

**\$530,922,197**



**FannieMae®**

**Guaranteed REMIC Pass-Through Certificates  
Fannie Mae REMIC Trust 2018-9**

**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.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
LA(2) . . . .	1	\$122,882,000	PAC/AD	3.5%	FIX	3136B0K70	April 2045
LM(2) . . .	1	17,583,000	PAC/AD	3.5	FIX	3136B0L46	February 2047
PL(2) . . . .	1	11,098,000	PAC/AD	3.5	FIX	3136B0L53	February 2048
ZA . . . . .	1	24,446,376	SUP	3.5	FIX/Z	3136B0L61	February 2048
A(2) . . . . .	2	26,467,000	SEQ/AD	3.0	FIX	3136B0L79	November 2046
AZ(2) . . . .	2	1,130,012	SEQ	3.0	FIX/Z	3136B0L87	February 2048
FA . . . . .	2	20,697,758	PT	(3)	FLT	3136B0L95	February 2048
SA . . . . .	2	20,697,758(4)	NTL	(3)	INV/IO	3136B0M29	February 2048
B(2) . . . . .	3	19,003,000	SEQ/AD	3.0	FIX	3136B0M37	November 2047
BZ(2) . . . .	3	160,021	SEQ	3.0	FIX/Z	3136B0M45	February 2048
BI . . . . .	3	6,387,673(4)	NTL	4.5	FIX/IO	3136B0M52	February 2048
J(2) . . . . .	4	64,662,000	SEQ	3.0	FIX	3136B0M60	July 2042
JM(2) . . . .	4	8,369,000	SEQ	3.0	FIX	3136B0M78	March 2044
HL(2) . . . .	4	3,957,000	SEQ	3.0	FIX	3136B0M86	December 2044
VE . . . . .	4	4,028,000	SEQ/AD	3.0	FIX	3136B0M94	June 2029
EV . . . . .	4	5,338,000	SEQ/AD	3.0	FIX	3136B0N28	March 2040
EZ . . . . .	4	10,000,000	SEQ	3.0	FIX/Z	3136B0N36	February 2048

**The Fannie Mae Guaranty**

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

**The Trust and its Assets**

The trust will own

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

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

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The LB, LI, LC, LD, LE, LG, PD, PI, PC, PB, PE, PA, MD, MI, MC, MB, ME, MA, LN, GA, GZ, JL, E, H, QG, QI, QB, QC, QD, QE, NB, NI, NC, ND, NE, NA, NL, QM and AL Classes are the RCR Classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and “Description of the Certificates—Combination and Recombination—RCR Certificates” in the REMIC prospectus.

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

*(Table continued on next page)*

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

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

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

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

**Nomura**

January 25, 2018

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
QA(2) .	5	\$ 86,167,000	PAC/AD	3.0%	FIX	3136B0N44	March 2045
QL(2) .	5	4,572,000	PAC/AD	3.0	FIX	3136B0N51	November 2045
NV(2) .	5	4,936,000	PAC/AD	3.0	FIX	3136B0N69	June 2029
NZ(2) .	5	12,253,000	PAC/AD	3.0	FIX/Z	3136B0N77	February 2048
ZN . . .	5	10,847,445	SUP	3.0	FIX/Z	3136B0N85	February 2048
FN . . .	5	47,510,177	PT	(3)	FLT	3136B0N93	February 2048
SN . . .	5	47,510,177(4)	NTL	(3)	INV/IO	3136B0P26	February 2048
VA(2) .	6	6,247,000	SC/SEQ/AD	3.5	FIX	3136B0P34	December 2047
VB(2) .	6	5,536,000	SC/SEQ/AD	3.5	FIX	3136B0P42	December 2047
Z(2) . . .	6	13,032,408	SC/SEQ	3.5	FIX/Z	3136B0P59	December 2047
R . . .		0	NPR	0	NPR	3136B0P67	February 2048

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

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

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## AVAILABLE INFORMATION

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

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

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

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

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

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

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

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

Nomura Securities International, Inc.  
Prospectus Department  
Worldwide Plaza  
309 West 49th Street  
New York, NY 10019-7316  
(telephone 1-212-667-1578)  
[mbstradesupport@us.nomura.com](mailto:mbstradesupport@us.nomura.com).

## SUMMARY

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

### Assets Underlying Each Group of Classes

<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	Class 2017-69-LY REMIC Certificate
	Class 2017-101-GL REMIC Certificate
	Class 2017-101-NL RCR Certificate
	Class 2017-102-PY REMIC Certificate

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

#### Characteristics of the Trust MBS

	<u>Approximate Principal Balance</u>	<u>Pass- Through Rate</u>	<u>Range of Weighted Average Coupons or WACs (annual percentages)</u>	<u>Range of Weighted Average Remaining Terms to Maturity or WAMs (in months)</u>
Group 1 MBS	\$176,009,376	3.50%	3.75% to 6.00%	241 to 360
Group 2 MBS	\$ 48,294,770	4.50%	4.75% to 7.00%	241 to 360
Group 3 MBS	\$ 19,163,021	4.50%	4.75% to 7.00%	241 to 360
Group 4 MBS	\$ 96,354,000	3.00%	3.25% to 5.50%	241 to 360
Group 5 MBS	\$166,285,622	4.00%	4.25% to 6.50%	241 to 360

#### Assumed Characteristics of the Underlying Mortgage Loans

	<u>Principal Balance</u>	<u>Original Term to Maturity (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Interest Rate</u>
Group 1 MBS	\$176,009,376	360	357	2	4.154%
Group 2 MBS	\$ 48,294,770	360	310	45	4.950%
Group 3 MBS	\$ 19,163,021	360	268	78	4.913%
Group 4 MBS	\$ 96,354,000	360	345	12	3.650%
Group 5 MBS	\$166,285,622	360	358	1	4.488%

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

## Group 6

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

### Settlement Date

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

### Distribution Dates

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

### Record Date

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

### Book-Entry and Physical Certificates

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

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

### Exchanging Certificates Through Combination and Recombination

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

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

### Interest Rates

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

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

<u>Class</u>	<u>Initial Interest Rate</u>	<u>Maximum Interest Rate</u>	<u>Minimum Interest Rate</u>	<u>Formula for Calculation of Interest Rate(1)</u>
FA .....	1.864%	6.50%	0.30%	LIBOR + 30 basis points
SA .....	4.636%	6.20%	0.00%	6.2% – LIBOR
FN .....	1.862%	6.50%	0.30%	LIBOR + 30 basis points
SN .....	4.638%	6.20%	0.00%	6.2% – LIBOR

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

## Notional Classes

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

<u>Class</u>	
SA	100% of the FA Class
BI	33.3333298544% of the Group 3 MBS
SN	100% of the FN Class
LI	35.7142852493% of the LA Class
PI	28.5714284697% of the sum of LA and LM Classes
MI	28.5714283829% of the <i>sum</i> of LA, LM and PL Classes
QI	31.2499994197% of the QA Class
NI	25% of the <i>sum</i> of QA and QL Classes

## Distributions of Principal

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

## Weighted Average Lives (years)\*

<u>Group 1 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>175%</u>	<u>225%</u>	<u>400%</u>	<u>700%</u>	<u>1000%</u>
LA, LB, LC, LD, LE, LG and LI	13.1	5.8	5.2	5.2	5.2	3.5	2.4	1.9
LM	22.8	13.8	13.7	13.7	13.7	8.5	5.1	3.6
PL	24.5	20.7	20.7	20.7	20.7	13.4	7.8	5.3
ZA	27.5	20.8	19.1	11.5	2.9	1.3	0.8	0.6
LN	23.4	16.5	16.4	16.4	16.4	10.4	6.1	4.2
PD, PC, PB, PE, PA and PI	14.3	6.8	6.3	6.3	6.3	4.2	2.7	2.1
MD, MC, MB, ME, MA and MI	15.0	7.8	7.3	7.3	7.3	4.8	3.1	2.3

<u>Group 2 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>400%</u>	<u>600%</u>	<u>800%</u>
A .....	18.8	8.3	6.6	5.3	2.9	1.8	1.3
AZ .....	29.4	23.4	21.7	19.8	12.7	8.5	6.0
FA and SA .....	19.9	9.4	7.5	6.2	3.4	2.2	1.5

<u>Group 3 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>400%</u>	<u>600%</u>	<u>800%</u>
B .....	19.7	8.3	6.8	5.6	3.1	2.0	1.4
BZ .....	29.9	21.9	21.6	20.9	16.0	11.3	8.1
BI .....	19.9	8.5	7.0	5.8	3.3	2.1	1.5



<u>Group 4 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>
J .....	14.9	5.5	4.2	3.4	2.5	1.9	1.6
JM .....	25.2	13.8	10.7	8.6	6.1	4.7	3.8
HL .....	26.4	15.9	12.5	10.1	7.2	5.5	4.5
VE .....	6.0	6.0	6.0	6.0	5.4	4.6	4.0
EV .....	17.0	15.8	13.7	11.6	8.6	6.7	5.5
EZ .....	28.5	22.4	19.8	17.3	13.3	10.5	8.5
JL .....	25.6	14.5	11.3	9.1	6.4	5.0	4.0
E .....	16.6	7.0	5.3	4.3	3.1	2.4	2.0
H .....	16.0	6.5	5.0	4.0	2.9	2.3	1.9

<u>Group 5 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>180%</u>	<u>215%</u>	<u>300%</u>	<u>500%</u>	<u>800%</u>
QA, QG, QB, QC, QD, QE and QI .....	14.9	6.5	5.2	5.2	5.2	4.2	2.9	2.6
QL .....	24.5	14.3	12.1	12.1	12.1	9.3	6.0	5.1
NV .....	6.0	6.0	6.0	6.0	6.0	5.9	4.8	4.3
NZ .....	26.0	18.3	17.7	17.7	17.7	14.1	9.3	7.8
ZN .....	28.6	23.1	18.7	12.4	2.9	1.5	0.9	0.8
FN and SN .....	19.6	10.8	8.8	7.9	7.0	5.5	3.7	3.2
NL .....	26.0	18.3	17.7	17.7	17.7	13.9	8.9	7.5
NB, NC, ND, NE, NA and NI .....	15.4	6.8	5.5	5.5	5.5	4.4	3.1	2.7
QM .....	25.7	17.5	16.5	16.5	16.5	12.9	8.3	7.0

<u>Group 6 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>	<u>1000%</u>
VA .....	6.0	6.0	6.0	6.0	6.0	5.4	4.5	3.4
VB .....	15.0	14.3	14.3	14.3	12.6	8.4	6.2	4.3
Z .....	24.6	20.1	20.1	20.1	17.1	11.3	8.2	5.5
AL .....	24.6	19.7	19.7	19.7	16.4	10.5	7.4	5.0

<u>Group 2/Group 3 Classes†</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>400%</u>	<u>600%</u>	<u>800%</u>
GA .....	19.1	8.3	6.6	5.5	3.0	1.9	1.4
GZ .....	29.5	23.2	21.7	19.9	13.1	8.9	6.3

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

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

## ADDITIONAL RISK FACTORS

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

*Uncertainty as to the determination of LIBOR and the potential phasing out of LIBOR after 2021 may adversely affect the value of certain certificates.* On July 27, 2017, regulatory authorities in the United Kingdom announced their intention to stop persuading or compelling banks to submit LIBOR rates after 2021. Accordingly, it is uncertain whether ICE will continue to quote LIBOR after 2021. Efforts to identify a set of alternative U.S. dollar reference interest rates include proposals by the Alternative Reference Rates Committee of the Federal Reserve Board and the Federal Reserve Bank of New York. At present, we are unable to predict the effect of any alternative reference rates that may be established or any other reforms to LIBOR that may be adopted in the United Kingdom, in the U.S. or elsewhere. Uncertainty as to the nature of such potential changes, alternative reference rates or other reforms may adversely affect the trading market for LIBOR-based securities, including

certificates with interest rates that adjust based on LIBOR. Moreover, any future reform, replacement or disappearance of LIBOR may adversely affect the value of and return on the affected certificates.

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

*Payments on the Group 6 Classes will be affected by the payment priorities governing the related underlying REMIC and RCR certificates.* If you invest in a Group 6 Class, the rate at which you receive payments will be affected by the priority sequences governing principal payments on the Group 6 Underlying REMIC and RCR Certificates.

In particular, as described in the related Underlying REMIC Disclosure Documents, principal payments on the Group 6 Underlying REMIC and RCR Certificates are governed by principal balance schedules. As a result, the Group 6 Underlying REMIC and RCR Certificates may receive principal

payments faster or slower than would otherwise have been the case. In some cases, they may receive no principal payments for extended periods. 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 principal payments over time may be eliminated. In such a case, the Group 6 Underlying REMIC and RCR Certificates would receive principal payments at rates that may vary widely from period to period. This prospectus supplement contains no information as to whether

- the Group 6 Underlying REMIC and RCR Certificates have adhered to the related principal balance schedules,
- any related support classes remain outstanding, or
- the Group 6 Underlying REMIC and RCR Certificates otherwise have performed as originally anticipated.

You may obtain additional information about the Group 6 Underlying REMIC and RCR Certificates by reviewing their current class factors in light of other information available in the Underlying REMIC Disclosure Documents. You may obtain those documents from us as described on page S-3.

## DESCRIPTION OF THE CERTIFICATES

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

### General

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

The assets of the Trust will include:

- five groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the “Group 1 MBS,” “Group 2 MBS,” “Group 3 MBS,” “Group 4 MBS” and “Group 5 MBS,” and together, the “Trust MBS”), and
- one group of previously issued REMIC and RCR Certificates (the “Group 6 Underlying REMIC and RCR Certificates”) issued from the related Fannie Mae REMIC trusts (the “Underlying REMIC Trusts”), as further described in Exhibit A.

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

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

The Trust will constitute a “real estate mortgage investment conduit” (“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 interest” of the REMIC. The REMIC Certificates other than the R Class are collectively referred to as the “Regular Classes” or “Regular Certificates,” and the R Class is referred to as the “Residual Class” or “Residual Certificate.”

	<u>Assets</u>	<u>Regular Interests</u>	<u>Residual Interest</u>
REMIC . . . . .	Trust MBS and Group 6 Underlying REMIC and RCR Certificates	All Classes of REMIC Certificates other than the R Class	R

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

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

We will issue the Residual Certificate in fully registered, certificated form. The “Holder” or “Certificateholder” of the Residual Certificate is its registered owner. The 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 Certificate and may require payment to cover any tax or other governmental charge. See also “—Characteristics of the Residual Class” 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 Class)	\$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 1 MBS and Group 4 MBS have been designated as pools that include “jumbo-conforming” or “high balance” mortgage loans as described further under “The Mortgage Loans—Mortgage Loans with Original Principal Balances Exceeding our Traditional Conforming Loan Limits” in the MBS Prospectus dated June 1, 2016. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at [www.fanniemae.com](http://www.fanniemae.com). For additional information about the particular pools underlying the Group 1 MBS and Group 4 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 and Group 5—Characteristics of the Trust MBS” in this prospectus supplement and “The Mortgage Loan Pools” and “Yield, Maturity and Prepayment Considerations” in the MBS Prospectus.

