMIC Certificate
	Group 9 SMBS
10	Group 10 MBS

\* Includes the Subgroup 2a MBS and the Subgroup 2b MBS.

## Group 1, Group 2, Group 3, Group 4, Group 5 and Group 10 MBS

### Characteristics of the Trust MBS

	Approximate Principal Balance	Pass- Through Rate	Range of Weighted Average Coupons or WACs (annual percentages)	Range of Weighted Average Remaining Terms to Maturity or WAMs (in months)
Group 1 MBS	\$491,205,049*	4.50%	4.75% to 7.00%	241 to 360
Group 2 MBS				
Subgroup 2a	\$ 69,730,817	4.50%	4.75% to 7.00%	241 to 360
Subgroup 2b	\$ 92,769,183	4.50%	4.75% to 7.00%	241 to 360
Group 3 MBS	\$200,000,000	4.00%	4.25% to 6.50%	241 to 360
Group 4 MBS	\$142,857,143	4.00%	4.25% to 6.50%	241 to 360
Group 5 MBS	\$ 32,155,300	4.50%	4.75% to 7.00%	241 to 360
Group 10 MBS	\$275,569,000	3.50%	3.75% to 6.00%	241 to 360

\* These MBS are backed by pools of mortgage loans held in Fannie Mae Mega Trust Number BM2004, CUSIP Number 3140J6GN1.

### 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	\$491,205,049	360	344	14	4.966%
Group 2 MBS					
Subgroup 2a	\$ 69,730,817	360	357	2	4.910%
Subgroup 2b	\$ 92,769,183	360	356	3	4.910%
Group 3 MBS	\$200,000,000	360	357	2	4.439%
Group 4 MBS	\$142,857,143	360	355	4	4.509%
Group 5 MBS	\$ 32,155,300	360	358	1	5.050%
Group 10 MBS	\$275,569,000	360	356	3	4.185%

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

## Group 6, Group 7, Group 8 and Group 9 Underlying REMIC Certificates and Subgroup 8e SMBS

Exhibit A describes the underlying REMIC certificates in Group 6, Group 7, Group 8 and Group 9 and the Subgroup 8e SMBS, including certain information about the related mortgage loans. To learn more about the underlying REMIC certificates and the Subgroup 8e SMBS, you should obtain from us the current class factors and the related disclosure documents as described on pages S-3 and S-4.



## Group 9 SMBS

### Characteristics of the Group 9 SMBS

	<u>Notional Principal Balance*</u>	<u>Pass- Through Rate</u>	<u>SMBS Trust and Class Designation</u>
Group 9 SMBS	\$2,717,012.00	5.00%	378-5
	\$3,823,524.97	5.50%	383-17
	\$2,031,274.35	6.00%	383-29
	\$2,589,025.76	5.50%	383-4
	\$1,523,359.00	5.50%	384-14
	\$2,920,867.19	5.00%	384-5
	\$2,891,225.32	6.50%	386-12
	\$2,140,387.63	6.00%	386-7
	\$2,503,473.42	6.00%	386-8
	\$1,988,500.41	6.00%	394-5

\* These are interest only SMBS certificates.

### Assumed Characteristics of the Underlying Mortgage Loans

	<u>Principal Balance</u>	<u>Original Term to Maturity (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Interest Rate</u>
Group 9 SMBS	\$2,717,012.00	360	195	152	5.681%
	\$3,823,524.97	360	214	137	5.959%
	\$2,031,274.35	360	217	133	6.395%
	\$2,589,025.76	360	216	133	5.986%
	\$1,523,359.00	360	210	136	6.186%
	\$2,920,867.19	360	196	149	5.697%
	\$2,891,225.32	360	221	128	6.882%
	\$2,140,387.63	360	223	129	6.276%
	\$2,503,473.42	360	221	129	6.575%
	\$1,988,500.41	360	215	132	6.570%

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

### Settlement Date

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

### Distribution Dates

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



**Record Date**

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

**Book-Entry and Physical Certificates**

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

**Fed Book-Entry**

All classes of certificates other than the R and RL Classes

**Physical**

R and RL Classes

**Exchanging Certificates Through Combination and Recombination**

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

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

**Interest Rates**

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

During the initial interest accrual period, the FA, SA, FL, SL, FM, SM, FT and MS Classes will bear interest at the initial interest rates listed below. The initial interest rates listed below for the remaining Classes are assumed rates. During each subsequent interest accrual period, the floating rate and inverse floating rate classes will bear interest based on the formulas indicated below, but always subject to the specified maximum and minimum interest rates:

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate(1)
FA .....	2.19695%	6.50%	0.30%	LIBOR + 30 basis points
SA .....	4.30305%	6.20%	0.00%	6.2% – LIBOR
FL .....	2.19707%	6.50%	0.30%	LIBOR + 30 basis points
SL .....	4.30293%	6.20%	0.00%	6.2% – LIBOR
FM .....	2.19707%	6.50%	0.30%	LIBOR + 30 basis points
SM .....	4.30293%	6.20%	0.00%	6.2% – LIBOR
SB .....	4.25289%(2)	6.15%	0.00%	6.15% – LIBOR
TA .....	1.00000%(2)	1.00%	0.00%	22.96428% – (3.57142858 × LIBOR)
TB .....	1.00000%(2)	1.00%	0.00%	16% – (2.4390244 × LIBOR)
TC .....	1.00000%(2)	1.00%	0.00%	62.5% – (10 × LIBOR)
TD .....	1.00000%(2)	1.00%	0.00%	12.18181% – (1.81818182 × LIBOR)
TE .....	1.00000%(2)	1.00%	0.00%	16.375% – (2.5 × LIBOR)
SC .....	4.15289%(2)	6.05%	0.00%	6.05% – LIBOR
TG .....	1.00000%(2)	1.00%	0.00%	61.5% – (10 × LIBOR)
TH .....	1.00000%(2)	1.00%	0.00%	41.33333% – (6.66666667 × LIBOR)
TJ .....	1.00000%(2)	1.00%	0.00%	122% – (20 × LIBOR)
TK .....	1.00000%(2)	1.00%	0.00%	14.44444% – (2.22222223 × LIBOR)
LT .....	1.00000%(2)	1.00%	0.00%	12% – (1.81818182 × LIBOR)
SD .....	4.01289%(2)	5.91%	0.00%	5.91% – LIBOR
MT .....	1.00000%(2)	1.00%	0.00%	11.94444% – (1.85185186 × LIBOR)
TN .....	1.00000%(2)	1.00%	0.00%	13.57446% – (2.12765958 × LIBOR)
TQ .....	1.00000%(2)	1.00%	0.00%	43.21428% – (7.14285715 × LIBOR)
TS .....	1.00000%(2)	1.00%	0.00%	11.01694% – (1.69491526 × LIBOR)
TU .....	1.00000%(2)	1.00%	0.00%	17.88571% – (2.85714286 × LIBOR)
TW .....	1.00000%(2)	1.00%	0.00%	25.625% – (4.16666667 × LIBOR)
FT .....	2.19707%	6.50%	0.30%	LIBOR + 30 basis points
MS .....	4.30293%	6.20%	0.00%	6.2% – LIBOR

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

(2) Assumed initial interest rates. We will calculate the actual initial interest rates for these classes on May 23, 2018, using the applicable formulas.

During each interest accrual period, the IB, IC and ID Classes will bear interest at the applicable annual rates described under “Description of the Certificates—Distributions of Interest—*The IB Class*,” “*—The IC Class*” and “*—The ID Class*,” respectively, in this prospectus supplement.

## Notional Classes

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

<u>Class</u>	
NI .....	22.2222216722% of the NB Class
SA .....	100% of the FA Class
SL .....	100% of the FL Class
SM .....	100% of the FM Class
GI .....	25% of the GA Class
SB .....	100% of the aggregate notional principal balance of the Group 6 Underlying REMIC Certificates
TA .....	28% of the notional principal balance of the Subgroup 6a Underlying REMIC Certificate
TB .....	40.9999988198% of the notional principal balance of the Subgroup 6c Underlying REMIC Certificate
TC .....	9.9999931444% of the notional principal balance of the Subgroup 6d Underlying REMIC Certificate
TD .....	54.9999871253% of the notional principal balance of the Subgroup 6e Underlying REMIC Certificate
TE .....	40% of the notional principal balance of the Subgroup 6f Underlying REMIC Certificate
SC .....	100% of the aggregate notional principal balance of the Group 7 Underlying REMIC Certificates
TG .....	9.9999957423% of the aggregate notional principal balance of the Subgroup 7b Underlying REMIC Certificates
TH .....	14.9999934116% of the notional principal balance of the Subgroup 7c Underlying REMIC Certificate
TJ .....	4.9999819604% of the notional principal balance of the Subgroup 7d Underlying REMIC Certificate
TK .....	44.9999938724% of the notional principal balance of the Subgroup 7e Underlying REMIC Certificate
LT .....	54.9999838011% of the notional principal balance of the Subgroup 7f Underlying REMIC Certificate
SD .....	100% of the aggregate notional principal balance of the Group 8 Underlying REMIC Certificates and the Subgroup 8e SMBS
MT .....	53.999996371% of the aggregate notional principal balance of the Subgroup 8a Underlying REMIC Certificates
TN .....	46.9999894538% of the notional principal balance of the Subgroup 8b Underlying REMIC Certificate
TQ .....	13.9999836333% of the notional principal balance of the Subgroup 8d Underlying REMIC Certificate
TS .....	58.9999817073% of the notional principal balance of the Subgroup 8e SMBS
TU .....	35.0000010702% of the notional principal balance of the Subgroup 8f Underlying REMIC Certificate
TW .....	23.9999911542% of the notional principal balance of the Subgroup 8g Underlying REMIC Certificate
MS .....	100% of the <i>sum</i> of FL and FM Classes
IB .....	100% of the <i>sum</i> of the notional principal balances of the TA, TB, TC, TD and TE Classes
IC .....	100% of the <i>sum</i> of the notional principal balances of the TG, TH, TJ, TK and LT Classes
ID .....	100% of the <i>sum</i> of the notional principal balances of the MT, TN, TQ, TS, TU and TW Classes

The notional principal balance of the IE Class will be calculated as described under “Description of the Certificates—Distribution of Interest—*The IE Class*,” in this prospectus supplement.

## Distributions of Principal

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

## Weighted Average Lives (years)\*

PSA Prepayment Assumption								
Group 1 Classes	0%	100%	150%	190%	192%	230%	400%	600%
AB, FA and SA . . . . .	19.9	10.2	8.2	7.0	6.9	6.0	3.7	2.5
NB, NI, NC, ND, NE and NA . . . .	14.9	6.2	5.0	5.0	5.0	5.0	3.1	2.1
AV . . . . .	6.0	6.0	6.0	6.0	6.0	6.0	5.5	4.3
AZ . . . . .	24.9	17.6	17.5	17.5	17.5	17.5	11.4	7.7
NZ . . . . .	27.9	21.1	17.3	10.1	9.7	2.0	0.6	0.4
ZN . . . . .	30.0	28.5	28.1	26.7	27.6	0.1	0.1	0.1
NY . . . . .	24.9	17.6	17.5	17.5	17.5	17.5	11.1	7.3
PSA Prepayment Assumption								
Group 2 Classes	0%	100%	200%	300%	400%	500%	600%	
FL and SL . . . . .	19.9	10.9	7.4	5.5	4.4	3.7	3.2	
FM and SM . . . . .	19.9	10.8	7.3	5.4	4.3	3.6	3.1	
TL, TM, FT and MS . . . . .	19.9	10.9	7.3	5.5	4.4	3.6	3.1	
PSA Prepayment Assumption								
Group 3 Classes	0%	100%	150%	200%	300%	400%	500%	
GA and GI . . . . .	19.6	10.8	8.7	7.3	5.5	4.4	3.7	
PSA Prepayment Assumption								
Group 4 Classes	0%	100%	110%	200%	300%	400%	500%	
KA . . . . .	16.1	6.4	6.1	4.1	3.1	2.5	2.1	
KV . . . . .	6.0	6.0	6.0	5.8	4.9	4.2	3.7	
VK . . . . .	16.0	14.3	13.9	10.1	7.7	6.1	5.1	
KZ . . . . .	27.8	21.6	21.0	16.4	12.6	10.1	8.3	
KB . . . . .	27.8	20.5	19.8	14.4	10.7	8.3	6.8	
PSA Prepayment Assumption								
Group 5 Classes	0%	100%	150%	300%	400%	500%	600%	
JA . . . . .	17.5	7.7	5.9	3.7	3.0	2.6	2.3	
JV . . . . .	6.0	6.0	6.0	5.6	4.9	4.4	3.9	
JZ . . . . .	28.5	22.7	19.3	12.7	10.2	8.4	7.2	
JB . . . . .	28.5	22.7	19.3	12.2	9.6	7.8	6.6	

<u>Group 6 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
SB .....	13.6	7.2	4.6	2.5	1.5	0.9	0.6	0.3
TA .....	12.2	7.2	4.6	2.5	1.5	0.9	0.6	0.3
TB .....	15.0	7.6	4.7	2.6	1.5	0.9	0.6	0.3
TC .....	13.9	7.3	4.6	2.5	1.5	0.9	0.6	0.3
TD .....	10.4	5.9	4.1	2.4	1.4	0.9	0.6	0.3
TE .....	15.0	7.7	4.7	2.6	1.5	0.9	0.6	0.3
IB .....	13.3	7.0	4.5	2.5	1.5	0.9	0.6	0.3

<u>Group 7 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
SC .....	13.7	7.2	4.5	2.5	1.4	0.9	0.5	0.3
TG .....	13.8	7.1	4.5	2.5	1.5	0.9	0.6	0.3
TH .....	13.8	7.3	4.6	2.5	1.5	0.9	0.6	0.3
TJ .....	12.9	7.9	4.8	2.6	1.5	0.9	0.6	0.3
TK .....	14.7	7.7	4.7	2.6	1.5	0.9	0.6	0.3
LT .....	14.5	7.7	4.7	2.6	1.5	0.9	0.6	0.3
IC .....	14.2	7.5	4.7	2.6	1.5	0.9	0.6	0.3

<u>Group 8 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
SD .....	13.7	7.0	4.3	2.4	1.4	0.9	0.5	0.3
MT .....	12.1	6.4	3.8	2.0	1.2	0.7	0.5	0.3
TN .....	11.9	6.8	4.4	2.5	1.5	0.9	0.6	0.3
TQ .....	12.9	7.9	4.8	2.6	1.5	0.9	0.6	0.3
TS .....	12.2	7.3	4.6	2.5	1.5	0.9	0.6	0.3
TU .....	12.6	7.8	4.8	2.6	1.5	0.9	0.6	0.3
TW .....	17.6	6.5	4.3	2.4	1.4	0.9	0.6	0.3
ID .....	12.9	6.8	4.2	2.3	1.4	0.9	0.5	0.3

<u>Group 9 Class</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
IE .....	18.7	7.1	4.5	2.5	1.5	0.9	0.6	0.3

<u>Group 10 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>
DA .....	14.8	5.7	3.7	2.8	2.3	2.0	1.6
VA .....	6.0	6.0	5.9	5.2	4.5	3.9	3.1
VB .....	16.0	13.1	8.6	6.2	4.9	4.1	3.1
ZD .....	27.2	20.5	15.3	11.7	9.3	7.7	5.6
DY .....	27.2	19.1	13.3	9.8	7.7	6.3	4.6
DV .....	11.3	9.8	7.3	5.7	4.7	4.0	3.1

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

## ADDITIONAL RISK FACTORS

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

*Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates.* On July 27, 2017, regulatory authorities in the United Kingdom announced their intention to stop persuading or compelling banks to submit LIBOR rates after 2021. In early 2018, ICE stated its intention to continue to administer and quote LIBOR after 2021, possibly employing an alternative methodology. Therefore, no assurance can be given that LIBOR on any date accurately represents the London inter-bank rate or the rate applicable to actual loans in U.S. dollars for the relevant period between leading European banks, or that the underlying methodology for LIBOR will not change. Efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee of the Federal Reserve Board and the Federal Reserve Bank of New York. At present, we are unable to predict the effect of any alternative reference rates that may be

established or any other reforms to LIBOR that may be adopted in the United Kingdom, in the U.S. or elsewhere. Uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the trading market for LIBOR-based securities, including certificates with interest rates that adjust based on LIBOR. Moreover, any future reform, replacement or disappearance of LIBOR may adversely affect the value of and return on the affected certificates.

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

*Payments on the Group 7 and Group 8 Classes will be affected by any applicable payment priorities governing the related underlying REMIC certificates.* If you invest in a Group 7 or Group 8 Class, the rate at which you receive payments will be affected by the applicable priority sequences governing notional principal balance reductions on the related underlying REMIC certificates.



In particular, as described in the related Underlying REMIC Disclosure Documents, notional principal balance reductions on the Class 2009-66-SH REMIC Certificate in Group 7 and the Class 2010-2-SJ REMIC Certificate in Group 8 are governed by principal balance schedules. As a result, those underlying REMIC certificates may receive notional principal balance reductions faster or slower than would otherwise have been the case. Prepayments on the related mortgage loans may have occurred at rates faster or slower than the rates initially assumed. In certain high prepayment scenarios, it is possible that the effect of a principal balance schedule on notional principal balance reductions over time may be eliminated. In such a case, the applicable underlying REMIC certificates may receive notional principal balance reductions at rates that vary widely from period to period. This prospectus supplement contains no information as to whether

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

You may obtain additional information about the underlying REMIC certificates by reviewing their current class factors in light

of other information available in the related Underlying REMIC Disclosure Documents. You may obtain those documents from us as described on page S-3.

*Varying rates of prepayments on the mortgage loans backing the underlying REMIC certificate and the SMBS in Group 9 will affect the yield on the IE Class.* Although the IE Class bears a fixed rate of interest, the notional principal balance of the IE Class will be recalculated each month as described in “Description of the Certificates—Distributions of Interest—*The IE Class*” in this prospectus supplement. As a result of this calculation, the notional principal balance of the IE Class is expected to vary due to changes in the notional principal balances of the Group 9 Underlying REMIC Certificate and the Group 9 SMBS, which in turn will be affected by varying rates of prepayment on the mortgage loans backing those certificates. Accordingly, if you purchase a certificate of the IE Class, varying rates of prepayment on the mortgage loans backing the Group 9 Underlying REMIC Certificate and the Group 9 SMBS may significantly affect your yield, even if the average rate is consistent with your expectations. In general, the earlier the change in the rate of prepayment, the greater the effect on your yield to maturity. As a result, if prepayment rates result in interest distributions during any period that are lower than you expect, interest distributions during a later period that are higher than you expect may not fully offset the effect of the earlier impact on your yield.

