

\$534,599,986



Fannie Mae®

**Guaranteed REMIC Pass-Through Certificates
Fannie Mae REMIC Trust 2018-86**

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 class), and
- principal to the extent available for payment on your class.

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

The Fannie Mae Guaranty

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

The Trust and its Assets

The trust will own

- Fannie Mae MBS backed by first lien, single-family fixed-rate loans, and
- Fannie Mae MBS backed by first lien, single-family adjustable-rate loans.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
FM ...	1	\$ 32,000,000	PT	(2)	FLT	3136B3SM3	December 2048
MF ...	1	50,489,368	PT	(2)	FLT	3136B3SN1	December 2048
SM ...	1	82,489,368(3)	NTL	(2)	INV/IO	3136B3SP6	December 2048
MA ...	1	41,244,685	PT	3.5%	FIX	3136B3SQ4	December 2048
UF ...	2	67,083,333	PT	(2)	FLT	3136B3SR2	December 2048
FY ...	2	26,096,285	PT	(2)	FLT	3136B3SS0	December 2048
US ...	2	93,179,618(3)	NTL	(2)	INV/IO	3136B3ST8	December 2048
UA ...	2	18,635,924	PT	3.5	FIX	3136B3SU5	December 2048
FP ...	3	15,446,600	PAC/AD	(2)	FLT	3136B3SV3	December 2048
SP ...	3	15,446,600(3)	NTL	(2)	INV/IO	3136B3SW1	December 2048
JA(4) .	3	54,358,000	PAC/AD	4.0	FIX	3136B3SX9	May 2047
JY ...	3	7,428,400	PAC/AD	4.0	FIX	3136B3SY7	December 2048
ZJ ...	3	11,267,000	SUP	4.5	FIX/Z	3136B3SZ4	December 2048
FN ...	4	26,827,049	PT	(5)	FLT/AFC	3136B3TA8	December 2048
SN ...	4	26,827,049(3)	NTL	(6)	WAC/IO	3136B3TB6	December 2048
AF ...	5	19,182,912	PT	(2)	FLT	3136B3TC4	December 2048
AS ...	5	19,182,912(3)	NTL	(2)	INV/IO	3136B3TD2	December 2048
WF ...	6	26,012,189	PT	(7)	FLT/AFC	3136B3TE0	December 2048
WI ...	6	26,012,189(3)	NTL	(8)	WAC/IO	3136B3TF7	December 2048

(Table continued on next page)

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The JG, JI, JE, JC, JB, CA, CI, CB, CD, CE, CG, CH, DL and D Classes are the RCR classes. For a more detailed description of the RCR classes, see Schedule 1 attached to this prospectus supplement and "Description of the Certificates-Combination and Recombination-RCR Certificates" in the REMIC prospectus.

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

Carefully consider the risk factors starting on page S-9 of this prospectus supplement and starting on page 7 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.

MORGAN STANLEY

The date of this Prospectus Supplement is November 26, 2018

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
DA(4) .	7	\$ 28,053,456	PAC	3.5%	FIX	3136B3TG5	November 2044
DM(4) .	7	4,820,809	PAC	3.5	FIX	3136B3TH3	August 2046
LD(4) .	7	7,736,254	PAC	3.5	FIX	3136B3TJ9	December 2048
C(4) . . .	7	5,565,561	SUP	3.5	FIX	3136B3TK6	December 2048
DF	7	92,352,161	PT	(2)	FLT	3136B3TL4	December 2048
DS	7	92,352,161(3)	NTL	(2)	INV/IO	3136B3TM2	December 2048
R		0	NPR	0	NPR	3136B3TN0	December 2048
RL		0	NPR	0	NPR	3136B3TP5	December 2048

- | | |
|--|--|
| <p>(1) See "Description of the Certificates - Class Definitions and Abbreviations" in the REMIC prospectus.</p> <p>(2) Based on LIBOR.</p> <p>(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.</p> <p>(4) Exchangeable classes.</p> | <p>(5) Based on LIBOR and subject to the limitations described on page S-15 and S-16.</p> <p>(6) The interest rate of the SN Class is calculated as described on page S-16.</p> <p>(7) Based on LIBOR and subject to the limitations described on page S-16.</p> <p>(8) The interest rate of the WI Class is calculated as described on page S-16.</p> |
|--|--|

TABLE OF CONTENTS

	<u>Page</u>		<u>Page</u>
AVAILABLE INFORMATION	S-3	<i>Accrual Class</i>	S-15
SUMMARY	S-4	<i>The FN Class</i>	S-15
ADDITIONAL RISK FACTORS	S-9	<i>The SN Class</i>	S-16
DESCRIPTION OF THE CERTIFICATES .	S-9	<i>The WF Class</i>	S-16
GENERAL	S-9	<i>The WI Class</i>	S-16
<i>Structure</i>	S-9	DISTRIBUTIONS OF PRINCIPAL	S-17
<i>Fannie Mae Guaranty</i>	S-10	STRUCTURING ASSUMPTIONS	S-18
<i>Characteristics of Certificates</i>	S-10	<i>Pricing Assumptions</i>	S-18
<i>Authorized Denominations</i>	S-10	<i>Prepayment Assumptions</i>	S-19
THE FIXED RATE MBS	S-11	<i>Principal Balance Schedules.</i>	S-19
THE ARM MBS	S-11	YIELD TABLES AND ADDITIONAL	
<i>General</i>	S-11	YIELD CONSIDERATIONS	S-20
<i>Characteristics of the Hybrid ARM Loans in</i>		<i>General</i>	S-20
<i>Group 4</i>	S-11	<i>The Inverse Floating Rate Classes</i>	S-20
Applicable Indices	S-11	<i>The SN and WI Classes</i>	S-22
Initial Interest Only Periods	S-12	<i>The Fixed Rate Interest Only Classes</i>	S-22
Initial Fixed-Rate Periods	S-12	WEIGHTED AVERAGE LIVES OF THE	
ARM Rate Changes	S-12	CERTIFICATES	S-23
Initial ARM Rate Change Caps	S-12	DECREMENT TABLES	S-23
Subsequent ARM Rate Change Caps	S-12	CHARACTERISTICS OF THE RESIDUAL	
Lifetime Cap and Floor	S-12	CLASSES	S-30
Monthly Payments	S-12	CERTAIN ADDITIONAL FEDERAL	
Option to Convert to Fixed Rate	S-13	INCOME TAX CONSEQUENCES	S-30
Prepayment Premium Periods	S-13	REMIC ELECTIONS AND SPECIAL TAX	
Reduced Servicing Fee	S-13	ATTRIBUTES	S-30
<i>Characteristics of the Hybrid ARM Loans in</i>		TAXATION OF BENEFICIAL OWNERS OF	
<i>Group 6</i>	S-13	REGULAR CERTIFICATES	S-30
Applicable Indices	S-13	TAXATION OF BENEFICIAL OWNERS OF	
Initial Interest Only Periods	S-13	RESIDUAL CERTIFICATES	S-31
Initial Fixed-Rate Periods	S-14	TAXATION OF BENEFICIAL OWNERS OF	
ARM Rate Changes	S-14	RCR CERTIFICATES	S-31
Initial ARM Rate Change Caps	S-14	TAX AUDIT PROCEDURES	S-31
Subsequent ARM Rate Change Caps	S-14	FOREIGN INVESTORS	S-32
Lifetime Cap and Floor	S-14	ADDITIONAL ERISA	
Monthly Payments	S-14	CONSIDERATIONS	S-32
Option to Convert to Fixed Rate	S-14	PLAN OF DISTRIBUTION	S-32
Prepayment Premium Periods	S-15	EUROPEAN ECONOMIC AREA RISK	
Reduced Servicing Fee	S-15	RETENTION	S-32
DISTRIBUTIONS OF INTEREST	S-15	LEGAL MATTERS	S-34
<i>General</i>	S-15	EXHIBIT A-1	A-1
<i>Delay Classes and No-Delay Classes</i>	S-15	EXHIBIT A-2	A-4
		SCHEDULE 1	A-12
		PRINCIPAL BALANCE SCHEDULES ..	B-1

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 November 1, 2018 (the "REMIC Prospectus");
- our Prospectus for Fannie Mae Guaranteed Mortgage Pass-Through Certificates (Single-Family Residential Mortgage Loans) dated
 - May 1, 2018, for all MBS issued on or after May 1, 2018,
 - June 1, 2016, for all MBS issued on or after June 1, 2016 and prior to May 1, 2018,
 - October 1, 2014, for all MBS issued on or after October 1, 2014 and prior to June 1, 2016,
 - March 1, 2013, for all MBS issued on or after March 1, 2013 and prior to October 1, 2014,
 - February 1, 2012, for all MBS issued on or after February 1, 2012 and prior to March 1, 2013,
 - July 1, 2011, for all MBS issued on or after July 1, 2011 and prior to February 1, 2012,
 - June 1, 2009, for all MBS issued on or after January 1, 2009 and prior to July 1, 2011,
 - April 1, 2008, for all MBS issued on or after June 1, 2007 and prior to January 1, 2009, or
 - January 1, 2006, for all other MBS(as applicable, the "MBS Prospectus"); and
- any information incorporated by reference in this prospectus supplement as discussed below and under the heading "Incorporation by Reference" in the REMIC Prospectus.

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

The MBS Prospectus is incorporated by reference in this prospectus supplement. This means that we are disclosing information in that document by referring you to it. That document is considered part of this prospectus supplement, so you should read this prospectus supplement, and any applicable supplements or amendments, together with that document.

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

Fannie Mae
MBS Helpline
1100 15th Street, NW
Washington, D.C. 20005
(telephone 800-2FANNIE).

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

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

Morgan Stanley & Co. LLC
c/o Broadridge Financial Solutions
Prospectus Department
1155 Long Island Avenue
Edgewood, NY 11717
(telephone 631-274-2635).

SUMMARY

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

Assets Underlying Each Group of Classes

<u>Group</u>	<u>Assets</u>
1	Group 1 MBS *
2	Group 2 MBS * *
3	Group 3 MBS
4	Group 4 MBS
5	Group 5 MBS
6	Group 6 MBS
7	Group 7 MBS

* Includes the Subgroup 1a MBS and Subgroup 1b MBS.