### **The Group 6 Underlying REMIC and RCR Certificates**

The Group 6 Underlying REMIC and RCR Certificates represent beneficial ownership interests in the related Underlying REMIC Trusts. The assets of those trusts consist of MBS (or beneficial ownership interests in MBS) having the general characteristics set forth in the MBS Prospectus. Each MBS evidences beneficial ownership interests in a pool of conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties, as described under “The Mortgage Loan Pools” and “Yield, Maturity and Prepayment Considerations” in the MBS Prospectus.

In addition, the pools of mortgage loans backing the Group 6 Underlying REMIC and RCR Certificates have been designated as pools that include “jumbo-conforming” or “high balance” mortgage loans as described further under “The Mortgage Loans—Mortgage Loans with Original Principal Balances Exceeding our Traditional Conforming Loan Limits” in the MBS Prospectus dated June 1, 2016. For periodic updates to that description, please refer to the Pool Prefix Glossary available on our Web site at [www.fanniemae.com](http://www.fanniemae.com). For additional information about the particular pools underlying the Group 6 Underlying REMIC and RCR Certificates, see the Final Data Statements for the related trusts 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.

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

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

### **Distributions of Interest**

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

The Floating Rate and Inverse Floating Rate Classes will bear interest at interest rates based on LIBOR. We currently establish LIBOR on the basis of the “ICE Method” as generally described under “Description of the Certificates—Distributions on Certificates—*Interest Distributions—Indices for Floating Rate Classes and Inverse Floating Rate Classes*” in the REMIC Prospectus.



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

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

<u>Delay Classes</u>	<u>No-Delay Classes</u>
Fixed Rate Classes	Floating Rate and Inverse Floating Rate Classes

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

**Accrual Classes.** The ZA, AZ, BZ, EZ, NZ, ZN, Z and GZ Classes are Accrual Classes. Interest will accrue on each Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement or on Schedule 1. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on each Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Classes as described under “—Distributions of Principal” below.

## Distributions of Principal

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

- **Group 1**

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

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

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

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

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

“Aggregate Group I” consists of the LA, LM and PL Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I to LA, LM and PL, in that order, until retired.

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

- *Group 2*

The AZ Accrual Amount to A until retired, and thereafter to AZ. } Accretion  
Directed  
Class and  
Accrual Class

The Group 2 Cash Flow Distribution Amount as follows:

- 42.8571416739% to FA until retired, and } Pass-Through  
Class
- 57.1428583261% to A and AZ, in that order, until retired. } Sequential  
Pay Classes

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

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

- *Group 3*

The BZ Accrual Amount to B until retired, and thereafter to BZ. } Accretion  
Directed  
Class and  
Accrual Class

The Group 3 Cash Flow Distribution Amount to B and BZ, in that order, until retired. } Sequential  
Pay Classes

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

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

- *Group 4*

The EZ Accrual Amount to VE and EV, in that order, until retired, and thereafter to EZ. } Accretion  
Directed  
Classes and  
Accrual Class

The Group 4 Cash Flow Distribution Amount to J, JM, HL, VE, EV and EZ, in that order, until retired. } Sequential  
Pay Classes

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

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

- *Group 5*

The NZ Accrual Amount to NV until retired, and thereafter to NZ. } Accretion  
Directed  
Class and  
Accrual Class

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

The Group 5 Cash Flow Distribution Amount as follows:

- 28.5714281419% to FN until retired, and } Pass-Through  
Class

— 71.4285718581% as follows:

<i>first</i> , to Aggregate Group II to its Planned Balance;	} PAC Group
<i>second</i> , to ZN until retired; and	} Support Class
<i>third</i> , to Aggregate Group II to zero	} PAC Group

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

“Aggregate Group II” consists of the QA, QL, NV and NZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II to QA, QL, NV and NZ, in that order, until retired.

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

- *Group 6*

The Z Accrual Amount to VA and VB, in that order, until retired, and thereafter to Z.	} Accretion Directed Classes and Accrual Class
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The Group 6 Cash Flow Distribution Amount to VA, VB and Z, in that order, until retired.	} Structured Collateral/ Sequential Pay Classes
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The “Z Accrual Amount” is any interest then accrued and added to the principal balance of the Z Class.

The “Group 6 Cash Flow Distribution Amount” is the principal then paid on the Group 6 Underlying REMIC and RCR Certificates.

## Structuring Assumptions

*Pricing Assumptions.* Except where otherwise noted, the information in the tables in this prospectus supplement has been prepared based on the actual characteristics of each pool of Mortgage Loans backing the Group 6 Underlying REMIC and RCR Certificates, the applicable priority sequences governing principal payments on the Group 6 Underlying REMIC and RCR 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 and Group 5—Assumed Characteristics of the Underlying Mortgage Loans” in this prospectus supplement;
- the Mortgage Loans prepay at the constant percentages of PSA specified in the related tables;
- the settlement date for the Certificates is January 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 will differ from the assumed characteristics shown in the Summary, and may differ significantly. See “Risk Factors—Risks Relating to Yield and Prepayment—*Yields on and weighted average lives of the certificates are affected by actual characteristics of the mortgage loans backing the series trust assets*” in the REMIC Prospectus.



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

*Principal Balance Schedules.* The Principal Balance Schedules are set forth beginning on page B-1 of this prospectus supplement. The Principal Balance Schedules were prepared based on the Pricing Assumptions and the assumption that the related Mortgage Loans prepay at a *constant* rate within the applicable “Structuring Ranges” specified in the chart below. The “Effective Range” for an Aggregate Group is the range of prepayment rates (measured by *constant* PSA rates) that would reduce that Aggregate Group to its scheduled balance each month based on the Pricing Assumptions. We have not provided separate schedules for the individual Classes included in the Aggregate Groups. However, those Classes are designed to receive principal distributions in the same fashion as if separate schedules had been provided (with schedules based on the same underlying assumptions that apply to the related Aggregate Group schedule). If such separate schedules had been provided for the individual Classes included in the Aggregate Groups we expect that the effective ranges for those Classes would not be narrower than those shown below for the related Aggregate Groups.

<u>Groups</u>	<u>Structuring Ranges</u>	<u>Initial Effective Ranges</u>
Aggregate Group I Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
Aggregate Group II Planned Balances	Between 150% and 215% PSA	Between 150% and 215% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I . . . . .	LA, LM and PL
Aggregate Group II . . . . .	QA, QL, NV and NZ

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

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

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

- We will distribute any excess of principal distributions over the amount necessary to reduce an Aggregate Group to its scheduled balance in any month. As a result, the likelihood of reducing an Aggregate Group to its scheduled balance each month will not be improved by the averaging of high and low principal distributions from month to month.
- Even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Range or Effective Range, principal distributions may be insufficient to reduce the Aggregate Groups to their scheduled balances each month if prepayments do not occur at a *constant* PSA rate.
- The actual Effective Ranges at any time will be based upon the actual characteristics of the related Mortgage Loans at that time, which are likely to vary (and may vary considerably) from the Pricing Assumptions. As a result, the actual Effective Ranges will likely differ from the Initial Effective Ranges specified above. For the same reason, the Aggregate Groups

might not be reduced to their scheduled balances each month even if the related Mortgage Loans prepay at a *constant* PSA rate within the applicable Initial Effective Ranges. This is so particularly if the rates fall at the lower or higher end of the applicable ranges.

- The actual Effective Ranges may narrow, widen or shift upward or downward to reflect actual prepayment experience over time.
- The principal payment stability of each Aggregate Group will be supported by one other Class. When the related supporting Class is retired, the Aggregate Group receiving the benefit of that support, if still outstanding, may no longer have an Effective Range, and will be much more sensitive to prepayments of the related Mortgage Loans.

## Yield Tables

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

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

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

We cannot assure you that

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

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

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

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

<u>Class</u>	<u>Price*</u>
SA .....	16.50%
SN .....	20.50%

\* 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)**

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>400%</u>	<u>600%</u>	<u>800%</u>
0.782% .....	28.8%	25.3%	21.7%	18.1%	3.1%	(13.3)%	(31.3)%
1.564% .....	23.5%	20.1%	16.6%	13.1%	(1.7)%	(17.7)%	(35.3)%
3.564% .....	9.8%	6.6%	3.3%	(0.1)%	(14.0)%	(29.1)%	(45.8)%
5.564% .....	(7.6)%	(10.6)%	(13.6)%	(16.7)%	(29.5)%	(43.5)%	(59.5)%
6.200% .....	*	*	*	*	*	*	*

#### **Sensitivity of the SN 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>150%</u>	<u>180%</u>	<u>215%</u>	<u>300%</u>	<u>500%</u>	<u>600%</u>	<u>800%</u>
0.781% .....	23.0%	20.4%	17.9%	16.3%	14.5%	10.1%	(0.6)%	(6.1)%	(17.3)%
1.562% .....	18.7%	16.1%	13.5%	11.9%	10.1%	5.6%	(5.4)%	(11.0)%	(22.6)%
3.562% .....	7.4%	4.7%	2.0%	0.4%	(1.6)%	(6.4)%	(18.1)%	(24.2)%	(36.9)%
5.562% .....	(7.2)%	(9.9)%	(12.7)%	(14.4)%	(16.4)%	(21.3)%	(33.5)%	(40.0)%	(54.2)%
6.200% .....	*	*	*	*	*	*	*	*	*

*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>
BI .....	280%
LI .....	313%
PI .....	308%
MI .....	318%
QI .....	273%
NI .....	281%

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>
BI .....	20.00%
LI .....	14.50%
PI .....	17.50%
MI .....	20.00%
QI .....	17.50%
NI .....	18.25%

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

#### Sensitivity of the BI Class to Prepayments

	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>150%</u>	<u>200%</u>	<u>400%</u>	<u>600%</u>	<u>800%</u>
Pre-Tax Yields to Maturity ...	15.7%	12.4%	9.0%	5.6%	(8.7)%	(24.2)%	(41.2)%

#### Sensitivity of the LI Class to Prepayments

	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>175%</u>	<u>225%</u>	<u>400%</u>	<u>700%</u>	<u>1000%</u>
Pre-Tax Yields to Maturity ...	14.8%	9.2%	6.5%	6.5%	6.5%	(7.3)%	(32.3)%	(53.6)%

#### Sensitivity of the PI Class to Prepayments

	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>175%</u>	<u>225%</u>	<u>400%</u>	<u>700%</u>	<u>1000%</u>
Pre-Tax Yields to Maturity ...	11.5%	6.9%	5.2%	5.2%	5.2%	(6.6)%	(29.2)%	(50.5)%

### Sensitivity of the MI Class to Prepayments

	PSA Prepayment Assumption							
	50%	100%	125%	175%	225%	400%	700%	1000%
Pre-Tax Yields to Maturity . . .	9.5%	5.8%	4.6%	4.6%	4.6%	(4.5)%	(22.0)%	(40.8)%

### Sensitivity of the QI Class to Prepayments

	PSA Prepayment Assumption							
	50%	100%	150%	180%	215%	300%	500%	800%
Pre-Tax Yields to Maturity . . .	14.9%	9.8%	4.5%	4.5%	4.5%	(2.3)%	(20.1)%	(28.6)% (44.0)%

### Sensitivity of the NI Class to Prepayments

	PSA Prepayment Assumption							
	50%	100%	150%	180%	215%	300%	500%	800%
Pre-Tax Yields to Maturity . . .	14.4%	9.7%	4.9%	4.9%	4.9%	(1.5)%	(18.5)%	(26.7)% (41.9)%

### 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 applicable priority sequences of distributions of principal of the Classes, and
- in the case of the Group 6 Classes, the applicable priority sequences governing principal payments on the Group 6 Underlying REMIC and RCR 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	6.00%
Group 2 MBS	360 months	360 months	7.00%
Group 3 MBS	360 months	360 months	7.00%
Group 4 MBS	360 months	360 months	5.50%
Group 5 MBS	360 months	360 months	6.50%
Group 6 Underlying REMIC and RCR Certificates	360 months	(1)	6.00%

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

<u>Class</u>	<u>Remaining Terms to Maturity</u>
2017-69-LY	355 months
2017-101-GL	358 months
2017-101-NL	358 months
2017-102-PY	358 months

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

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

## Percent of Original Principal Balances Outstanding

Date	LA, LB, LC, LD, LE, LG and LI† Classes								LM Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	125%	175%	225%	400%	700%	1000%	0%	100%	125%	175%	225%	400%	700%	1000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	98	94	94	94	94	94	94	93	100	100	100	100	100	100	100	100
January 2020	95	86	84	84	84	84	63	44	100	100	100	100	100	100	100	100
January 2021	92	75	71	71	71	57	26	4	100	100	100	100	100	100	100	100
January 2022	89	64	59	59	59	37	5	0	100	100	100	100	100	100	100	10
January 2023	86	55	48	48	48	21	0	0	100	100	100	100	100	100	49	0
January 2024	83	45	38	38	38	10	0	0	100	100	100	100	100	100	*	0
January 2025	80	37	29	29	29	1	0	0	100	100	100	100	100	100	0	0
January 2026	76	29	21	21	21	0	0	0	100	100	100	100	100	63	0	0
January 2027	72	21	14	14	14	0	0	0	100	100	100	100	100	30	0	0
January 2028	68	13	8	8	8	0	0	0	100	100	100	100	100	6	0	0
January 2029	64	6	3	3	3	0	0	0	100	100	100	100	100	0	0	0
January 2030	60	0	0	0	0	0	0	0	100	99	88	88	88	0	0	0
January 2031	55	0	0	0	0	0	0	0	100	62	62	62	62	0	0	0
January 2032	50	0	0	0	0	0	0	0	100	41	41	41	41	0	0	0
January 2033	45	0	0	0	0	0	0	0	100	23	23	23	23	0	0	0
January 2034	39	0	0	0	0	0	0	0	100	7	7	7	7	0	0	0
January 2035	33	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
January 2036	27	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
January 2037	21	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
January 2038	14	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
January 2039	7	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0
January 2040	0	0	0	0	0	0	0	0	94	0	0	0	0	0	0	0
January 2041	0	0	0	0	0	0	0	0	37	0	0	0	0	0	0	0
January 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	13.1	5.8	5.2	5.2	5.2	3.5	2.4	1.9	22.8	13.8	13.7	13.7	13.7	8.5	5.1	3.6