## 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 May 1, 2018 (the “Issue Date”). We will issue the Guaranteed REMIC Pass-Through Certificates (the “REMIC Certificates”) pursuant to that trust agreement and supplement. We will issue the Combinable and Recombinable REMIC Certificates (the “RCR Certificates” and, together with the REMIC Certificates, the “Certificates”) pursuant to a separate trust agreement



dated as of May 1, 2010 and a supplement thereto dated as of the Issue Date (together with the trust agreement and supplement relating to the REMIC Certificates, the “Trust Agreement”). We will execute the Trust Agreement in our corporate capacity and as trustee (the “Trustee”). In general, the term “Classes” includes the Classes of REMIC Certificates and RCR Certificates.

The assets of the Trust will include:

- six groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the “Group 1 MBS,” “Group 2 MBS,” “Group 3 MBS,” “Group 4 MBS,” “Group 5 MBS” and “Group 10 MBS,” and together, the “Trust MBS”),
- four groups of previously issued REMIC Certificates (the “Group 6 Underlying REMIC Certificates,” “Group 7 Underlying REMIC Certificates,” “Group 8 Underlying REMIC Certificates” and “Group 9 Underlying REMIC Certificate,” and together, the “Underlying REMIC Certificates”) issued from the related Fannie Mae REMIC trusts (the “Underlying REMIC Trusts”), as further described in Exhibit A, and
- one subgroup and one group of previously issued Fannie Mae Stripped Mortgage-Backed Securities (the “Subgroup 8e SMBS” and “Group 9 SMBS,” and together, the “SMBS”). The Subgroup 8e SMBS Certificate is further described on Exhibit A.

The SMBS represent beneficial ownership interests in certain interest distributions on mortgage loans underlying certain Fannie Mae Guaranteed Mortgage Pass-Through Certificates.

The Underlying REMIC Certificates evidence direct or indirect beneficial ownership interests in certain Fannie Mae Guaranteed Mortgage Pass-Through Certificates (together with the Trust MBS and the Fannie Mae Guaranteed Mortgage Pass-Through Certificates backing the SMBS, 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.”

<b>REMIC Designation</b>	<b>Assets</b>	<b>Regular Interests</b>	<b>Residual Interest</b>
Lower Tier REMIC . . . . .	Trust MBS, Underlying REMIC Certificates and SMBS	Interests in the Lower Tier REMIC other than the RL Class (the “Lower Tier Regular Interests”)	RL
Upper Tier REMIC . . . . .	Lower Tier Regular Interests	All Classes of REMIC Certificates other than the R and RL Classes	R

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

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

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

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

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

## **The Trust MBS**

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

In addition, the pools of mortgage loans backing the Group 10 MBS have been designated as pools that include “jumbo-conforming” or “high balance” mortgage loans as described further under “The Mortgage Loans—Mortgage Loans with Original Principal Balances Exceeding our Traditional Conforming Loan Limits” in the MBS Prospectus dated May 1, 2018. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at [www.fanniemae.com](http://www.fanniemae.com). For additional information about the particular pools underlying the Group 10 MBS, see the Final Data Statement for the Trust and the related prospectus supplement for each MBS. See also “Risk Factors—Risks Relating to Yield and Prepayment—*“Jumbo-conforming” mortgage loans, which have original principal balances that exceed our traditional conforming loan limits, may prepay at different rates than conforming balance mortgage loans generally*” in the MBS Prospectus dated June 1, 2016.

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

## **The Underlying REMIC Certificates**

The Underlying REMIC Certificates represent beneficial ownership interests in the related Underlying REMIC Trusts. The assets of those trusts consist of MBS (or beneficial ownership interests in MBS) having the general characteristics set forth in the MBS Prospectus. Each MBS evidences beneficial ownership interests in a pool of conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties, as described under “The Mortgage Loan Pools” and “Yield, Maturity and Prepayment Considerations” in the MBS Prospectus.

In addition, approximately 27% of the Mortgage Loans backing the Class 2007-15-AI REMIC Certificate in Group 8 (by principal balance at the Issue Date) are insured by the Federal Housing Administration or guaranteed by the U.S. Department of Veterans Affairs or the Rural Housing Service of the U.S. Department of Agriculture. These Mortgage Loans were delinquent for 90 days or more during the 12 months prior to the issue date of the related MBS, but were current as of that issue date.

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

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

### **The SMBS**

The general characteristics of the SMBS are described in the SMBS Prospectus and in the applicable SMBS Supplements. The SMBS provide that certain interest amounts on the Mortgage Loans underlying the related MBS are passed through monthly.

The general characteristics of the MBS are described in the MBS Prospectus. Each MBS evidences beneficial ownership interest in a pool of 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. See “The Mortgage Loan Pools” and “Yield, Maturity and Prepayment Considerations” in the MBS Prospectus.

Distributions on the Subgroup 8e SMBS will be passed through monthly, beginning in the month after we issue the Certificates. See Exhibit A for certain additional information about the Subgroup 8e SMBS. Exhibit A is provided in lieu of a Final Data Statement with respect to the Subgroup 8e SMBS. For further information about the Subgroup 8e SMBS, telephone us at 800-2FANNIE. Additional information about the Subgroup 8e SMBS is also available at <https://mbsdisclosure.fanniemae.com/PoolTalk2/index.html>.

For additional information about the Group 9 SMBS, see “Summary—Group 9 SMBS—Characteristics of the Group 9 SMBS” in this prospectus supplement.

### **Distributions of Interest**

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

The Floating Rate and Inverse Floating Rate Classes will bear interest at interest rates based on LIBOR. We currently establish LIBOR on the basis of the “ICE Method” as generally described under “Description of the Certificates—Distributions on Certificates—*Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes*” in the REMIC Prospectus. For a description of recent developments affecting LIBOR calculations, see “Risk Factors—Risks Relating to Yield and Prepayment—*Intercontinental Exchange Benchmark Administration is the new LIBOR administrator*” in the REMIC Prospectus and “Additional Risk Factors—*Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may*

*adversely affect the value of certain certificates*” in this prospectus supplement. If we determine that the methods for establishing LIBOR are no longer viable or that prevailing industry practices with respect to benchmark rates have transitioned, or are very likely to transition, away from the use of LIBOR, we may in our discretion designate an alternative method or, if appropriate, an alternative index for the determination of monthly interest rates on the Floating Rate and Inverse Floating Rate Classes. In making any such designation, we will take into account general comparability and other factors, including then-prevailing industry practices. Further, we may apply an adjustment factor to any designated alternative index as deemed appropriate to better achieve comparability to the current index and otherwise in keeping with industry-accepted practices. See “Additional Risk Factors—*The use of an alternative method or index in place of LIBOR for determining monthly interest rates may adversely affect the value of certain certificates*” in this prospectus supplement.

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

<u>Delay Classes</u>	<u>No-Delay Classes</u>
Fixed Rate Classes	Floating Rate and Inverse Floating Rate Classes and the IB, IC and ID Classes

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

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

*The IE Class.* On each Distribution Date, we will pay interest on the IE Class based on a notional principal balance equal to:

- the aggregate amount of interest then paid on the Group 9 Underlying REMIC Certificate and the Group 9 SMBS

*divided by*

- the product of
  - one-twelfth

*multiplied by*

- the fixed rate of interest borne by the IE Class as shown on the cover of this prospectus supplement.

*The IB Class.* On each Distribution Date, we will pay interest on the IB Class at an annual rate equal to the *product* of

- a fraction, expressed as a percentage, the numerator of which is the aggregate amount of interest accrued during the related Interest Accrual Period on the Certificates of the TA, TB, TC, TD and TE Classes that were exchanged for the Certificates of the IB Class, and the denominator of which is the aggregate notional principal balance of the related Certificates of the IB Class immediately preceding that Distribution Date,

*multiplied by*

- 12.

On the initial Distribution Date, we expect to pay interest on the IB Class at an annual rate of approximately 1.000%.

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

*The IC Class.* On each Distribution Date, we will pay interest on the IC Class at an annual rate equal to the *product* of

- a fraction, expressed as a percentage, the numerator of which is the aggregate amount of interest accrued during the related Interest Accrual Period on the Certificates of the TG, TJ, TK, LT and TH Classes that were exchanged for the Certificates of the IC Class, and the denominator of which is the aggregate notional principal balance of the related Certificates of the IC Class immediately preceding that Distribution Date,

*multiplied by*

- 12.

On the initial Distribution Date, we expect to pay interest on the IC Class at an annual rate of approximately 1.000%.

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

*The ID Class.* On each Distribution Date, we will pay interest on the ID Class at an annual rate equal to the *product* of

- a fraction, expressed as a percentage, the numerator of which is the aggregate amount of interest accrued during the related Interest Accrual Period on the Certificates of the MT, TN, TQ, TS, TU and TW Classes that were exchanged for the Certificates of the ID Class, and the denominator of which is the aggregate notional principal balance of the related Certificates of the ID Class immediately preceding that Distribution Date,

*multiplied by*

- 12.

On the initial Distribution Date, we expect to pay interest on the ID Class at an annual rate of approximately 1.000%.

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

### **Distributions of Principal**

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

- *Group 1*

The AZ Accrual Amount to AV until retired, and thereafter to AZ.

} Accretion  
Directed  
Class and  
Accrual Class



The NZ Accrual Amount and the ZN Accrual Amount in the following priority:

- |   |                 |   |
|---|-----------------|---|
| 1. To the Aggregate Group to its Planned Balance. | } PAC Group     | } Accretion<br>Directed<br>Group and<br>Class |
| 2. To NZ to its Targeted Balance.                 | } TAC Class     |   |
| 3. To ZN until retired.                           | } Support Class | } Accretion<br>Directed/<br>Accrual Class     |
| 4. Thereafter to NZ.                              |                 | } Accrual Class                               |

The Group 1 Cash Flow Distribution Amount as follows:

- |   |                         |
|---|-------------------------|
| — 34.6087647808% to AB until retired,                         | } Pass-Through<br>Class |
| — 31.5477294697% as follows:                                  |                         |
| <i>first</i> , to the Aggregate Group to its Planned Balance; | } PAC Group             |
| <i>second</i> , to NZ to its Targeted Balance;                | } TAC Class             |
| <i>third</i> , to ZN until retired;                           | } Support Class         |
| <i>fourth</i> , to NZ until retired; and                      | } TAC Class             |
| <i>fifth</i> , to the Aggregate Group to zero, and            | } PAC Group             |
| — 33.8435057495% to FA until retired.                         | } Pass-Through<br>Class |

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

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

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

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

The “Aggregate Group” consists of the NB, AV and AZ Classes. On each Distribution Date, we will apply payments of principal of the Aggregate Group to NB, AV and AZ, in that order, until retired.

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

• *Group 2*

- |  |                           |
|--|---------------------------|
| 38.4615384616% of the Subgroup 2a Principal Distribution Amount to FL until retired.   | } Pass-Through<br>Classes |
| 38.4615384616% of the Subgroup 2b Principal Distribution Amount to FM until retired.   |                           |
| 30.7692307692% of the Subgroup 2a Principal Distribution Amount and Subgroup 2b Principal Distribution Amount to TL until retired. |                           |
| 30.7692307692% of the Subgroup 2a Principal Distribution Amount and Subgroup 2b Principal Distribution Amount to TM until retired. |                           |

The “Subgroup 2a Principal Distribution Amount” is the principal then paid on the Subgroup 2a MBS.

The “Subgroup 2b Principal Distribution Amount” is the principal then paid on the Subgroup 2b MBS.

- *Group 3*

The Group 3 Principal Distribution Amount to GA until retired. } Pass-Through Class

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

- *Group 4*

The KZ Accrual Amount to KV and VK, in that order, until retired, and thereafter to KZ. } Accretion Directed Classes and Accrual Class

The Group 4 Cash Flow Distribution Amount to KA, KV, VK and KZ, in that order, until retired. } Sequential Pay Classes

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

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

- *Group 5*

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

The Group 5 Cash Flow Distribution Amount to JA, JV and JZ, in that order, until retired. } Sequential Pay Classes

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

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

- *Group 10*

The ZD Accrual Amount to VA and VB, in that order, until retired, and thereafter to ZD. } Accretion Directed Classes and Accrual Class

The Group 10 Cash Flow Distribution Amount to DA, VB, VA and ZD, in that order, until retired. } Sequential Pay Classes

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

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

## Structuring Assumptions

*Pricing Assumptions.* Except where otherwise noted, the information in the tables in this prospectus supplement has been prepared based on the actual characteristics of each pool of Mortgage Loans backing the Underlying REMIC Certificates and the Subgroup 8e SMBS, any applicable priority sequences governing notional principal balance reductions on the Underlying



REMIC Certificates, and the following assumptions (such characteristics and assumptions, collectively, the “Pricing Assumptions”):

- the Mortgage Loans underlying the Trust MBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under “Summary—Group 1, Group 2, Group 3, Group 4, Group 5 and Group 10 MBS—Assumed Characteristics of the Underlying Mortgage Loans” in this prospectus supplement;
- the Mortgage Loans underlying the Group 9 SMBS have the original terms to maturity, remaining terms to maturity, loan ages and interest rates specified under “Summary—Group 9 SMBS—Assumed Characteristics of the Underlying Mortgage Loans” in this prospectus supplement;
- the Mortgage Loans prepay at the constant percentages of PSA specified in the related tables;
- the settlement date for the Certificates is May 31, 2018; and
- each Distribution Date occurs on the 25th day of a month.

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the Trust MBS and the SMBS 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 “Structuring Range” or at the “Structuring Speed,” as applicable, specified in the chart below. The “Effective Range” for the Aggregate Group is the range of prepayment rates (measured by *constant* PSA rates) that would reduce the Aggregate Group to its scheduled balance each month based on the Pricing Assumptions. We have not provided separate schedules for the individual Classes included in the Aggregate Group. 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 Aggregate Group schedule). If such separate schedules had been provided for the individual Classes included in the Aggregate Group, we expect that the effective ranges for those Classes would not be narrower than that shown below for the Aggregate Group.

<u>Group and Class</u>	<u>Structuring Range and Speed</u>	<u>Initial Effective Range</u>
Aggregate Group Planned Balances	Between 150% and 230% PSA	Between 150% and 230% PSA
NZ Class Targeted Balances	(1)	N/A

(1) The Targeted Balances for the NZ Class have been structured at 192% PSA, but do not hold at any *constant* PSA speed.

The Aggregate Group consists of the NB, AV and AZ Classes.

See “—Decrement Tables” below for the percentages of original principal balances of the individual Classes included in the Aggregate Group that would be outstanding at various *constant* PSA rates, including the upper and lower bands of the Structuring Range, based on the Pricing Assumptions.

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

If you are considering the purchase of a PAC or TAC 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 Group or the NZ Class to its scheduled balance in any month. As a result, the likelihood of reducing the Aggregate Group or the NZ Class to its scheduled balance each month will not be improved by the averaging of high and low principal distributions from month to month.
- Even if the related Mortgage Loans prepay at rates falling within the Structuring Range or Effective Range, principal distributions may be insufficient to reduce the Aggregate Group to its scheduled balance each month if prepayments do not occur at a *constant* PSA rate.
- The actual Effective Range 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 Range will likely differ from the Initial Effective Range specified above. For the same reason, the Aggregate Group might not be reduced to its scheduled balance each month even if the related Mortgage Loans prepay at a *constant* PSA rate within the Initial Effective Range. This is so particularly if the rate falls at the lower or higher end of the range.
- The actual Effective Range may narrow, widen or shift upward or downward to reflect actual prepayment experience over time.
- The principal payment stability of an 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 and Additional Yield Considerations**

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

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

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

We cannot assure you that

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

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

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

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

<u>Class</u>	<u>% PSA</u>
NI .....	296%
GI .....	254%
IE .....	320%

**For any Fixed Rate Interest Only Class, if the actual prepayment rate of the related Mortgage Loans were to exceed the level specified for as little as one month while equaling that level for the remaining months, the investors in the applicable Class would lose money on their initial investments.**

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

<u>Class</u>	<u>Price*</u>
NI .....	18.140625%
GI .....	24.453125%
IE .....	20.750000%

\* 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 NI Class to Prepayments**

	PSA Prepayment Assumption							
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>190%</u>	<u>192%</u>	<u>230%</u>	<u>400%</u>	<u>600%</u>
Pre-Tax Yields to Maturity . . . . .	16.6%	11.1%	5.8%	5.8%	5.8%	5.8%	(11.1)%	(34.8)%

#### **Sensitivity of the GI Class to Prepayments**

	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>
Pre-Tax Yields to Maturity .....	11.2%	8.5%	5.8%	3.0%	(2.6)%	(8.4)%	(14.3)%

## Sensitivity of the IE Class to Prepayments

	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
Pre-Tax Yields to Maturity . . . . .	18.7%	15.4%	5.0%	(13.6)%	(38.8)%	(69.1)%	*	*

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

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

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

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

Class	Price*
SA . . . . .	14.890625%
SL . . . . .	19.140625%
SM . . . . .	18.671875%
SB . . . . .	12.500000%
TA . . . . .	3.500000%
TB . . . . .	3.500000%
TC . . . . .	3.500000%
TD . . . . .	3.500000%
TE . . . . .	3.500000%
SC . . . . .	11.125000%
TG . . . . .	3.500000%
TH . . . . .	3.500000%
TJ . . . . .	3.500000%
TK . . . . .	3.500000%
LT . . . . .	3.500000%
SD . . . . .	10.937500%
MT . . . . .	3.500000%
TN . . . . .	3.500000%
TQ . . . . .	3.500000%
TS . . . . .	3.500000%
TU . . . . .	3.500000%
TW . . . . .	3.500000%
MS . . . . .	18.890625%

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

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

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

<b>LIBOR</b>	<b>PSA Prepayment Assumption</b>							
	<b>50%</b>	<b>100%</b>	<b>150%</b>	<b>190%</b>	<b>192%</b>	<b>230%</b>	<b>400%</b>	<b>600%</b>
0.94847% .....	32.4%	29.2%	26.0%	23.4%	23.3%	20.8%	9.2%	(5.3)%
1.89695% .....	25.2%	22.1%	18.9%	16.3%	16.2%	13.7%	2.3%	(12.1)%
3.89695% .....	10.1%	7.1%	4.0%	1.4%	1.3%	(1.1)%	(12.3)%	(26.5)%
5.89695% .....	(10.6)%	(13.5)%	(16.4)%	(18.8)%	(18.9)%	(21.2)%	(31.7)%	(45.2)%
6.20000% .....	*	*	*	*	*	*	*	*