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

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

Characteristics of the Fixed Rate 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				
<i>Subgroup 1a</i>	\$48,000,000.00	5.50%	5.75% to 8.00%	60 to 360
<i>Subgroup 1b</i>	\$75,734,053.00	5.50%	5.75% to 8.00%	4 to 360
Group 2 MBS				
<i>Subgroup 2a</i>	\$80,500,000.00	6.00%	6.25% to 8.50%	1 to 360
<i>Subgroup 2b</i>	\$31,315,542.00	6.00%	6.25% to 8.50%	45 to 360
Group 3 MBS	\$88,500,000.00	4.50%	4.75% to 7.00%	241 to 360
Group 5 MBS	\$19,182,912.00	6.50%	6.75% to 9.00%	10 to 360
Group 7 MBS	\$11,114,946.09	5.50%	5.75% to 8.00%	241 to 360
	\$ 3,151,461.28	5.50%	5.75% to 8.00%	241 to 360
	\$ 2,462,133.50	5.50%	5.75% to 8.00%	241 to 360
	\$25,336,422.70	5.50%	5.75% to 8.00%	241 to 360
	\$ 5,717,624.97	5.50%	5.75% to 8.00%	241 to 360
	\$ 3,314,729.57	5.50%	5.75% to 8.00%	241 to 360
	\$26,167,901.51	5.50%	5.75% to 8.00%	241 to 360
	\$ 4,033,230.18	5.50%	5.75% to 8.00%	241 to 360
	\$20,452,859.19	5.50%	5.75% to 8.00%	241 to 360
	\$ 3,797,776.77	5.50%	5.75% to 8.00%	241 to 360
	\$ 1,231,687.81	5.50%	5.75% to 8.00%	241 to 360
	\$ 1,149,315.21	5.50%	5.75% to 8.00%	241 to 360
	\$ 3,346,584.00	5.50%	5.75% to 8.00%	241 to 360
	\$ 4,223,809.00	5.50%	5.75% to 8.00%	241 to 360
	\$ 5,792,000.00	5.50%	5.75% to 8.00%	241 to 360
	\$17,235,760.00	5.50%	5.75% to 8.00%	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					
<i>Subgroup 1a</i>	\$48,000,000.00	360	191	158	5.990%
<i>Subgroup 1b</i>	\$75,734,053.00	360	187	161	6.010%
Group 2 MBS					
<i>Subgroup 2a</i>	\$80,500,000.00	360	161	187	6.520%
<i>Subgroup 2b</i>	\$31,315,542.00	360	194	153	6.560%
Group 3 MBS	\$88,500,000.00	360	347	12	4.990%
Group 5 MBS	\$19,182,912.00	360	171	175	7.050%
Group 7 MBS	\$11,114,946.09	360	357	3	6.110%
	\$ 3,151,461.28	360	355	4	6.147%
	\$ 2,462,133.50	360	357	3	6.111%
	\$25,336,422.70	360	353	7	6.125%
	\$ 5,717,624.97	360	356	4	6.250%
	\$ 3,314,729.57	360	357	3	6.135%
	\$26,167,901.51	360	355	4	6.179%
	\$ 4,033,230.18	360	356	4	6.210%
	\$20,452,859.19	360	356	3	6.122%
	\$ 3,797,776.77	360	356	3	6.313%
	\$ 1,231,687.81	360	357	3	6.265%
	\$ 1,149,315.21	360	357	3	6.306%
	\$ 3,346,584.00	360	358	2	6.179%
	\$ 4,223,809.00	360	359	1	6.144%
	\$ 5,792,000.00	360	358	1	6.118%
	\$17,235,760.00	360	359	1	6.151%

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the Fixed Rate 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 4 and Group 6

The first table in Exhibit A-1 and Exhibit A-2 of this prospectus supplement lists certain assumed characteristics of the mortgage loans underlying the adjustable-rate MBS in Group 4 and Group 6, respectively. The assumed characteristics appearing in Exhibit A-1 and Exhibit A-2 may not reflect the actual characteristics of the individual adjustable-rate mortgage loans included in the related pools. The actual characteristics of most of the related mortgage loans may differ from those specified in Exhibit A-1 or Exhibit A-2, as applicable, and may differ significantly.

The second table in Exhibit A-1 and Exhibit A-2 of this prospectus supplement lists the pool numbers of the adjustable-rate MBS in Group 4 and Group 6 respectively, that are expected to be included in the Lower Tier REMIC.

Settlement Date

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

Distribution Dates

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

Record Date

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

Book-Entry and Physical Certificates

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

Fed Book-Entry

All classes of certificates other than the R and RL Classes

Physical

R and RL Classes

Exchanging Certificates Through Combination and Recombination

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

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

Interest Rates

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

During the initial interest accrual period, the floating rate and inverse floating rate classes (other than the FN and WF 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 (other than the FN and WF 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>
FM	2.61038%	6.50%	0.30%	LIBOR + 30 basis points
MF	2.61038%	6.50%	0.30%	LIBOR + 30 basis points
SM	3.88962%	6.20%	0.00%	6.2% - LIBOR
UF	2.61038%	6.50%	0.30%	LIBOR + 30 basis points
FY	2.61038%	6.50%	0.30%	LIBOR + 30 basis points
US	3.88962%	6.20%	0.00%	6.2% - LIBOR
FP	2.71038%	6.50%	0.40%	LIBOR + 40 basis points
SP	3.78962%	6.10%	0.00%	6.1% - LIBOR
AF	2.61038%	6.50%	0.30%	LIBOR + 30 basis points
AS	3.88962%	6.20%	0.00%	6.2% - LIBOR
DF	2.71038%	6.50%	0.40%	LIBOR + 40 basis points
DS	3.78962%	6.10%	0.00%	6.1% - LIBOR

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

During each interest accrual period, the FN, SN, WF and WI Classes will bear interest at the applicable annual rates described under "Description of the Certificates-Distributions of Interest -*The FN Class*," "*The SN Class*," "*The WF Class*," and "*The WI Class*," respectively, in this prospectus supplement.

Notional Classes

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

Class

SM	199.9999951509%	of the MA Class
US	499.9999892680%	of the UA Class
SP	100%	of the FP Class
SN	100%	of the FN Class
AS	100%	of the AF Class
WI	100%	of the WF Class
DS	100%	of the DF Class
JI	22.2222212002%	of the JA Class
CI	18.1818149150%	of the C Class

Distributions of Principal

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

Weighted Average Lives (years)*

		PSA Prepayment Assumption					
<u>Group 1 Classes</u>		<u>0%</u>	<u>100%</u>	<u>190%</u>	<u>400%</u>	<u>800%</u>	<u>1100%</u>
FM		20.5	6.7	5.1	3.1	1.5	0.9
MF		20.5	6.6	5.1	3.0	1.5	0.9
SM and MA		20.5	6.6	5.1	3.0	1.5	0.9

		PSA Prepayment Assumption					
<u>Group 2 Classes</u>		<u>0%</u>	<u>100%</u>	<u>226%</u>	<u>500%</u>	<u>1000%</u>	<u>1400%</u>
UF		20.8	5.8	4.3	2.4	1.1	0.6
FY		20.8	6.8	4.7	2.5	1.1	0.6
US and UA		20.8	6.1	4.4	2.4	1.1	0.6

		PSA Prepayment Assumption						
<u>Group 3 Classes</u>		<u>0%</u>	<u>100%</u>	<u>120%</u>	<u>150%</u>	<u>210%</u>	<u>400%</u>	<u>600%</u>
FP and SP		15.1	7.6	7.2	7.2	7.2	4.3	2.9
JA, JG, JE, JC, JB and JI		13.9	6.0	5.6	5.6	5.6	3.3	2.3
JY		23.7	18.9	18.9	18.9	18.9	11.3	7.5
ZJ		27.3	20.1	19.0	15.3	2.2	0.7	0.4

		CPR Prepayment Assumption						
<u>Group 4 Classes</u>		<u>0%</u>	<u>5%</u>	<u>10%</u>	<u>15%</u>	<u>25%</u>	<u>50%</u>	<u>75%</u>
FN and SN		11.4	8.2	6.1	4.7	3.1	1.4	0.7

		PSA Prepayment Assumption						
<u>Group 5 Classes</u>		<u>0%</u>	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>800%</u>	<u>1100%</u>	<u>1600%</u>
AF and AS		21.1	6.2	4.5	3.0	1.5	0.9	0.3

		CPR Prepayment Assumption						
<u>Group 6 Classes</u>		<u>0%</u>	<u>5%</u>	<u>10%</u>	<u>15%</u>	<u>25%</u>	<u>50%</u>	<u>75%</u>
WF and WI		9.8	7.3	5.6	4.4	3.0	1.4	0.7

<u>Group 7 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>195%</u>	<u>225%</u>	<u>275%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>
DA	16.0	5.8	3.7	3.7	3.7	2.5	1.9	1.5
DM	25.4	13.7	8.7	8.7	8.7	5.1	3.4	2.6
LD	27.4	18.6	14.4	14.4	14.4	8.4	5.2	3.7
C, CA, CB, CD, CE, CG, CH and CI	29.3	25.3	16.6	10.6	2.6	1.0	0.6	0.5
DF and DS	20.5	11.1	7.6	6.8	5.9	3.6	2.4	1.9
DL	26.6	16.7	12.2	12.2	12.2	7.2	4.5	3.3
D	17.4	7.0	4.4	4.4	4.4	2.9	2.1	1.7

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

ADDITIONAL RISK FACTORS

Recent natural disasters may present a risk of increased mortgage loan defaults. In November 2018, various areas of Northern and Southern California experienced catastrophic damage due to wildfires; in September and October of 2018, areas of the coastal Carolinas and Florida experienced extensive damage as a result of Hurricane Florence and Hurricane Michael, respectively; and 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 damage resulting from the foregoing events, including fire loss, severe flooding, high winds and environmental contamination, remains uncertain. Thousands of people have been displaced and interruptions in the affected regional economies have been significant. Although the long-term effects are unclear, these events could lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. Accordingly, the rate of defaults on mortgage loans in the affected areas may increase. Any such increase will result in early payments of principal to holders of certificates (and early decreases in notional principal balances of interest only certificates) backed by MBS with underlying mortgage loans secured by properties in the affected areas.