Date	PL Class								ZA Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	125%	175%	225%	400%	700%	1000%	0%	100%	125%	175%	225%	400%	700%	1000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	104	104	104	98	91	70	33	0
January 2020	100	100	100	100	100	100	100	100	107	107	107	88	69	3	0	0
January 2021	100	100	100	100	100	100	100	100	111	111	111	75	41	0	0	0
January 2022	100	100	100	100	100	100	100	100	115	115	115	66	21	0	0	0
January 2023	100	100	100	100	100	100	100	46	119	119	119	61	9	0	0	0
January 2024	100	100	100	100	100	100	100	18	123	123	123	59	2	0	0	0
January 2025	100	100	100	100	100	100	57	7	128	128	128	59	*	0	0	0
January 2026	100	100	100	100	100	100	32	3	132	132	130	59	*	0	0	0
January 2027	100	100	100	100	100	100	18	1	137	137	130	57	*	0	0	0
January 2028	100	100	100	100	100	100	10	*	142	142	127	55	*	0	0	0
January 2029	100	100	100	100	100	80	6	*	147	147	123	52	*	0	0	0
January 2030	100	100	100	100	100	59	3	*	152	152	117	49	*	0	0	0
January 2031	100	100	100	100	100	43	2	*	158	153	110	45	*	0	0	0
January 2032	100	100	100	100	100	31	1	*	163	144	103	41	*	0	0	0
January 2033	100	100	100	100	100	23	1	*	169	134	95	37	*	0	0	0
January 2034	100	100	100	100	100	16	*	*	175	124	87	34	*	0	0	0
January 2035	100	91	91	91	91	12	*	*	181	114	79	30	*	0	0	0
January 2036	100	74	74	74	74	8	*	*	188	104	71	26	*	0	0	0
January 2037	100	60	60	60	60	6	*	*	194	93	63	23	*	0	0	0
January 2038	100	48	48	48	48	4	*	*	201	83	55	20	*	0	0	0
January 2039	100	38	38	38	38	3	*	*	208	73	48	17	*	0	0	0
January 2040	100	30	30	30	30	2	*	*	216	63	41	14	*	0	0	0
January 2041	100	23	23	23	23	1	*	*	223	53	35	11	*	0	0	0
January 2042	64	17	17	17	17	1	*	0	231	44	28	9	*	0	0	0
January 2043	12	12	12	12	12	1	*	0	218	36	22	7	*	0	0	0
January 2044	9	9	9	9	9	*	*	0	180	27	17	5	*	0	0	0
January 2045	6	6	6	6	6	*	*	0	139	19	12	4	*	0	0	0
January 2046	3	3	3	3	3	*	*	0	96	12	7	2	*	0	0	0
January 2047	1	1	1	1	1	*	*	0	50	5	3	1	*	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	24.5	20.7	20.7	20.7	20.7	13.4	7.8	5.3	27.5	20.8	19.1	11.5	2.9	1.3	0.8	0.6

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

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

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



Date	LN Class								PD, PC, PB, PE, PA and PI† Classes							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	125%	175%	225%	400%	700%	1000%	0%	100%	125%	175%	225%	400%	700%	1000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	98	95	95	95	95	95	95	94
January 2020	100	100	100	100	100	100	100	100	96	87	86	86	86	86	68	51
January 2021	100	100	100	100	100	100	100	100	93	78	75	75	75	63	36	16
January 2022	100	100	100	100	100	100	100	45	91	69	64	64	64	45	17	1
January 2023	100	100	100	100	100	100	69	18	88	60	55	55	55	31	6	0
January 2024	100	100	100	100	100	100	39	7	85	52	46	46	46	21	*	0
January 2025	100	100	100	100	100	100	22	3	82	45	38	38	38	14	0	0
January 2026	100	100	100	100	100	78	12	1	79	37	31	31	31	8	0	0
January 2027	100	100	100	100	100	57	7	*	76	31	24	24	24	4	0	0
January 2028	100	100	100	100	100	42	4	*	72	24	19	19	19	1	0	0
January 2029	100	100	100	100	100	31	2	*	69	18	15	15	15	0	0	0
January 2030	100	100	93	93	93	23	1	*	65	12	11	11	11	0	0	0
January 2031	100	77	77	77	77	17	1	*	61	8	8	8	8	0	0	0
January 2032	100	64	64	64	64	12	*	*	56	5	5	5	5	0	0	0
January 2033	100	53	53	53	53	9	*	*	52	3	3	3	3	0	0	0
January 2034	100	43	43	43	43	6	*	*	47	1	1	1	1	0	0	0
January 2035	100	35	35	35	35	5	*	*	42	0	0	0	0	0	0	0
January 2036	100	29	29	29	29	3	*	*	36	0	0	0	0	0	0	0
January 2037	100	23	23	23	23	2	*	*	31	0	0	0	0	0	0	0
January 2038	100	19	19	19	19	2	*	*	25	0	0	0	0	0	0	0
January 2039	100	15	15	15	15	1	*	*	18	0	0	0	0	0	0	0
January 2040	96	11	11	11	11	1	*	*	12	0	0	0	0	0	0	0
January 2041	61	9	9	9	9	1	*	0	5	0	0	0	0	0	0	0
January 2042	25	7	7	7	7	*	*	0	0	0	0	0	0	0	0	0
January 2043	5	5	5	5	5	*	*	0	0	0	0	0	0	0	0	0
January 2044	3	3	3	3	3	*	*	0	0	0	0	0	0	0	0	0
January 2045	2	2	2	2	2	*	*	0	0	0	0	0	0	0	0	0
January 2046	1	1	1	1	1	*	*	0	0	0	0	0	0	0	0	0
January 2047	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	23.4	16.5	16.4	16.4	16.4	10.4	6.1	4.2	14.3	6.8	6.3	6.3	6.3	4.2	2.7	2.1

Date	MD, MC, MB, ME, MA and MI† Classes								A Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	125%	175%	225%	400%	700%	1000%	0%	100%	150%	200%	400%	600%	800%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
January 2019	98	95	95	95	95	95	95	94	99	92	89	86	73	61	49	
January 2020	96	88	87	87	87	87	70	54	98	84	78	73	53	36	23	
January 2021	94	79	77	77	77	65	40	22	96	77	69	62	38	21	9	
January 2022	91	71	67	67	67	49	23	9	95	70	61	52	27	11	2	
January 2023	89	63	58	58	58	36	13	3	93	63	53	44	19	5	0	
January 2024	86	56	50	50	50	27	7	1	92	57	46	37	12	1	0	
January 2025	83	49	42	42	42	20	4	1	90	52	40	31	8	0	0	
January 2026	81	42	36	36	36	15	2	*	88	46	34	25	4	0	0	
January 2027	78	36	30	30	30	11	1	*	86	41	29	20	1	0	0	
January 2028	74	30	25	25	25	8	1	*	84	37	25	16	0	0	0	
January 2029	71	24	21	21	21	6	*	*	81	32	21	12	0	0	0	
January 2030	67	19	18	18	18	4	*	*	79	28	17	9	0	0	0	
January 2031	64	15	15	15	15	3	*	*	76	24	14	7	0	0	0	
January 2032	59	12	12	12	12	2	*	*	73	20	11	4	0	0	0	
January 2033	55	10	10	10	10	2	*	*	70	17	8	2	0	0	0	
January 2034	51	8	8	8	8	1	*	*	67	14	5	*	0	0	0	
January 2035	46	7	7	7	7	1	*	*	64	11	3	0	0	0	0	
January 2036	41	5	5	5	5	1	*	*	60	8	1	0	0	0	0	
January 2037	36	4	4	4	4	*	*	*	56	5	0	0	0	0	0	
January 2038	30	4	4	4	4	*	*	*	52	3	0	0	0	0	0	
January 2039	24	3	3	3	3	*	*	0	47	*	0	0	0	0	0	
January 2040	18	2	2	2	2	*	*	0	43	0	0	0	0	0	0	
January 2041	12	2	2	2	2	*	*	0	37	0	0	0	0	0	0	
January 2042	5	1	1	1	1	*	*	0	32	0	0	0	0	0	0	
January 2043	1	1	1	1	1	*	*	0	26	0	0	0	0	0	0	
January 2044	1	1	1	1	1	*	*	0	20	0	0	0	0	0	0	
January 2045	*	*	*	*	*	*	*	0	13	0	0	0	0	0	0	
January 2046	*	*	*	*	*	*	*	0	6	0	0	0	0	0	0	
January 2047	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																
Life (years)**	15.0	7.8	7.3	7.3	7.3	4.8	3.1	2.3	18.8	8.3	6.6	5.3	2.9	1.8	1.3	

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

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

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



Date	AZ Class							FA and SA† Classes							B Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	150%	200%	400%	600%	800%	0%	100%	150%	200%	400%	600%	800%	0%	100%	150%	200%	400%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	103	103	103	103	103	103	103	99	92	89	86	75	63	51	99	92	89	86	74	62	50
January 2020	106	106	106	106	106	106	106	98	85	79	74	55	39	26	98	84	78	73	54	38	25
January 2021	109	109	109	109	109	109	109	97	78	71	64	41	25	13	97	76	69	62	40	23	12
January 2022	113	113	113	113	113	113	113	95	71	63	55	31	15	7	95	69	61	53	29	14	6
January 2023	116	116	116	116	116	116	83	94	65	56	47	23	10	3	94	63	53	45	21	8	2
January 2024	120	120	120	120	120	120	42	93	60	49	40	17	6	2	92	57	46	38	15	5	1
January 2025	123	123	123	123	123	90	21	91	54	43	34	12	4	1	91	51	40	32	11	2	0
January 2026	127	127	127	127	127	56	11	89	50	38	29	9	2	*	89	46	35	26	7	1	0
January 2027	131	131	131	131	131	34	5	88	45	34	25	7	1	*	87	41	30	22	5	*	0
January 2028	135	135	135	135	118	21	3	86	41	29	21	5	1	*	85	36	26	18	3	0	0
January 2029	139	139	139	139	86	13	1	84	36	26	18	4	1	*	83	32	22	15	2	0	0
January 2030	143	143	143	143	62	8	1	82	33	22	15	3	*	*	81	27	18	12	1	0	0
January 2031	148	148	148	148	45	5	*	79	29	19	12	2	*	*	79	24	15	9	*	0	0
January 2032	152	152	152	152	32	3	*	77	26	16	10	1	*	*	76	20	12	7	0	0	0
January 2033	157	157	157	157	23	2	*	74	23	14	8	1	*	*	73	17	10	5	0	0	0
January 2034	162	162	162	162	16	1	*	71	20	12	7	1	*	*	70	14	8	4	0	0	0
January 2035	166	166	166	136	11	1	*	68	17	10	6	*	*	*	67	11	6	3	0	0	0
January 2036	171	171	171	109	8	*	*	65	15	8	4	*	*	*	64	8	4	1	0	0	0
January 2037	177	177	162	86	5	*	*	61	12	7	4	*	*	*	60	6	2	1	0	0	0
January 2038	182	182	129	66	4	*	*	57	10	5	3	*	*	*	56	3	1	0	0	0	0
January 2039	188	188	99	49	2	*	*	53	8	4	2	*	*	*	52	1	0	0	0	0	0
January 2040	193	150	73	35	1	*	*	49	6	3	1	*	*	*	48	0	0	0	0	0	0
January 2041	199	107	51	23	1	*	*	44	4	2	1	*	*	*	43	0	0	0	0	0	0
January 2042	205	66	31	14	*	*	*	39	3	1	1	*	*	*	38	0	0	0	0	0	0
January 2043	212	29	13	6	*	*	*	34	1	1	*	*	*	*	32	0	0	0	0	0	0
January 2044	218	0	0	0	0	0	0	28	0	0	0	0	0	0	26	0	0	0	0	0	0
January 2045	225	0	0	0	0	0	0	22	0	0	0	0	0	0	20	0	0	0	0	0	0
January 2046	231	0	0	0	0	0	0	15	0	0	0	0	0	0	13	0	0	0	0	0	0
January 2047	188	0	0	0	0	0	0	8	0	0	0	0	0	0	6	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.4	23.4	21.7	19.8	12.7	8.5	6.0	19.9	9.4	7.5	6.2	3.4	2.2	1.5	19.7	8.3	6.8	5.6	3.1	2.0	1.4

Date	BZ Class							BI† Class							J Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	150%	200%	400%	600%	800%	0%	100%	150%	200%	400%	600%	800%	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
January 2019	103	103	103	103	103	103	103	99	92	89	86	74	62	51	98	92	89	86	81	75	70
January 2020	106	106	106	106	106	106	106	98	84	79	73	55	39	26	96	81	74	68	56	45	34
January 2021	109	109	109	109	109	109	109	97	76	69	63	40	24	13	94	70	61	52	35	21	8
January 2022	113	113	113	113	113	113	113	95	70	61	53	30	15	7	91	60	48	38	18	3	0
January 2023	116	116	116	116	116	116	116	94	63	54	45	22	9	3	89	51	37	25	5	0	0
January 2024	120	120	120	120	120	120	120	93	57	47	38	16	6	2	86	43	28	15	0	0	0
January 2025	123	123	123	123	123	123	98	91	51	41	32	12	3	1	83	35	19	5	0	0	0
January 2026	127	127	127	127	127	127	49	89	46	36	27	8	2	*	80	27	11	0	0	0	0
January 2027	131	131	131	131	131	131	24	88	41	31	23	6	1	*	77	20	4	0	0	0	0
January 2028	135	135	135	135	135	94	12	86	37	27	19	4	1	*	74	14	0	0	0	0	0
January 2029	139	139	139	139	139	57	6	84	32	23	16	3	*	*	71	8	0	0	0	0	0
January 2030	143	143	143	143	143	34	3	82	28	19	13	2	*	*	67	2	0	0	0	0	0
January 2031	148	148	148	148	148	20	1	79	25	16	10	2	*	*	63	0	0	0	0	0	0
January 2032	152	152	152	152	129	12	1	77	21	13	8	1	*	*	59	0	0	0	0	0	0
January 2033	157	157	157	157	89	7	*	74	18	11	7	1	*	*	55	0	0	0	0	0	0
January 2034	162	162	162	162	60	4	*	71	15	9	5	*	*	*	50	0	0	0	0	0	0
January 2035	166	166	166	166	39	2	*	68	12	7	4	*	*	*	45	0	0	0	0	0	0
January 2036	171	171	171	171	25	1	*	65	9	5	3	*	*	*	40	0	0	0	0	0	0
January 2037	177	177	177	177	15	1	*	61	7	4	2	*	*	*	35	0	0	0	0	0	0
January 2038	182	182	182	151	8	*	*	57	5	2	1	*	*	*	29	0	0	0	0	0	0
January 2039	188	188	157	78	4	*	*	53	3	1	1	*	*	*	23	0	0	0	0	0	0
January 2040	193	75	37	18	1	*	*	49	1	*	*	*	*	*	17	0	0	0	0	0	0
January 2041	199	0	0	0	0	0	0	44	0	0	0	0	0	0	10	0	0	0	0	0	0
January 2042	205	0	0	0	0	0	0	39	0	0	0	0	0	0	3	0	0	0	0	0	0
January 2043	212	0	0	0	0	0	0	34	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	218	0	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	225	0	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	231	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	238	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.9	21.9	21.6	20.9	16.0	11.3	8.1	19.9	8.5	7.0	5.8	3.3	2.1	1.5	14.9	5.5	4.2	3.4	2.5	1.9	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	JM Class							HL Class							VE Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	150%	200%	300%	400%	500%	0%	100%	150%	200%	300%	400%	500%	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
January 2019	100	100	100	100	100	100	100	100	100	100	100	100	100	100	92	92	92	92	92	92	92
January 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100	85	85	85	85	85	85	85
January 2021	100	100	100	100	100	100	100	100	100	100	100	100	100	100	77	77	77	77	77	77	77
January 2022	100	100	100	100	100	100	21	100	100	100	100	100	100	100	68	68	68	68	68	68	68
January 2023	100	100	100	100	100	17	0	100	100	100	100	100	100	0	60	60	60	60	60	60	4
January 2024	100	100	100	100	54	0	0	100	100	100	100	100	100	0	51	51	51	51	51	24	0
January 2025	100	100	100	100	0	0	0	100	100	100	100	70	0	0	42	42	42	42	42	0	0
January 2026	100	100	100	79	0	0	0	100	100	100	100	0	0	0	33	33	33	33	33	0	0
January 2027	100	100	100	26	0	0	0	100	100	100	100	0	0	0	23	23	23	23	23	0	0
January 2028	100	100	78	0	0	0	0	100	100	100	58	0	0	0	13	13	13	13	13	0	0
January 2029	100	100	33	0	0	0	0	100	100	100	0	0	0	0	3	3	3	3	3	0	0
January 2030	100	100	0	0	0	0	0	100	100	86	0	0	0	0	0	0	0	0	0	0	0
January 2031	100	77	0	0	0	0	0	100	100	11	0	0	0	0	0	0	0	0	0	0	0
January 2032	100	40	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0
January 2033	100	5	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0
January 2034	100	0	0	0	0	0	0	100	43	0	0	0	0	0	0	0	0	0	0	0	0
January 2035	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2036	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2037	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2038	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2039	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2040	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2041	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2042	100	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2043	64	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	2	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	25.2	13.8	10.7	8.6	6.1	4.7	3.8	26.4	15.9	12.5	10.1	7.2	5.5	4.5	6.0	6.0	6.0	6.0	5.4	4.6	4.0