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

<b>LIBOR</b>	<b>PSA Prepayment Assumption</b>						
	<b>50%</b>	<b>100%</b>	<b>200%</b>	<b>300%</b>	<b>400%</b>	<b>500%</b>	<b>600%</b>
0.94853% .....	24.2%	21.6%	16.4%	11.1%	5.6%	0.1%	(5.5)%
1.89707% .....	18.6%	16.0%	10.6%	5.2%	(0.4)%	(6.1)%	(11.9)%
3.89707% .....	6.5%	3.8%	(1.8)%	(7.5)%	(13.4)%	(19.5)%	(25.7)%
5.89707% .....	(11.5)%	(14.2)%	(19.8)%	(25.6)%	(31.6)%	(37.8)%	(44.4)%
6.20000% .....	*	*	*	*	*	*	*

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

<b>LIBOR</b>	<b>PSA Prepayment Assumption</b>						
	<b>50%</b>	<b>100%</b>	<b>200%</b>	<b>300%</b>	<b>400%</b>	<b>500%</b>	<b>600%</b>
0.94853% .....	24.9%	22.3%	16.9%	11.5%	6.0%	0.3%	(5.5)%
1.89707% .....	19.2%	16.5%	11.1%	5.5%	(0.1)%	(5.9)%	(11.9)%
3.89707% .....	6.8%	4.1%	(1.6)%	(7.4)%	(13.3)%	(19.5)%	(25.8)%
5.89707% .....	(11.4)%	(14.1)%	(19.8)%	(25.6)%	(31.6)%	(37.9)%	(44.5)%
6.20000% .....	*	*	*	*	*	*	*

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

<b>LIBOR</b>	<b>PSA Prepayment Assumption</b>							
	<b>50%</b>	<b>100%</b>	<b>250%</b>	<b>500%</b>	<b>800%</b>	<b>1100%</b>	<b>1400%</b>	<b>1600%</b>
0.94855% .....	36.5%	32.9%	21.8%	1.9%	(25.2)%	(57.8)%	*	*
1.89711% .....	27.8%	24.3%	13.6%	(5.7)%	(31.9)%	(63.4)%	*	*
3.89711% .....	8.8%	5.6%	(4.3)%	(22.2)%	(46.4)%	(75.6)%	*	*
5.89711% .....	(20.5)%	(23.3)%	(31.9)%	(47.4)%	(68.4)%	(96.4)%	*	*
6.15000% .....	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
6.15% and below . . . . .	21.4%	18.0%	7.5%	(11.3)%	(36.8)%	(68.0)%	*	*
6.25% . . . . .	9.1%	5.9%	(4.1)%	(21.9)%	(46.2)%	(76.6)%	*	*
6.35% . . . . .	(5.6)%	(8.6)%	(17.9)%	(34.5)%	(57.7)%	(88.1)%	*	*
6.43% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
6.15% and below . . . . .	22.1%	18.7%	8.2%	(10.7)%	(36.3)%	(67.4)%	*	*
6.25% . . . . .	13.9%	10.6%	0.5%	(17.8)%	(42.5)%	(72.9)%	*	*
6.35% . . . . .	5.2%	2.1%	(7.7)%	(25.3)%	(49.2)%	(79.1)%	*	*
6.56% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
6.15% and below . . . . .	21.6%	18.2%	7.7%	(11.1)%	(36.7)%	(68.0)%	*	*
6.20% . . . . .	4.1%	1.0%	(8.8)%	(26.2)%	(50.2)%	(80.6)%	*	*
6.25% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
6.15% and below . . . . .	18.2%	14.9%	4.6%	(13.9)%	(39.1)%	(69.4)%	*	*
6.30% . . . . .	8.5%	5.3%	(4.6)%	(22.3)%	(46.5)%	(75.8)%	*	*
6.50% . . . . .	(6.7)%	(9.7)%	(18.9)%	(35.4)%	(57.9)%	(86.0)%	*	*
6.70% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
6.15% and below . . . . .	22.2%	18.9%	8.3%	(10.5)%	(36.2)%	(67.4)%	*	*
6.25% . . . . .	13.9%	10.6%	0.5%	(17.8)%	(42.6)%	(73.1)%	*	*
6.40% . . . . .	0.0%	(3.0)%	(12.6)%	(29.8)%	(53.3)%	(83.4)%	*	*
6.55% . . . . .	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
0.94855% .....	41.6%	37.9%	26.3%	5.3%	(23.1)%	(56.7)%	*	*
1.89711% .....	31.8%	28.2%	17.0%	(3.3)%	(30.6)%	(62.8)%	*	*
3.89711% .....	10.7%	7.4%	(3.0)%	(21.6)%	(46.3)%	(75.9)%	*	*
5.89711% .....	(23.6)%	(26.4)%	(35.2)%	(50.5)%	(71.4)%	(99.8)%	*	*
6.05000% .....	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
6.05% and below .....	21.2%	17.9%	7.4%	(11.4)%	(36.9)%	(68.0)%	*	*
6.10% .....	3.6%	0.5%	(9.2)%	(26.6)%	(50.4)%	(80.3)%	*	*
6.15% .....	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
6.05% and below .....	21.5%	18.1%	7.6%	(11.2)%	(36.8)%	(68.0)%	*	*
6.10% .....	10.2%	6.9%	(3.1)%	(21.0)%	(45.5)%	(76.0)%	*	*
6.15% .....	(3.0)%	(6.0)%	(15.4)%	(32.3)%	(55.8)%	(86.3)%	*	*
6.20% .....	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
6.05% and below .....	22.5%	19.1%	8.6%	(10.3)%	(36.1)%	(67.8)%	*	*
6.08% .....	1.6%	(1.5)%	(11.2)%	(28.5)%	(52.9)%	(84.3)%	*	*
6.10% .....	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
6.05% and below .....	22.3%	18.9%	8.4%	(10.5)%	(36.2)%	(67.3)%	*	*
6.25% .....	7.1%	4.0%	(5.9)%	(23.6)%	(47.8)%	(78.0)%	*	*
6.35% .....	(1.7)%	(4.8)%	(14.2)%	(31.3)%	(54.7)%	(84.8)%	*	*
6.45% .....	(14.6)%	(17.5)%	(26.4)%	(42.4)%	(65.5)%	(96.9)%	*	*



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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
6.05% and below . . . . .	22.2%	18.8%	8.3%	(10.6)%	(36.3)%	(67.7)%	*	*
6.25% . . . . .	9.9%	6.7%	(3.3)%	(21.2)%	(45.8)%	(76.5)%	*	*
6.45% . . . . .	(4.7)%	(7.7)%	(17.0)%	(33.8)%	(57.6)%	(88.8)%	*	*
6.60% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
0.94855% .....	40.5%	36.6%	24.5%	3.3%	(24.7)%	(57.7)%	*	*
1.89711% .....	30.4%	26.7%	15.1%	(5.2)%	(32.0)%	(63.7)%	*	*
3.89711% .....	8.8%	5.4%	(5.0)%	(23.2)%	(47.5)%	(76.8)%	*	*
4.89711% .....	(3.8)%	(7.1)%	(16.8)%	(33.7)%	(56.6)%	(84.9)%	*	*
5.91000% .....	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
5.91% and below . . . . .	20.0%	15.7%	2.4%	(18.8)%	(44.8)%	(75.5)%	*	*
6.00% . . . . .	14.4%	10.2%	(2.6)%	(22.9)%	(48.1)%	(78.4)%	*	*
6.25% . . . . .	(2.9)%	(6.8)%	(17.7)%	(35.4)%	(58.5)%	(88.3)%	*	*
6.45% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
5.91% and below . . . . .	20.4%	17.0%	6.6%	(12.1)%	(37.6)%	(68.4)%	*	*
6.00% . . . . .	13.9%	10.6%	0.4%	(17.8)%	(42.5)%	(72.7)%	*	*
6.15% . . . . .	2.3%	(0.9)%	(10.5)%	(27.8)%	(51.4)%	(80.9)%	*	*
6.38% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
5.91% and below . . . . .	22.6%	19.2%	8.7%	(10.3)%	(36.0)%	(67.5)%	*	*
6.00% . . . . .	(0.2)%	(3.3)%	(12.9)%	(30.0)%	(54.0)%	(85.0)%	*	*
6.05% . . . . .	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
5.91% and below . . . . .	21.7%	18.3%	7.8%	(11.0)%	(36.6)%	(67.6)%	*	*
6.00% . . . . .	16.6%	13.3%	3.0%	(15.4)%	(40.5)%	(71.0)%	*	*
6.25% . . . . .	1.1%	(2.0)%	(11.6)%	(28.8)%	(52.3)%	(81.9)%	*	*
6.50% . . . . .	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption							
	50%	100%	250%	500%	800%	1100%	1400%	1600%
5.91% and below . . . . .	22.5%	19.1%	8.6%	(10.3)%	(36.0)%	(67.3)%	*	*
6.00% . . . . .	13.9%	10.6%	0.5%	(17.8)%	(42.6)%	(73.3)%	*	*
6.15% . . . . .	(2.4)%	(5.4)%	(14.9)%	(31.8)%	(55.4)%	(86.0)%	*	*
6.26% . . . . .	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>250%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>	<u>1400%</u>	<u>1600%</u>
5.91% and below . . . . .	19.5%	16.1%	5.7%	(12.9)%	(38.2)%	(69.0)%	*	*
6.00% . . . . .	6.6%	3.4%	(6.4)%	(24.1)%	(48.1)%	(77.9)%	*	*
6.10% . . . . .	(11.4)%	(14.3)%	(23.4)%	(39.6)%	(62.3)%	(92.3)%	*	*
6.15% . . . . .	*	*	*	*	*	*	*	*

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>600%</u>
0.94853% . . . . .	24.5%	21.9%	16.7%	11.3%	5.8%	0.2%	(5.5)%
1.89707% . . . . .	18.9%	16.2%	10.9%	5.4%	(0.3)%	(6.0)%	(11.9)%
3.89707% . . . . .	6.7%	3.9%	(1.7)%	(7.5)%	(13.4)%	(19.5)%	(25.8)%
5.89707% . . . . .	(11.4)%	(14.2)%	(19.8)%	(25.6)%	(31.6)%	(37.9)%	(44.4)%
6.20000% . . . . .	*	*	*	*	*	*	*

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

## **Weighted Average Lives of the Certificates**

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

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

- the timing of changes in the rate of principal distributions,
- the priority sequences of distributions of principal of the Group 1, Group 4, Group 5 and Group 10 Classes, and
- in the case of the Group 7 and Group 8 Classes, the applicable priority sequences governing notional principal balance reductions on the related Underlying REMIC Certificates.

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

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

## **Decrement Tables**

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

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

<u>Mortgage Loans Backing Trust Assets Specified Below</u>	<u>Original Terms to Maturity</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
Group 1 MBS	360 months	360 months	7.00%
Group 2 MBS	360 months	360 months	7.00%
Group 3 MBS	360 months	360 months	6.50%
Group 4 MBS	360 months	360 months	6.50%
Group 5 MBS	360 months	360 months	7.00%
Group 6 Underlying REMIC Certificates	360 months	(1)	8.50%
Group 7 Underlying REMIC Certificates	360 months	(2)	8.50%
Group 8 Underlying REMIC Certificates	360 months	(3)	9.00%
Subgroup 8e SMBS	360 months	229 months	9.00%
Group 9 Underlying REMIC Certificate	360 months	(4)	(4)
Group 9 SMBS	360 months	360 months	(5)
Group 10 MBS	360 months	360 months	6.00%

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

<u>Class</u>	<u>Remaining Terms to Maturity</u>
2007-89-SA	231 months
2009-80-SD	256 months
2011-55-SJ	276 months
2009-110-SH	259 months
2005-38-S	203 months
2011-49-KS	276 months

- (2) The Mortgage Loans backing the Group 7 Underlying REMIC Certificates specified below are assumed to have the following remaining terms to maturity:

<u>Class</u>	<u>Remaining Terms to Maturity</u>
2009-66-SH	255 months
2009-97-SA	257 months
2009-89-SE	257 months
2009-91-S	255 months
2009-97-SD	257 months
2008-64-CI	242 months
2010-153-SI	271 months
2010-117-SE	268 months

- (3) The Mortgage Loans backing the Group 8 Underlying REMIC Certificates specified below are assumed to have the following remaining terms to maturity:

<u>Class</u>	<u>Remaining Terms to Maturity</u>
2007-100-SL	232 months
2010-2-SJ	260 months
2007-15-AI	225 months
2011-16-SA	273 months
2008-46-MI	240 months
2008-1-DI	236 months
2014-29-SA	311 months

- (4) The Group 9 Underlying REMIC Certificate is backed by the Class 379-2 SMBS Certificate and by the Class 2009-42-AB and WA REMIC Certificates.

The Class 379-2 SMBS Certificate is assumed to have a remaining term to maturity of 227 months and an interest rate of 8.00%.

The Class 2009-42-AB REMIC Certificate is backed by the Fannie Mae REMIC and RCR Certificates and Fannie Mae SMBS Certificates listed below. The Mortgage Loans backing those certificates are assumed to have the following remaining terms to maturity and interest rates:

<u>Class</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
2007-50-UO	228 months	8.50%
2007-71-OM	229 months	8.50%
334-1	177 months	8.00%
359-13	205 months	8.00%

The Class 2009-42-WA REMIC Certificate is backed by the Fannie Mae REMIC and RCR Certificates and Fannie Mae SMBS Certificates listed below. The Mortgage Loans backing those certificates are assumed to have the following remaining terms to maturity and interest rates:

<u>Class</u>	<u>Remaining Terms to Maturity</u>	<u>Interest Rates</u>
2007-50-UO	228 months	8.50%
2008-91-XI	222 months	8.00%
356-15	199 months	8.00%
379-1	227 months	8.00%

- (5) The Mortgage Loans backing the Group 9 SMBS listed below are assumed to have the following interest rates:

<u>Class</u>	<u>Interest Rates</u>
378-5	7.50%
383-17	8.00%
383-29	8.50%
383-4	8.00%
384-14	8.00%
384-5	7.50%
386-12	9.00%
386-7	8.50%
386-8	8.50%
394-5	8.50%

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

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

## Percent of Original Principal Balances Outstanding

Date	AB, FA and SA† Classes								NB, NI†, NC, ND, NE and NA Classes							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	150%	190%	192%	230%	400%	600%	0%	100%	150%	190%	192%	230%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	94	92	91	91	89	82	74	98	92	90	90	90	90	90	81
May 2020	98	87	83	79	79	76	62	47	96	83	77	77	77	77	65	46
May 2021	97	80	74	69	69	64	46	30	94	73	65	65	65	65	45	24
May 2022	95	74	66	60	59	54	34	19	92	65	54	54	54	54	30	10
May 2023	94	68	59	52	52	46	26	12	89	56	44	44	44	44	19	1
May 2024	93	63	52	45	45	38	19	7	87	49	35	35	35	35	10	0
May 2025	91	57	46	39	38	32	14	5	84	41	27	27	27	27	4	0
May 2026	89	53	41	33	33	27	10	3	81	34	21	21	21	21	0	0
May 2027	88	48	36	29	28	23	8	2	78	28	15	15	15	15	0	0
May 2028	86	44	32	25	24	19	6	1	75	21	10	10	10	10	0	0
May 2029	84	40	28	21	21	16	4	1	72	15	6	6	6	6	0	0
May 2030	82	36	25	18	18	13	3	*	68	10	3	3	3	3	0	0
May 2031	79	33	22	15	15	11	2	*	64	4	0	0	0	0	0	0
May 2032	77	29	19	13	13	9	2	*	60	0	0	0	0	0	0	0
May 2033	74	26	16	11	11	7	1	*	55	0	0	0	0	0	0	0
May 2034	71	23	14	9	9	6	1	*	51	0	0	0	0	0	0	0
May 2035	68	21	12	8	8	5	1	*	46	0	0	0	0	0	0	0
May 2036	65	18	10	6	6	4	*	*	40	0	0	0	0	0	0	0
May 2037	61	16	9	5	5	3	*	*	35	0	0	0	0	0	0	0
May 2038	57	14	7	4	4	2	*	*	28	0	0	0	0	0	0	0
May 2039	53	12	6	3	3	2	*	*	22	0	0	0	0	0	0	0
May 2040	49	10	5	3	3	1	*	*	15	0	0	0	0	0	0	0
May 2041	44	8	4	2	2	1	*	*	8	0	0	0	0	0	0	0
May 2042	39	6	3	2	2	1	*	*	0	0	0	0	0	0	0	0
May 2043	34	5	2	1	1	1	*	*	0	0	0	0	0	0	0	0
May 2044	28	3	1	1	1	*	*	*	0	0	0	0	0	0	0	0
May 2045	22	2	1	*	*	*	*	*	0	0	0	0	0	0	0	0
May 2046	15	1	*	*	*	*	*	*	0	0	0	0	0	0	0	0
May 2047	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	19.9	10.2	8.2	7.0	6.9	6.0	3.7	2.5	14.9	6.2	5.0	5.0	5.0	5.0	3.1	2.1

Date	AV Class								AZ Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	150%	190%	192%	230%	400%	600%	0%	100%	150%	190%	192%	230%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	93	93	93	93	93	93	93	93	104	104	104	104	104	104	104	104
May 2020	85	85	85	85	85	85	85	85	108	108	108	108	108	108	108	108
May 2021	77	77	77	77	77	77	77	77	113	113	113	113	113	113	113	113
May 2022	69	69	69	69	69	69	69	69	117	117	117	117	117	117	117	117
May 2023	60	60	60	60	60	60	60	60	122	122	122	122	122	122	122	122
May 2024	51	51	51	51	51	51	51	0	127	127	127	127	127	127	127	103
May 2025	42	42	42	42	42	42	42	0	132	132	132	132	132	132	132	64
May 2026	33	33	33	33	33	33	18	0	138	138	138	138	138	138	138	40
May 2027	23	23	23	23	23	23	0	0	143	143	143	143	143	143	109	25
May 2028	12	12	12	12	12	12	0	0	149	149	149	149	149	149	80	15
May 2029	1	1	1	1	1	1	0	0	155	155	155	155	155	155	59	10
May 2030	0	0	0	0	0	0	0	0	156	156	156	156	156	156	43	6
May 2031	0	0	0	0	0	0	0	0	156	156	155	155	155	155	32	4
May 2032	0	0	0	0	0	0	0	0	156	147	128	128	128	128	23	2
May 2033	0	0	0	0	0	0	0	0	156	105	105	105	105	105	17	1
May 2034	0	0	0	0	0	0	0	0	156	86	86	86	86	86	12	1
May 2035	0	0	0	0	0	0	0	0	156	69	69	69	69	69	9	*
May 2036	0	0	0	0	0	0	0	0	156	56	56	56	56	56	6	*
May 2037	0	0	0	0	0	0	0	0	156	45	45	45	45	45	4	*
May 2038	0	0	0	0	0	0	0	0	156	35	35	35	35	35	3	*
May 2039	0	0	0	0	0	0	0	0	156	28	28	28	28	28	2	*
May 2040	0	0	0	0	0	0	0	0	156	21	21	21	21	21	1	*
May 2041	0	0	0	0	0	0	0	0	156	16	16	16	16	16	1	*
May 2042	0	0	0	0	0	0	0	0	154	12	12	12	12	12	1	*
May 2043	0	0	0	0	0	0	0	0	60	8	8	8	8	8	*	*
May 2044	0	0	0	0	0	0	0	0	5	5	5	5	5	5	*	*
May 2045	0	0	0	0	0	0	0	0	3	3	3	3	3	3	*	*
May 2046	0	0	0	0	0	0	0	0	1	1	1	1	1	1	*	*
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	6.0	6.0	6.0	6.0	6.0	6.0	5.5	4.3	24.9	17.6	17.5	17.5	17.5	17.5	11.4	7.7