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

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

DESCRIPTION OF THE CERTIFICATES

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

General

Structure. We will create the Fannie Mae REMIC Trust specified on the cover of this prospectus supplement (the "Trust") pursuant to a trust agreement dated as of May 1, 2010 and a supplement thereto dated as of November 1, 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 having fixed pass-through rates (the "Group 1 MBS," "Group 2 MBS," "Group 3 MBS," "Group 5 MBS" and "Group 7 MBS" and together, the "Fixed Rate MBS"), and
- two groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates having variable pass-through rates (the "Group 4 MBS" and "Group 6 MBS" and together, the "ARM MBS").

The Fixed Rate MBS and the ARM MBS are referred to collectively as the "MBS."

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

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

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

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

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

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

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

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

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

The Fixed Rate MBS

The Fixed Rate MBS provide that principal and interest on the related Mortgage Loans are passed through monthly. The Mortgage Loans underlying the Fixed Rate 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.

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

The ARM MBS

Unless otherwise specified, references in this section to percentages of the Hybrid ARM Loans are in each case measured by aggregate principal balance of the related Group of Hybrid ARM Loans at the Issue Date.

General

The Mortgage Loans underlying the ARM MBS in Group 4 and Group 6 (the "Hybrid ARM Loans") will have the general characteristics described in the MBS Prospectus. In addition, we assume that the Hybrid ARM Loans will have the characteristics listed in the first table on Exhibit A-1 or Exhibit A-2, as applicable, to this prospectus supplement. The ARM MBS provide that principal and interest on the Hybrid ARM Loans are passed through monthly, beginning in the month after we issue the ARM MBS. Except as described below, the Hybrid ARM Loans are conventional, adjustable-rate mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. Substantially all of the Hybrid ARM Loans have original maturities of up to 30 years. See "Description of the Certificates," "The Mortgage Loan Pools", "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)" and "Yield, Maturity and Prepayment Considerations" in the MBS Prospectus. See also the second table in Exhibit A-1 or Exhibit A-2, as applicable, to this prospectus supplement for the pool numbers of the ARM MBS that are expected to be included in the Lower Tier REMIC.

Characteristics of the Hybrid ARM Loans in Group 4

Applicable Indices

After the initial fixed-rate period, the ARM Rate for the Hybrid ARM Loans in Group 4 will adjust

- in the case of approximately 1% of the Hybrid ARM Loans, semi-annually based on the Six-Month WSJ LIBOR Index (the "Six-Month LIBOR ARM Loans") as available generally 25 days prior to the related interest rate adjustment date;
- in the case of approximately 98% of the Hybrid ARM Loans, annually based on the One-Year WSJ LIBOR Index (the "One-Year LIBOR ARM Loans") as available generally 45 days prior to the related interest rate adjustment date; or
- in the case of approximately 1% of the Hybrid ARM Loans, annually based on the One-Year Treasury Index (the "One-Year Treasury ARM Loans") as available generally 45 days prior to the related interest rate adjustment date.

See "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)- *ARM Indices*" in the MBS Prospectus for a description of the index. If the index becomes unavailable, an alternative index will be determined in accordance with the terms of the related mortgage note.

Initial Interest Only Periods

The scheduled monthly payments on approximately 67% of the Hybrid ARM Loans in Group 4 represented accrued interest only for periods that generally range up to 10 years following origination. Beginning with the first monthly payment following the expiration of the applicable interest only period, the related loan documents provide that the scheduled monthly payment on each of the related Hybrid ARM Loans will be increased by an amount sufficient to pay accrued interest at the then current rate and to fully amortize the Hybrid ARM Loan by its scheduled maturity date. See "Risk Factors-Risks Relating to Yield and Prepayment- *Fixed-rate and ARM loans with long initial interest-only payment periods may be more likely to be refinanced or become delinquent than other mortgage loans*" in the MBS Prospectus dated May 1, 2018.

Initial Fixed-Rate Periods

For the following approximate percentages of the Hybrid ARM Loans in Group 4, the interest rates were fixed for the initial periods from origination reflected in the following table (the "Initial Fixed Rate"):

Initial Fixed-Rate Period			
<u>3 years</u>	<u>5 years</u>	<u>7 years</u>	<u>10 years</u>
5%	44%	18%	33%

ARM Rate Changes

After the initial fixed-rate period, the ARM Rate of each Hybrid ARM Loan in Group 4 is set annually or semi-annually, subject to the caps and floors described below, to equal the *sum* of (i) the applicable index value *plus* (ii) a specified percentage amount (the "ARM Margin") that the lender established when the Hybrid ARM Loan was originated.

Initial ARM Rate Change Caps

For the interest rate adjustment immediately following the end of the initial fixed-rate period, the ARM Rate for each Hybrid ARM Loan in Group 4 generally may not deviate by more than 2, 5 or 6 percentage points, as applicable, from the related Initial Fixed Rate.

Subsequent ARM Rate Change Caps

On each applicable ARM Rate adjustment date thereafter, the ARM Rate for each Hybrid ARM Loan in Group 4 generally may not deviate by more than 2 percentage points, as applicable, from the related ARM Rate in effect immediately prior to that adjustment date.

Lifetime Cap and Floor

The ARM Rate for each Hybrid ARM Loan in Group 4, when adjusted on its applicable adjustment date, may not be greater than the maximum ARM Rate (lifetime rate cap) or less than its minimum ARM Rate (lifetime floor), as specified in the related mortgage note.

Monthly Payments

After the initial fixed-rate period, the amount of a borrower's monthly payment is subject to change

- in the case of the Six-Month LIBOR ARM Loans, at six-month intervals after the date specified in the related mortgage note,
- in the case of the One-Year LIBOR ARM Loans, generally on each anniversary of the date specified in the related mortgage note, or
- in the case of the One-Year Treasury ARM Loans, generally on each anniversary of the date specified in the related mortgage note.

Each new monthly payment amount will be calculated to equal an amount necessary to pay interest at the new ARM Rate, adjusted as described above, and, except in the case of any loan that may still be in its initial interest only payment period, to fully amortize the outstanding principal balance of the Hybrid ARM Loan on a level debt service basis over the remainder of its term.

Option to Convert to Fixed Rate

Approximately 1% of the Hybrid ARM Loans in Group 4 permitted the borrower to convert the loan to a fixed interest-rate loan at certain times specified in the related mortgage note. If the borrower exercises the right to convert the loan to a fixed-rate loan, we will purchase the loan from the related pool. See "Yield, Maturity and Prepayment Considerations-Maturity and Prepayment Considerations-Convertible ARM Loans" and "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)-Types of ARM Loans-Fully amortizing ARM loan with fixed-rate conversion option" in the MBS Prospectus dated May 1, 2018.

Prepayment Premium Periods

Approximately 1% of the Hybrid ARM Loans in Group 4 were subject to prepayment premiums if the borrowers made full or partial prepayments during prepayment premium periods that may range up to 60 months from the applicable origination dates.

Reduced Servicing Fee

Approximately 22% of the Hybrid ARM Loans in Group 4 have a minimum annual servicing fee of 0.125%. See "Fannie Mae Purchase Program-Servicing Compensation and Payment of Certain Expenses" in the MBS Prospectus.

Characteristics of the Hybrid ARM Loans in Group 6

Applicable Indices

After the initial fixed-rate period, the ARM Rate for the Hybrid ARM Loans in Group 6 will adjust

- in the case of approximately 5% of the Hybrid ARM Loans, semi-annually based on the Six-Month WSJ LIBOR Index (the "Six-Month LIBOR ARM Loans") as available generally 25 days or 45 days, as applicable, prior to the related interest rate adjustment date;
- in the case of approximately 47% of the Hybrid ARM Loans, annually based on the One-Year WSJ LIBOR Index (the "One-Year LIBOR ARM Loans") as available generally 25 days or 45 days, as applicable, prior to the related interest rate adjustment date;
- in the case of approximately 47% of the Hybrid ARM Loans, annually based on the One-Year Treasury Index (the "One-Year Treasury ARM Loans") as available generally 45 days, as applicable, prior to the related interest rate adjustment date; and
- in the case of approximately 1% of the Hybrid ARM Loans, the related ARM Rates will adjust based on several other interest rate indices. These indices are specified in the first table of Exhibit A-2 to this prospectus supplement.

See "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)- ARM Indices" in the MBS Prospectus for a description of the index. If the index becomes unavailable, an alternative index will be determined in accordance with the terms of the related mortgage note.

Initial Interest Only Periods

The scheduled monthly payments on approximately 19% of the Hybrid ARM Loans in Group 6 represented accrued interest only for periods that generally range up to 10 years following origination. Beginning with the first monthly payment following the expiration of the applicable interest only period, the related loan documents provide that the scheduled monthly payment on each of the related Hybrid ARM Loans will be increased by an amount sufficient to pay accrued interest at the then current rate and to fully amortize the Hybrid ARM Loan by its scheduled maturity date. See "Risk Factors-Risks Relating to Yield and Prepayment- Fixed-rate and ARM loans with long initial interest-only payment periods may be more likely to be refinanced or become delinquent than other mortgage loans" in the MBS Prospectus dated May 1, 2018.

Initial Fixed-Rate Periods

For the following approximate percentages of the Hybrid ARM Loans in Group 6, the interest rates were fixed for the initial periods from origination reflected in the following table (the "Initial Fixed Rate"):

Initial Fixed-Rate Period			
<u>3 years</u>	<u>5 years</u>	<u>7 years</u>	<u>10 years</u>
21%	67%	11%	1%

ARM Rate Changes

After the initial fixed-rate period, the ARM Rate of each Hybrid ARM Loan in Group 6 is generally set annually or semi-annually, subject to the caps and floors described below, to equal the *sum* of (i) the applicable index value *plus* (ii) a specified percentage amount (the "ARM Margin") that the lender established when the Hybrid ARM Loan was originated.