Date	EV Class							EZ Class							JL Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	150%	200%	300%	400%	500%	0%	100%	150%	200%	300%	400%	500%	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
January 2019	100	100	100	100	100	100	100	100	103	103	103	103	103	103	100	100	100	100	100	100	100
January 2020	100	100	100	100	100	100	100	100	106	106	106	106	106	106	100	100	100	100	100	100	100
January 2021	100	100	100	100	100	100	100	100	109	109	109	109	109	109	100	100	100	100	100	100	100
January 2022	100	100	100	100	100	100	100	100	113	113	113	113	113	113	100	100	100	100	100	100	46
January 2023	100	100	100	100	100	100	100	100	116	116	116	116	116	116	100	100	100	100	100	44	0
January 2024	100	100	100	100	100	100	0	120	120	120	120	120	120	116	100	100	100	100	68	0	0
January 2025	100	100	100	100	100	22	0	123	123	123	123	123	123	79	100	100	100	100	23	0	0
January 2026	100	100	100	100	92	0	0	127	127	127	127	127	99	54	100	100	100	86	0	0	0
January 2027	100	100	100	100	16	0	0	131	131	131	131	131	73	36	100	100	100	50	0	0	0
January 2028	100	100	100	100	0	0	0	135	135	135	135	110	54	25	100	100	85	19	0	0	0
January 2029	100	100	100	83	0	0	0	139	139	139	139	87	39	17	100	100	55	0	0	0	0
January 2030	94	94	94	21	0	0	0	143	143	143	143	69	29	11	100	100	28	0	0	0	0
January 2031	86	86	86	0	0	0	0	148	148	148	130	54	21	7	100	85	4	0	0	0	0
January 2032	78	78	37	0	0	0	0	152	152	152	109	42	15	5	100	59	0	0	0	0	0
January 2033	69	69	0	0	0	0	0	157	157	148	91	33	11	3	100	36	0	0	0	0	0
January 2034	60	60	0	0	0	0	0	162	162	127	75	25	8	2	100	14	0	0	0	0	0
January 2035	51	36	0	0	0	0	0	166	166	108	62	19	6	1	100	0	0	0	0	0	0
January 2036	42	0	0	0	0	0	0	171	162	92	51	15	4	1	100	0	0	0	0	0	0
January 2037	32	0	0	0	0	0	0	177	141	77	41	11	3	1	100	0	0	0	0	0	0
January 2038	22	0	0	0	0	0	0	182	121	64	33	8	2	*	100	0	0	0	0	0	0
January 2039	11	0	0	0	0	0	0	188	102	53	26	6	1	*	100	0	0	0	0	0	0
January 2040	1	0	0	0	0	0	0	193	85	42	21	4	1	*	100	0	0	0	0	0	0
January 2041	0	0	0	0	0	0	0	194	69	33	16	3	1	*	100	0	0	0	0	0	0
January 2042	0	0	0	0	0	0	0	194	55	26	12	2	*	*	100	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	194	41	19	8	1	*	*	75	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	194	29	13	5	1	*	*	34	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	181	18	7	3	*	*	*	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	124	7	3	1	*	*	*	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	17.0	15.8	13.7	11.6	8.6	6.7	5.5	28.5	22.4	19.8	17.3	13.3	10.5	8.5	25.6	14.5	11.3	9.1	6.4	5.0	4.0

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

Date	E Class							H Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	150%	200%	300%	400%	500%	0%	100%	150%	200%	300%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	98	93	91	88	84	79	75	98	93	90	88	83	78	73
January 2020	97	84	78	73	63	54	44	96	83	77	72	61	51	41
January 2021	95	75	67	59	46	33	22	94	74	65	57	43	30	18
January 2022	93	67	57	48	31	18	7	92	65	54	45	28	14	2
January 2023	91	59	47	37	20	7	0	90	57	45	34	16	2	0
January 2024	88	52	39	28	11	0	0	88	49	36	24	6	0	0
January 2025	86	45	32	20	4	0	0	85	42	28	16	0	0	0
January 2026	84	39	25	14	0	0	0	83	36	21	9	0	0	0
January 2027	81	33	19	8	0	0	0	80	29	15	3	0	0	0
January 2028	78	28	14	3	0	0	0	77	24	9	0	0	0	0
January 2029	75	23	9	0	0	0	0	74	18	4	0	0	0	0
January 2030	72	18	4	0	0	0	0	71	13	0	0	0	0	0
January 2031	69	14	1	0	0	0	0	67	9	0	0	0	0	0
January 2032	65	9	0	0	0	0	0	64	5	0	0	0	0	0
January 2033	62	6	0	0	0	0	0	60	1	0	0	0	0	0
January 2034	58	2	0	0	0	0	0	56	0	0	0	0	0	0
January 2035	54	0	0	0	0	0	0	51	0	0	0	0	0	0
January 2036	50	0	0	0	0	0	0	47	0	0	0	0	0	0
January 2037	45	0	0	0	0	0	0	42	0	0	0	0	0	0
January 2038	40	0	0	0	0	0	0	37	0	0	0	0	0	0
January 2039	35	0	0	0	0	0	0	32	0	0	0	0	0	0
January 2040	30	0	0	0	0	0	0	26	0	0	0	0	0	0
January 2041	24	0	0	0	0	0	0	20	0	0	0	0	0	0
January 2042	18	0	0	0	0	0	0	14	0	0	0	0	0	0
January 2043	12	0	0	0	0	0	0	7	0	0	0	0	0	0
January 2044	5	0	0	0	0	0	0	*	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	16.6	7.0	5.3	4.3	3.1	2.4	2.0	16.0	6.5	5.0	4.0	2.9	2.3	1.9

Date	QA, QG, QB, QC, QD, QE and QI† Classes										QL Class								
	PSA Prepayment Assumption										PSA Prepayment Assumption								
	0%	100%	150%	180%	215%	300%	500%	600%	800%	0%	100%	150%	180%	215%	300%	500%	600%	800%	
Initial Percent .....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
January 2019 .....	98	95	94	94	94	94	94	94	94	100	100	100	100	100	100	100	100	100	
January 2020 .....	96	87	84	84	84	84	74	67	55	100	100	100	100	100	100	100	100	100	
January 2021 .....	94	78	71	71	71	66	44	34	17	100	100	100	100	100	100	100	100	100	
January 2022 .....	92	68	59	59	59	48	22	12	0	100	100	100	100	100	100	100	100	27	
January 2023 .....	89	59	47	47	47	33	7	0	0	100	100	100	100	100	100	100	62	0	
January 2024 .....	87	51	37	37	37	22	0	0	0	100	100	100	100	100	100	42	0	0	
January 2025 .....	84	43	28	28	28	12	0	0	0	100	100	100	100	100	100	0	0	0	
January 2026 .....	81	35	20	20	20	5	0	0	0	100	100	100	100	100	100	0	0	0	
January 2027 .....	78	28	13	13	13	0	0	0	0	100	100	100	100	100	76	0	0	0	
January 2028 .....	75	21	7	7	7	0	0	0	0	100	100	100	100	100	0	0	0	0	
January 2029 .....	71	15	2	2	2	0	0	0	0	100	100	100	100	100	0	0	0	0	
January 2030 .....	67	9	0	0	0	0	0	0	0	100	100	58	58	58	0	0	0	0	
January 2031 .....	64	4	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	
January 2032 .....	59	0	0	0	0	0	0	0	0	100	71	0	0	0	0	0	0	0	
January 2033 .....	55	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2034 .....	50	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2035 .....	45	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2036 .....	40	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2037 .....	35	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2038 .....	29	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2039 .....	22	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2040 .....	15	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2041 .....	8	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2042 .....	1	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	
January 2043 .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January 2044 .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January 2045 .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January 2046 .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January 2047 .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
January 2048 .....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																			
Life (years)** .....	14.9	6.5	5.2	5.2	5.2	4.2	2.9	2.6	2.2	24.5	14.3	12.1	12.1	12.1	9.3	6.0	5.1	4.0	

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

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

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

Date	NV Class									NZ Class								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	150%	180%	215%	300%	500%	600%	800%	0%	100%	150%	180%	215%	300%	500%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	92	92	92	92	92	92	92	92	92	103	103	103	103	103	103	103	103	103
January 2020	85	85	85	85	85	85	85	85	85	106	106	106	106	106	106	106	106	106
January 2021	77	77	77	77	77	77	77	77	77	109	109	109	109	109	109	109	109	109
January 2022	68	68	68	68	68	68	68	68	68	113	113	113	113	113	113	113	113	113
January 2023	60	60	60	60	60	60	60	60	0	116	116	116	116	116	116	116	116	77
January 2024	51	51	51	51	51	51	51	0	0	120	120	120	120	120	120	120	102	39
January 2025	42	42	42	42	42	42	0	0	0	123	123	123	123	123	123	106	64	20
January 2026	33	33	33	33	33	33	0	0	0	127	127	127	127	127	127	73	40	10
January 2027	23	23	23	23	23	23	0	0	0	131	131	131	131	131	131	49	25	5
January 2028	13	13	13	13	13	0	0	0	0	135	135	135	135	135	134	34	15	3
January 2029	3	3	3	3	3	0	0	0	0	139	139	139	139	139	107	23	10	1
January 2030	0	0	0	0	0	0	0	0	0	140	140	140	140	140	84	15	6	1
January 2031	0	0	0	0	0	0	0	0	0	140	140	140	136	136	67	10	4	*
January 2032	0	0	0	0	0	0	0	0	0	140	140	113	113	113	52	7	2	*
January 2033	0	0	0	0	0	0	0	0	0	140	132	94	94	94	41	5	1	*
January 2034	0	0	0	0	0	0	0	0	0	140	99	78	78	78	32	3	1	*
January 2035	0	0	0	0	0	0	0	0	0	140	68	64	64	64	25	2	1	*
January 2036	0	0	0	0	0	0	0	0	0	140	53	53	53	53	19	1	*	*
January 2037	0	0	0	0	0	0	0	0	0	140	43	43	43	43	15	1	*	*
January 2038	0	0	0	0	0	0	0	0	0	140	35	35	35	35	11	1	*	*
January 2039	0	0	0	0	0	0	0	0	0	140	28	28	28	28	8	*	*	*
January 2040	0	0	0	0	0	0	0	0	0	140	22	22	22	22	6	*	*	*
January 2041	0	0	0	0	0	0	0	0	0	140	17	17	17	17	5	*	*	*
January 2042	0	0	0	0	0	0	0	0	0	140	13	13	13	13	3	*	*	*
January 2043	0	0	0	0	0	0	0	0	0	126	10	10	10	10	2	*	*	*
January 2044	0	0	0	0	0	0	0	0	0	65	7	7	7	7	2	*	*	*
January 2045	0	0	0	0	0	0	0	0	0	4	4	4	4	4	1	*	*	*
January 2046	0	0	0	0	0	0	0	0	0	3	3	3	3	3	1	*	*	*
January 2047	0	0	0	0	0	0	0	0	0	1	1	1	1	1	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	6.0	6.0	6.0	6.0	6.0	5.9	4.8	4.3	3.6	26.0	18.3	17.7	17.7	17.7	14.1	9.3	7.8	5.9