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

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

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

Date	NZ Class								ZN Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	150%	190%	192%	230%	400%	600%	0%	100%	150%	190%	192%	230%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	89	88	75	11	0	104	104	104	104	100	0	0	0
May 2020	108	108	108	75	73	44	0	0	108	108	108	108	100	0	0	0
May 2021	113	113	113	65	63	22	0	0	113	113	113	113	100	0	0	0
May 2022	117	117	117	60	58	8	0	0	117	117	117	117	100	0	0	0
May 2023	122	122	122	58	55	2	0	0	122	122	122	122	100	0	0	0
May 2024	127	127	127	58	56	*	0	0	127	127	127	127	103	0	0	0
May 2025	132	132	129	59	56	*	0	0	132	132	132	132	107	0	0	0
May 2026	138	138	128	57	54	*	0	0	138	138	138	138	112	0	0	0
May 2027	143	143	125	55	52	*	0	0	143	143	143	143	116	0	0	0
May 2028	149	149	120	52	49	*	0	0	149	149	149	149	121	0	0	0
May 2029	155	155	113	48	46	*	0	0	155	155	155	155	126	0	0	0
May 2030	161	161	106	44	42	*	0	0	161	161	161	161	131	0	0	0
May 2031	168	168	98	40	38	*	0	0	168	168	168	168	136	0	0	0
May 2032	175	175	89	36	34	*	0	0	175	175	175	175	142	0	0	0
May 2033	182	174	81	32	30	*	0	0	182	182	182	182	148	0	0	0
May 2034	189	160	72	27	26	*	0	0	189	189	189	189	154	0	0	0
May 2035	197	145	64	24	23	*	0	0	197	197	197	197	160	0	0	0
May 2036	205	130	56	20	19	*	0	0	205	205	205	205	164	0	0	0
May 2037	214	116	48	17	16	*	0	0	214	214	214	214	164	0	0	0
May 2038	222	101	41	13	13	*	0	0	222	222	222	222	164	0	0	0
May 2039	231	87	34	11	11	*	0	0	231	231	231	224	164	0	0	0
May 2040	241	74	28	8	8	*	0	0	241	241	241	214	164	0	0	0
May 2041	251	60	22	6	6	*	0	0	251	251	251	204	164	0	0	0
May 2042	261	48	16	4	4	*	0	0	261	261	261	195	164	0	0	0
May 2043	271	35	11	2	2	*	0	0	271	271	271	187	164	0	0	0
May 2044	253	24	6	1	1	*	0	0	282	282	282	180	164	0	0	0
May 2045	196	13	2	0	0	*	0	0	294	294	294	138	129	0	0	0
May 2046	134	2	0	0	0	*	0	0	306	306	157	52	48	0	0	0
May 2047	67	0	0	0	0	0	0	0	318	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	27.9	21.1	17.3	10.1	9.7	2.0	0.6	0.4	30.0	28.5	28.1	26.7	27.6	0.1	0.1	0.1

Date	NY Class								FL and SL† Classes							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	150%	190%	192%	230%	400%	600%	0%	100%	200%	300%	400%	500%	600%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
May 2019	100	100	100	100	100	100	100	100	99	97	95	93	92	90	88	
May 2020	100	100	100	100	100	100	100	100	98	91	86	81	75	70	65	
May 2021	100	100	100	100	100	100	100	100	97	84	74	65	57	49	42	
May 2022	100	100	100	100	100	100	100	100	95	78	64	52	42	33	26	
May 2023	100	100	100	100	100	100	100	100	94	72	55	42	31	23	16	
May 2024	100	100	100	100	100	100	100	66	93	66	48	34	23	16	10	
May 2025	100	100	100	100	100	100	100	41	91	61	41	27	17	11	6	
May 2026	100	100	100	100	100	100	95	26	89	56	35	22	13	7	4	
May 2027	100	100	100	100	100	100	70	16	88	51	30	17	10	5	2	
May 2028	100	100	100	100	100	100	52	10	86	46	26	14	7	3	2	
May 2029	100	100	100	100	100	100	38	6	84	42	22	11	5	2	1	
May 2030	100	100	100	100	100	100	28	4	82	38	19	9	4	2	1	
May 2031	100	100	99	99	99	99	20	2	79	35	16	7	3	1	*	
May 2032	100	94	82	82	82	82	15	1	77	31	13	5	2	1	*	
May 2033	100	67	67	67	67	67	11	1	74	28	11	4	1	*	*	
May 2034	100	55	55	55	55	55	8	1	71	25	9	3	1	*	*	
May 2035	100	45	45	45	45	45	5	*	68	23	8	3	1	*	*	
May 2036	100	36	36	36	36	36	4	*	65	20	7	2	1	*	*	
May 2037	100	29	29	29	29	29	3	*	61	18	5	2	*	*	*	
May 2038	100	23	23	23	23	23	2	*	57	15	4	1	*	*	*	
May 2039	100	18	18	18	18	18	1	*	53	13	4	1	*	*	*	
May 2040	100	14	14	14	14	14	1	*	49	11	3	1	*	*	*	
May 2041	100	10	10	10	10	10	1	*	44	9	2	*	*	*	*	
May 2042	99	7	7	7	7	7	*	*	39	8	2	*	*	*	*	
May 2043	39	5	5	5	5	5	*	*	34	6	1	*	*	*	*	
May 2044	3	3	3	3	3	3	*	*	28	5	1	*	*	*	*	
May 2045	2	2	2	2	2	2	*	*	22	3	1	*	*	*	*	
May 2046	1	1	1	1	1	1	*	*	15	2	*	*	*	*	*	
May 2047	0	0	0	0	0	0	0	0	8	1	*	*	*	*	*	
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																
Life (years)**	24.9	17.6	17.5	17.5	17.5	17.5	11.1	7.3	19.9	10.9	7.4	5.5	4.4	3.7	3.2	

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



Date	FM and SM† Classes							TL, TM, FT and MS† Classes							GA and GI† Classes						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	200%	300%	400%	500%	600%	0%	100%	200%	300%	400%	500%	600%	0%	100%	150%	200%	300%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	97	95	93	91	89	87	99	97	95	93	91	89	88	99	97	96	95	93	92	90
May 2020	98	91	85	80	74	69	64	98	91	85	80	75	69	64	98	91	88	86	80	75	70
May 2021	97	84	74	64	55	47	40	97	84	74	65	56	48	41	96	84	79	74	65	56	49
May 2022	95	78	64	52	41	33	25	95	78	64	52	42	33	26	95	77	70	64	52	42	33
May 2023	94	71	55	42	31	22	16	94	72	55	42	31	23	16	94	71	63	55	42	31	23
May 2024	93	66	47	33	23	15	10	93	66	47	34	23	15	10	92	65	56	47	34	23	16
May 2025	91	60	41	27	17	10	6	91	60	41	27	17	11	6	90	60	50	41	27	17	11
May 2026	89	55	35	21	13	7	4	89	55	35	21	13	7	4	89	55	44	35	21	13	7
May 2027	88	51	30	17	9	5	2	88	51	30	17	9	5	2	87	50	39	30	17	9	5
May 2028	86	46	26	14	7	3	1	86	46	26	14	7	3	2	85	46	34	25	14	7	3
May 2029	84	42	22	11	5	2	1	84	42	22	11	5	2	1	83	42	30	22	11	5	2
May 2030	82	38	19	9	4	2	1	82	38	19	9	4	2	1	80	38	27	18	9	4	2
May 2031	79	35	16	7	3	1	*	79	35	16	7	3	1	*	78	34	23	16	7	3	1
May 2032	77	31	13	5	2	1	*	77	31	13	5	2	1	*	75	31	20	13	5	2	1
May 2033	74	28	11	4	1	*	*	74	28	11	4	1	*	*	73	28	18	11	4	1	*
May 2034	71	25	9	3	1	*	*	71	25	9	3	1	*	*	70	25	15	9	3	1	*
May 2035	68	22	8	3	1	*	*	68	22	8	3	1	*	*	66	22	13	8	3	1	*
May 2036	65	20	6	2	1	*	*	65	20	7	2	1	*	*	63	19	11	6	2	1	*
May 2037	61	17	5	1	*	*	*	61	17	5	2	*	*	*	59	17	10	5	1	*	*
May 2038	57	15	4	1	*	*	*	57	15	4	1	*	*	*	56	15	8	4	1	*	*
May 2039	53	13	4	1	*	*	*	53	13	4	1	*	*	*	52	13	7	3	1	*	*
May 2040	49	11	3	1	*	*	*	49	11	3	1	*	*	*	47	11	6	3	1	*	*
May 2041	44	9	2	*	*	*	*	44	9	2	*	*	*	*	43	9	4	2	*	*	*
May 2042	39	8	2	*	*	*	*	39	8	2	*	*	*	*	38	7	4	2	*	*	*
May 2043	34	6	1	*	*	*	*	34	6	1	*	*	*	*	32	6	3	1	*	*	*
May 2044	28	5	1	*	*	*	*	28	5	1	*	*	*	*	27	4	2	1	*	*	*
May 2045	22	3	1	*	*	*	*	22	3	1	*	*	*	*	21	3	1	1	*	*	*
May 2046	15	2	*	*	*	*	*	15	2	*	*	*	*	*	14	2	1	*	*	*	*
May 2047	8	1	*	*	*	*	*	8	1	*	*	*	*	*	7	1	*	*	*	*	*
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	19.9	10.8	7.3	5.4	4.3	3.6	3.1	19.9	10.9	7.3	5.5	4.4	3.6	3.1	19.6	10.8	8.7	7.3	5.5	4.4	3.7

Date	KA Class							KV Class							VK Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	110%	200%	300%	400%	500%	0%	100%	110%	200%	300%	400%	500%	0%	100%	110%	200%	300%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	95	94	92	89	86	83	93	93	93	93	93	93	93	100	100	100	100	100	100	100
May 2020	97	86	85	77	69	61	53	85	85	85	85	85	85	85	100	100	100	100	100	100	100
May 2021	95	76	75	61	47	34	23	77	77	77	77	77	77	77	100	100	100	100	100	100	100
May 2022	93	67	65	47	29	15	2	69	69	69	69	69	69	69	100	100	100	100	100	100	100
May 2023	91	58	55	34	15	0	0	60	60	60	60	60	60	0	100	100	100	100	100	100	58
May 2024	89	50	47	24	4	0	0	52	52	52	52	52	0	0	100	100	100	100	100	58	0
May 2025	86	42	39	14	0	0	0	42	42	42	42	0	0	0	100	100	100	100	91	0	0
May 2026	84	35	32	6	0	0	0	33	33	33	33	0	0	0	100	100	100	100	26	0	0
May 2027	81	28	25	0	0	0	0	23	23	23	12	0	0	0	100	100	100	100	0	0	0
May 2028	78	22	18	0	0	0	0	12	12	12	0	0	0	0	100	100	100	55	0	0	0
May 2029	75	16	12	0	0	0	0	1	1	1	0	0	0	0	100	100	100	6	0	0	0
May 2030	72	11	7	0	0	0	0	0	0	0	0	0	0	0	92	92	92	0	0	0	0
May 2031	68	5	2	0	0	0	0	0	0	0	0	0	0	0	82	82	82	0	0	0	0
May 2032	65	1	0	0	0	0	0	0	0	0	0	0	0	0	72	72	51	0	0	0	0
May 2033	61	0	0	0	0	0	0	0	0	0	0	0	0	0	62	33	7	0	0	0	0
May 2034	57	0	0	0	0	0	0	0	0	0	0	0	0	0	51	0	0	0	0	0	0
May 2035	52	0	0	0	0	0	0	0	0	0	0	0	0	0	40	0	0	0	0	0	0
May 2036	47	0	0	0	0	0	0	0	0	0	0	0	0	0	28	0	0	0	0	0	0
May 2037	42	0	0	0	0	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	0
May 2038	37	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0
May 2039	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	16.1	6.4	6.1	4.1	3.1	2.5	2.1	6.0	6.0	6.0	5.8	4.9	4.2	3.7	16.0	14.3	13.9	10.1	7.7	6.1	5.1

\* 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	KZ Class							KB Class							JA Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	110%	200%	300%	400%	500%	0%	100%	110%	200%	300%	400%	500%	0%	100%	150%	300%	400%	500%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	104	104	104	104	104	104	104	100	100	100	100	100	100	100	99	96	95	92	90	89	87
May 2020	108	108	108	108	108	108	108	100	100	100	100	100	100	100	97	89	86	76	70	64	58
May 2021	113	113	113	113	113	113	113	100	100	100	100	100	100	100	96	81	74	57	46	36	27
May 2022	117	117	117	117	117	117	117	100	100	100	100	100	100	100	94	72	63	40	27	16	6
May 2023	122	122	122	122	122	122	122	100	100	100	100	100	100	72	92	64	53	27	13	2	0
May 2024	127	127	127	127	127	127	111	100	100	100	100	100	74	49	91	57	45	16	2	0	0
May 2025	132	132	132	132	132	124	76	100	100	100	100	87	55	34	89	50	36	7	0	0	0
May 2026	138	138	138	138	138	91	52	100	100	100	100	69	41	23	86	44	29	0	0	0	0
May 2027	143	143	143	143	124	68	35	100	100	100	97	55	30	16	84	37	23	0	0	0	0
May 2028	149	149	149	149	99	50	24	100	100	100	83	44	22	11	82	32	17	0	0	0	0
May 2029	155	155	155	155	78	37	16	100	100	100	71	35	16	7	79	26	11	0	0	0	0
May 2030	161	161	161	135	62	27	11	100	100	100	60	28	12	5	76	21	7	0	0	0	0
May 2031	168	168	168	114	49	20	7	100	100	100	51	22	9	3	73	17	2	0	0	0	0
May 2032	175	175	175	96	38	14	5	100	100	93	43	17	6	2	70	12	0	0	0	0	0
May 2033	182	182	182	81	30	10	3	100	91	83	36	13	5	1	67	8	0	0	0	0	0
May 2034	189	183	166	68	23	7	2	100	81	74	30	10	3	1	63	4	0	0	0	0	0
May 2035	197	163	147	56	18	5	1	100	72	65	25	8	2	1	59	1	0	0	0	0	0
May 2036	205	144	129	47	14	4	1	100	64	57	21	6	2	*	55	0	0	0	0	0	0
May 2037	214	126	112	38	11	3	1	100	56	50	17	5	1	*	50	0	0	0	0	0	0
May 2038	222	109	97	31	8	2	*	100	49	43	14	4	1	*	45	0	0	0	0	0	0
May 2039	225	94	83	25	6	1	*	100	42	37	11	3	1	*	40	0	0	0	0	0	0
May 2040	225	80	70	20	5	1	*	100	36	31	9	2	*	*	34	0	0	0	0	0	0
May 2041	225	67	58	16	3	1	*	100	30	26	7	1	*	*	28	0	0	0	0	0	0
May 2042	225	54	47	12	2	*	*	100	24	21	5	1	*	*	22	0	0	0	0	0	0
May 2043	225	43	37	9	2	*	*	100	19	16	4	1	*	*	15	0	0	0	0	0	0
May 2044	200	32	27	6	1	*	*	89	14	12	3	*	*	*	7	0	0	0	0	0	0
May 2045	154	22	19	4	1	*	*	69	10	8	2	*	*	*	0	0	0	0	0	0	0
May 2046	106	13	11	2	*	*	*	47	6	5	1	*	*	*	0	0	0	0	0	0	0
May 2047	55	5	4	1	*	*	*	24	2	2	*	*	*	*	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	27.8	21.6	21.0	16.4	12.6	10.1	8.3	27.8	20.5	19.8	14.4	10.7	8.3	6.8	17.5	7.7	5.9	3.7	3.0	2.6	2.3

Date	JV Class							JZ Class							JB Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	150%	300%	400%	500%	600%	0%	100%	150%	300%	400%	500%	600%	0%	100%	150%	300%	400%	500%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	93	93	93	93	93	93	93	105	105	105	105	105	105	105	100	100	100	100	100	100	100
May 2020	85	85	85	85	85	85	85	109	109	109	109	109	109	109	100	100	100	100	100	100	100
May 2021	77	77	77	77	77	77	77	114	114	114	114	114	114	114	100	100	100	100	100	100	100
May 2022	69	69	69	69	69	69	69	120	120	120	120	120	120	120	100	100	100	100	100	100	100
May 2023	61	61	61	61	61	61	*	125	125	125	125	125	125	125	100	100	100	100	100	100	76
May 2024	52	52	52	52	52	0	0	131	131	131	131	131	120	79	100	100	100	100	100	73	48
May 2025	42	42	42	42	0	0	0	137	137	137	137	131	82	49	100	100	100	100	80	50	30
May 2026	33	33	33	31	0	0	0	143	143	143	143	97	56	31	100	100	100	99	59	34	19
May 2027	22	22	22	0	0	0	0	150	150	150	130	72	38	19	100	100	100	79	44	23	12
May 2028	12	12	12	0	0	0	0	157	157	157	104	53	26	12	100	100	100	63	32	16	7
May 2029	*	*	*	0	0	0	0	164	164	164	83	39	18	7	100	100	100	50	24	11	5
May 2030	0	0	0	0	0	0	0	164	164	164	66	29	12	5	100	100	100	40	18	7	3
May 2031	0	0	0	0	0	0	0	164	164	164	52	21	8	3	100	100	100	32	13	5	2
May 2032	0	0	0	0	0	0	0	164	164	155	41	15	5	2	100	100	95	25	9	3	1
May 2033	0	0	0	0	0	0	0	164	164	135	32	11	4	1	100	100	82	20	7	2	1
May 2034	0	0	0	0	0	0	0	164	164	117	25	8	2	1	100	100	71	15	5	1	*
May 2035	0	0	0	0	0	0	0	164	164	101	20	6	2	*	100	100	62	12	4	1	*
May 2036	0	0	0	0	0	0	0	164	150	87	15	4	1	*	100	91	53	9	3	1	*
May 2037	0	0	0	0	0	0	0	164	132	74	12	3	1	*	100	81	45	7	2	*	*
May 2038	0	0	0	0	0	0	0	164	115	63	9	2	*	*	100	70	38	5	1	*	*
May 2039	0	0	0	0	0	0	0	164	100	52	7	1	*	*	100	61	32	4	1	*	*
May 2040	0	0	0	0	0	0	0	164	85	43	5	1	*	*	100	52	26	3	1	*	*
May 2041	0	0	0	0	0	0	0	164	71	35	4	1	*	*	100	44	21	2	*	*	*
May 2042	0	0	0	0	0	0	0	164	59	28	3	*	*	*	100	36	17	2	*	*	*
May 2043	0	0	0	0	0	0	0	164	47	22	2	*	*	*	100	29	13	1	*	*	*
May 2044	0	0	0	0	0	0	0	164	36	16	1	*	*	*	100	22	10	1	*	*	*
May 2045	0	0	0	0	0	0	0	159	25	11	1	*	*	*	97	16	7	*	*	*	*
May 2046	0	0	0	0	0	0	0	110	16	7	*	*	*	*	67	10	4	*	*	*	*
May 2047	0	0	0	0	0	0	0	57	7	3	*	*	*	*	35	4	2	*	*	*	*
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	6.0	6.0	6.0	5.6	4.9	4.4	3.9	28.5	22.7	19.3	12.7	10.2	8.4	7.2	28.5	22.7	19.3	12.2	9.6	7.8	6.6