Initial ARM Rate Change Caps

For the interest rate adjustment immediately following the end of the initial fixed-rate period, the ARM Rate for each Hybrid ARM Loan in Group 6 generally may not deviate by more than 1, 2, 3, 4, 5 or 6 percentage points, as applicable, from the related Initial Fixed Rate.

Subsequent ARM Rate Change Caps

On each applicable ARM Rate adjustment date thereafter, the ARM Rate for each Hybrid ARM Loan in Group 6 generally may not deviate by more than 1 or 2 percentage points, as applicable, from the related ARM Rate in effect immediately prior to that adjustment date.

Lifetime Cap and Floor

The ARM Rate for each Hybrid ARM Loan in Group 6, when adjusted on its applicable adjustment date, may not be greater than the maximum ARM Rate (lifetime rate cap) or less than its minimum ARM Rate (lifetime floor), as specified in the related mortgage note.

Monthly Payments

After the initial fixed-rate period, the amount of a borrower's monthly payment is subject to change

- in the case of the Six-Month LIBOR ARM Loans, at six-month intervals after the date specified in the related mortgage note, or
- in the case of the One-Year LIBOR ARM Loans, generally on each anniversary of the date specified in the related mortgage note.
- in the case of the One-Year Treasury ARM Loans, generally on each anniversary of the date specified in the related mortgage note, or
- as otherwise specified on Exhibit A-2 to this prospectus supplement.

Each new monthly payment amount will be calculated to equal an amount necessary to pay interest at the new ARM Rate, adjusted as described above, and, except in the case of any loan that may still be in its initial interest only payment period, to fully amortize the outstanding principal balance of the Hybrid ARM Loan on a level debt service basis over the remainder of its term.

Option to Convert to Fixed Rate

Approximately 1% of the Hybrid ARM Loans in Group 6 permitted the borrower to convert the loan to a fixed interest-rate loan at certain times specified in the related mortgage note. If the borrower exercises the right to convert the loan to a fixed-rate loan, we will purchase the loan from the related pool. See "Yield, Maturity and Prepayment Considerations-Maturity and Prepayment Considerations-Convertible ARM Loans" and "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)-Types of ARM Loans-Fully amortizing ARM loan with fixed-rate conversion option" in the MBS Prospectus dated May 1, 2018.

Prepayment Premium Periods

Approximately 3% of the Hybrid ARM Loans in Group 6 were subject to prepayment premiums if the borrowers made full or partial prepayments during prepayment premium periods that may range up to 60 months from the applicable origination dates.

Reduced Servicing Fee

Approximately 6% of the Hybrid ARM Loans in Group 6 have a minimum annual servicing fee of 0.125%. See "Fannie Mae Purchase Program-Servicing Compensation and Payment of Certain Expenses" in the MBS Prospectus.

Distributions of Interest

General. The Certificates will bear interest at the rates specified in this prospectus supplement. Interest to be paid on each Certificate (or added to principal, in the case of the Accrual Class) 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 Class, see "*Accrual Class*" 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 "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 also determine the business day convention, the definition of business day, the reference rate date and the determination date to be used and any other methodology for calculating the alternative method or index, and 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 and the FN, WF, SN and WI Classes	Floating Rate and Inverse Floating Rate Classes other than the FN and WF Classes

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

Accrual Class. The ZJ Class is an Accrual Class. Interest will accrue on the Accrual Class at the applicable annual rate specified on the cover of this prospectus supplement. However, we will not pay any interest on the Accrual Class. Instead, interest accrued on the Accrual Class will be added as principal to its principal balance on each Distribution Date. We will pay principal on the Accrual Class as described under "*Distributions of Principal*" below.

The FN Class.

On each Distribution Date, we will pay interest on the FN Class in an amount equal to one month's interest at an annual rate equal to the *lesser* of

- LIBOR + 35 basis points (but in no event less than 0.35%)
or
- the Weighted Average Group 4 MBS Pass-Through Rate.

The "Weighted Average Group 4 MBS Pass-Through Rate" for any Distribution Date is equal to the weighted average of the pass-through rates of the Group 4 MBS in effect for calculating distributions on that Distribution Date, weighted on the basis of the principal balances of the Group 4 MBS after giving effect to distributions of principal made on the immediately preceding Distribution Date.

During the initial interest accrual period, the FN Class will bear interest at an annual rate of 2.66038%. Our determination of the interest rate for the FN Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The SN Class.

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

- a fraction, expressed as a percentage, the numerator of which is the *excess*, if any, of
 - the aggregate amount of interest then paid on the Group 4 MBS
over
 - the interest payable on the FN Class on that Distribution Date,

and the denominator of which is the notional principal balance of the SN Class immediately preceding that Distribution Date,

multiplied by

- 12.

During the initial interest accrual period, the SN Class is expected to bear interest at an annual rate of approximately 1.525%. Our determination of the interest rate for the SN Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The WF Class.

On each Distribution Date, we will pay interest on the WF Class in an amount equal to one month's interest at an annual rate equal to the *lesser* of

- LIBOR + 35 basis points (but in no event less than 0.35%)
or
- the Weighted Average Group 6 MBS Pass-Through Rate.

The "Weighted Average Group 6 MBS Pass-Through Rate" for any Distribution Date is equal to the weighted average of the pass-through rates of the Group 6 MBS in effect for calculating distributions on that Distribution Date, weighted on the basis of the principal balances of the Group 6 MBS after giving effect to distributions of principal made on the immediately preceding Distribution Date.

During the initial interest accrual period, the WF Class will bear interest at an annual rate of 2.66038%. Our determination of the interest rate for the WF Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

The WI Class.

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

- a fraction, expressed as a percentage, the numerator of which is the *excess*, if any, of
 - the aggregate amount of interest then paid on the Group 6 MBS
 - over
 - the interest payable on the WF Class on that Distribution Date,

and the denominator of which is the notional principal balance of the WI Class immediately preceding that Distribution Date,

multiplied by

- 12.

During the initial interest accrual period, the WI Class is expected to bear interest at an annual rate of approximately 1.634%. Our determination of the interest rate for the WI Class will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 800-2FANNIE.

Distributions of Principal

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

• Group 1

The Subgroup 1a Principal Distribution Amount as follows:

- 66.6666666667% to FM until retired.

The Subgroup 1b Principal Distribution Amount as follows:

- 66.6666657864% to MF until retired.

Remainder of the Subgroup 1a Principal Distribution Amount and remainder of the Subgroup 1b Principal Distribution Amount to MA until retired.

The "Subgroup 1a Principal Distribution Amount" is the principal then paid on the Subgroup 1a MBS.

The "Subgroup 1b Principal Distribution Amount" is the principal then paid on the Subgroup 1b MBS.

• Group 2

The Subgroup 2a Principal Distribution Amount as follows:

- 83.3333329193% to UF until retired.

The Subgroup 2b Principal Distribution Amount as follows:

- 83.3333333333% to FY until retired.

Remainder of the Subgroup 2a Principal Distribution Amount and remainder of the Subgroup 2b Principal Distribution Amount to UA until retired.

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

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

• Group 3

The ZJ Accrual Amount to Aggregate Group I to its Planned Balance, and thereafter to ZJ.

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

1. To Aggregate Group I to its Planned Balance.
2. To ZJ until retired.
3. To Aggregate Group I to zero.

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

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

"Aggregate Group I" consists of the FP, JA and JY Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I as follows:

- 20% to FP until retired, and
- 80% to JA and JY, 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 4*

The Group 4 Principal Distribution Amount to FN until retired.

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

• *Group 5*

The Group 5 Principal Distribution Amount to AF until retired.

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

• *Group 6*

The Group 6 Principal Distribution Amount to WF until retired.

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

• *Group 7*

The Group 7 Principal Distribution Amount as follows:

- 33.3333330927% as follows:
 - first*, to Aggregate Group II to its Planned Balance;
 - second*, to C until retired; and
 - third*, to Aggregate Group II to zero; and
- 66.6666669073% to DF until retired.

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

"Aggregate Group II" consists of the DA, DM, and LD Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II to DA, DM, and LD, 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.

Structuring Assumptions

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

- the Mortgage Loans underlying the Fixed Rate 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 5 and Group 7 - Assumed Characteristics of the Underlying Mortgage Loans" in this prospectus supplement;
- the Hybrid ARM Loans have the characteristics set forth in Exhibit A-1 or Exhibit A-2 to this prospectus supplement;
- with respect to the Hybrid ARM Loans in Group 4, the One-Year Treasury Index , Six-Month WSJ LIBOR Index and One-Year WSJ LIBOR Index values are and remain 2.7%, 2.86344% and 3.12963%, respectively;
- with respect to the Hybrid ARM Loans in Group 6, the One-Year Treasury Index , Six-Month WSJ LIBOR Index , One-Year WSJ LIBOR Index , Three-Year Treasury Index and Five-Year Treasury Index values are and remain 2.7%, 2.86344%, 3.12963%, 2.91%, and 2.94%, respectively;
- the Mortgage Loans prepay at the constant percentages of PSA or CPR, as applicable, specified in the related tables;
- the settlement date for the Certificates is November 30, 2018; and

- each Distribution Date occurs on the 25th day of a month.

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the Fixed Rate 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 with respect to the Group 1, Group 2, Group 3, Group 5 and Group 7 Classes is PSA. For a description of PSA, see "Yield, Maturity and Prepayment Considerations-Prepayment Models" in the REMIC Prospectus.

The prepayment model used in this prospectus supplement with respect to the Group 4 and Group 6 Classes is CPR. For a description of CPR, see "Yield, Maturity and Prepayment Considerations-Prepayment Models" in the REMIC Prospectus.

It is highly unlikely that prepayments will occur at any *constant* PSA or CPR rate, as applicable, 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, as applicable) 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 120% and 210% PSA	Between 120% and 210% PSA
Aggregate Group II Planned Balances	Between 195% and 275% PSA	Between 195% and 275% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	FP, JA and JY
Aggregate Group II	DA, DM and LD

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

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

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

- We will distribute any excess of principal distributions over the amount necessary to reduce 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 having scheduled balances will be supported by one or more other Classes. When the related supporting Class or Classes are retired, the Aggregate Group receiving the benefit of that support, if still outstanding, may no longer have an Effective Range, and will be much more sensitive to prepayments of the related Mortgage Loans.