Date	ZN Class									FN and SN† Classes								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	150%	180%	215%	300%	500%	600%	800%	0%	100%	150%	180%	215%	300%	500%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	103	103	103	98	92	79	46	29	0	99	97	96	96	95	94	91	89	86
January 2020	106	106	106	90	70	24	0	0	0	98	91	89	87	86	81	72	67	58
January 2021	109	109	109	78	42	0	0	0	0	96	85	80	77	74	66	50	43	30
January 2022	113	113	113	70	22	0	0	0	0	95	78	71	67	63	53	34	27	16
January 2023	116	116	116	65	9	0	0	0	0	94	72	63	59	54	43	23	17	8
January 2024	120	120	120	63	2	0	0	0	0	92	66	56	51	46	34	16	11	4
January 2025	123	123	123	63	*	0	0	0	0	90	60	50	45	39	27	11	7	2
January 2026	127	127	125	64	*	0	0	0	0	89	55	44	39	33	22	7	4	1
January 2027	131	131	125	62	*	0	0	0	0	87	51	39	34	28	17	5	3	1
January 2028	135	135	122	60	*	0	0	0	0	85	46	35	29	24	14	3	2	*
January 2029	139	139	117	57	*	0	0	0	0	83	42	31	25	20	11	2	1	*
January 2030	143	143	111	54	*	0	0	0	0	80	38	27	22	17	9	2	1	*
January 2031	148	148	104	50	*	0	0	0	0	78	34	23	19	14	7	1	*	*
January 2032	152	152	96	46	*	0	0	0	0	75	31	21	16	12	5	1	*	*
January 2033	157	157	89	42	*	0	0	0	0	73	28	18	14	10	4	*	*	*
January 2034	162	162	81	37	*	0	0	0	0	70	25	15	11	8	3	*	*	*
January 2035	166	166	73	33	*	0	0	0	0	66	22	13	10	7	3	*	*	*
January 2036	171	156	65	29	*	0	0	0	0	63	20	11	8	5	2	*	*	*
January 2037	177	141	57	26	*	0	0	0	0	59	17	10	7	4	2	*	*	*
January 2038	182	126	50	22	*	0	0	0	0	56	15	8	6	4	1	*	*	*
January 2039	188	111	43	19	*	0	0	0	0	52	13	7	5	3	1	*	*	*
January 2040	193	96	37	16	*	0	0	0	0	47	11	6	4	2	1	*	*	*
January 2041	199	82	31	13	*	0	0	0	0	43	9	5	3	2	*	*	*	*
January 2042	205	68	25	11	*	0	0	0	0	38	8	4	2	1	*	*	*	*
January 2043	212	55	20	8	*	0	0	0	0	32	6	3	2	1	*	*	*	*
January 2044	218	43	15	6	*	0	0	0	0	27	5	2	1	1	*	*	*	*
January 2045	221	31	10	4	*	0	0	0	0	21	3	1	1	*	*	*	*	0
January 2046	152	19	6	3	*	0	0	0	0	14	2	1	*	*	*	*	*	0
January 2047	79	9	3	1	*	0	0	0	0	7	1	*	*	*	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	28.6	23.1	18.7	12.4	2.9	1.5	0.9	0.8	0.6	19.6	10.8	8.8	7.9	7.0	5.5	3.7	3.2	2.6

\* 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	NL Class									NB, NC, ND, NE, NA and NI† Classes								
	PSA Prepayment Assumption									PSA Prepayment Assumption								
	0%	100%	150%	180%	215%	300%	500%	600%	800%	0%	100%	150%	180%	215%	300%	500%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100	98	96	95	95	95	95	95	95	94
January 2020	100	100	100	100	100	100	100	100	100	96	88	85	85	85	85	75	69	57
January 2021	100	100	100	100	100	100	100	100	100	94	79	72	72	72	67	46	37	21
January 2022	100	100	100	100	100	100	100	100	100	92	70	61	61	61	50	26	16	1
January 2023	100	100	100	100	100	100	100	100	55	90	61	50	50	50	37	12	3	0
January 2024	100	100	100	100	100	100	100	73	28	87	53	40	40	40	26	2	0	0
January 2025	100	100	100	100	100	100	76	46	14	85	45	32	32	32	17	0	0	0
January 2026	100	100	100	100	100	100	52	28	7	82	38	24	24	24	10	0	0	0
January 2027	100	100	100	100	100	100	35	18	4	79	32	18	18	18	4	0	0	0
January 2028	100	100	100	100	100	96	24	11	2	76	25	12	12	12	0	0	0	0
January 2029	100	100	100	100	100	76	16	7	1	73	19	7	7	7	0	0	0	0
January 2030	100	100	100	100	100	60	11	4	*	69	14	3	3	3	0	0	0	0
January 2031	100	100	97	97	97	47	7	3	*	65	9	0	0	0	0	0	0	0
January 2032	100	100	81	81	81	37	5	2	*	61	4	0	0	0	0	0	0	0
January 2033	100	94	67	67	67	29	3	1	*	57	0	0	0	0	0	0	0	0
January 2034	100	71	56	56	56	23	2	1	*	53	0	0	0	0	0	0	0	0
January 2035	100	49	46	46	46	18	1	*	*	48	0	0	0	0	0	0	0	0
January 2036	100	38	38	38	38	14	1	*	*	43	0	0	0	0	0	0	0	0
January 2037	100	31	31	31	31	10	1	*	*	38	0	0	0	0	0	0	0	0
January 2038	100	25	25	25	25	8	*	*	*	32	0	0	0	0	0	0	0	0
January 2039	100	20	20	20	20	6	*	*	*	26	0	0	0	0	0	0	0	0
January 2040	100	16	16	16	16	4	*	*	*	20	0	0	0	0	0	0	0	0
January 2041	100	12	12	12	12	3	*	*	*	13	0	0	0	0	0	0	0	0
January 2042	100	9	9	9	9	2	*	*	*	6	0	0	0	0	0	0	0	0
January 2043	90	7	7	7	7	2	*	*	*	0	0	0	0	0	0	0	0	0
January 2044	47	5	5	5	5	1	*	*	*	0	0	0	0	0	0	0	0	0
January 2045	3	3	3	3	3	1	*	*	*	0	0	0	0	0	0	0	0	0
January 2046	2	2	2	2	2	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2047	1	1	1	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	26.0	18.3	17.7	17.7	17.7	13.9	8.9	7.5	5.6	15.4	6.8	5.5	5.5	5.5	4.4	3.1	2.7	2.2

Date	QM Class									VA Class							
	PSA Prepayment Assumption									PSA Prepayment Assumption							
	0%	100%	150%	180%	215%	300%	500%	600%	800%	0%	100%	150%	200%	300%	500%	700%	1000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100	93	93	93	93	93	93	93	93
January 2020	100	100	100	100	100	100	100	100	100	85	85	85	85	85	85	85	85
January 2021	100	100	100	100	100	100	100	100	100	77	77	77	77	77	77	77	77
January 2022	100	100	100	100	100	100	100	100	85	69	69	69	69	69	69	69	34
January 2023	100	100	100	100	100	100	100	92	43	60	60	60	60	60	60	58	0
January 2024	100	100	100	100	100	100	88	58	22	51	51	51	51	51	50	0	0
January 2025	100	100	100	100	100	100	60	36	11	42	42	42	42	42	40	0	0
January 2026	100	100	100	100	100	100	41	22	6	33	33	33	33	33	3	0	0
January 2027	100	100	100	100	100	95	28	14	3	23	23	23	23	22	0	0	0
January 2028	100	100	100	100	100	76	19	9	1	13	13	13	13	11	0	0	0
January 2029	100	100	100	100	100	60	13	5	1	2	2	2	2	0	0	0	0
January 2030	100	100	91	91	91	47	9	3	*	0	0	0	0	0	0	0	0
January 2031	100	100	76	76	76	37	6	2	*	0	0	0	0	0	0	0	0
January 2032	100	94	64	64	64	29	4	1	*	0	0	0	0	0	0	0	0
January 2033	100	74	53	53	53	23	3	1	*	0	0	0	0	0	0	0	0
January 2034	100	56	44	44	44	18	2	*	*	0	0	0	0	0	0	0	0
January 2035	100	38	36	36	36	14	1	*	*	0	0	0	0	0	0	0	0
January 2036	100	30	30	30	30	11	1	*	*	0	0	0	0	0	0	0	0
January 2037	100	24	24	24	24	8	*	*	*	0	0	0	0	0	0	0	0
January 2038	100	20	20	20	20	6	*	*	*	0	0	0	0	0	0	0	0
January 2039	100	16	16	16	16	5	*	*	*	0	0	0	0	0	0	0	0
January 2040	100	12	12	12	12	4	*	*	*	0	0	0	0	0	0	0	0
January 2041	100	10	10	10	10	3	*	*	*	0	0	0	0	0	0	0	0
January 2042	100	7	7	7	7	2	*	*	*	0	0	0	0	0	0	0	0
January 2043	71	5	5	5	5	1	*	*	*	0	0	0	0	0	0	0	0
January 2044	37	4	4	4	4	1	*	*	*	0	0	0	0	0	0	0	0
January 2045	2	2	2	2	2	1	*	*	*	0	0	0	0	0	0	0	0
January 2046	1	1	1	1	1	*	*	*	*	0	0	0	0	0	0	0	0
January 2047	1	1	1	1	1	*	*	*	*	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																	
Life (years)**	25.7	17.5	16.5	16.5	16.5	12.9	8.3	7.0	5.3	6.0	6.0	6.0	6.0	6.0	5.4	4.5	3.4

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

Date	VB Class								Z Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	150%	200%	300%	500%	700%	1000%	0%	100%	150%	200%	300%	500%	700%	1000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2019	100	100	100	100	100	100	100	100	100	104	104	104	104	104	104	104
January 2020	100	100	100	100	100	100	100	100	100	107	107	107	107	107	107	107
January 2021	100	100	100	100	100	100	100	100	100	111	111	111	111	111	111	111
January 2022	100	100	100	100	100	100	100	100	100	115	115	115	115	115	115	115
January 2023	100	100	100	100	100	100	100	0	119	119	119	119	119	119	119	68
January 2024	100	100	100	100	100	100	80	0	123	123	123	123	123	123	123	27
January 2025	100	100	100	100	100	100	0	0	128	128	128	128	128	128	89	10
January 2026	100	100	100	100	100	100	0	0	132	132	132	132	132	132	50	4
January 2027	100	100	100	100	100	0	0	0	137	137	137	137	137	125	28	2
January 2028	100	100	100	100	100	0	0	0	142	142	142	142	142	84	16	1
January 2029	100	100	100	100	100	0	0	0	147	147	147	147	147	57	9	*
January 2030	90	90	89	89	87	0	0	0	152	152	152	152	152	39	5	*
January 2031	77	76	76	76	22	0	0	0	158	158	158	158	158	26	3	*
January 2032	64	62	62	62	0	0	0	0	163	163	163	163	135	17	2	*
January 2033	51	47	47	47	0	0	0	0	169	169	169	169	106	12	1	*
January 2034	36	0	0	0	0	0	0	0	175	173	172	172	82	8	*	*
January 2035	22	0	0	0	0	0	0	0	181	140	140	140	64	5	*	*
January 2036	7	0	0	0	0	0	0	0	188	113	113	113	49	3	*	*
January 2037	0	0	0	0	0	0	0	0	190	91	91	91	37	2	*	*
January 2038	0	0	0	0	0	0	0	0	190	72	72	72	28	1	*	*
January 2039	0	0	0	0	0	0	0	0	190	57	57	57	21	1	*	*
January 2040	0	0	0	0	0	0	0	0	190	44	44	44	16	1	*	0
January 2041	0	0	0	0	0	0	0	0	189	34	34	34	11	*	*	0
January 2042	0	0	0	0	0	0	0	0	120	25	25	25	8	*	*	0
January 2043	0	0	0	0	0	0	0	0	49	18	18	18	6	*	*	0
January 2044	0	0	0	0	0	0	0	0	22	13	13	13	4	*	*	0
January 2045	0	0	0	0	0	0	0	0	8	8	8	8	2	*	*	0
January 2046	0	0	0	0	0	0	0	0	4	4	4	4	1	*	*	0
January 2047	0	0	0	0	0	0	0	0	1	1	1	1	*	*	*	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	15.0	14.3	14.3	14.3	12.6	8.4	6.2	4.3	24.6	20.1	20.1	20.1	17.1	11.3	8.2	5.5

Date	AL Class								GA Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	150%	200%	300%	500%	700%	1000%	0%	100%	150%	200%	400%	600%	800%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
January 2019	100	100	100	100	100	100	100	100	99	92	89	86	74	61	49	
January 2020	100	100	100	100	100	100	100	100	98	84	78	73	54	37	24	
January 2021	100	100	100	100	100	100	100	100	96	76	69	62	39	22	10	
January 2022	100	100	100	100	100	100	100	91	95	69	61	53	28	12	4	
January 2023	100	100	100	100	100	100	99	36	94	63	53	44	20	6	1	
January 2024	100	100	100	100	100	100	83	14	92	57	46	37	13	3	*	
January 2025	100	100	100	100	100	99	47	5	90	51	40	31	9	1	0	
January 2026	100	100	100	100	100	92	26	2	88	46	35	26	5	*	0	
January 2027	100	100	100	100	100	65	15	1	86	41	30	21	3	*	0	
January 2028	100	100	100	100	100	44	8	*	84	36	25	17	1	0	0	
January 2029	100	100	100	100	99	30	5	*	82	32	21	13	1	0	0	
January 2030	100	100	100	100	99	20	3	*	80	28	17	10	*	0	0	
January 2031	100	100	100	100	88	14	1	*	77	24	14	8	*	0	0	
January 2032	100	99	99	99	71	9	1	*	75	20	11	5	0	0	0	
January 2033	100	99	99	99	55	6	*	*	72	17	9	3	0	0	0	
January 2034	100	91	91	91	43	4	*	*	69	14	6	2	0	0	0	
January 2035	100	74	74	74	33	3	*	*	65	11	4	1	0	0	0	
January 2036	100	60	60	60	26	2	*	*	62	8	2	1	0	0	0	
January 2037	100	48	48	48	20	1	*	*	58	5	1	*	0	0	0	
January 2038	100	38	38	38	15	1	*	*	54	3	*	0	0	0	0	
January 2039	100	30	30	30	11	*	*	*	49	1	0	0	0	0	0	
January 2040	100	23	23	23	8	*	*	0	45	0	0	0	0	0	0	
January 2041	99	18	18	18	6	*	*	0	40	0	0	0	0	0	0	
January 2042	63	13	13	13	4	*	*	0	34	0	0	0	0	0	0	
January 2043	26	10	10	10	3	*	*	0	29	0	0	0	0	0	0	
January 2044	11	7	7	7	2	*	*	0	22	0	0	0	0	0	0	
January 2045	4	4	4	4	1	*	*	0	16	0	0	0	0	0	0	
January 2046	2	2	2	2	1	*	*	0	9	0	0	0	0	0	0	
January 2047	1	1	1	1	*	*	*	0	2	0	0	0	0	0	0	
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																
Life (years)**	24.6	19.7	19.7	19.7	16.4	10.5	7.4	5.0	19.1	8.3	6.6	5.5	3.0	1.9	1.4	

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



Date	GZ Class						
	PSA Prepayment Assumption						
	0%	100%	150%	200%	400%	600%	800%
Initial Percent .....	100	100	100	100	100	100	100
January 2019 .....	103	103	103	103	103	103	103
January 2020 .....	106	106	106	106	106	106	106
January 2021 .....	109	109	109	109	109	109	109
January 2022 .....	113	113	113	113	113	113	113
January 2023 .....	116	116	116	116	116	116	87
January 2024 .....	120	120	120	120	120	120	51
January 2025 .....	123	123	123	123	123	94	31
January 2026 .....	127	127	127	127	127	65	15
January 2027 .....	131	131	131	131	131	46	8
January 2028 .....	135	135	135	135	120	30	4
January 2029 .....	139	139	139	139	93	18	2
January 2030 .....	143	143	143	143	72	11	1
January 2031 .....	148	148	148	148	58	7	*
January 2032 .....	152	152	152	152	44	4	*
January 2033 .....	157	157	157	157	31	2	*
January 2034 .....	162	162	162	162	22	1	*
January 2035 .....	166	166	166	140	15	1	*
January 2036 .....	171	171	171	117	10	*	*
January 2037 .....	177	177	164	97	6	*	*
January 2038 .....	182	182	135	76	4	*	*
January 2039 .....	188	188	106	53	2	*	*
January 2040 .....	193	141	69	33	1	*	*
January 2041 .....	199	93	44	20	1	*	*
January 2042 .....	205	58	27	12	*	*	*
January 2043 .....	212	25	11	5	*	*	*
January 2044 .....	218	0	0	0	0	0	0
January 2045 .....	225	0	0	0	0	0	0
January 2046 .....	231	0	0	0	0	0	0
January 2047 .....	194	0	0	0	0	0	0
January 2048 .....	0	0	0	0	0	0	0
Weighted Average							
Life (years)** .....	29.5	23.2	21.7	19.9	13.1	8.9	6.3

\* 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.