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

Date	SB† Class								TA† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	91	82	68	50	33	15	4	98	91	82	68	50	33	15	4
May 2020	96	82	67	46	25	11	2	*	96	82	67	46	25	11	2	*
May 2021	94	74	55	31	13	4	*	*	93	74	55	31	13	4	*	*
May 2022	92	67	45	21	6	1	*	*	90	67	45	21	6	1	*	*
May 2023	89	60	36	14	3	*	*	*	87	60	36	14	3	*	*	*
May 2024	86	53	29	9	2	*	*	0	84	53	29	9	2	*	*	0
May 2025	83	47	23	6	1	*	*	0	80	47	23	6	1	*	*	0
May 2026	80	41	18	4	*	*	*	0	76	41	18	4	*	*	*	0
May 2027	76	35	14	2	*	*	*	0	72	35	14	2	*	*	0	0
May 2028	73	30	11	2	*	*	0	0	68	30	11	2	*	*	0	0
May 2029	68	25	8	1	*	*	0	0	63	25	8	1	*	*	0	0
May 2030	64	20	6	1	*	*	0	0	57	20	6	1	*	*	0	0
May 2031	59	16	4	*	*	*	0	0	51	16	4	*	*	*	0	0
May 2032	53	12	3	*	*	*	0	0	45	12	3	*	*	0	0	0
May 2033	47	9	2	*	*	*	0	0	38	8	2	*	*	0	0	0
May 2034	41	6	1	*	*	0	0	0	30	4	1	*	*	0	0	0
May 2035	34	3	*	*	*	0	0	0	22	1	*	*	*	0	0	0
May 2036	28	1	*	*	*	0	0	0	12	0	0	0	0	0	0	0
May 2037	21	*	*	*	0	0	0	0	3	0	0	0	0	0	0	0
May 2038	15	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2039	9	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	13.6	7.2	4.6	2.5	1.5	0.9	0.6	0.3	12.2	7.2	4.6	2.5	1.5	0.9	0.6	0.3

Date	TB† Class								TC† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	91	83	68	50	33	16	4	98	91	82	68	50	33	15	4
May 2020	97	83	68	46	25	11	2	*	96	83	68	46	25	11	2	*
May 2021	95	75	56	31	13	4	*	*	94	75	55	31	13	4	*	*
May 2022	93	68	46	21	6	1	*	*	92	67	45	21	6	1	*	*
May 2023	91	61	37	14	3	*	*	*	90	60	36	14	3	*	*	*
May 2024	89	55	30	9	2	*	*	0	87	53	29	9	2	*	*	0
May 2025	87	49	24	6	1	*	*	0	85	47	23	6	1	*	*	0
May 2026	84	43	19	4	*	*	*	0	81	41	18	4	*	*	*	0
May 2027	81	38	15	3	*	*	*	0	78	36	14	3	*	*	*	0
May 2028	78	33	12	2	*	*	0	0	74	31	11	2	*	*	0	0
May 2029	74	28	9	1	*	*	0	0	71	26	9	1	*	*	0	0
May 2030	71	23	7	1	*	*	0	0	66	21	6	1	*	*	0	0
May 2031	67	19	5	*	*	*	0	0	62	17	5	*	*	*	0	0
May 2032	62	15	4	*	*	*	0	0	56	13	3	*	*	*	0	0
May 2033	57	11	2	*	*	*	0	0	51	9	2	*	*	0	0	0
May 2034	52	8	2	*	*	0	0	0	45	5	1	*	*	0	0	0
May 2035	46	4	1	*	*	0	0	0	38	3	*	*	*	0	0	0
May 2036	40	1	*	*	*	0	0	0	31	1	*	*	*	0	0	0
May 2037	34	*	*	*	0	0	0	0	23	*	*	*	0	0	0	0
May 2038	26	*	*	0	0	0	0	0	15	*	*	*	0	0	0	0
May 2039	18	0	0	0	0	0	0	0	6	*	*	0	0	0	0	0
May 2040	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	15.0	7.6	4.7	2.6	1.5	0.9	0.6	0.3	13.9	7.3	4.6	2.5	1.5	0.9	0.6	0.3

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

Date	TD† Class								TE† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	97	90	81	67	50	32	15	4	99	91	83	68	51	33	16	4
May 2020	94	80	65	44	24	10	2	*	97	83	68	46	25	11	2	*
May 2021	91	70	52	29	12	3	*	*	95	76	56	31	13	4	*	*
May 2022	87	62	41	19	6	1	*	*	93	68	46	21	6	1	*	*
May 2023	83	53	32	12	3	*	*	0	91	62	37	14	3	*	*	*
May 2024	79	46	25	8	1	*	*	0	89	55	30	9	2	*	*	0
May 2025	75	38	19	5	1	*	*	0	87	49	24	6	1	*	*	0
May 2026	70	32	14	3	*	*	*	0	84	44	19	4	*	*	*	0
May 2027	64	25	10	2	*	*	0	0	81	38	15	3	*	*	*	0
May 2028	58	19	7	1	*	*	0	0	78	33	12	2	*	*	0	0
May 2029	52	13	4	1	*	*	0	0	74	28	9	1	*	*	0	0
May 2030	45	8	2	*	*	*	0	0	71	24	7	1	*	*	0	0
May 2031	37	3	1	*	*	0	0	0	67	20	5	*	*	*	0	0
May 2032	29	*	*	*	*	0	0	0	62	16	4	*	*	*	0	0
May 2033	20	*	*	*	*	0	0	0	57	12	3	*	*	*	0	0
May 2034	10	*	*	*	0	0	0	0	52	9	2	*	*	0	0	0
May 2035	0	0	0	0	0	0	0	0	46	5	1	*	*	0	0	0
May 2036	0	0	0	0	0	0	0	0	40	2	*	*	*	0	0	0
May 2037	0	0	0	0	0	0	0	0	34	0	0	0	0	0	0	0
May 2038	0	0	0	0	0	0	0	0	26	0	0	0	0	0	0	0
May 2039	0	0	0	0	0	0	0	0	18	0	0	0	0	0	0	0
May 2040	0	0	0	0	0	0	0	0	9	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	10.4	5.9	4.1	2.4	1.4	0.9	0.6	0.3	15.0	7.7	4.7	2.6	1.5	0.9	0.6	0.3

Date	IB† Class								SC† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	91	82	68	50	33	15	4	98	91	82	67	50	32	15	3
May 2020	96	82	67	45	25	11	2	*	96	82	67	45	24	10	2	*
May 2021	94	74	55	30	12	3	*	*	94	74	55	30	12	3	*	*
May 2022	91	66	44	20	6	1	*	*	92	67	44	20	5	1	*	*
May 2023	88	59	36	13	3	*	*	*	90	60	36	13	3	*	*	*
May 2024	86	52	28	9	1	*	*	0	87	53	28	8	1	*	*	*
May 2025	82	45	22	6	1	*	*	0	84	47	23	5	1	*	*	0
May 2026	79	39	18	4	*	*	*	0	81	41	18	3	*	*	*	0
May 2027	75	34	14	2	*	*	*	0	77	35	14	2	*	*	*	0
May 2028	71	28	10	1	*	*	0	0	74	30	10	1	*	*	*	0
May 2029	66	23	8	1	*	*	0	0	69	25	8	1	*	*	0	0
May 2030	61	18	6	1	*	*	0	0	65	20	6	1	*	*	0	0
May 2031	56	14	4	*	*	*	0	0	60	16	4	*	*	*	0	0
May 2032	50	10	3	*	*	*	0	0	55	12	3	*	*	*	0	0
May 2033	44	8	2	*	*	*	0	0	49	8	2	*	*	*	0	0
May 2034	37	5	1	*	*	0	0	0	43	5	1	*	*	*	0	0
May 2035	30	3	1	*	*	0	0	0	36	2	*	*	*	0	0	0
May 2036	25	1	*	*	*	0	0	0	29	1	*	*	*	0	0	0
May 2037	20	*	*	*	0	0	0	0	21	*	*	*	*	0	0	0
May 2038	15	*	*	0	0	0	0	0	12	*	*	*	0	0	0	0
May 2039	10	*	*	0	0	0	0	0	4	*	*	0	0	0	0	0
May 2040	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	13.3	7.0	4.5	2.5	1.5	0.9	0.6	0.3	13.7	7.2	4.5	2.5	1.4	0.9	0.5	0.3

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

Date	TG† Class								TH† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	91	82	68	50	33	15	4	98	91	82	68	50	33	15	4
May 2020	96	82	67	46	25	11	2	*	96	83	67	46	25	11	2	*
May 2021	94	74	55	31	13	4	*	*	94	75	55	31	13	4	*	*
May 2022	92	67	45	20	6	1	*	*	92	67	45	21	6	1	*	*
May 2023	90	59	36	14	3	*	*	*	90	60	36	14	3	*	*	*
May 2024	87	53	29	9	2	*	*	0	87	53	29	9	2	*	*	*
May 2025	84	46	23	6	1	*	*	0	84	47	23	6	1	*	*	*
May 2026	81	40	18	4	*	*	*	0	81	41	18	4	*	*	*	*
May 2027	78	35	14	2	*	*	0	0	78	36	14	3	*	*	*	*
May 2028	74	29	11	2	*	*	0	0	74	30	11	2	*	*	*	*
May 2029	70	24	8	1	*	*	0	0	70	25	8	1	*	*	*	*
May 2030	65	20	6	1	*	*	0	0	66	21	6	1	*	*	*	*
May 2031	61	15	4	*	*	*	0	0	61	16	4	*	*	*	*	*
May 2032	55	11	3	*	*	*	0	0	56	12	3	*	*	*	*	*
May 2033	50	7	2	*	*	*	0	0	50	9	2	*	*	*	*	*
May 2034	44	4	1	*	*	*	0	0	44	5	1	*	*	*	*	*
May 2035	37	1	*	*	*	*	0	0	37	2	*	*	*	*	*	*
May 2036	29	*	*	*	0	0	0	0	30	*	*	*	*	*	*	*
May 2037	22	*	*	*	0	0	0	0	22	*	*	*	*	*	*	*
May 2038	13	*	*	*	0	0	0	0	14	0	0	0	0	0	0	0
May 2039	3	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
May 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	13.8	7.1	4.5	2.5	1.5	0.9	0.6	0.3	13.8	7.3	4.6	2.5	1.5	0.9	0.6	0.3

Date	TJ† Class								TK† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	92	83	68	51	33	16	4	98	91	83	68	51	33	16	4
May 2020	96	84	68	46	26	11	2	*	97	83	68	46	25	11	2	*
May 2021	94	76	56	31	13	4	*	*	95	76	56	31	13	4	*	*
May 2022	91	69	46	21	6	1	*	*	93	69	46	21	6	1	*	*
May 2023	88	62	38	14	3	*	*	0	91	62	37	14	3	*	*	0
May 2024	85	56	31	10	2	*	*	0	89	55	30	9	2	*	*	0
May 2025	82	50	25	6	1	*	*	0	86	49	24	6	1	*	*	0
May 2026	79	45	20	4	*	*	*	0	83	44	20	4	*	*	*	0
May 2027	75	39	16	3	*	*	0	0	80	38	16	3	*	*	0	0
May 2028	71	34	13	2	*	*	0	0	77	33	12	2	*	*	0	0
May 2029	66	30	10	1	*	*	0	0	73	29	9	1	*	*	0	0
May 2030	61	25	8	1	*	*	0	0	69	24	7	1	*	*	0	0
May 2031	56	21	6	*	*	*	0	0	65	20	5	*	*	*	0	0
May 2032	50	17	4	*	*	*	0	0	61	16	4	*	*	*	0	0
May 2033	43	14	3	*	*	*	0	0	56	12	3	*	*	0	0	0
May 2034	36	10	2	*	*	*	0	0	50	9	2	*	*	0	0	0
May 2035	29	7	1	*	*	*	0	0	44	5	1	*	*	0	0	0
May 2036	20	4	1	*	*	*	0	0	38	2	*	*	*	0	0	0
May 2037	11	1	*	*	*	*	0	0	31	*	*	*	0	0	0	0
May 2038	2	*	*	*	0	0	0	0	23	*	*	*	0	0	0	0
May 2039	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0
May 2040	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	12.9	7.9	4.8	2.6	1.5	0.9	0.6	0.3	14.7	7.7	4.7	2.6	1.5	0.9	0.6	0.3

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

Date	LT† Class								IC† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	91	83	68	51	33	16	4	98	91	82	68	50	33	16	4
May 2020	97	83	68	46	25	11	2	*	97	83	68	46	25	11	2	*
May 2021	95	76	56	31	13	4	*	*	95	75	56	31	13	4	*	*
May 2022	93	68	46	21	6	1	*	*	93	68	45	21	6	1	*	*
May 2023	91	61	37	14	3	*	*	0	90	61	37	14	3	*	*	*
May 2024	88	55	30	9	2	*	*	0	88	54	30	9	2	*	*	0
May 2025	86	49	24	6	1	*	*	0	85	48	24	6	1	*	*	0
May 2026	83	43	19	4	*	*	*	0	82	42	19	4	*	*	*	0
May 2027	80	38	15	3	*	*	0	0	79	37	15	3	*	*	*	0
May 2028	76	33	12	2	*	*	0	0	75	32	12	2	*	*	0	0
May 2029	73	28	9	1	*	*	0	0	71	27	9	1	*	*	0	0
May 2030	69	24	7	1	*	*	0	0	67	23	7	1	*	*	0	0
May 2031	64	20	5	*	*	*	0	0	63	18	5	*	*	*	0	0
May 2032	60	16	4	*	*	0	0	0	58	14	3	*	*	*	0	0
May 2033	54	12	3	*	*	0	0	0	52	10	2	*	*	0	0	0
May 2034	49	8	2	*	*	0	0	0	47	7	1	*	*	0	0	0
May 2035	43	5	1	*	*	0	0	0	40	4	1	*	*	0	0	0
May 2036	36	2	*	*	*	0	0	0	33	2	*	*	*	0	0	0
May 2037	29	*	*	*	0	0	0	0	26	*	*	*	*	0	0	0
May 2038	21	*	*	*	0	0	0	0	18	*	*	*	0	0	0	0
May 2039	13	*	*	0	0	0	0	0	9	*	*	0	0	0	0	0
May 2040	3	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	14.5	7.7	4.7	2.6	1.5	0.9	0.6	0.3	14.2	7.5	4.7	2.6	1.5	0.9	0.6	0.3

Date	SD† Class								MT† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	91	81	66	48	30	14	3	98	90	79	62	42	21	9	2
May 2020	96	82	66	43	23	10	2	*	96	80	62	37	15	6	1	*
May 2021	94	73	53	28	11	3	*	*	93	71	48	19	8	2	*	*
May 2022	92	65	42	18	6	1	*	*	90	62	36	12	4	1	*	*
May 2023	89	58	33	12	3	*	*	*	87	54	26	8	2	*	*	*
May 2024	87	51	26	8	1	*	*	0	84	46	18	6	1	*	*	0
May 2025	84	44	20	5	1	*	*	0	80	39	14	4	*	*	*	0
May 2026	80	38	16	3	*	*	*	0	76	32	11	2	*	*	*	0
May 2027	77	32	12	2	*	*	*	0	72	26	9	2	*	*	*	0
May 2028	73	26	10	1	*	*	0	0	67	20	7	1	*	*	0	0
May 2029	68	22	7	1	*	*	0	0	62	17	6	1	*	*	0	0
May 2030	64	18	5	1	*	*	0	0	57	14	4	*	*	*	0	0
May 2031	59	15	4	*	*	*	0	0	50	12	3	*	*	*	0	0
May 2032	53	12	3	*	*	*	0	0	44	9	2	*	*	*	0	0
May 2033	47	8	2	*	*	0	0	0	36	7	2	*	*	*	0	0
May 2034	40	6	1	*	*	0	0	0	28	5	1	*	*	0	0	0
May 2035	33	3	1	*	*	0	0	0	19	3	1	*	*	0	0	0
May 2036	24	1	*	*	*	0	0	0	10	1	*	*	*	0	0	0
May 2037	17	*	*	*	0	0	0	0	2	*	*	*	0	0	0	0
May 2038	13	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2039	10	*	*	*	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	8	*	*	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	13.7	7.0	4.3	2.4	1.4	0.9	0.5	0.3	12.1	6.4	3.8	2.0	1.2	0.7	0.5	0.3