Yield Tables and Additional Yield Considerations

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

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

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

We cannot assure you that

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

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

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

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

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

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

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

<u>Class</u>	<u>Price*</u>
SM	12.65625%
US	12.32813%
SP	14.21875%
AS	11.78125%
DS	12%

* 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 SM 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>190%</u>	<u>400%</u>	<u>800%</u>	<u>1100%</u>
0.50000%	39.3%	35.7%	29.0%	12.6%	(23.0)%	(55.9)%
1.31038%	31.9%	28.4%	21.9%	6.0%	(28.7)%	(60.6)%
2.31038%	22.7%	19.3%	13.1%	(2.3)%	(35.7)%	(66.5)%
4.31038%	3.1%	(0.1)%	(5.8)%	(19.9)%	(50.6)%	(78.9)%
6.20000%	*	*	*	*	*	*

**Sensitivity of the US 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>226%</u>	<u>500%</u>	<u>1000%</u>	<u>1400%</u>
0.50000%	39.7%	36.1%	26.7%	4.7%	(43.8)%	(99.7)%
1.31038%	32.1%	28.5%	19.4%	(1.9)%	(49.0)%	*
2.31038%	22.5%	19.1%	10.3%	(10.2)%	(55.5)%	*
4.31038%	1.9%	(1.2)%	(9.2)%	(28.0)%	(69.4)%	*
6.20000%	*	*	*	*	*	*

**Sensitivity of the SP 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>120%</u>	<u>150%</u>	<u>210%</u>	<u>400%</u>	<u>600%</u>
0.50000%	35.0%	31.0%	29.6%	29.6%	29.6%	19.4%	5.9%
1.31038%	28.4%	24.5%	23.1%	23.1%	23.1%	12.5%	(1.1)%
2.31038%	20.3%	16.3%	15.1%	15.1%	15.1%	4.0%	(9.7)%
4.31038%	3.1%	(0.7)%	(1.5)%	(1.5)%	(1.5)%	(13.3)%	(27.1)%
6.10000%	*	*	*	*	*	*	*

**Sensitivity of the AS 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>219%</u>	<u>400%</u>	<u>800%</u>	<u>1100%</u>	<u>1600%</u>
0.50000%	42.7%	39.0%	30.0%	15.7%	(20.4)%	(53.7)%	*
1.31038%	34.6%	31.1%	22.4%	8.4%	(26.6)%	(58.9)%	*
2.31038%	24.6%	21.2%	12.9%	(0.6)%	(34.2)%	(65.2)%	*
4.31038%	3.3%	0.2%	(7.5)%	(19.7)%	(50.4)%	(78.7)%	*
6.20000%	*	*	*	*	*	*	*

**Sensitivity of the DS 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>195%</u>	<u>225%</u>	<u>275%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>
0.50000%	46.7%	44.2%	39.3%	37.8%	35.2%	23.3%	6.8%	(10.6)%
1.31038%	38.8%	36.3%	31.4%	29.8%	27.2%	15.0%	(2.0)%	(19.9)%
2.31038%	29.3%	26.7%	21.7%	20.0%	17.3%	4.8%	(12.9)%	(31.6)%
4.31038%	10.4%	7.6%	2.2%	0.5%	(2.4)%	(15.9)%	(35.4)%	(56.8)%
6.10000%	*	*	*	*	*	*	*	*

The SN and WI Classes. The yields to investors in the SN and WI Classes will be very sensitive to the rate of principal payments (including prepayments) of the related Hybrid ARM Loans and to the level of LIBOR. The yields will also be sensitive to the weighted average interest rates of the related Hybrid ARM Loans. Except as described under "Description of the Certificates-The ARM MBS" in this prospectus supplement, the Hybrid ARM Loans can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the Hybrid ARM Loans is likely to vary, and may vary considerably, from pool to pool. Under certain high prepayment or high LIBOR scenarios, in particular, it is possible that investors in the SN and WI Classes would lose money on their initial investments.

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>
JI	264%
CI	542%

For either 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>
JI	21.0%
CI	4.5%

* 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 JI Class to Prepayments

	PSA Prepayment Assumption						
	<u>50%</u>	<u>100%</u>	<u>120%</u>	<u>150%</u>	<u>210%</u>	<u>400%</u>	<u>600%</u>
Pre-Tax Yields to Maturity	12.0%	6.2%	4.4%	4.4%	4.4%	(13.9)%	(36.6)%

Sensitivity of the CI Class to Prepayments

	PSA Prepayment Assumption							
	<u>50%</u>	<u>100%</u>	<u>195%</u>	<u>225%</u>	<u>275%</u>	<u>500%</u>	<u>800%</u>	<u>1100%</u>
Pre-Tax Yields to Maturity	143.1%	143.1%	143.1%	132.7%	111.4%	14.4%	(69.4)%	*

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions, and
- the priority sequences of distributions of principal of the Group 3 and Group 7 Classes.

See "-Distributions of Principal" above.

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

Decrement Tables

The following tables indicate the percentages of original principal balances of the specified Classes that would be outstanding after each date shown at various constant PSA or CPR rates, as applicable, 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 (other than the Group 4 and Group 6 Classes) 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	8.00%
Group 2 MBS	360 months	360 months	8.50%
Group 3 MBS	360 months	360 months	7.00%
Group 5 MBS	360 months	360 months	9.00%
Group 7 MBS	360 months	360 months	8.00%

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 or CPR level, as applicable.

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 or CPR rates, as applicable, 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	FM Class						MF Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	190%	400%	800%	1100%	0%	100%	190%	400%	800%	1100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	99	90	85	73	50	33	99	90	85	73	50	33
November 2020	98	81	72	53	25	11	98	81	72	53	25	11
November 2021	97	73	61	38	12	3	97	72	61	38	12	3
November 2022	96	65	51	28	6	1	96	64	51	28	6	1
November 2023	95	57	43	20	3	*	95	57	42	20	3	*
November 2024	94	50	35	14	1	*	94	50	35	14	1	*
November 2025	92	44	29	10	1	*	92	43	28	10	1	*
November 2026	91	37	23	7	*	*	91	37	23	7	*	*
November 2027	89	32	19	5	*	*	89	31	18	5	*	*
November 2028	88	26	14	3	*	*	88	25	14	3	*	*
November 2029	86	21	11	2	*	*	86	20	10	2	*	*
November 2030	84	16	8	1	*	*	84	15	7	1	*	*
November 2031	82	12	5	1	*	*	82	11	5	1	*	*
November 2032	79	7	3	*	*	*	79	6	3	*	*	*
November 2033	77	3	1	*	*	0	77	2	1	*	*	0
November 2034	74	0	0	0	0	0	74	0	0	0	0	0
November 2035	71	0	0	0	0	0	71	0	0	0	0	0
November 2036	68	0	0	0	0	0	68	0	0	0	0	0
November 2037	64	0	0	0	0	0	64	0	0	0	0	0
November 2038	60	0	0	0	0	0	60	0	0	0	0	0
November 2039	56	0	0	0	0	0	56	0	0	0	0	0
November 2040	52	0	0	0	0	0	52	0	0	0	0	0
November 2041	47	0	0	0	0	0	47	0	0	0	0	0
November 2042	42	0	0	0	0	0	42	0	0	0	0	0
November 2043	36	0	0	0	0	0	36	0	0	0	0	0
November 2044	30	0	0	0	0	0	30	0	0	0	0	0
November 2045	23	0	0	0	0	0	23	0	0	0	0	0
November 2046	16	0	0	0	0	0	16	0	0	0	0	0
November 2047	8	0	0	0	0	0	8	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.5	6.7	5.1	3.1	1.5	0.9	20.5	6.6	5.1	3.0	1.5	0.9
Date	SM† and MA Classes						UF Class					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	190%	400%	800%	1100%	0%	100%	226%	500%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	99	90	85	73	50	33	99	89	82	67	38	15
November 2020	98	81	72	53	25	11	98	80	67	44	14	2
November 2021	97	73	61	38	12	3	98	70	55	29	5	*
November 2022	96	65	51	28	6	1	97	61	44	19	2	*
November 2023	95	57	42	20	3	*	95	53	35	12	1	*
November 2024	94	50	35	14	1	*	94	45	27	8	*	*
November 2025	92	43	29	10	1	*	93	38	21	5	*	*
November 2026	91	37	23	7	*	*	92	31	16	3	*	*
November 2027	89	31	18	5	*	*	90	25	12	2	*	*
November 2028	88	26	14	3	*	*	89	18	8	1	*	0
November 2029	86	20	11	2	*	*	87	13	5	*	*	0
November 2030	84	16	8	1	*	*	85	7	3	*	*	0
November 2031	82	11	5	1	*	*	83	2	1	*	*	0
November 2032	79	7	3	*	*	*	81	0	0	0	0	0
November 2033	77	3	1	*	*	0	78	0	0	0	0	0
November 2034	74	0	0	0	0	0	75	0	0	0	0	0
November 2035	71	0	0	0	0	0	72	0	0	0	0	0
November 2036	68	0	0	0	0	0	69	0	0	0	0	0
November 2037	64	0	0	0	0	0	66	0	0	0	0	0
November 2038	60	0	0	0	0	0	62	0	0	0	0	0
November 2039	56	0	0	0	0	0	58	0	0	0	0	0
November 2040	52	0	0	0	0	0	53	0	0	0	0	0
November 2041	47	0	0	0	0	0	49	0	0	0	0	0
November 2042	42	0	0	0	0	0	43	0	0	0	0	0
November 2043	36	0	0	0	0	0	37	0	0	0	0	0
November 2044	30	0	0	0	0	0	31	0	0	0	0	0
November 2045	23	0	0	0	0	0	24	0	0	0	0	0
November 2046	16	0	0	0	0	0	17	0	0	0	0	0
November 2047	8	0	0	0	0	0	9	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.5	6.6	5.1	3.0	1.5	0.9	20.8	5.8	4.3	2.4	1.1	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	FY Class						US† and UA Classes					
	PSA Prepayment Assumption						PSA Prepayment Assumption					
	0%	100%	226%	500%	1000%	1400%	0%	100%	226%	500%	1000%	1400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	99	91	83	67	39	15	99	90	83	67	38	15
November 2020	98	82	69	45	15	2	98	80	68	44	15	2
November 2021	98	73	57	30	6	*	98	71	55	29	5	*
November 2022	97	66	47	20	2	*	97	63	45	19	2	*
November 2023	95	58	38	13	1	*	95	55	36	12	1	*
November 2024	94	51	31	9	*	*	94	47	28	8	*	*
November 2025	93	45	25	6	*	*	93	40	22	5	*	*
November 2026	92	39	20	4	*	*	92	33	17	3	*	*
November 2027	90	33	15	2	*	*	90	27	13	2	*	*
November 2028	89	27	12	1	*	0	89	21	9	1	*	0
November 2029	87	22	9	1	*	0	87	15	6	1	*	0
November 2030	85	17	6	1	*	0	85	10	4	*	*	0
November 2031	83	13	4	*	*	0	83	5	2	*	*	0
November 2032	81	9	3	*	*	0	81	2	1	*	*	0
November 2033	78	4	1	*	*	0	78	1	*	*	*	0
November 2034	75	1	*	*	0	0	75	*	*	*	0	0
November 2035	72	0	0	0	0	0	72	0	0	0	0	0
November 2036	69	0	0	0	0	0	69	0	0	0	0	0
November 2037	66	0	0	0	0	0	66	0	0	0	0	0
November 2038	62	0	0	0	0	0	62	0	0	0	0	0
November 2039	58	0	0	0	0	0	58	0	0	0	0	0
November 2040	53	0	0	0	0	0	53	0	0	0	0	0
November 2041	49	0	0	0	0	0	49	0	0	0	0	0
November 2042	43	0	0	0	0	0	43	0	0	0	0	0
November 2043	37	0	0	0	0	0	37	0	0	0	0	0
November 2044	31	0	0	0	0	0	31	0	0	0	0	0
November 2045	24	0	0	0	0	0	24	0	0	0	0	0
November 2046	17	0	0	0	0	0	17	0	0	0	0	0
November 2047	9	0	0	0	0	0	9	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.8	6.8	4.7	2.5	1.1	0.6	20.8	6.1	4.4	2.4	1.1	0.6