## Characteristics of the Residual Class

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 Election and Special Tax Attributes

We will make a REMIC election with respect to the 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 Class will be designated as the “residual interest” in the REMIC as set forth in that table. Thus, the REMIC Certificates and any related RCR Certificates generally will be treated as “regular or residual interests in a REMIC” for domestic building and loan associations, as “real estate assets” for real estate investment trusts, and, except for the Residual Class, 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	175% PSA
2	200% PSA
3	200% PSA
4	150% PSA
5	180% PSA
6	300% PSA

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

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



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

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

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

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

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

Generally, the ownership interest represented by an RCR certificate will be one of two types. A certificate of a Combination RCR Class (a “Combination RCR Certificate”) will represent beneficial ownership of undivided interests in one or more underlying Regular Certificates. A certificate of a Strip RCR Class (a “Strip RCR Certificate”) will represent the right to receive a disproportionate part of the principal or interest payments on one or more underlying Regular Certificates. The PA, MA, LN, GA, GZ, JL, E, H, NA, NL, QM and AL Classes are Classes of Combination RCR Certificates. The remaining RCR Classes are Classes of Strip 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 Nomura Securities International, Inc. (the “Dealer”) in exchange for the Trust MBS and the Group 6 Underlying REMIC and RCR Certificates. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

### **CREDIT RISK RETENTION**

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

### **EUROPEAN ECONOMIC AREA RISK RETENTION**

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

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

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

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

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

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

“Applicable Investor” means each holder of a beneficial interest in any certificates that is (i) an EEA credit institution or investment firm, (ii) an EEA insurer or reinsurer, (iii) an EEA

undertaking for collective investment in transferable securities (UCITS) or (iv) an alternative investment fund to which Directive 2011/61/EU applies.

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

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

THE CERTIFICATES ARE NOT INTENDED TO BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO, AND SHOULD NOT BE OFFERED, SOLD OR OTHERWISE MADE AVAILABLE TO, ANY RETAIL INVESTOR IN THE EEA. FOR THESE PURPOSES, A RETAIL INVESTOR MEANS A PERSON WHO IS ONE (OR MORE) OF: (I) A RETAIL CLIENT AS DEFINED IN POINT (11) OF ARTICLE 4(1) OF DIRECTIVE 2014/65/EU (AS AMENDED, “MIFID II”); OR (II) A CUSTOMER WITHIN THE MEANING OF DIRECTIVE 2002/92/EC, WHERE THAT CUSTOMER WOULD NOT QUALIFY AS A PROFESSIONAL CLIENT AS DEFINED IN POINT (10) OF ARTICLE 4(1) OF MIFID II; OR (III) NOT A QUALIFIED INVESTOR AS DEFINED IN DIRECTIVE 2003/71/EC, CONSEQUENTLY NO KEY INFORMATION DOCUMENT REQUIRED BY REGULATION (EU) NO1286/2014 (AS AMENDED, THE “PRIIPS REGULATION”) FOR OFFERING OR SELLING THE CERTIFICATES OR OTHERWISE MAKING THEM AVAILABLE TO RETAIL INVESTORS IN THE EEA HAS BEEN PREPARED AND THEREFORE OFFERING OR SELLING THE CERTIFICATES OR OTHERWISE MAKING THEM AVAILABLE TO ANY RETAIL INVESTOR IN THE EEA MAY BE UNLAWFUL UNDER THE PRIIPS REGULATION.

## **LEGAL MATTERS**

Katten Muchin Rosenman LLP will provide legal representation for Fannie Mae. Cleary Gottlieb Steen & Hamilton LLP will provide legal representation for the Dealer.



## Exhibit A

### Group 6 Underlying REMIC and RCR Certificates

Underlying REMIC Trust	Class	Date of Issue	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Principal Balance of Class	January 2018 Class Factor	Principal Balance in the Trust	Approximate Weighted Average WAC	Approximate Weighted Average WAM (in months)	Approximate Weighted Average WALA (in months)
2017-69	LY	August 2017	3136AX3A1	3.5%	FIX	September 2047	PAC/AD	\$ 6,770,000	1.00000000	\$ 5,455,510.00	4.192%	352	6
2017-101	GL	November 2017	3136AY4W0	3.5	FIX	December 2047	PAC/AD	14,710,000	1.00000000	14,567,938.00	4.183	356	3
2017-101	NL	November 2017	3136AY5C3	3.5	FIX	December 2047	PAC/AD	34,270,000	1.00000000	330,960.00	4.183	356	3
2017-102	PY	November 2017	3136B0EJ1	3.5	FIX	December 2047	PAC/AD	4,461,000	1.00000000	4,461,000.00	4.189	356	3

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

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

## Schedule 1

## Available Recombinations(1)

REMIC Certificates		RCR Certificates						
Classes	Original Balances	RCR Class	Original Balances	Principal Type(2)	Interest Rate	Interest Type(2)	CUSIP Number	Final Distribution Date
Recombination 1								
LA	\$122,882,000	LB	\$122,882,000	PAC/AD	2.25%	FIX	3136B0P91	April 2045
		LI	43,886,428(3)	NTL	3.50	FIX/IO	3136B0Q66	April 2045
Recombination 2								
LA	122,882,000	LC	122,882,000	PAC/AD	2.50	FIX	3136B0Q25	April 2045
		LI	35,109,142(3)	NTL	3.50	FIX/IO	3136B0Q66	April 2045
Recombination 3								
LA	122,882,000	LD	122,882,000	PAC/AD	2.75	FIX	3136B0Q33	April 2045
		LI	26,331,857(3)	NTL	3.50	FIX/IO	3136B0Q66	April 2045
Recombination 4								
LA	122,882,000	LE	122,882,000	PAC/AD	3.00	FIX	3136B0Q41	April 2045
		LI	17,554,571(3)	NTL	3.50	FIX/IO	3136B0Q66	April 2045
Recombination 5								
LA	122,882,000	LG	122,882,000	PAC/AD	3.25	FIX	3136B0Q58	April 2045
		LI	8,777,285(3)	NTL	3.50	FIX/IO	3136B0Q66	April 2045
Recombination 6								
LA	122,882,000	PD	140,465,000	PAC/AD	2.50	FIX	3136B0Q74	February 2047
LM	17,583,000	PI	40,132,857(3)	NTL	3.50	FIX/IO	3136B0R40	February 2047
Recombination 7								
LA	122,882,000	PC	140,465,000	PAC/AD	2.75	FIX	3136B0Q82	February 2047
LM	17,583,000	PI	30,099,642(3)	NTL	3.50	FIX/IO	3136B0R40	February 2047
Recombination 8								
LA	122,882,000	PB	140,465,000	PAC/AD	3.00	FIX	3136B0Q90	February 2047
LM	17,583,000	PI	20,066,428(3)	NTL	3.50	FIX/IO	3136B0R40	February 2047
Recombination 9								
LA	122,882,000	PE	140,465,000	PAC/AD	3.25	FIX	3136B0R24	February 2047
LM	17,583,000	PI	10,033,214(3)	NTL	3.50	FIX/IO	3136B0R40	February 2047
Recombination 10								
LA	122,882,000	PA	140,465,000	PAC/AD	3.50	FIX	3136B0R32	February 2047
LM	17,583,000							

REMIC Certificates		RCR Certificates						
<u>Classes</u>	<u>Original Balances</u>	<u>RCR Class</u>	<u>Original Balances</u>	<u>Principal Type(2)</u>	<u>Interest Rate</u>	<u>Interest Type(2)</u>	<u>CUSIP Number</u>	<u>Final Distribution Date</u>
<b>Recombination 11</b>								
LA	\$122,882,000	MD	\$151,563,000	PAC/AD	2.50%	FIX	3136B0R57	February 2048
LM	17,583,000	MI	43,303,714(3)	NTL	3.50	FIX/IO	3136B0S23	February 2048
PL	11,098,000							
<b>Recombination 12</b>								
LA	122,882,000	MC	151,563,000	PAC/AD	2.75	FIX	3136B0R65	February 2048
LM	17,583,000	MI	32,477,785(3)	NTL	3.50	FIX/IO	3136B0S23	February 2048
PL	11,098,000							
<b>Recombination 13</b>								
LA	122,882,000	MB	151,563,000	PAC/AD	3.00	FIX	3136B0R73	February 2048
LM	17,583,000	MI	21,651,857(3)	NTL	3.50	FIX/IO	3136B0S23	February 2048
PL	11,098,000							
<b>Recombination 14</b>								
LA	122,882,000	ME	151,563,000	PAC/AD	3.25	FIX	3136B0R81	February 2048
LM	17,583,000	MI	10,825,928(3)	NTL	3.50	FIX/IO	3136B0S23	February 2048
PL	11,098,000							
<b>Recombination 15</b>								
LA	122,882,000	MA	151,563,000	PAC/AD	3.50	FIX	3136B0R99	February 2048
LM	17,583,000							
PL	11,098,000							
<b>Recombination 16</b>								
LM	17,583,000	LN	28,681,000	PAC/AD	3.50	FIX	3136B0P83	February 2048
PL	11,098,000							
<b>Recombination 17</b>								
A	26,467,000	GA(4)	45,470,000	SEQ/AD	3.00	FIX	3136B0S31	November 2047
B	19,003,000							
<b>Recombination 18</b>								
AZ	1,130,012	GZ(5)	1,290,033	SEQ	3.00	FIX/Z	3136B0S49	February 2048
BZ	160,021							
<b>Recombination 19</b>								
JM	8,369,000	JL	12,326,000	SEQ	3.00	FIX	3136B0S56	December 2044
HL	3,957,000							



REMIC Certificates		RCR Certificates						
<u>Classes</u>	<u>Original Balances</u>	<u>RCR Class</u>	<u>Original Balances</u>	<u>Principal Type(2)</u>	<u>Interest Rate</u>	<u>Interest Type(2)</u>	<u>CUSIP Number</u>	<u>Final Distribution Date</u>
<b>Recombination 20</b>								
JM	\$ 8,369,000	E	\$ 76,988,000	SEQ	3.00%	FIX	3136B0S64	December 2044
HL	3,957,000							
J	64,662,000							
<b>Recombination 21</b>								
J	64,662,000	H	73,031,000	SEQ	3.00	FIX	3136B0S72	March 2044
JM	8,369,000							
<b>Recombination 22</b>								
QA	86,167,000	QG	86,167,000	PAC/AD	1.75	FIX	3136B0S98	March 2045
		QI	26,927,187(3)	NTL	4.00	FIX/IO	3136B0T63	March 2045
<b>Recombination 23</b>								
QA	86,167,000	QB	86,167,000	PAC/AD	2.00	FIX	3136B0T22	March 2045
		QI	21,541,750(3)	NTL	4.00	FIX/IO	3136B0T63	March 2045
<b>Recombination 24</b>								
QA	86,167,000	QC	86,167,000	PAC/AD	2.25	FIX	3136B0T30	March 2045
		QI	16,156,312(3)	NTL	4.00	FIX/IO	3136B0T63	March 2045
<b>Recombination 25</b>								
QA	86,167,000	QD	86,167,000	PAC/AD	2.50	FIX	3136B0T48	March 2045
		QI	10,770,875(3)	NTL	4.00	FIX/IO	3136B0T63	March 2045
<b>Recombination 26</b>								
QA	86,167,000	QE	86,167,000	PAC/AD	2.75	FIX	3136B0T55	March 2045
		QI	5,385,437(3)	NTL	4.00	FIX/IO	3136B0T63	March 2045
<b>Recombination 27</b>								
QA	86,167,000	NB	90,739,000	PAC/AD	2.00	FIX	3136B0T71	November 2045
QL	4,572,000	NI	22,684,750(3)	NTL	4.00	FIX/IO	3136B0U46	November 2045
<b>Recombination 28</b>								
QA	86,167,000	NC	90,739,000	PAC/AD	2.25	FIX	3136B0T89	November 2045
QL	4,572,000	NI	17,013,562(3)	NTL	4.00	FIX/IO	3136B0U46	November 2045
<b>Recombination 29</b>								
QA	86,167,000	ND	90,739,000	PAC/AD	2.50	FIX	3136B0T97	November 2045
QL	4,572,000	NI	11,342,375(3)	NTL	4.00	FIX/IO	3136B0U46	November 2045
<b>Recombination 30</b>								
QA	86,167,000	NE	90,739,000	PAC/AD	2.75	FIX	3136B0U20	November 2045
QL	4,572,000	NI	5,671,187(3)	NTL	4.00	FIX/IO	3136B0U46	November 2045

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 31</b>								
QA	\$ 86,167,000	NA	\$ 90,739,000	PAC/AD	3.00%	FIX	3136B0U38	November 2045
QL	4,572,000							
<b>Recombination 32</b>								
NV	4,936,000	NL(6)	17,189,000	PAC/AD	3.00	FIX	3136B0S80	February 2048
NZ	12,253,000							
<b>Recombination 33</b>								
NV	4,936,000	QM(6)	21,761,000	PAC/AD	3.00	FIX	3136B0U53	February 2048
NZ	12,253,000							
QL	4,572,000							
<b>Recombination 34</b>								
VA	6,247,000	AL(7)	24,815,408	SC/PT	3.50	FIX	3136B0U61	December 2047
VB	5,536,000							
Z	13,032,408							

- (1) REMIC Certificates and RCR Certificates in any Recombination may be exchanged only in the proportions of *original* principal or notional principal balances for the related Classes shown in this Schedule 1 (disregarding any retired Classes). For example, if a particular Recombination includes two REMIC Classes and one RCR Class whose *original* principal balances shown in the schedule reflect a 1:1:2 relationship, the same 1:1:2 relationship among the *original* principal balances of those REMIC and RCR Classes must be maintained in any exchange. This is true even if, as a result of the applicable payment priority sequence, the relationship between their *current* principal balances has changed over time. Moreover, if as a result of a proposed exchange, a Certificateholder would hold a REMIC Certificate or RCR Certificate of a Class in an amount less than the applicable minimum denomination for that Class, the Certificateholder will be unable to effect the proposed exchange. See “Description of the Certificates—General— *Authorized Denominations*” in this prospectus supplement.
- (2) See “Description of the Certificates—Class Definitions and Abbreviations” in the REMIC Prospectus.
- (3) Notional principal balances. These Classes are Interest Only Classes. See page S-7 for a description of how their notional principal balances are calculated.
- (4) The GA Class is an RCR Class formed by a combination of the A Class in Group 2 and the B Class in Group 3.
- (5) The GZ Class is an RCR Class formed by a combination of the AZ Class in Group 2 and the BZ Class in Group 3.
- (6) Principal payments on the REMIC Certificates in Recombination 32 and Recombination 33 from the NZ 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 34 from the Z Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.