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



Date	TN† Class								TQ† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	90	82	67	50	33	15	4	98	92	83	68	51	33	16	4
May 2020	96	81	67	45	25	11	2	*	96	84	68	46	26	11	2	*
May 2021	93	73	54	30	12	3	*	*	94	76	56	31	13	4	*	*
May 2022	90	65	43	20	6	1	*	*	91	69	46	21	6	1	*	*
May 2023	87	57	35	13	3	*	*	*	89	62	38	14	3	*	*	0
May 2024	84	50	27	9	1	*	*	0	86	56	31	10	2	*	*	0
May 2025	80	43	21	6	1	*	*	0	83	50	25	6	1	*	*	0
May 2026	76	37	17	4	*	*	*	0	79	45	20	4	*	*	*	0
May 2027	72	31	13	2	*	*	0	0	75	39	16	3	*	*	0	0
May 2028	67	25	9	1	*	*	0	0	71	34	13	2	*	*	0	0
May 2029	62	20	7	1	*	*	0	0	66	30	10	1	*	*	0	0
May 2030	56	16	5	*	*	*	0	0	61	25	8	1	*	*	0	0
May 2031	49	13	3	*	*	*	0	0	56	21	6	*	*	*	0	0
May 2032	43	10	2	*	*	0	0	0	50	17	4	*	*	0	0	0
May 2033	35	7	2	*	*	0	0	0	43	14	3	*	*	0	0	0
May 2034	27	4	1	*	*	0	0	0	36	10	2	*	*	0	0	0
May 2035	18	2	*	*	*	0	0	0	28	7	1	*	*	0	0	0
May 2036	8	*	*	*	0	0	0	0	20	4	1	*	*	0	0	0
May 2037	0	0	0	0	0	0	0	0	10	1	*	*	0	0	0	0
May 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	11.9	6.8	4.4	2.5	1.5	0.9	0.6	0.3	12.9	7.9	4.8	2.6	1.5	0.9	0.6	0.3

Date	TS† Class								TU† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	98	91	82	68	50	33	16	4	98	92	83	68	51	33	16	4
May 2020	96	83	68	46	25	11	2	*	96	84	68	46	26	11	2	*
May 2021	93	75	55	31	13	4	*	*	94	76	56	31	13	4	*	*
May 2022	90	68	45	21	6	1	*	*	91	69	46	21	6	1	*	*
May 2023	88	60	37	14	3	*	*	*	88	62	38	14	3	*	*	*
May 2024	84	54	29	9	2	*	*	0	85	56	31	10	2	*	*	0
May 2025	81	48	24	6	1	*	*	0	82	50	25	6	1	*	*	0
May 2026	77	42	19	4	*	*	*	0	78	44	20	4	*	*	*	0
May 2027	73	36	15	3	*	*	*	0	74	39	16	3	*	*	0	0
May 2028	68	31	11	2	*	*	0	0	70	34	12	2	*	*	0	0
May 2029	63	26	9	1	*	*	0	0	65	29	10	1	*	*	0	0
May 2030	57	21	6	1	*	*	0	0	60	25	7	1	*	*	0	0
May 2031	51	17	5	*	*	*	0	0	54	21	6	*	*	*	0	0
May 2032	45	13	3	*	*	*	0	0	48	17	4	*	*	*	0	0
May 2033	37	9	2	*	*	*	0	0	41	13	3	*	*	0	0	0
May 2034	29	5	1	*	*	0	0	0	34	9	2	*	*	0	0	0
May 2035	21	1	*	*	*	0	0	0	26	6	1	*	*	0	0	0
May 2036	11	0	0	0	0	0	0	0	17	3	*	*	*	0	0	0
May 2037	1	0	0	0	0	0	0	0	7	*	*	*	0	0	0	0
May 2038	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	12.2	7.3	4.6	2.5	1.5	0.9	0.6	0.3	12.6	7.8	4.8	2.6	1.5	0.9	0.6	0.3

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

Date	TW† Class								ID† Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	250%	500%	800%	1100%	1400%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	90	81	67	50	33	15	4	98	90	81	65	47	28	13	3
May 2020	98	80	66	45	25	11	2	*	96	81	65	42	21	9	2	*
May 2021	97	71	53	30	12	3	*	*	94	73	52	26	11	3	*	*
May 2022	95	63	42	19	6	1	*	*	91	65	41	17	5	1	*	*
May 2023	94	55	33	13	3	*	*	*	88	57	32	11	3	*	*	*
May 2024	92	47	26	8	1	*	*	0	85	50	24	8	1	*	*	0
May 2025	91	40	20	5	1	*	*	0	82	43	19	5	1	*	*	0
May 2026	89	34	15	3	*	*	*	0	78	36	15	3	*	*	*	0
May 2027	87	27	11	2	*	*	0	0	74	30	12	2	*	*	*	0
May 2028	84	23	8	1	*	*	0	0	70	25	9	1	*	*	0	0
May 2029	82	19	6	1	*	*	0	0	65	21	7	1	*	*	0	0
May 2030	79	15	5	*	*	*	0	0	60	17	5	*	*	*	0	0
May 2031	76	12	3	*	*	*	0	0	54	14	4	*	*	*	0	0
May 2032	73	9	2	*	*	*	0	0	48	11	3	*	*	*	0	0
May 2033	69	7	1	*	*	*	0	0	41	8	2	*	*	*	0	0
May 2034	65	4	1	*	*	0	0	0	34	5	1	*	*	0	0	0
May 2035	61	2	*	*	*	0	0	0	26	3	*	*	*	0	0	0
May 2036	56	1	*	*	*	0	0	0	17	1	*	*	*	0	0	0
May 2037	51	*	*	*	0	0	0	0	9	*	*	*	0	0	0	0
May 2038	46	*	*	*	0	0	0	0	6	*	*	*	0	0	0	0
May 2039	40	*	*	*	0	0	0	0	5	*	*	0	0	0	0	0
May 2040	33	*	*	0	0	0	0	0	4	*	*	0	0	0	0	0
May 2041	26	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0
May 2042	18	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0
May 2043	9	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	17.6	6.5	4.3	2.4	1.4	0.9	0.6	0.3	12.9	6.8	4.2	2.3	1.4	0.9	0.5	0.3

Date	IE† Class								DA Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	250%	500%	800%	1100%	1400%	1600%	0%	100%	200%	300%	400%	500%	700%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	99	91	82	68	50	33	15	4	98	94	91	88	85	82	76	
May 2020	97	82	67	46	25	11	2	*	96	85	76	67	59	50	34	
May 2021	96	74	55	31	13	4	*	*	94	74	58	43	29	17	0	
May 2022	94	66	44	20	6	1	*	*	92	64	42	23	7	0	0	
May 2023	93	59	36	14	3	*	*	*	89	54	28	7	0	0	0	
May 2024	91	52	29	9	2	*	*	0	86	45	16	0	0	0	0	
May 2025	89	46	23	6	1	*	*	0	84	36	6	0	0	0	0	
May 2026	87	40	18	4	*	*	*	0	81	28	0	0	0	0	0	
May 2027	84	35	14	2	*	*	*	0	78	21	0	0	0	0	0	
May 2028	82	29	11	2	*	*	0	0	74	14	0	0	0	0	0	
May 2029	79	24	8	1	*	*	0	0	71	7	0	0	0	0	0	
May 2030	76	20	6	1	*	*	0	0	67	1	0	0	0	0	0	
May 2031	73	15	4	*	*	*	0	0	63	0	0	0	0	0	0	
May 2032	69	11	3	*	*	*	0	0	59	0	0	0	0	0	0	
May 2033	66	8	2	*	*	*	0	0	54	0	0	0	0	0	0	
May 2034	62	5	1	*	*	0	0	0	50	0	0	0	0	0	0	
May 2035	59	2	*	*	*	0	0	0	45	0	0	0	0	0	0	
May 2036	56	*	*	*	*	0	0	0	39	0	0	0	0	0	0	
May 2037	53	0	0	0	0	0	0	0	34	0	0	0	0	0	0	
May 2038	50	0	0	0	0	0	0	0	28	0	0	0	0	0	0	
May 2039	46	0	0	0	0	0	0	0	21	0	0	0	0	0	0	
May 2040	43	0	0	0	0	0	0	0	14	0	0	0	0	0	0	
May 2041	39	0	0	0	0	0	0	0	7	0	0	0	0	0	0	
May 2042	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2043	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2044	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2045	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2046	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2047	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																
Life (years)**	18.7	7.1	4.5	2.5	1.5	0.9	0.6	0.3	14.8	5.7	3.7	2.8	2.3	2.0	1.6	

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

Date	VA Class							VB Class							ZD Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	200%	300%	400%	500%	700%	0%	100%	200%	300%	400%	500%	700%	0%	100%	200%	300%	400%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	93	93	93	93	93	93	93	100	100	100	100	100	100	100	104	104	104	104	104	104	104
May 2020	85	85	85	85	85	85	85	100	100	100	100	100	100	100	107	107	107	107	107	107	107
May 2021	77	77	77	77	77	77	77	100	100	100	100	100	100	100	68	111	111	111	111	111	111
May 2022	69	69	69	69	69	69	0	100	100	100	100	100	58	0	115	115	115	115	115	115	105
May 2023	60	60	60	60	60	8	0	100	100	100	100	39	0	0	119	119	119	119	119	119	60
May 2024	51	51	51	51	5	0	0	100	100	100	63	0	0	0	123	123	123	123	123	84	34
May 2025	42	42	42	38	0	0	0	100	100	100	0	0	0	0	128	128	128	128	93	57	19
May 2026	33	33	33	0	0	0	0	100	100	77	0	0	0	0	132	132	132	117	69	39	11
May 2027	23	23	23	0	0	0	0	100	100	27	0	0	0	0	137	137	137	93	51	27	6
May 2028	13	13	0	0	0	0	0	100	100	0	0	0	0	0	142	142	139	74	37	18	3
May 2029	2	2	0	0	0	0	0	100	100	0	0	0	0	0	147	147	118	58	27	12	2
May 2030	0	0	0	0	0	0	0	92	92	0	0	0	0	0	152	152	100	46	20	8	1
May 2031	0	0	0	0	0	0	0	83	53	0	0	0	0	0	158	158	85	36	15	6	1
May 2032	0	0	0	0	0	0	0	72	9	0	0	0	0	0	163	163	71	29	11	4	*
May 2033	0	0	0	0	0	0	0	62	0	0	0	0	0	0	169	151	60	22	8	2	*
May 2034	0	0	0	0	0	0	0	51	0	0	0	0	0	0	175	134	50	17	6	2	*
May 2035	0	0	0	0	0	0	0	40	0	0	0	0	0	0	181	119	42	13	4	1	*
May 2036	0	0	0	0	0	0	0	28	0	0	0	0	0	0	188	105	34	10	3	1	*
May 2037	0	0	0	0	0	0	0	16	0	0	0	0	0	0	194	92	28	8	2	*	*
May 2038	0	0	0	0	0	0	0	3	0	0	0	0	0	0	201	80	23	6	1	*	*
May 2039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	69	18	5	1	*	*
May 2040	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	58	15	3	1	*	*
May 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	203	49	11	2	*	*	*
May 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201	40	9	2	*	*	*
May 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172	31	6	1	*	*	*
May 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	142	24	5	1	*	*	*
May 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	17	3	*	*	*	*
May 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	10	2	*	*	*	*
May 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	4	1	*	*	*	*
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	6.0	6.0	5.9	5.2	4.5	3.9	3.1	16.0	13.1	8.6	6.2	4.9	4.1	3.1	27.2	20.5	15.3	11.7	9.3	7.7	5.6

Date	DY Class							DV Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	200%	300%	400%	500%	700%	0%	100%	200%	300%	400%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2019	100	100	100	100	100	100	100	97	97	97	97	97	97	97
May 2020	100	100	100	100	100	100	100	93	93	93	93	93	93	93
May 2021	100	100	100	100	100	100	100	89	89	89	89	89	89	72
May 2022	100	100	100	100	100	88	52	85	85	85	85	85	63	0
May 2023	100	100	100	100	83	61	29	81	81	81	81	49	4	0
May 2024	100	100	100	90	62	41	17	77	77	77	58	2	0	0
May 2025	100	100	100	72	46	28	9	73	73	73	18	0	0	0
May 2026	100	100	94	57	34	19	5	69	69	57	0	0	0	0
May 2027	100	100	80	46	25	13	3	64	64	25	0	0	0	0
May 2028	100	100	68	36	18	9	2	59	59	0	0	0	0	0
May 2029	100	100	58	29	14	6	1	54	54	0	0	0	0	0
May 2030	100	100	49	23	10	4	1	49	49	0	0	0	0	0
May 2031	100	92	42	18	7	3	*	44	28	0	0	0	0	0
May 2032	100	83	35	14	5	2	*	39	5	0	0	0	0	0
May 2033	100	74	30	11	4	1	*	33	0	0	0	0	0	0
May 2034	100	66	25	9	3	1	*	27	0	0	0	0	0	0
May 2035	100	59	20	7	2	1	*	21	0	0	0	0	0	0
May 2036	100	52	17	5	1	*	*	15	0	0	0	0	0	0
May 2037	100	45	14	4	1	*	*	8	0	0	0	0	0	0
May 2038	100	40	11	3	1	*	*	2	0	0	0	0	0	0
May 2039	100	34	9	2	*	*	*	0	0	0	0	0	0	0
May 2040	100	29	7	2	*	*	*	0	0	0	0	0	0	0
May 2041	100	24	6	1	*	*	*	0	0	0	0	0	0	0
May 2042	99	20	4	1	*	*	*	0	0	0	0	0	0	0
May 2043	85	15	3	1	*	*	*	0	0	0	0	0	0	0
May 2044	70	12	2	*	*	*	*	0	0	0	0	0	0	0
May 2045	54	8	1	*	*	*	*	0	0	0	0	0	0	0
May 2046	37	5	1	*	*	*	*	0	0	0	0	0	0	0
May 2047	19	2	*	*	*	*	*	0	0	0	0	0	0	0
May 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	27.2	19.1	13.3	9.8	7.7	6.3	4.6	11.3	9.8	7.3	5.7	4.7	4.0	3.1

\* 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.

## **Characteristics of the Residual Classes**

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

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

## **CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES**

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

## **REMIC Elections and Special Tax Attributes**

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

## **Taxation of Beneficial Owners of Regular Certificates**

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

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

<u>Group</u>	<u>Prepayment Assumption</u>
1	190% PSA
2	200% PSA
3	150% PSA
4	110% PSA
5	150% PSA
6	250% PSA
7	250% PSA
8	250% PSA
9	250% PSA
10	200% PSA

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

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

### **Taxation of Beneficial Owners of Residual Certificates**

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

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

## **Taxation of Beneficial Owners of RCR Certificates**

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

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

## **Tax Audit Procedures**

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

## **Foreign Investors**

Beginning on January 1, 2019, a 30-percent United States withholding tax (“FATCA withholding”) will apply to gross proceeds from the sale or other disposition of a Regular Certificate that are paid to a non-U.S. entity that is a “financial institution” and fails to comply with certain reporting and other requirements or to a non-U.S. entity that is not a “financial institution” but fails to disclose the identity of its direct or indirect “substantial U.S. owners” or to certify that it has no such owners. FATCA withholding currently applies to payments treated as interest on a Regular Certificate paid to such persons. Various exceptions may apply. You should consult your own tax advisor regarding the potential application and impact of this withholding



tax based on your particular circumstances. See “Material Federal Income Tax Consequences—Foreign Investors” in the REMIC Prospectus.

### **ADDITIONAL ERISA CONSIDERATIONS**

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

1. If any of the Transaction Parties has provided, or will provide, advice with respect to the acquisition of the Certificates by the plan investor, it has or will provide advice only to a Plan Fiduciary that is independent of the Transaction Parties giving such advice, if any, and that is one of the following:
  - a bank as defined in Section 202 of the Investment Advisers Act of 1940 (the “Advisers Act”), or a similar institution that is regulated and supervised and subject to periodic examination by a State or federal agency;
  - an insurance carrier that is qualified under the laws of more than one State to perform the services of managing, acquiring or disposing of assets of a plan investor;
  - an investment adviser registered under the Advisers Act or, if not registered as an investment adviser under the Advisers Act by reason of paragraph (1) of Section 203A of the Advisers Act, registered as an investment adviser under the laws of the State in which it maintains its principal office and place of business;
  - a broker-dealer registered under the Exchange Act; or
  - a fiduciary that, for so long as the plan investor is invested in the Certificates, will have total assets of at least \$50,000,000 under its management or control (provided that this requirement will not be satisfied if the Plan Fiduciary is either (i) the owner or a relative of the owner of an investing IRA or (ii) a participant or beneficiary or a relative of such participant or beneficiary of the plan investor investing in the Certificates in such capacity).
2. The Plan Fiduciary is capable of evaluating investment risks independently, both in general and with respect to particular transactions and investment strategies, including the acquisition by the plan investor of the Certificates.
3. The Plan Fiduciary is a “fiduciary” with respect to the plan investor within the meaning of section 3(21) of ERISA or section 4975 of the Code, or both, and an “independent fiduciary” within the meaning of the Fiduciary Rule, and is responsible for exercising independent judgment in evaluating the plan investor’s acquisition of the Certificates.
4. None of the Transaction Parties has exercised any authority to cause the plan investor to invest in the Certificates or to negotiate the terms of the plan investor’s investment in the Certificates.
5. Neither the plan investor nor the Plan Fiduciary is paying or has paid a fee or other compensation to any of the Transaction Parties for investment advice (as opposed to other services) in connection with the plan investor’s acquisition or holding of the Certificates.



6. The Plan Fiduciary has been informed by the Transaction Parties:

- that none of the Transaction Parties is undertaking to provide impartial investment advice or to give advice in a fiduciary capacity in connection with the plan investor's acquisition of the Certificates; and
- of the existence and nature of the Transaction Parties' financial interests in the plan investor's acquisition of the Certificates.

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

## **PLAN OF DISTRIBUTION**

We are obligated to deliver the Certificates to Merrill Lynch, Pierce, Fenner & Smith Incorporated (the "Dealer") in exchange for the Trust MBS, the Underlying REMIC Certificates and the SMBS. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

## **CREDIT RISK RETENTION**

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

## **EUROPEAN ECONOMIC AREA RISK RETENTION**

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

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

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

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

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

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

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

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

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

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

#### **LEGAL MATTERS**

Katten Muchin Rosenman LLP will provide legal representation for Fannie Mae. Orrick, Herrington & Sutcliffe LLP will provide legal representation for the Dealer.