Date	FP and SP† Classes							JA, JG, JE, JC, JB and JI† Classes						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	120%	150%	210%	400%	600%	0%	100%	120%	150%	210%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	98	93	93	93	93	93	88	98	92	91	91	91	91	86
November 2020	96	85	83	83	83	73	56	96	83	80	80	80	69	50
November 2021	94	76	73	73	73	54	35	93	73	70	70	70	48	27
November 2022	92	68	64	64	64	40	22	91	64	59	59	59	32	12
November 2023	90	61	56	56	56	30	14	88	55	50	50	50	21	2
November 2024	87	53	48	48	48	22	9	85	47	41	41	41	12	0
November 2025	84	46	41	41	41	17	5	82	39	33	33	33	5	0
November 2026	82	40	35	35	35	12	3	79	32	26	26	26	*	0
November 2027	79	34	30	30	30	9	2	76	25	20	20	20	0	0
November 2028	75	28	25	25	25	7	1	72	18	15	15	15	0	0
November 2029	72	22	21	21	21	5	1	68	12	11	11	11	0	0
November 2030	68	18	18	18	18	4	1	64	7	7	7	7	0	0
November 2031	65	15	15	15	15	3	*	60	4	4	4	4	0	0
November 2032	61	13	13	13	13	2	*	55	1	1	1	1	0	0
November 2033	56	11	11	11	11	1	*	50	0	0	0	0	0	0
November 2034	52	9	9	9	9	1	*	45	0	0	0	0	0	0
November 2035	47	7	7	7	7	1	*	39	0	0	0	0	0	0
November 2036	41	6	6	6	6	1	*	33	0	0	0	0	0	0
November 2037	36	5	5	5	5	*	*	27	0	0	0	0	0	0
November 2038	30	4	4	4	4	*	*	20	0	0	0	0	0	0
November 2039	23	3	3	3	3	*	*	13	0	0	0	0	0	0
November 2040	17	2	2	2	2	*	*	5	0	0	0	0	0	0
November 2041	10	2	2	2	2	*	*	0	0	0	0	0	0	0
November 2042	2	1	1	1	1	*	*	0	0	0	0	0	0	0
November 2043	1	1	1	1	1	*	*	0	0	0	0	0	0	0
November 2044	1	1	1	1	1	*	*	0	0	0	0	0	0	0
November 2045	*	*	*	*	*	*	*	0	0	0	0	0	0	0
November 2046	*	*	*	*	*	*	*	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	15.1	7.6	7.2	7.2	7.2	4.3	2.9	13.9	6.0	5.6	5.6	5.6	3.3	2.3

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

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

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

Date	JY Class							ZJ Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	120%	150%	210%	400%	600%	0%	100%	120%	150%	210%	400%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	105	105	105	96	79	24	0
November 2020	100	100	100	100	100	100	100	109	109	109	89	50	0	0
November 2021	100	100	100	100	100	100	100	114	114	114	84	27	0	0
November 2022	100	100	100	100	100	100	100	120	120	120	82	12	0	0
November 2023	100	100	100	100	100	100	100	125	125	125	82	4	0	0
November 2024	100	100	100	100	100	100	73	131	131	131	83	*	0	0
November 2025	100	100	100	100	100	100	45	137	137	136	85	*	0	0
November 2026	100	100	100	100	100	100	28	143	143	138	86	*	0	0
November 2027	100	100	100	100	100	75	18	150	150	137	84	*	0	0
November 2028	100	100	100	100	100	56	11	157	157	134	81	*	0	0
November 2029	100	100	100	100	100	41	7	164	164	129	78	*	0	0
November 2030	100	100	100	100	100	30	4	171	163	123	73	*	0	0
November 2031	100	100	100	100	100	22	3	179	155	116	68	*	0	0
November 2032	100	100	100	100	100	16	2	188	146	109	63	*	0	0
November 2033	100	88	88	88	88	12	1	196	136	101	58	*	0	0
November 2034	100	73	73	73	73	8	1	205	126	93	52	*	0	0
November 2035	100	60	60	60	60	6	*	215	116	84	47	*	0	0
November 2036	100	49	49	49	49	4	*	224	105	76	42	*	0	0
November 2037	100	40	40	40	40	3	*	235	94	67	37	*	0	0
November 2038	100	32	32	32	32	2	*	246	83	59	32	*	0	0
November 2039	100	26	26	26	26	1	*	257	73	51	27	*	0	0
November 2040	100	20	20	20	20	1	*	269	63	43	23	*	0	0
November 2041	79	15	15	15	15	1	*	281	52	36	19	*	0	0
November 2042	15	11	11	11	11	*	*	294	43	29	15	*	0	0
November 2043	8	8	8	8	8	*	*	257	33	22	11	*	0	0
November 2044	5	5	5	5	5	*	*	214	24	16	8	*	0	0
November 2045	3	3	3	3	3	*	*	167	15	10	5	*	0	0
November 2046	1	1	1	1	1	*	*	116	7	5	2	*	0	0
November 2047	0	0	0	0	0	0	0	60	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	23.7	18.9	18.9	18.9	18.9	11.3	7.5	27.3	20.1	19.0	15.3	2.2	0.7	0.4
Date	FN and SN† Classes							AF and AS† Classes						
	CPR Prepayment Assumption							PSA Prepayment Assumption						
	0%	5%	10%	15%	25%	50%	75%	0%	100%	219%	400%	800%	1100%	1600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	97	92	88	83	73	49	24	99	90	83	73	50	33	4
November 2020	94	85	76	68	53	23	6	99	81	69	53	25	11	*
November 2021	91	78	66	56	38	11	1	98	72	57	38	12	3	*
November 2022	87	71	57	45	27	5	*	97	63	46	27	6	1	*
November 2023	83	64	49	37	20	3	*	96	55	37	19	3	*	*
November 2024	79	58	42	30	14	1	*	95	48	30	13	1	*	0
November 2025	75	52	36	24	10	1	*	94	41	24	9	1	*	0
November 2026	70	47	30	19	7	*	*	92	34	18	6	*	*	0
November 2027	66	41	25	15	5	*	*	91	28	14	4	*	*	0
November 2028	61	36	21	12	3	*	*	89	22	10	3	*	*	0
November 2029	55	32	17	9	2	*	*	88	16	7	2	*	*	0
November 2030	50	27	14	7	2	*	0	86	11	4	1	*	*	0
November 2031	44	23	11	5	1	*	0	84	6	2	*	*	*	0
November 2032	38	18	9	4	1	*	0	82	1	*	*	*	0	0
November 2033	31	15	6	3	*	*	0	79	0	0	0	0	0	0
November 2034	25	11	5	2	*	*	0	77	0	0	0	0	0	0
November 2035	18	7	3	1	*	*	0	74	0	0	0	0	0	0
November 2036	12	5	2	1	*	*	0	71	0	0	0	0	0	0
November 2037	8	3	1	*	*	*	0	67	0	0	0	0	0	0
November 2038	5	2	1	*	*	*	0	64	0	0	0	0	0	0
November 2039	2	1	*	*	*	0	0	59	0	0	0	0	0	0
November 2040	1	*	*	*	*	0	0	55	0	0	0	0	0	0
November 2041	*	*	*	*	*	0	0	50	0	0	0	0	0	0
November 2042	0	0	0	0	0	0	0	45	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	39	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	32	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	25	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	18	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	9	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	11.4	8.2	6.1	4.7	3.1	1.4	0.7	21.1	6.2	4.5	3.0	1.5	0.9	0.3