## Principal Balance Schedules

### *Aggregate Group I Planned Balances*

<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 .....	\$151,563,000.00	September 2022 ....	\$ 92,491,010.25	May 2027 .....	\$ 42,846,639.00
February 2018 .....	151,131,131.93	October 2022 .....	91,393,831.61	June 2027 .....	42,221,896.29
March 2018 .....	150,661,736.65	November 2022 ....	90,303,661.85	July 2027 .....	41,605,603.92
April 2018 .....	150,154,970.04	December 2022 .....	89,220,451.19	August 2027 .....	40,997,652.25
May 2018 .....	149,611,012.07	January 2023 .....	88,144,150.16	September 2027 ....	40,397,933.03
June 2018 .....	149,030,066.62	February 2023 .....	87,074,709.61	October 2027 .....	39,806,339.38
July 2018 .....	148,412,361.46	March 2023 .....	86,012,080.71	November 2027 ....	39,222,765.79
August 2018 .....	147,758,148.06	April 2023 .....	84,956,214.95	December 2027 .....	38,647,108.04
September 2018 ....	147,067,701.41	May 2023 .....	83,907,064.12	January 2028 .....	38,079,263.28
October 2018 .....	146,341,319.89	June 2023 .....	82,864,580.35	February 2028 .....	37,519,129.94
November 2018 ....	145,579,325.01	July 2023 .....	81,828,716.06	March 2028 .....	36,966,607.72
December 2018 .....	144,782,061.15	August 2023 .....	80,799,423.97	April 2028 .....	36,421,597.62
January 2019 .....	143,949,895.36	September 2023 ....	79,776,657.11	May 2028 .....	35,884,001.88
February 2019 .....	143,083,216.99	October 2023 .....	78,760,368.84	June 2028 .....	35,353,723.99
March 2019 .....	142,182,437.45	November 2023 ....	77,750,512.77	July 2028 .....	34,830,668.63
April 2019 .....	141,247,989.79	December 2023 .....	76,747,042.87	August 2028 .....	34,314,741.74
May 2019 .....	140,280,328.41	January 2024 .....	75,749,913.36	September 2028 ....	33,805,850.41
June 2019 .....	139,279,928.63	February 2024 .....	74,759,078.77	October 2028 .....	33,303,902.92
July 2019 .....	138,247,286.27	March 2024 .....	73,774,493.93	November 2028 ....	32,808,808.73
August 2019 .....	137,182,917.25	April 2024 .....	72,796,113.96	December 2028 .....	32,320,478.44
September 2019 ....	136,087,357.10	May 2024 .....	71,823,894.26	January 2029 .....	31,838,823.76
October 2019 .....	134,961,160.51	June 2024 .....	70,857,790.53	February 2029 .....	31,363,757.56
November 2019 ....	133,804,900.83	July 2024 .....	69,897,758.75	March 2029 .....	30,895,193.80
December 2019 .....	132,619,169.50	August 2024 .....	68,943,755.19	April 2029 .....	30,433,047.52
January 2020 .....	131,404,575.58	September 2024 ....	67,995,736.39	May 2029 .....	29,977,234.86
February 2020 .....	130,161,745.15	October 2024 .....	67,053,659.18	June 2029 .....	29,527,673.02
March 2020 .....	128,891,320.75	November 2024 ....	66,117,480.66	July 2029 .....	29,084,280.23
April 2020 .....	127,593,960.76	December 2024 .....	65,187,158.22	August 2029 .....	28,646,975.80
May 2020 .....	126,270,338.84	January 2025 .....	64,262,755.55	September 2029 ....	28,215,680.04
June 2020 .....	124,955,319.85	February 2025 .....	63,350,671.80	October 2029 .....	27,790,314.26
July 2020 .....	123,648,843.68	March 2025 .....	62,450,748.57	November 2029 ....	27,370,800.82
August 2020 .....	122,350,850.59	April 2025 .....	61,562,829.43	December 2029 .....	26,957,063.01
September 2020 ....	121,061,281.25	May 2025 .....	60,686,759.92	January 2030 .....	26,549,025.13
October 2020 .....	119,780,076.69	June 2025 .....	59,822,387.52	February 2030 .....	26,146,612.45
November 2020 ....	118,507,178.35	July 2025 .....	58,969,561.65	March 2030 .....	25,749,751.17
December 2020 .....	117,242,528.02	August 2025 .....	58,128,133.60	April 2030 .....	25,358,368.43
January 2021 .....	115,986,067.90	September 2025 ....	57,297,956.54	May 2030 .....	24,972,392.33
February 2021 .....	114,737,740.55	October 2025 .....	56,478,885.50	June 2030 .....	24,591,751.84
March 2021 .....	113,497,488.89	November 2025 ....	55,670,777.32	July 2030 .....	24,216,376.87
April 2021 .....	112,265,256.22	December 2025 .....	54,873,490.67	August 2030 .....	23,846,198.20
May 2021 .....	111,040,986.21	January 2026 .....	54,086,885.96	September 2030 ....	23,481,147.53
June 2021 .....	109,824,622.91	February 2026 .....	53,310,825.39	October 2030 .....	23,121,157.38
July 2021 .....	108,616,110.70	March 2026 .....	52,545,172.89	November 2030 ....	22,766,161.17
August 2021 .....	107,415,394.34	April 2026 .....	51,789,794.11	December 2030 .....	22,416,093.15
September 2021 ....	106,222,418.95	May 2026 .....	51,044,556.37	January 2031 .....	22,070,888.43
October 2021 .....	105,037,130.00	June 2026 .....	50,309,328.69	February 2031 .....	21,730,482.91
November 2021 ....	103,859,473.31	July 2026 .....	49,583,981.74	March 2031 .....	21,394,813.36
December 2021 .....	102,689,395.06	August 2026 .....	48,868,387.81	April 2031 .....	21,063,817.31
January 2022 .....	101,526,841.77	September 2026 ....	48,162,420.80	May 2031 .....	20,737,433.12
February 2022 .....	100,371,760.31	October 2026 .....	47,465,956.22	June 2031 .....	20,415,599.92
March 2022 .....	99,224,097.91	November 2026 ....	46,778,871.13	July 2031 .....	20,098,257.63
April 2022 .....	98,083,802.10	December 2026 .....	46,101,044.15	August 2031 .....	19,785,346.93
May 2022 .....	96,950,820.79	January 2027 .....	45,432,355.44	September 2031 ....	19,476,809.27
June 2022 .....	95,825,102.22	February 2027 .....	44,772,686.68	October 2031 .....	19,172,586.82
July 2022 .....	94,706,594.95	March 2027 .....	44,121,921.01	November 2031 ....	18,872,622.54
August 2022 .....	93,595,247.88	April 2027 .....	43,479,943.08	December 2031 .....	18,576,860.06

# Aggregate Group I (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
January 2032 .....	\$ 18,285,243.79	December 2036 .....	\$ 6,762,696.85	November 2041 .....	\$ 1,992,547.88
February 2032 .....	17,997,718.81	January 2037 .....	6,640,666.69	December 2041 .....	1,944,093.86
March 2032 .....	17,714,230.92	February 2037 .....	6,520,452.90	January 2042 .....	1,896,432.53
April 2032 .....	17,434,726.62	March 2037 .....	6,402,030.66	February 2042 .....	1,849,552.56
May 2032 .....	17,159,153.08	April 2037 .....	6,285,375.47	March 2042 .....	1,803,442.78
June 2032 .....	16,887,458.16	May 2037 .....	6,170,463.12	April 2042 .....	1,758,092.14
July 2032 .....	16,619,590.38	June 2037 .....	6,057,269.76	May 2042 .....	1,713,489.77
August 2032 .....	16,355,498.93	July 2037 .....	5,945,771.82	June 2042 .....	1,669,624.93
September 2032 .....	16,095,133.65	August 2037 .....	5,835,946.05	July 2042 .....	1,626,487.03
October 2032 .....	15,838,445.01	September 2037 .....	5,727,769.51	August 2042 .....	1,584,065.61
November 2032 .....	15,585,384.13	October 2037 .....	5,621,219.54	September 2042 .....	1,542,350.36
December 2032 .....	15,335,902.77	November 2037 .....	5,516,273.81	October 2042 .....	1,501,331.12
January 2033 .....	15,089,953.27	December 2037 .....	5,412,910.24	November 2042 .....	1,460,997.84
February 2033 .....	14,847,488.62	January 2038 .....	5,311,107.08	December 2042 .....	1,421,340.63
March 2033 .....	14,608,462.40	February 2038 .....	5,210,842.84	January 2043 .....	1,382,349.72
April 2033 .....	14,372,828.78	March 2038 .....	5,112,096.31	February 2043 .....	1,344,015.47
May 2033 .....	14,140,542.54	April 2038 .....	5,014,846.58	March 2043 .....	1,306,328.38
June 2033 .....	13,911,559.01	May 2038 .....	4,919,073.00	April 2043 .....	1,269,279.06
July 2033 .....	13,685,834.13	June 2038 .....	4,824,755.17	May 2043 .....	1,232,858.28
August 2033 .....	13,463,324.39	July 2038 .....	4,731,873.01	June 2043 .....	1,197,056.89
September 2033 .....	13,243,986.82	August 2038 .....	4,640,406.65	July 2043 .....	1,161,865.90
October 2033 .....	13,027,779.05	September 2038 .....	4,550,336.52	August 2043 .....	1,127,276.42
November 2033 .....	12,814,659.21	October 2038 .....	4,461,643.28	September 2043 .....	1,093,279.70
December 2033 .....	12,604,586.00	November 2038 .....	4,374,307.86	October 2043 .....	1,059,867.09
January 2034 .....	12,397,518.64	December 2038 .....	4,288,311.43	November 2043 .....	1,027,030.06
February 2034 .....	12,193,416.87	January 2039 .....	4,203,635.43	December 2043 .....	994,760.20
March 2034 .....	11,992,240.96	February 2039 .....	4,120,261.51	January 2044 .....	963,049.21
April 2034 .....	11,793,951.70	March 2039 .....	4,038,171.60	February 2044 .....	931,888.92
May 2034 .....	11,598,510.36	April 2039 .....	3,957,347.84	March 2044 .....	901,271.24
June 2034 .....	11,405,878.74	May 2039 .....	3,877,772.61	April 2044 .....	871,188.21
July 2034 .....	11,216,019.10	June 2039 .....	3,799,428.52	May 2044 .....	841,631.97
August 2034 .....	11,028,894.22	July 2039 .....	3,722,298.43	June 2044 .....	812,594.78
September 2034 .....	10,844,467.34	August 2039 .....	3,646,365.41	July 2044 .....	784,068.99
October 2034 .....	10,662,702.19	September 2039 .....	3,571,612.75	August 2044 .....	756,047.06
November 2034 .....	10,483,562.95	October 2039 .....	3,498,023.97	September 2044 .....	728,521.55
December 2034 .....	10,307,014.28	November 2039 .....	3,425,582.80	October 2044 .....	701,485.13
January 2035 .....	10,133,021.29	December 2039 .....	3,354,273.19	November 2044 .....	674,930.56
February 2035 .....	9,961,549.55	January 2040 .....	3,284,079.30	December 2044 .....	648,850.70
March 2035 .....	9,792,565.05	February 2040 .....	3,214,985.50	January 2045 .....	623,238.51
April 2035 .....	9,626,034.26	March 2040 .....	3,146,976.38	February 2045 .....	598,087.05
May 2035 .....	9,461,924.05	April 2040 .....	3,080,036.70	March 2045 .....	573,389.46
June 2035 .....	9,300,201.74	May 2040 .....	3,014,151.47	April 2045 .....	549,139.00
July 2035 .....	9,140,835.06	June 2040 .....	2,949,305.85	May 2045 .....	525,328.99
August 2035 .....	8,983,792.17	July 2040 .....	2,885,485.23	June 2045 .....	501,952.86
September 2035 .....	8,829,041.63	August 2040 .....	2,822,675.17	July 2045 .....	479,004.14
October 2035 .....	8,676,552.42	September 2040 .....	2,760,861.46	August 2045 .....	456,476.42
November 2035 .....	8,526,293.92	October 2040 .....	2,700,030.03	September 2045 .....	434,363.41
December 2035 .....	8,378,235.90	November 2040 .....	2,640,167.03	October 2045 .....	412,658.87
January 2036 .....	8,232,348.53	December 2040 .....	2,581,258.78	November 2045 .....	391,356.69
February 2036 .....	8,088,602.37	January 2041 .....	2,523,291.79	December 2045 .....	370,450.80
March 2036 .....	7,946,968.36	February 2041 .....	2,466,252.75	January 2046 .....	349,935.24
April 2036 .....	7,807,417.80	March 2041 .....	2,410,128.51	February 2046 .....	329,804.12
May 2036 .....	7,669,922.40	April 2041 .....	2,354,906.11	March 2046 .....	310,051.65
June 2036 .....	7,534,454.20	May 2041 .....	2,300,572.77	April 2046 .....	290,672.09
July 2036 .....	7,400,985.64	June 2041 .....	2,247,115.87	May 2046 .....	271,659.81
August 2036 .....	7,269,489.48	July 2041 .....	2,194,522.95	June 2046 .....	253,009.23
September 2036 .....	7,139,938.86	August 2041 .....	2,142,781.73	July 2046 .....	234,714.86
October 2036 .....	7,012,307.28	September 2041 .....	2,091,880.09	August 2046 .....	216,771.29
November 2036 .....	6,886,568.55	October 2041 .....	2,041,806.08	September 2046 .....	199,173.18