## Exhibit A

### Group 6 Underlying REMIC Certificates

Subgroup	Underlying REMIC Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Notional Principal Balance of Class	May 2018 Class Factor	Notional Principal Balance in the Lower Tier REMIC	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
6a	2007-89	SA	August 2007	31396XPV0	(2)	INV/IO	September 2037	NTL	\$100,000,000	0.05849550	\$2,924,775.00	6.552%	206	142
6b	2009-80	SD	September 2009	31398FHW4	(2)	INV/IO	October 2039	NTL	74,946,516	0.08899925	6,670,183.71	6.655	212	137
6c	2011-55	SJ	May 2011	31397UGH6	(2)	INV/IO	June 2041	NTL	150,000,000	0.14403737	7,201,868.50	6.585	221	128
6d	2009-110	SH	December 2009	31398GNG0	(2)	INV/IO	January 2040	NTL	100,000,000	0.06482960	5,834,664.00	6.516	211	136
6e	2005-38	S	April 2005	31394DSC5	(2)	INV/IO	May 2035	NTL	125,000,000	0.03883598	4,854,497.50	6.538	163	183
6f	2011-49	KS	May 2011	31397UHU6	(2)	INV/IO	June 2041	NTL	100,000,000	0.09899465	4,949,732.50	6.544	225	124

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

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

### Group 7 Underlying REMIC Certificates

Subgroup	Underlying REMIC Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Notional Principal Balance of Class	May 2018 Class Factor	Notional Principal Balance in the Lower Tier REMIC	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
7a	2009-66	SH	August 2009	31396QR50	(2)	INV/IO	September 2039	NTL	\$100,000,000	0.05877605	\$4,702,084.00	6.442%	204	147
7a	2009-97	SA	October 2009	31398FUM1	(2)	INV/IO	November 2039	NTL	100,000,000	0.04553462	4,553,462.00	6.489	210	142
7b	2009-89	SE	October 2009	31398FZ20	(2)	INV/IO	November 2039	NTL	158,561,522	0.04280560	6,787,321.09	6.561	205	145
7b	2009-91	S	October 2009	31398FTJ0	(2)	INV/IO	November 2039	NTL	131,066,118	0.05332721	5,389,574.10	6.442	204	147
7c	2009-97	SD	October 2009	31398FUP4	(2)	INV/IO	November 2039	NTL	100,000,000	0.04553462	4,553,462.00	6.489	210	142
7d	2008-64	CI	July 2008	31397MFX0	(2)	INV/IO	August 2038	NTL	150,000,000	0.03141238	4,711,857.00	6.519	233	119
7e	2010-153	SI	December 2010	31398S3H4	(2)	INV/IO	January 2041	NTL	130,664,842	0.03915183	4,267,549.47	6.668	225	126
7f	2010-117	SE	September 2010	31398NQ98	(2)	INV/IO	October 2040	NTL	84,685,714	0.04654147	985,349.38	6.615	224	125

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

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

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

### Group 8 Underlying REMIC Certificates and Subgroup 8e SMBS

Subgroup	Underlying Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Notional Principal Balance of Class	May 2018 Class Factor	Notional Principal Balance in the Lower Tier REMIC	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
8a	2007-100	SL	September 2007	31396XXP4	(2)	INV/IO	October 2037	NTL	\$ 140,000,000	0.05733444	\$6,306,788.40	6.937%	222	129
8a	2010-2	SJ	January 2010	31398G5S4	(2)	INV/IO	October 2039	NTL	96,714,028	0.09400365	4,371,169.73	7.035	207	140
8b	2007-15	AI	February 2007	31396PWK3	(2)	INV/IO	March 2037	NTL	300,000,000	0.06233432	5,399,741.64	7.197	191	159
8c	2011-16	SA	February 2011	31397SAE4	(2)	INV/IO	March 2041	NTL	55,000,000	0.10340511	5,687,281.05	6.969	214	136
8d	2008-46	MI	May 2008	31397LRZ4	(2)	INV/IO	June 2038	NTL	75,000,000	0.05091625	3,818,718.75	6.944	231	121
8e	SMBS 380	S7	June 2007	3136FFCD9	(2)	INV/IO	July 2037	NTL	2,205,357,142	0.02755993	4,519,828.52	7.028	209	140
8f	2008-1	DI	January 2008	31396YDC3	(2)	INV/IO	February 2038	NTL	100,000,000	0.05521631	3,036,897.05	7.096	226	126
8g	2014-29	SA	April 2014	3136AJV52	(2)	INV/IO	May 2044	NTL	23,758,113	0.34478954	8,191,548.85	7.021	184	165

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

(2) These classes bear interest as described in the related Underlying REMIC Disclosure Documents or SMBS Supplement, as applicable.

### Group 9 Underlying REMIC Certificate

Underlying REMIC Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Notional Principal Balance of Class	May 2018 Class Factor	Notional Principal Balance in the Lower Tier REMIC	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
2011-60	IA	June 2011	31397UZ77	5.5%	FIX/IO	June 2039	NTL	\$44,212,443	0.13291640	\$5,876,558.76	(2)	(2)	(2)

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

(2) The Group 9 Underlying REMIC Certificate is backed by the Class 379-2 SMBS Certificate and by the Class 2009-42-AB and WA REMIC Certificates.

The Class 379-2 SMBS Certificate backing the Group 9 Underlying REMIC Certificate has the following characteristics:

Class	Interest Type	Principal Type	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
379-2	FIX/IO	NTL	6.108%	215	135

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

The Class 2009-42-AB REMIC Certificate is backed by the Fannie Mae REMIC and RCR certificates and Fannie Mae SMBS certificates listed below having the following characteristics:

<u>Class</u>	<u>Interest Type</u>	<u>Principal Type</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2007-50-UO	PO	PT	*	*	*
2007-71-OM	PO	PT	6.589%	221	132
334-1	FIX/IO	NTL	6.250	161	186
359-13	FIX/IO	NTL	6.088	191	158

\* The Class 2007-50-UO RCR Certificate is formed from a combination of the Fannie Mae REMIC certificates listed below having the following characteristics:

<u>Class</u>	<u>Interest Type</u>	<u>Principal Type</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2007-50-DO	PO	PT	6.548%	214	133
2007-50-LO	PO	PT	6.558	217	133

The Class 2009-42-WA REMIC Certificate is backed by the Fannie Mae REMIC and RCR certificates and Fannie Mae SMBS certificates listed below having the following characteristics:

<u>Class</u>	<u>Interest Type</u>	<u>Principal Type</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2007-50-UO	PO	PT	*	*	*
2008-91-XI	FIX/IO	NTL	**	**	**
356-15	FIX/IO	NTL	6.021%	180	167
379-1	PO	PT	6.108	215	135

\* The Class 2007-50-UO RCR Certificate is formed from a combination of the Fannie Mae REMIC certificates listed below having the following characteristics:

<u>Class</u>	<u>Interest Type</u>	<u>Principal Type</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2007-50-DO	PO	PT	6.548%	214	133
2007-50-LO	PO	PT	6.558	217	133

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

\*\* The Class 2008-91-XI REMIC Certificate is backed by the Fannie Mae REMIC Certificates listed below having the following characteristics:

<u>Class</u>	<u>Interest Type</u>	<u>Principal Type</u>	<u>Approximate Weighted Average WAC</u>	<u>Approximate Weighted Average WAM (in months)</u>	<u>Approximate Weighted Average WALA (in months)</u>
2007-50-GF†	FLT/IO	NTL	6.118%	198	147
2007-50-SG†	INV/IO	NTL	6.118	198	147

† The Class 2007-50-GF and Class 2007-50-SG REMIC Certificates are backed by the Class 378-10 SMBS Certificate, which is a Fixed Rate Interest Only Class.

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



## Schedule 1

## Available Recombinations(1)

REMIC Certificates		RCR Certificates						Final Distribution Date
Classes	Original Balances	RCR Class	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	
<b>Recombination 1</b>								
AV	\$ 6,082,000	NY(3)	\$ 16,979,000	PAC/AD	4.00%	FIX	3136B2GH9	June 2048
AZ	10,897,000							
<b>Recombination 2</b>								
NB	121,215,000	NC	121,215,000	PAC/AD	3.25	FIX	3136B2GJ5	November 2046
NI	6,734,166(4)							
<b>Recombination 3</b>								
NB	121,215,000	ND	121,215,000	PAC/AD	3.50	FIX	3136B2GK2	November 2046
NI	13,468,333(4)							
<b>Recombination 4</b>								
NB	121,215,000	NE	121,215,000	PAC/AD	3.75	FIX	3136B2GL0	November 2046
NI	20,202,499(4)							
<b>Recombination 5</b>								
NB	121,215,000	NA	121,215,000	PAC/AD	4.00	FIX	3136B2GM8	November 2046
NI	26,936,666(4)							
<b>Recombination 6</b>								
FL	26,819,545	FT	62,500,000	PT	(5)	FLT	3136B2GN6	June 2048
FM	35,680,455							
<b>Recombination 7</b>								
SL	26,819,545(4)	MS	62,500,000(4)	NTL	(5)	INV/IO	3136B2GP1	June 2048
SM	35,680,455(4)							
<b>Recombination 8</b>								
KV	10,658,365	KB(6)	42,857,143	SEQ	4.00	FIX	3136B2GQ9	June 2048
VK	13,117,978							
KZ	19,080,800							

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Class	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
<b>Recombination 9</b>								
JV	\$ 2,794,682	JB(7)	\$ 7,155,300	SEQ	4.50%	FIX	3136B2GR7	June 2048
JZ	4,360,618							
<b>Recombination 10</b>								
TA	818,937(4)	IB	9,005,035(4)	NTL	(8)	WAC/IO	3136B2GS5	June 2041
TB	2,952,766(4)							
TC	583,466(4)							
TD	2,669,973(4)							
TE	1,979,893(4)							
<b>Recombination 11</b>								
TG	1,217,689(4)	IC	4,598,639(4)	NTL	(8)	WAC/IO	3136B2GT3	January 2041
TJ	235,592(4)							
TK	1,920,397(4)							
LT	541,942(4)							
TH	683,019(4)							
<b>Recombination 12</b>								
MT	5,766,097(4)	ID	14,534,178(4)	NTL	(8)	WAC/IO	3136B2GU0	May 2044
TN	2,537,878(4)							
TQ	534,620(4)							
TS	2,666,698(4)							
TU	1,062,914(4)							
TW	1,965,971(4)							
<b>Recombination 13</b>								
VA	23,731,000	DY(9)	100,569,000	SEQ	3.50	FIX	3136B2GV8	June 2048
VB	27,284,000							
ZD	49,554,000							
<b>Recombination 14</b>								
VA	23,731,000	DV	51,015,000	SEQ/AD	3.50	FIX	3136B2GW6	October 2038
VB	27,284,000							

- 
- (1) REMIC Certificates and RCR Certificates in any Recombination may be exchanged only in the proportions of *original* principal or notional principal balances for the related Classes shown in this Schedule 1 (disregarding any retired Classes). For example, if a particular Recombination includes two REMIC Classes and one RCR Class whose *original* principal balances shown in the schedule reflect a 1:1:2 relationship, the same 1:1:2 relationship among the *original* principal balances of those REMIC and RCR Classes must be maintained in any exchange. This is true even if, as a result of the applicable payment priority sequence, the relationship between their *current* principal balances has changed over time. Moreover, if as a result of a proposed exchange, a Certificateholder would hold a REMIC Certificate or RCR Certificate of a Class in an amount less than the applicable minimum denomination for that Class, the Certificateholder will be unable to effect the proposed exchange. See “Description of the Certificates—General— *Authorized Denominations*” in this prospectus supplement.
  - (2) See “Description of the Certificates—Class Definitions and Abbreviations” in the REMIC Prospectus.
  - (3) Principal payments on the REMIC Certificates in Recombination 1 from the AZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.
  - (4) Notional principal balances. These Classes are interest only Classes. See page S-10 for a description of how their notional principal balances are calculated.
  - (5) For a description of these interest rates, see “Summary – Interest Rates” in this prospectus supplement.
  - (6) Principal payments on the REMIC Certificates in Recombination 8 from the KZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.
  - (7) Principal payments on the REMIC Certificates in Recombination 9 from the JZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.
  - (8) For a description of these interest rates, see “Description of the Certificates – Distributions of Interest” in this prospectus supplement.
  - (9) Principal payments on the REMIC Certificates in Recombination 13 from the ZD 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 Planned Balances*

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance .....	\$138,194,000.00	February 2023 .....	\$ 73,354,320.43	November 2027 .....	\$ 32,194,324.66
June 2018 .....	137,341,182.43	March 2023 .....	72,384,559.75	December 2027 .....	31,715,353.88
July 2018 .....	136,450,962.91	April 2023 .....	71,422,266.54	January 2028 .....	31,242,955.46
August 2018 .....	135,523,856.67	May 2023 .....	70,467,377.46	February 2028 .....	30,777,042.96
September 2018 .....	134,560,407.16	June 2023 .....	69,519,829.71	March 2028 .....	30,317,531.06
October 2018 .....	133,561,185.44	July 2023 .....	68,579,560.95	April 2028 .....	29,864,335.54
November 2018 .....	132,526,789.64	August 2023 .....	67,646,509.34	May 2028 .....	29,417,373.25
December 2018 .....	131,457,844.32	September 2023 .....	66,720,613.53	June 2028 .....	28,976,562.12
January 2019 .....	130,354,999.84	October 2023 .....	65,801,812.63	July 2028 .....	28,541,821.13
February 2019 .....	129,218,931.67	November 2023 .....	64,890,046.24	August 2028 .....	28,113,070.29
March 2019 .....	128,050,339.63	December 2023 .....	63,985,254.45	September 2028 .....	27,690,230.65
April 2019 .....	126,849,947.20	January 2024 .....	63,087,377.78	October 2028 .....	27,273,224.27
May 2019 .....	125,618,500.69	February 2024 .....	62,196,357.26	November 2028 .....	26,861,974.21
June 2019 .....	124,356,768.44	March 2024 .....	61,312,134.34	December 2028 .....	26,456,404.52
July 2019 .....	123,065,540.01	April 2024 .....	60,438,748.56	January 2029 .....	26,056,440.22
August 2019 .....	121,745,625.23	May 2024 .....	59,577,084.03	February 2029 .....	25,662,007.32
September 2019 .....	120,397,853.39	June 2024 .....	58,726,988.55	March 2029 .....	25,273,032.75
October 2019 .....	119,060,713.44	July 2024 .....	57,888,311.86	April 2029 .....	24,889,444.40
November 2019 .....	117,734,117.23	August 2024 .....	57,060,905.60	May 2029 .....	24,511,171.07
December 2019 .....	116,417,977.30	September 2024 .....	56,244,623.32	June 2029 .....	24,138,142.49
January 2020 .....	115,112,206.85	October 2024 .....	55,439,320.42	July 2029 .....	23,770,289.29
February 2020 .....	113,816,719.80	November 2024 .....	54,644,854.15	August 2029 .....	23,407,543.00
March 2020 .....	112,531,430.72	December 2024 .....	53,861,083.58	September 2029 .....	23,049,836.03
April 2020 .....	111,256,254.87	January 2025 .....	53,087,869.57	October 2029 .....	22,697,101.64
May 2020 .....	109,991,108.16	February 2025 .....	52,325,074.75	November 2029 .....	22,349,273.99
June 2020 .....	108,735,907.17	March 2025 .....	51,572,563.52	December 2029 .....	22,006,288.04
July 2020 .....	107,490,569.13	April 2025 .....	50,830,201.98	January 2030 .....	21,668,079.63
August 2020 .....	106,255,011.93	May 2025 .....	50,097,857.97	February 2030 .....	21,334,585.40
September 2020 .....	105,029,154.10	June 2025 .....	49,375,401.00	March 2030 .....	21,005,742.82
October 2020 .....	103,812,914.80	July 2025 .....	48,662,702.23	April 2030 .....	20,681,490.17
November 2020 .....	102,606,213.84	August 2025 .....	47,959,634.50	May 2030 .....	20,361,766.52
December 2020 .....	101,408,971.66	September 2025 .....	47,266,072.23	June 2030 .....	20,046,511.72
January 2021 .....	100,221,109.31	October 2025 .....	46,581,891.48	July 2030 .....	19,735,666.39
February 2021 .....	99,042,548.47	November 2025 .....	45,906,969.87	August 2030 .....	19,429,171.95
March 2021 .....	97,873,211.44	December 2025 .....	45,241,186.58	September 2030 .....	19,126,970.55
April 2021 .....	96,713,021.11	January 2026 .....	44,584,422.36	October 2030 .....	18,829,005.09
May 2021 .....	95,561,901.01	February 2026 .....	43,936,559.46	November 2030 .....	18,535,219.20
June 2021 .....	94,419,775.24	March 2026 .....	43,297,481.64	December 2030 .....	18,245,557.26
July 2021 .....	93,286,568.51	April 2026 .....	42,667,074.13	January 2031 .....	17,959,964.36
August 2021 .....	92,162,206.11	May 2026 .....	42,045,223.66	February 2031 .....	17,678,386.28
September 2021 .....	91,046,613.93	June 2026 .....	41,431,818.37	March 2031 .....	17,400,769.53
October 2021 .....	89,939,718.44	July 2026 .....	40,826,747.87	April 2031 .....	17,127,061.30
November 2021 .....	88,841,446.67	August 2026 .....	40,229,903.15	May 2031 .....	16,857,209.45
December 2021 .....	87,751,726.24	September 2026 .....	39,641,176.60	June 2031 .....	16,591,162.54
January 2022 .....	86,670,485.35	October 2026 .....	39,060,461.99	July 2031 .....	16,328,869.78
February 2022 .....	85,597,652.72	November 2026 .....	38,487,654.46	August 2031 .....	16,070,281.03
March 2022 .....	84,533,157.68	December 2026 .....	37,922,650.47	September 2031 .....	15,815,346.83
April 2022 .....	83,476,930.07	January 2027 .....	37,365,347.83	October 2031 .....	15,564,018.31
May 2022 .....	82,428,900.32	February 2027 .....	36,815,645.63	November 2031 .....	15,316,247.29
June 2022 .....	81,388,999.37	March 2027 .....	36,273,444.27	December 2031 .....	15,071,986.17
July 2022 .....	80,357,158.73	April 2027 .....	35,738,645.42	January 2032 .....	14,831,188.00
August 2022 .....	79,333,310.44	May 2027 .....	35,211,152.01	February 2032 .....	14,593,806.40
September 2022 .....	78,317,387.05	June 2027 .....	34,690,868.22	March 2032 .....	14,359,795.63
October 2022 .....	77,309,321.67	July 2027 .....	34,177,699.45	April 2032 .....	14,129,110.53
November 2022 .....	76,309,047.91	August 2027 .....	33,671,552.31	May 2032 .....	13,901,706.51
December 2022 .....	75,316,499.93	September 2027 .....	33,172,334.60	June 2032 .....	13,677,539.57
January 2023 .....	74,331,612.38	October 2027 .....	32,679,955.34	July 2032 .....	13,456,566.30