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

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

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

Date	WF and WI† Classes							DA Class							
	CPR Prepayment Assumption							PSA Prepayment Assumption							
	0%	5%	10%	15%	25%	50%	75%	0%	100%	195%	225%	275%	500%	800%	1100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	96	91	86	82	72	48	24	99	95	92	92	92	92	91	81
November 2020	92	83	75	67	52	23	6	97	86	76	76	76	68	42	19
November 2021	88	75	64	54	37	11	1	96	75	58	58	58	33	*	0
November 2022	83	68	55	44	26	5	*	94	64	42	42	42	9	0	0
November 2023	79	61	46	35	19	2	*	92	55	28	28	28	0	0	0
November 2024	74	54	39	28	13	1	*	90	45	16	16	16	0	0	0
November 2025	68	48	33	22	9	1	*	88	37	5	5	5	0	0	0
November 2026	63	42	27	17	6	*	*	85	29	0	0	0	0	0	0
November 2027	57	36	22	13	4	*	*	83	21	0	0	0	0	0	0
November 2028	51	30	18	10	3	*	*	80	14	0	0	0	0	0	0
November 2029	44	25	14	7	2	*	*	77	7	0	0	0	0	0	0
November 2030	37	20	11	5	1	*	0	73	1	0	0	0	0	0	0
November 2031	30	16	8	4	1	*	0	70	0	0	0	0	0	0	0
November 2032	23	11	5	2	*	*	0	66	0	0	0	0	0	0	0
November 2033	15	7	3	1	*	*	0	62	0	0	0	0	0	0	0
November 2034	9	4	2	1	*	*	0	57	0	0	0	0	0	0	0
November 2035	6	2	1	*	*	*	0	52	0	0	0	0	0	0	0
November 2036	4	2	1	*	*	*	0	47	0	0	0	0	0	0	0
November 2037	3	1	*	*	*	*	0	41	0	0	0	0	0	0	0
November 2038	2	1	*	*	*	0	0	35	0	0	0	0	0	0	0
November 2039	1	*	*	*	*	0	0	28	0	0	0	0	0	0	0
November 2040	*	*	*	*	*	0	0	21	0	0	0	0	0	0	0
November 2041	*	*	*	*	*	0	0	13	0	0	0	0	0	0	0
November 2042	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0
November 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	9.8	7.3	5.6	4.4	3.0	1.4	0.7	16.0	5.8	3.7	3.7	3.7	2.5	1.9	1.5

Date	DM Class								LD Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	195%	225%	275%	500%	800%	1100%	0%	100%	195%	225%	275%	500%	800%	1100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2021	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100	79
November 2022	100	100	100	100	100	100	0	0	100	100	100	100	100	100	83	26
November 2023	100	100	100	100	100	54	0	0	100	100	100	100	100	100	43	9
November 2024	100	100	100	100	100	0	0	0	100	100	100	100	100	92	22	3
November 2025	100	100	100	100	100	0	0	0	100	100	100	100	100	63	11	1
November 2026	100	100	76	76	76	0	0	0	100	100	100	100	100	43	6	*
November 2027	100	100	33	33	33	0	0	0	100	100	100	100	100	30	3	*
November 2028	100	100	0	0	0	0	0	0	100	100	98	98	98	20	1	*
November 2029	100	100	0	0	0	0	0	0	100	100	80	80	80	14	1	*
November 2030	100	100	0	0	0	0	0	0	100	100	65	65	65	9	*	*
November 2031	100	71	0	0	0	0	0	0	100	100	52	52	52	6	*	*
November 2032	100	39	0	0	0	0	0	0	100	100	42	42	42	4	*	*
November 2033	100	8	0	0	0	0	0	0	100	100	34	34	34	3	*	*
November 2034	100	0	0	0	0	0	0	0	100	87	27	27	27	2	*	*
November 2035	100	0	0	0	0	0	0	0	100	71	21	21	21	1	*	*
November 2036	100	0	0	0	0	0	0	0	100	55	17	17	17	1	*	*
November 2037	100	0	0	0	0	0	0	0	100	40	13	13	13	1	*	0
November 2038	100	0	0	0	0	0	0	0	100	26	10	10	10	*	*	0
November 2039	100	0	0	0	0	0	0	0	100	13	8	8	8	*	*	0
November 2040	100	0	0	0	0	0	0	0	100	6	6	6	6	*	*	0
November 2041	100	0	0	0	0	0	0	0	100	5	5	5	5	*	*	0
November 2042	100	0	0	0	0	0	0	0	100	3	3	3	3	*	*	0
November 2043	71	0	0	0	0	0	0	0	100	2	2	2	2	*	*	0
November 2044	12	0	0	0	0	0	0	0	100	2	2	2	2	*	*	0
November 2045	0	0	0	0	0	0	0	0	68	1	1	1	1	*	*	0
November 2046	0	0	0	0	0	0	0	0	25	1	1	1	1	*	0	0
November 2047	0	0	0	0	0	0	0	0	*	*	*	*	*	*	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	25.4	13.7	8.7	8.7	8.7	5.1	3.4	2.6	27.4	18.6	14.4	14.4	14.4	8.4	5.2	3.7

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

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

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

Date	C, CA, CB, CD, CE, CG, CH and CI† Classes								DF and DS† Classes							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	195%	225%	275%	500%	800%	1100%	0%	100%	195%	225%	275%	500%	800%	1100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	95	87	49	0	0	99	97	95	94	93	89	83	76
November 2020	100	100	100	85	61	0	0	0	98	91	86	84	81	68	53	39
November 2021	100	100	100	75	35	0	0	0	97	85	75	72	67	47	27	13
November 2022	100	100	100	68	17	0	0	0	96	78	65	61	55	33	14	4
November 2023	100	100	100	63	6	0	0	0	95	72	56	52	45	22	7	1
November 2024	100	100	100	60	1	0	0	0	94	67	49	44	37	15	4	*
November 2025	100	100	100	59	*	0	0	0	92	62	42	37	30	11	2	*
November 2026	100	100	98	57	*	0	0	0	91	57	37	32	25	7	1	*
November 2027	100	100	94	55	*	0	0	0	89	52	32	27	20	5	*	*
November 2028	100	100	89	51	*	0	0	0	88	48	27	23	16	3	*	*
November 2029	100	100	83	47	*	0	0	0	86	44	23	19	13	2	*	*
November 2030	100	100	76	43	*	0	0	0	84	40	20	16	11	2	*	*
November 2031	100	100	69	38	*	0	0	0	82	36	17	13	9	1	*	*
November 2032	100	100	62	34	*	0	0	0	79	33	15	11	7	1	*	*
November 2033	100	100	56	30	*	0	0	0	77	30	12	9	6	*	*	*
November 2034	100	100	49	26	*	0	0	0	74	27	10	8	5	*	*	*
November 2035	100	100	43	23	*	0	0	0	71	24	9	6	4	*	*	*
November 2036	100	100	37	19	*	0	0	0	68	21	7	5	3	*	*	0
November 2037	100	100	32	16	*	0	0	0	64	19	6	4	2	*	*	0
November 2038	100	100	27	14	*	0	0	0	60	16	5	3	2	*	*	0
November 2039	100	100	23	11	*	0	0	0	56	14	4	3	1	*	*	0
November 2040	100	93	19	9	*	0	0	0	52	12	3	2	1	*	*	0
November 2041	100	79	15	7	*	0	0	0	47	10	3	2	1	*	*	0
November 2042	100	65	12	6	*	0	0	0	42	8	2	1	1	*	*	0
November 2043	100	52	9	4	*	0	0	0	36	7	1	1	*	*	*	0
November 2044	100	40	7	3	*	0	0	0	30	5	1	1	*	*	*	0
November 2045	100	28	4	2	*	0	0	0	23	4	1	*	*	*	0	0
November 2046	100	17	3	1	*	0	0	0	16	2	*	*	*	*	0	0
November 2047	70	7	1	*	*	0	0	0	8	1	*	*	*	*	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.3	25.3	16.6	10.6	2.6	1.0	0.6	0.5	20.5	11.1	7.6	6.8	5.9	3.6	2.4	1.9
Date	DL Class								D Class							
	PSA Prepayment Assumption								PSA Prepayment Assumption							
	0%	100%	195%	225%	275%	500%	800%	1100%	0%	100%	195%	225%	275%	500%	800%	1100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2019	100	100	100	100	100	100	100	100	99	95	93	93	93	93	93	84
November 2020	100	100	100	100	100	100	100	100	98	88	80	80	80	72	50	31
November 2021	100	100	100	100	100	100	100	48	96	78	64	64	64	43	15	0
November 2022	100	100	100	100	100	100	51	16	95	70	51	51	51	22	0	0
November 2023	100	100	100	100	100	82	26	5	93	61	39	39	39	8	0	0
November 2024	100	100	100	100	100	57	13	2	91	53	28	28	28	0	0	0
November 2025	100	100	100	100	100	39	7	1	89	46	19	19	19	0	0	0
November 2026	100	100	91	91	91	27	3	*	87	39	11	11	11	0	0	0
November 2027	100	100	74	74	74	18	2	*	85	33	5	5	5	0	0	0
November 2028	100	100	60	60	60	12	1	*	83	27	0	0	0	0	0	0
November 2029	100	100	49	49	49	8	*	*	80	21	0	0	0	0	0	0
November 2030	100	100	40	40	40	6	*	*	77	16	0	0	0	0	0	0
November 2031	100	89	32	32	32	4	*	*	74	10	0	0	0	0	0	0
November 2032	100	77	26	26	26	3	*	*	71	6	0	0	0	0	0	0
November 2033	100	65	21	21	21	2	*	*	67	1	0	0	0	0	0	0
November 2034	100	54	17	17	17	1	*	*	64	0	0	0	0	0	0	0
November 2035	100	44	13	13	13	1	*	*	59	0	0	0	0	0	0	0
November 2036	100	34	10	10	10	1	*	0	55	0	0	0	0	0	0	0
November 2037	100	25	8	8	8	*	*	0	50	0	0	0	0	0	0	0
November 2038	100	16	6	6	6	*	*	0	44	0	0	0	0	0	0	0
November 2039	100	8	5	5	5	*	*	0	39	0	0	0	0	0	0	0
November 2040	100	4	4	4	4	*	*	0	32	0	0	0	0	0	0	0
November 2041	100	3	3	3	3	*	*	0	26	0	0	0	0	0	0	0
November 2042	100	2	2	2	2	*	*	0	18	0	0	0	0	0	0	0
November 2043	89	1	1	1	1	*	*	0	10	0	0	0	0	0	0	0
November 2044	66	1	1	1	1	*	*	0	2	0	0	0	0	0	0	0
November 2045	42	1	1	1	1	*	0	0	0	0	0	0	0	0	0	0
November 2046	15	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
November 2047	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
November 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	26.6	16.7	12.2	12.2	12.2	7.2	4.5	3.3	17.4	7.0	4.4	4.4	4.4	2.9	2.1	1.7

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

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

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

Characteristics of the Residual Classes

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

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

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections and Special Tax Attributes

We will make a REMIC election with respect to each REMIC set forth in the table under "Description of the Certificates-General-Structure." The Regular Classes will be designated as "regular interests" and the Residual Classes will be designated as the "residual 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 Classes, as "qualified mortgages" for other REMICs. See "Material Federal Income Tax Consequences-REMIC Election and Special Tax Attributes" in the REMIC Prospectus.