### Aggregate Group I (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
October 2046 .....	\$ 181,915.26	March 2047 .....	\$ 100,549.30	August 2047 .....	\$ 26,939.02
November 2046 .....	164,992.35	April 2047 .....	85,225.97	September 2047 ....	13,095.83
December 2046 .....	148,399.31	May 2047 .....	70,207.95	October 2047 and	
January 2047 .....	132,131.10	June 2047 .....	55,490.54	thereafter .....	0.00
February 2047 .....	116,182.73	July 2047 .....	41,069.09		

### Aggregate Group II Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance .....	\$107,928,000.00	January 2022 .....	\$ 72,180,423.29	January 2026 .....	\$ 39,064,884.39
February 2018 .....	107,683,065.71	February 2022 .....	71,345,460.18	February 2026 .....	38,530,796.79
March 2018 .....	107,407,855.88	March 2022 .....	70,517,309.07	March 2026 .....	38,003,495.28
April 2018 .....	107,102,466.42	April 2022 .....	69,695,913.43	April 2026 .....	37,482,896.98
May 2018 .....	106,767,016.47	May 2022 .....	68,881,217.16	May 2026 .....	36,968,920.00
June 2018 .....	106,401,648.37	June 2022 .....	68,073,164.59	June 2026 .....	36,461,483.43
July 2018 .....	106,006,527.62	July 2022 .....	67,271,700.51	July 2026 .....	35,960,507.31
August 2018 .....	105,581,842.78	August 2022 .....	66,476,770.17	August 2026 .....	35,465,912.66
September 2018 ....	105,127,805.34	September 2022 ....	65,688,319.22	September 2026 ....	34,977,621.42
October 2018 .....	104,644,649.57	October 2022 .....	64,906,293.76	October 2026 .....	34,495,556.48
November 2018 ....	104,132,632.34	November 2022 ....	64,130,640.33	November 2026 ....	34,019,641.63
December 2018 ....	103,592,032.92	December 2022 ....	63,361,305.88	December 2026 ....	33,549,801.60
January 2019 .....	103,023,152.75	January 2023 .....	62,598,237.79	January 2027 .....	33,085,962.00
February 2019 .....	102,426,315.12	February 2023 .....	61,841,383.86	February 2027 .....	32,628,049.32
March 2019 .....	101,801,864.92	March 2023 .....	61,090,692.30	March 2027 .....	32,175,990.96
April 2019 .....	101,150,168.31	April 2023 .....	60,346,111.74	April 2027 .....	31,729,715.15
May 2019 .....	100,471,612.33	May 2023 .....	59,607,591.22	May 2027 .....	31,289,151.00
June 2019 .....	99,766,604.57	June 2023 .....	58,875,080.19	June 2027 .....	30,854,228.48
July 2019 .....	99,035,572.71	July 2023 .....	58,148,528.48	July 2027 .....	30,424,878.36
August 2019 .....	98,278,964.10	August 2023 .....	57,427,886.34	August 2027 .....	30,001,032.28
September 2019 ....	97,497,245.32	September 2023 ....	56,713,104.43	September 2027 ....	29,582,622.66
October 2019 .....	96,690,901.65	October 2023 .....	56,004,133.77	October 2027 .....	29,169,582.76
November 2019 ....	95,860,436.59	November 2023 ....	55,300,925.80	November 2027 ....	28,761,846.62
December 2019 ....	95,006,371.30	December 2023 ....	54,603,432.33	December 2027 ....	28,359,349.09
January 2020 .....	94,129,244.06	January 2024 .....	53,911,605.56	January 2028 .....	27,962,025.76
February 2020 .....	93,229,609.66	February 2024 .....	53,225,398.08	February 2028 .....	27,569,813.04
March 2020 .....	92,308,038.81	March 2024 .....	52,544,762.83	March 2028 .....	27,182,648.07
April 2020 .....	91,365,117.52	April 2024 .....	51,869,653.16	April 2028 .....	26,800,468.76
May 2020 .....	90,401,446.42	May 2024 .....	51,200,022.77	May 2028 .....	26,423,213.74
June 2020 .....	89,417,640.14	June 2024 .....	50,535,825.75	June 2028 .....	26,050,822.41
July 2020 .....	88,441,877.33	July 2024 .....	49,877,016.52	July 2028 .....	25,683,234.86
August 2020 .....	87,474,091.63	August 2024 .....	49,223,549.91	August 2028 .....	25,320,391.94
September 2020 ....	86,514,217.20	September 2024 ....	48,575,381.07	September 2028 ....	24,962,235.17
October 2020 .....	85,562,188.73	October 2024 .....	47,932,465.53	October 2028 .....	24,608,706.79
November 2020 ....	84,617,941.43	November 2024 ....	47,294,759.17	November 2028 ....	24,259,749.73
December 2020 ....	83,681,411.03	December 2024 ....	46,662,218.22	December 2028 ....	23,915,307.61
January 2021 .....	82,752,533.77	January 2025 .....	46,034,799.26	January 2029 .....	23,575,324.73
February 2021 .....	81,831,246.38	February 2025 .....	45,412,459.23	February 2029 .....	23,239,746.03
March 2021 .....	80,917,486.13	March 2025 .....	44,797,959.73	March 2029 .....	22,908,517.15
April 2021 .....	80,011,190.77	April 2025 .....	44,191,226.73	April 2029 .....	22,581,584.36
May 2021 .....	79,112,298.53	May 2025 .....	43,592,165.66	May 2029 .....	22,258,894.59
June 2021 .....	78,220,748.15	June 2025 .....	43,000,683.08	June 2029 .....	21,940,395.38
July 2021 .....	77,336,478.87	July 2025 .....	42,416,686.66	July 2029 .....	21,626,034.93
August 2021 .....	76,459,430.39	August 2025 .....	41,840,085.19	August 2029 .....	21,315,762.05
September 2021 ....	75,589,542.90	September 2025 ....	41,270,788.52	September 2029 ....	21,009,526.16
October 2021 .....	74,726,757.07	October 2025 .....	40,708,707.58	October 2029 .....	20,707,277.31
November 2021 ....	73,871,014.05	November 2025 ....	40,153,754.38	November 2029 ....	20,408,966.12
December 2021 ....	73,022,255.43	December 2025 ....	39,605,841.95	December 2029 ....	20,114,543.83



## Aggregate Group II (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
January 2030 .....	\$ 19,823,962.26	December 2034 .....	\$ 8,027,220.90	November 2039 .....	\$ 2,790,358.99
February 2030 .....	19,537,173.79	January 2035 .....	7,897,479.77	December 2039 .....	2,734,483.20
March 2030 .....	19,254,131.41	February 2035 .....	7,769,516.73	January 2040 .....	2,679,432.26
April 2030 .....	18,974,788.64	March 2035 .....	7,643,309.16	February 2040 .....	2,625,195.31
May 2030 .....	18,699,099.58	April 2035 .....	7,518,834.73	March 2040 .....	2,571,761.60
June 2030 .....	18,427,018.88	May 2035 .....	7,396,071.36	April 2040 .....	2,519,120.53
July 2030 .....	18,158,501.73	June 2035 .....	7,274,997.25	May 2040 .....	2,467,261.61
August 2030 .....	17,893,503.88	July 2035 .....	7,155,590.86	June 2040 .....	2,416,174.52
September 2030 .....	17,631,981.58	August 2035 .....	7,037,830.93	July 2040 .....	2,365,849.02
October 2030 .....	17,373,891.63	September 2035 .....	6,921,696.44	August 2040 .....	2,316,275.05
November 2030 .....	17,119,191.36	October 2035 .....	6,807,166.65	September 2040 .....	2,267,442.63
December 2030 .....	16,867,838.58	November 2035 .....	6,694,221.05	October 2040 .....	2,219,341.94
January 2031 .....	16,619,791.64	December 2035 .....	6,582,839.39	November 2040 .....	2,171,963.25
February 2031 .....	16,375,009.39	January 2036 .....	6,473,001.68	December 2040 .....	2,125,296.98
March 2031 .....	16,133,451.16	February 2036 .....	6,364,688.16	January 2041 .....	2,079,333.66
April 2031 .....	15,895,076.79	March 2036 .....	6,257,879.32	February 2041 .....	2,034,063.93
May 2031 .....	15,659,846.58	April 2036 .....	6,152,555.88	March 2041 .....	1,989,478.55
June 2031 .....	15,427,721.33	May 2036 .....	6,048,698.81	April 2041 .....	1,945,568.42
July 2031 .....	15,198,662.32	June 2036 .....	5,946,289.31	May 2041 .....	1,902,324.52
August 2031 .....	14,972,631.28	July 2036 .....	5,845,308.80	June 2041 .....	1,859,737.96
September 2031 .....	14,749,590.40	August 2036 .....	5,745,738.94	July 2041 .....	1,817,799.96
October 2031 .....	14,529,502.35	September 2036 .....	5,647,561.61	August 2041 .....	1,776,501.84
November 2031 .....	14,312,330.22	October 2036 .....	5,550,758.92	September 2041 .....	1,735,835.06
December 2031 .....	14,098,037.58	November 2036 .....	5,455,313.18	October 2041 .....	1,695,791.14
January 2032 .....	13,886,588.42	December 2036 .....	5,361,206.95	November 2041 .....	1,656,361.76
February 2032 .....	13,677,947.17	January 2037 .....	5,268,422.97	December 2041 .....	1,617,538.65
March 2032 .....	13,472,078.69	February 2037 .....	5,176,944.22	January 2042 .....	1,579,313.69
April 2032 .....	13,268,948.26	March 2037 .....	5,086,753.87	February 2042 .....	1,541,678.83
May 2032 .....	13,068,521.59	April 2037 .....	4,997,835.30	March 2042 .....	1,504,626.15
June 2032 .....	12,870,764.81	May 2037 .....	4,910,172.12	April 2042 .....	1,468,147.79
July 2032 .....	12,675,644.44	June 2037 .....	4,823,748.10	May 2042 .....	1,432,236.04
August 2032 .....	12,483,127.43	July 2037 .....	4,738,547.24	June 2042 .....	1,396,883.25
September 2032 .....	12,293,181.11	August 2037 .....	4,654,553.74	July 2042 .....	1,362,081.87
October 2032 .....	12,105,773.22	September 2037 .....	4,571,751.96	August 2042 .....	1,327,824.46
November 2032 .....	11,920,871.88	October 2037 .....	4,490,126.50	September 2042 .....	1,294,103.67
December 2032 .....	11,738,445.61	November 2037 .....	4,409,662.11	October 2042 .....	1,260,912.22
January 2033 .....	11,558,463.29	December 2037 .....	4,330,343.75	November 2042 .....	1,228,242.97
February 2033 .....	11,380,894.21	January 2038 .....	4,252,156.56	December 2042 .....	1,196,088.82
March 2033 .....	11,205,708.01	February 2038 .....	4,175,085.87	January 2043 .....	1,164,442.79
April 2033 .....	11,032,874.70	March 2038 .....	4,099,117.19	February 2043 .....	1,133,297.97
May 2033 .....	10,862,364.65	April 2038 .....	4,024,236.18	March 2043 .....	1,102,647.56
June 2033 .....	10,694,148.61	May 2038 .....	3,950,428.73	April 2043 .....	1,072,484.83
July 2033 .....	10,528,197.68	June 2038 .....	3,877,680.86	May 2043 .....	1,042,803.13
August 2033 .....	10,364,483.28	July 2038 .....	3,805,978.79	June 2043 .....	1,013,595.91
September 2033 .....	10,202,977.23	August 2038 .....	3,735,308.89	July 2043 .....	984,856.70
October 2033 .....	10,043,651.65	September 2038 .....	3,665,657.71	August 2043 .....	956,579.10
November 2033 .....	9,886,479.01	October 2038 .....	3,597,011.98	September 2043 .....	928,756.81
December 2033 .....	9,731,432.12	November 2038 .....	3,529,358.56	October 2043 .....	901,383.58
January 2034 .....	9,578,484.13	December 2038 .....	3,462,684.50	November 2043 .....	874,453.28
February 2034 .....	9,427,608.50	January 2039 .....	3,396,977.01	December 2043 .....	847,959.82
March 2034 .....	9,278,779.02	February 2039 .....	3,332,223.44	January 2044 .....	821,897.22
April 2034 .....	9,131,969.81	March 2039 .....	3,268,411.32	February 2044 .....	796,259.54
May 2034 .....	8,987,155.27	April 2039 .....	3,205,528.32	March 2044 .....	771,040.96
June 2034 .....	8,844,310.16	May 2039 .....	3,143,562.27	April 2044 .....	746,235.70
July 2034 .....	8,703,409.51	June 2039 .....	3,082,501.14	May 2044 .....	721,838.05
August 2034 .....	8,564,428.68	July 2039 .....	3,022,333.07	June 2044 .....	697,842.41
September 2034 .....	8,427,343.31	August 2039 .....	2,963,046.33	July 2044 .....	674,243.22
October 2034 .....	8,292,129.35	September 2039 .....	2,904,629.33	August 2044 .....	651,034.99
November 2034 .....	8,158,763.03	October 2039 .....	2,847,070.65	September 2044 .....	628,212.32



***Aggregate Group II (Continued)***

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
October 2044 . . . . .	\$ 605,769.86	November 2045 . . . .	\$ 346,307.94	December 2046 . . . .	\$ 139,750.83
November 2044 . . . .	583,702.35	December 2045 . . . .	328,664.42	January 2047 . . . . .	125,786.01
December 2044 . . . .	562,004.57	January 2046 . . . . .	311,328.75	February 2047 . . . .	112,076.75
January 2045 . . . . .	540,671.39	February 2046 . . . .	294,296.57	March 2047 . . . . .	98,619.39
February 2045 . . . .	519,697.74	March 2046 . . . . .	277,563.61	April 2047 . . . . .	85,410.29
March 2045 . . . . .	499,078.60	April 2046 . . . . .	261,125.62	May 2047 . . . . .	72,445.90
April 2045 . . . . .	478,809.03	May 2046 . . . . .	244,978.43	June 2047 . . . . .	59,722.68
May 2045 . . . . .	458,884.16	June 2046 . . . . .	229,117.92	July 2047 . . . . .	47,237.16
June 2045 . . . . .	439,299.16	July 2046 . . . . .	213,540.02	August 2047 . . . . .	34,985.91
July 2045 . . . . .	420,049.28	August 2046 . . . . .	198,240.71	September 2047 . . . .	22,965.53
August 2045 . . . . .	401,129.82	September 2046 . . . .	183,216.02	October 2047 . . . . .	11,172.68
September 2045 . . . .	382,536.15	October 2046 . . . . .	168,462.05	November 2047 and	
October 2045 . . . . .	364,263.69	November 2046 . . . .	153,974.92	thereafter . . . . .	0.00

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**\$530,922,197**



**Guaranteed REMIC  
Pass-Through Certificates**

**Fannie Mae REMIC Trust 2018-9**

## PROSPECTUS SUPPLEMENT

**Nomura**

**January 25, 2018**