# Aggregate Group (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
August 2032 .....	\$ 13,238,743.82	June 2037 .....	\$ 4,782,063.87	April 2042 .....	\$ 1,293,532.48
September 2032 .....	13,024,029.84	July 2037 .....	4,691,077.56	May 2042 .....	1,257,675.54
October 2032 .....	12,812,382.58	August 2037 .....	4,601,474.34	June 2042 .....	1,222,423.29
November 2032 .....	12,603,760.84	September 2037 .....	4,513,235.04	July 2042 .....	1,187,766.97
December 2032 .....	12,398,123.93	October 2037 .....	4,426,340.74	August 2042 .....	1,153,697.89
January 2033 .....	12,195,431.71	November 2037 .....	4,340,772.77	September 2042 .....	1,120,207.52
February 2033 .....	11,995,644.55	December 2037 .....	4,256,512.68	October 2042 .....	1,087,287.43
March 2033 .....	11,798,723.33	January 2038 .....	4,173,542.31	November 2042 .....	1,054,929.31
April 2033 .....	11,604,629.45	February 2038 .....	4,091,843.70	December 2042 .....	1,023,124.95
May 2033 .....	11,413,324.81	March 2038 .....	4,011,399.15	January 2043 .....	991,866.26
June 2033 .....	11,224,771.80	April 2038 .....	3,932,191.20	February 2043 .....	961,145.26
July 2033 .....	11,038,933.31	May 2038 .....	3,854,202.60	March 2043 .....	930,954.09
August 2033 .....	10,855,772.70	June 2038 .....	3,777,416.34	April 2043 .....	901,284.98
September 2033 .....	10,675,253.81	July 2038 .....	3,701,815.64	May 2043 .....	872,130.27
October 2033 .....	10,497,340.96	August 2038 .....	3,627,383.94	June 2043 .....	843,482.40
November 2033 .....	10,321,998.94	September 2038 .....	3,554,104.90	July 2043 .....	815,333.92
December 2033 .....	10,149,192.98	October 2038 .....	3,481,962.39	August 2043 .....	787,677.49
January 2034 .....	9,978,888.77	November 2038 .....	3,410,940.50	September 2043 .....	760,505.86
February 2034 .....	9,811,052.45	December 2038 .....	3,341,023.54	October 2043 .....	733,811.87
March 2034 .....	9,645,650.61	January 2039 .....	3,272,196.01	November 2043 .....	707,588.48
April 2034 .....	9,482,650.27	February 2039 .....	3,204,442.63	December 2043 .....	681,828.72
May 2034 .....	9,322,018.87	March 2039 .....	3,137,748.32	January 2044 .....	656,525.74
June 2034 .....	9,163,724.28	April 2039 .....	3,072,098.21	February 2044 .....	631,672.77
July 2034 .....	9,007,734.81	May 2039 .....	3,007,477.60	March 2044 .....	607,263.13
August 2034 .....	8,854,019.16	June 2039 .....	2,943,872.02	April 2044 .....	583,290.24
September 2034 .....	8,702,546.45	July 2039 .....	2,881,267.17	May 2044 .....	559,747.61
October 2034 .....	8,553,286.19	August 2039 .....	2,819,648.96	June 2044 .....	536,628.84
November 2034 .....	8,406,208.31	September 2039 .....	2,759,003.46	July 2044 .....	513,927.60
December 2034 .....	8,261,283.11	October 2039 .....	2,699,316.95	August 2044 .....	491,637.68
January 2035 .....	8,118,481.31	November 2039 .....	2,640,575.88	September 2044 .....	469,752.92
February 2035 .....	7,977,773.99	December 2039 .....	2,582,766.90	October 2044 .....	448,267.28
March 2035 .....	7,839,132.60	January 2040 .....	2,525,876.82	November 2044 .....	427,174.76
April 2035 .....	7,702,528.99	February 2040 .....	2,469,892.62	December 2044 .....	406,469.48
May 2035 .....	7,567,935.37	March 2040 .....	2,414,801.48	January 2045 .....	386,145.63
June 2035 .....	7,435,324.30	April 2040 .....	2,360,590.73	February 2045 .....	366,197.48
July 2035 .....	7,304,668.71	May 2040 .....	2,307,247.87	March 2045 .....	346,619.37
August 2035 .....	7,175,941.89	June 2040 .....	2,254,760.59	April 2045 .....	327,405.72
September 2035 .....	7,049,117.48	July 2040 .....	2,203,116.72	May 2045 .....	308,551.04
October 2035 .....	6,924,169.45	August 2040 .....	2,152,304.27	June 2045 .....	290,049.91
November 2035 .....	6,801,072.13	September 2040 .....	2,102,311.39	July 2045 .....	271,896.98
December 2035 .....	6,679,800.18	October 2040 .....	2,053,126.41	August 2045 .....	254,086.97
January 2036 .....	6,560,328.60	November 2040 .....	2,004,737.80	September 2045 .....	236,614.70
February 2036 .....	6,442,632.70	December 2040 .....	1,957,134.21	October 2045 .....	219,475.01
March 2036 .....	6,326,688.12	January 2041 .....	1,910,304.41	November 2045 .....	202,662.87
April 2036 .....	6,212,470.85	February 2041 .....	1,864,237.35	December 2045 .....	186,173.29
May 2036 .....	6,099,957.15	March 2041 .....	1,818,922.10	January 2046 .....	170,001.33
June 2036 .....	5,989,123.63	April 2041 .....	1,774,347.91	February 2046 .....	154,142.17
July 2036 .....	5,879,947.18	May 2041 .....	1,730,504.15	March 2046 .....	138,591.01
August 2036 .....	5,772,405.01	June 2041 .....	1,687,380.33	April 2046 .....	123,343.14
September 2036 .....	5,666,474.62	July 2041 .....	1,644,966.13	May 2046 .....	108,393.91
October 2036 .....	5,562,133.83	August 2041 .....	1,603,251.33	June 2046 .....	93,738.73
November 2036 .....	5,459,360.73	September 2041 .....	1,562,225.89	July 2046 .....	79,373.08
December 2036 .....	5,358,133.69	October 2041 .....	1,521,879.87	August 2046 .....	65,292.51
January 2037 .....	5,258,431.39	November 2041 .....	1,482,203.49	September 2046 .....	51,492.62
February 2037 .....	5,160,232.78	December 2041 .....	1,443,187.07	October 2046 .....	37,969.07
March 2037 .....	5,063,517.08	January 2042 .....	1,404,821.10	November 2046 .....	24,717.59
April 2037 .....	4,968,263.81	February 2042 .....	1,367,096.17	December 2046 .....	11,733.96
May 2037 .....	4,874,452.72	March 2042 .....	1,330,003.01	January 2047 and thereafter .....	0.00

## NZ Class Targeted Balances

<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>
Initial Balance .....	\$16,528,000.00	April 2023 .....	\$ 9,129,877.92	March 2028 .....	\$ 8,107,416.62
June 2018 .....	16,413,360.00	May 2023 .....	9,117,449.77	April 2028 .....	8,063,599.07
July 2018 .....	16,288,997.10	June 2023 .....	9,108,388.52	May 2028 .....	8,019,215.47
August 2018 .....	16,155,189.77	July 2023 .....	9,102,642.44	June 2028 .....	7,974,286.61
September 2018 .....	16,012,233.91	August 2023 .....	9,100,160.51	July 2028 .....	7,928,832.88
October 2018 .....	15,860,442.39	September 2023 .....	9,100,160.51	August 2028 .....	7,882,874.26
November 2018 .....	15,700,144.44	October 2023 .....	9,100,160.51	September 2028 .....	7,836,430.33
December 2018 .....	15,531,685.10	November 2023 .....	9,100,160.51	October 2028 .....	7,789,520.29
January 2019 .....	15,355,424.56	December 2023 .....	9,100,160.51	November 2028 .....	7,742,162.96
February 2019 .....	15,171,737.49	January 2024 .....	9,100,160.51	December 2028 .....	7,694,376.78
March 2019 .....	14,981,012.39	February 2024 .....	9,100,160.51	January 2029 .....	7,646,179.81
April 2019 .....	14,783,650.78	March 2024 .....	9,100,160.51	February 2029 .....	7,597,589.74
May 2019 .....	14,580,066.48	April 2024 .....	9,100,160.51	March 2029 .....	7,548,623.92
June 2019 .....	14,370,684.82	May 2024 .....	9,100,160.51	April 2029 .....	7,499,299.33
July 2019 .....	14,155,941.74	June 2024 .....	9,100,160.51	May 2029 .....	7,449,632.64
August 2019 .....	13,936,283.07	July 2024 .....	9,100,160.51	June 2029 .....	7,399,640.12
September 2019 .....	13,712,163.52	August 2024 .....	9,100,160.51	July 2029 .....	7,349,337.76
October 2019 .....	13,494,528.44	September 2024 .....	9,100,160.51	August 2029 .....	7,298,741.19
November 2019 .....	13,283,285.25	October 2024 .....	9,100,160.51	September 2029 .....	7,247,865.70
December 2019 .....	13,078,342.53	November 2024 .....	9,100,160.51	October 2029 .....	7,196,726.31
January 2020 .....	12,879,610.08	December 2024 .....	9,100,160.51	November 2029 .....	7,145,337.66
February 2020 .....	12,686,998.81	January 2025 .....	9,099,849.17	December 2029 .....	7,093,714.17
March 2020 .....	12,500,420.80	February 2025 .....	9,097,758.35	January 2030 .....	7,041,869.87
April 2020 .....	12,319,789.23	March 2025 .....	9,093,931.19	February 2030 .....	6,989,818.54
May 2020 .....	12,145,018.44	April 2025 .....	9,088,410.09	March 2030 .....	6,937,573.65
June 2020 .....	11,976,023.83	May 2025 .....	9,081,236.70	April 2030 .....	6,885,148.38
July 2020 .....	11,812,721.92	June 2025 .....	9,072,451.91	May 2030 .....	6,832,555.63
August 2020 .....	11,655,030.28	July 2025 .....	9,062,095.92	June 2030 .....	6,779,808.04
September 2020 .....	11,502,867.58	August 2025 .....	9,050,208.18	July 2030 .....	6,726,917.95
October 2020 .....	11,356,153.52	September 2025 .....	9,036,827.46	August 2030 .....	6,673,897.43
November 2020 .....	11,214,808.83	October 2025 .....	9,021,991.82	September 2030 .....	6,620,758.30
December 2020 .....	11,078,755.28	November 2025 .....	9,005,738.63	October 2030 .....	6,567,512.11
January 2021 .....	10,947,915.68	December 2025 .....	8,988,104.63	November 2030 .....	6,514,170.17
February 2021 .....	10,822,213.80	January 2026 .....	8,969,125.83	December 2030 .....	6,460,743.50
March 2021 .....	10,701,574.42	February 2026 .....	8,948,837.65	January 2031 .....	6,407,242.92
April 2021 .....	10,585,923.33	March 2026 .....	8,927,274.83	February 2031 .....	6,353,678.98
May 2021 .....	10,475,187.22	April 2026 .....	8,904,471.51	March 2031 .....	6,300,061.99
June 2021 .....	10,369,293.81	May 2026 .....	8,880,461.17	April 2031 .....	6,246,402.04
July 2021 .....	10,268,171.72	June 2026 .....	8,855,276.73	May 2031 .....	6,192,708.97
August 2021 .....	10,171,750.53	July 2026 .....	8,828,950.45	June 2031 .....	6,138,992.41
September 2021 .....	10,079,960.72	August 2026 .....	8,801,514.03	July 2031 .....	6,085,261.75
October 2021 .....	9,992,733.71	September 2026 .....	8,772,998.60	August 2031 .....	6,031,526.18
November 2021 .....	9,910,001.80	October 2026 .....	8,743,434.68	September 2031 .....	5,977,794.66
December 2021 .....	9,831,698.20	November 2026 .....	8,712,852.24	October 2031 .....	5,924,075.96
January 2022 .....	9,757,756.97	December 2026 .....	8,681,280.71	November 2031 .....	5,870,378.59
February 2022 .....	9,688,113.09	January 2027 .....	8,648,748.95	December 2031 .....	5,816,710.93
March 2022 .....	9,622,702.35	February 2027 .....	8,615,285.29	January 2032 .....	5,763,081.09
April 2022 .....	9,561,461.43	March 2027 .....	8,580,917.54	February 2032 .....	5,709,497.04
May 2022 .....	9,504,327.81	April 2027 .....	8,545,672.97	March 2032 .....	5,655,966.51
June 2022 .....	9,451,239.85	May 2027 .....	8,509,578.36	April 2032 .....	5,602,497.06
July 2022 .....	9,402,136.68	June 2027 .....	8,472,659.94	May 2032 .....	5,549,096.08
August 2022 .....	9,356,958.26	July 2027 .....	8,434,943.50	June 2032 .....	5,495,770.75
September 2022 .....	9,315,645.38	August 2027 .....	8,396,454.30	July 2032 .....	5,442,528.06
October 2022 .....	9,278,139.58	September 2027 .....	8,357,217.15	August 2032 .....	5,389,374.87
November 2022 .....	9,244,383.20	October 2027 .....	8,317,256.34	September 2032 .....	5,336,317.81
December 2022 .....	9,214,319.34	November 2027 .....	8,276,595.75	October 2032 .....	5,283,363.38
January 2023 .....	9,187,891.88	December 2027 .....	8,235,258.76	November 2032 .....	5,230,517.90
February 2023 .....	9,165,045.46	January 2028 .....	8,193,268.31	December 2032 .....	5,177,787.52
March 2023 .....	9,145,725.44	February 2028 .....	8,150,646.91	January 2033 .....	5,125,178.23



# **NZ Class (Continued)**

<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>
February 2033 .....	\$ 5,072,695.85	February 2037 .....	\$ 2,783,982.99	February 2041 .....	\$ 1,085,194.34
March 2033 .....	5,020,346.08	March 2037 .....	2,742,224.01	March 2041 .....	1,056,326.26
April 2033 .....	4,968,134.42	April 2037 .....	2,700,733.55	April 2041 .....	1,027,713.33
May 2033 .....	4,916,066.26	May 2037 .....	2,659,512.34	May 2041 .....	999,354.60
June 2033 .....	4,864,146.80	June 2037 .....	2,618,560.97	June 2041 .....	971,249.11
July 2033 .....	4,812,381.14	July 2037 .....	2,577,880.04	July 2041 .....	943,395.85
August 2033 .....	4,760,774.21	August 2037 .....	2,537,470.09	August 2041 .....	915,793.83
September 2033 .....	4,709,330.80	September 2037 .....	2,497,331.56	September 2041 .....	888,442.00
October 2033 .....	4,658,055.59	October 2037 .....	2,457,464.88	October 2041 .....	861,339.35
November 2033 .....	4,606,953.07	November 2037 .....	2,417,870.42	November 2041 .....	834,484.81
December 2033 .....	4,556,027.65	December 2037 .....	2,378,548.49	December 2041 .....	807,877.33
January 2034 .....	4,505,283.60	January 2038 .....	2,339,499.36	January 2042 .....	781,515.82
February 2034 .....	4,454,725.05	February 2038 .....	2,300,723.27	February 2042 .....	755,399.19
March 2034 .....	4,404,356.00	March 2038 .....	2,262,220.36	March 2042 .....	729,526.35
April 2034 .....	4,354,180.34	April 2038 .....	2,223,990.78	April 2042 .....	703,896.16
May 2034 .....	4,304,201.84	May 2038 .....	2,186,034.61	May 2042 .....	678,507.51
June 2034 .....	4,254,424.16	June 2038 .....	2,148,351.89	June 2042 .....	653,359.28
July 2034 .....	4,204,850.81	July 2038 .....	2,110,942.61	July 2042 .....	628,450.28
August 2034 .....	4,155,485.22	August 2038 .....	2,073,806.74	August 2042 .....	603,779.39
September 2034 .....	4,106,330.68	September 2038 .....	2,036,944.18	September 2042 .....	579,345.43
October 2034 .....	4,057,390.42	October 2038 .....	2,000,354.81	October 2042 .....	555,147.22
November 2034 .....	4,008,667.51	November 2038 .....	1,964,038.48	November 2042 .....	531,183.57
December 2034 .....	3,960,164.94	December 2038 .....	1,927,994.98	December 2042 .....	507,453.30
January 2035 .....	3,911,885.59	January 2039 .....	1,892,224.07	January 2043 .....	483,955.20
February 2035 .....	3,863,832.23	February 2039 .....	1,856,725.48	February 2043 .....	460,688.07
March 2035 .....	3,816,007.56	March 2039 .....	1,821,498.91	March 2043 .....	437,650.67
April 2035 .....	3,768,414.14	April 2039 .....	1,786,543.99	April 2043 .....	414,841.78
May 2035 .....	3,721,054.48	May 2039 .....	1,751,860.38	May 2043 .....	392,260.18
June 2035 .....	3,673,930.96	June 2039 .....	1,717,447.66	June 2043 .....	369,904.64
July 2035 .....	3,627,045.90	July 2039 .....	1,683,305.37	July 2043 .....	347,773.90
August 2035 .....	3,580,401.49	August 2039 .....	1,649,433.06	August 2043 .....	325,866.71
September 2035 .....	3,533,999.86	September 2039 .....	1,615,830.22	September 2043 .....	304,181.82
October 2035 .....	3,487,843.06	October 2039 .....	1,582,496.32	October 2043 .....	282,717.97
November 2035 .....	3,441,933.04	November 2039 .....	1,549,430.82	November 2043 .....	261,473.89
December 2035 .....	3,396,271.66	December 2039 .....	1,516,633.09	December 2043 .....	240,448.32
January 2036 .....	3,350,860.70	January 2040 .....	1,484,102.55	January 2044 .....	219,639.97
February 2036 .....	3,305,701.89	February 2040 .....	1,451,838.56	February 2044 .....	199,047.57
March 2036 .....	3,260,796.86	March 2040 .....	1,419,840.43	March 2044 .....	178,669.85
April 2036 .....	3,216,147.14	April 2040 .....	1,388,107.49	April 2044 .....	158,505.51
May 2036 .....	3,171,754.24	May 2040 .....	1,356,639.02	May 2044 .....	138,553.27
June 2036 .....	3,127,619.53	June 2040 .....	1,325,434.27	June 2044 .....	118,811.82
July 2036 .....	3,083,744.37	July 2040 .....	1,294,492.48	July 2044 .....	99,279.90
August 2036 .....	3,040,130.02	August 2040 .....	1,263,812.87	August 2044 .....	79,956.18
September 2036 .....	2,996,777.68	September 2040 .....	1,233,394.63	September 2044 .....	60,839.37
October 2036 .....	2,953,688.44	October 2040 .....	1,203,236.94	October 2044 .....	41,928.17
November 2036 .....	2,910,863.39	November 2040 .....	1,173,338.95	November 2044 .....	23,221.30
December 2036 .....	2,868,303.53	December 2040 .....	1,143,699.77	December 2044 .....	4,717.43
January 2037 .....	2,826,009.77	January 2041 .....	1,114,318.55	January 2045 and thereafter .....	0.00



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**\$1,304,286,492**



**Guaranteed REMIC  
Pass-Through Certificates**

**Fannie Mae REMIC Trust 2018-45**

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## PROSPECTUS SUPPLEMENT

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**BofA Merrill Lynch**

**May 25, 2018**

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