Taxation of Beneficial Owners of Regular Certificates

The Notional Classes and the Accrual Class will be issued with original issue discount ("OID"), and certain other Classes of Regular 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 Regular Certificates may be treated as having been issued at a premium. See "Material Federal Income Tax Consequences-Taxation of Beneficial Owners of Regular Certificates-*Regular Certificates Purchased at a Premium*" in the REMIC Prospectus.

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

<u>Group</u>	<u>Prepayment Assumption</u>
1	190% PSA
2	226% PSA
3	150% PSA
4	15% CPR
5	219% PSA
6	15% CPR
7	225% 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. The IRS issued Notice 2018-80, stating its intention to exclude market discount from the application of this rule, effective January 1, 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 DL and D Classes of RCR Certificates are Combination RCR Certificates. The remaining Classes of RCR Certificates are 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. Due to the possibility that Fannie Mae, any Dealer or any of their respective affiliates may receive certain benefits in connection with the sale or holding of the Certificates, the purchase of the Certificates using "assets of a plan" (as described in 29 C.F.R. Section 2510.3-101, as modified by Section 3(42) of ERISA) over which any of these parties or their affiliates has investment authority, or renders investment advice for a fee with respect to the assets of the plan, or is the employer or other sponsor of the plan, might be deemed to be a violation of a provision of Title I of ERISA or Section 4975 of the Code. Accordingly, the Certificates may not be purchased using the assets of any plan if Fannie Mae, any Dealer or any of their respective affiliates has investment authority, or renders investment advice for a fee with respect to the assets of the plan, or is the employer or other sponsor of the plan, unless an applicable prohibited transaction exemption is available to cover the purchase or holding of the Certificates or the transaction is not otherwise prohibited.

PLAN OF DISTRIBUTION

We are obligated to deliver the Certificates to Morgan Stanley & Co. LLC (the "Dealer") in exchange for the MBS. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

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 or (iii) 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) an EEA undertaking for collective investment in transferable securities ("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.

**Assumed Characteristics of the Mortgage Loans Underlying the Group 4 MBS
(As of November 1, 2018)**

	<u>Issue Date Unpaid Principal Balance</u>	<u>Net Mortgage Rate* (%)</u>	<u>Mortgage Rate (%)</u>	<u>Original Term (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Margin (%)</u>	<u>Initial Rate Cap (%)</u>	<u>Periodic Rate Cap (%)</u>	<u>Lifetime Rate Cap (%)</u>	<u>Lifetime Rate Floor† (%)</u>	<u>Months to Rate Change</u>	<u>Rate Reset Frequency (in months)</u>	<u>Payment Reset Frequency (in months)</u>	<u>Remaining Interest Only Period (in months)</u>	<u>Index**</u>
\$	605,092.20	4.485	5.063	360	202	158	2.278	***	2.000	10.4556	2.2780	10	12	12	N/A	WSJ_1YR_LIBOR
	450,476.07	3.641	4.240	360	206	154	2.250	***	2.000	11.2278	2.2500	3	12	12	0	WSJ_1YR_LIBOR
	502,260.40	4.061	4.838	360	201	159	2.250	***	2.000	12.2227	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	566,053.62	4.316	4.704	360	210	150	2.250	***	2.000	12.2008	2.2500	6	12	12	0	WSJ_1YR_LIBOR
	291,482.57	4.123	4.698	360	210	150	2.750	***	2.000	11.9824	2.7500	6	12	12	N/A	1YR_CMT
	701,514.92	3.872	4.292	360	205	155	2.250	***	2.000	10.7903	2.2500	3	12	12	N/A	WSJ_1YR_LIBOR
	222,816.64	3.654	4.228	360	207	153	2.250	***	2.000	11.2707	2.2500	3	12	12	0	WSJ_1YR_LIBOR
	2,748,160.48	3.986	4.540	360	209	151	2.250	***	2.000	11.4864	2.2500	5	12	12	0	WSJ_1YR_LIBOR
	402,414.12	4.324	4.994	360	215	145	2.250	***	2.000	12.0066	2.2500	10	12	12	N/A	WSJ_1YR_LIBOR
	204,006.75	4.347	5.000	360	212	148	2.250	***	2.000	12.0000	2.2500	8	12	12	0	WSJ_1YR_LIBOR
	962,231.20	4.315	5.000	360	213	147	2.250	***	2.000	12.2389	2.2500	9	12	12	0	WSJ_1YR_LIBOR
	732,970.20	4.341	4.878	360	215	145	2.260	***	2.000	11.1963	2.2600	9	12	12	0	WSJ_1YR_LIBOR
	690,993.50	3.632	4.303	360	228	132	2.280	***	2.000	11.2442	2.2800	3	12	12	0	WSJ_1YR_LIBOR
	176,408.72	3.913	5.125	360	227	133	2.250	***	2.000	11.8352	2.2500	11	12	12	0	WSJ_1YR_LIBOR
	203,905.88	4.071	4.891	360	209	151	2.391	***	2.000	12.8699	2.3910	5	6	6	0	WSJ_6MO_LIBOR
	448,424.03	4.520	5.000	360	212	148	2.250	***	2.000	11.3817	2.2500	8	12	12	0	WSJ_1YR_LIBOR
	320,199.18	4.525	5.000	360	188	172	2.250	***	2.000	10.2419	2.2500	8	12	12	0	WSJ_1YR_LIBOR
	408,839.50	4.572	5.197	360	215	145	2.250	***	2.000	11.1682	2.2500	11	12	12	N/A	WSJ_1YR_LIBOR
	754,155.39	4.495	5.125	360	216	144	2.250	***	2.000	12.8224	2.2500	12	12	12	0	WSJ_1YR_LIBOR
	306,333.01	4.576	4.921	360	187	173	2.250	***	2.000	10.8030	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	174,279.47	4.000	4.500	360	251	109	2.250	5.000	2.000	9.5000	2.2500	11	12	12	11	WSJ_1YR_LIBOR
	142,333.14	4.655	5.125	360	227	133	2.250	***	2.000	11.2500	2.2500	11	12	12	0	WSJ_1YR_LIBOR
	753,868.43	3.987	4.471	360	232	128	2.250	***	2.000	10.3865	2.2500	4	12	12	0	WSJ_1YR_LIBOR
	341,514.20	4.705	5.000	360	235	125	2.250	***	2.000	10.7932	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	642,276.60	4.520	5.000	360	237	123	2.250	***	2.000	10.6501	2.2500	9	12	12	0	WSJ_1YR_LIBOR
	273,260.93	4.670	5.125	301	178	123	2.250	***	2.000	10.9881	2.2500	9	12	12	N/A	WSJ_1YR_LIBOR
	237,010.00	4.670	5.125	360	236	124	2.250	***	2.000	10.4935	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	254,115.18	4.625	5.125	360	238	122	2.250	***	2.000	11.4932	2.2500	10	12	12	0	WSJ_1YR_LIBOR
	641,090.83	4.343	5.000	360	236	124	2.250	***	2.000	11.1537	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	1,010,343.61	4.457	4.957	360	235	125	2.250	***	2.000	10.1885	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	439,252.80	4.590	5.000	360	236	124	2.250	***	2.000	10.6292	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	253,166.00	4.570	5.000	360	237	123	2.250	***	2.000	10.6992	2.2500	9	12	12	N/A	WSJ_1YR_LIBOR
	416,871.58	4.500	5.000	360	238	122	2.250	***	2.000	11.0311	2.2500	10	12	12	0	WSJ_1YR_LIBOR
	329,826.00	4.445	5.000	360	238	122	2.250	***	2.000	11.0252	2.2500	10	12	12	N/A	WSJ_1YR_LIBOR
	2,243,450.72	4.274	4.754	360	253	107	2.250	5.000	2.000	9.7540	2.2500	13	12	12	13	WSJ_1YR_LIBOR
	1,902,057.93	4.410	4.881	360	248	112	2.269	5.000	2.000	9.8809	2.2690	8	12	12	8	WSJ_1YR_LIBOR
	781,355.96	4.340	4.795	360	252	108	2.250	5.000	2.000	9.7949	2.2500	12	12	12	12	WSJ_1YR_LIBOR

<u>Issue Date Unpaid Principal Balance</u>	<u>Net Mortgage Rate* (%)</u>	<u>Mortgage Rate (%)</u>	<u>Original Term (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Margin (%)</u>	<u>Initial Rate Cap (%)</u>	<u>Periodic Rate Cap (%)</u>	<u>Lifetime Rate Cap (%)</u>	<u>Lifetime Rate Floor† (%)</u>	<u>Months to Rate Change</u>	<u>Rate Reset Frequency (in months)</u>	<u>Payment Reset Frequency (in months)</u>	<u>Remaining Interest Only Period (in months)</u>	<u>Index**</u>
\$ 1,714,740.34	4.573	5.000	360	271	89	2.250	***	2.000	8.8727	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR
2,577,497.60	3.179	3.612	360	279	81	2.250	5.000	2.000	8.6118	2.2500	39	12	12	N/A	WSJ_1YR_LIBOR

* The "Net Mortgage Rate" of a Hybrid ARM Loan is equal to its then current interest rate less the sum of the related servicing fee and our guaranty fee (expressed in each case as an annual percentage).

** For a description of these Indices, see "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)-*ARM Indices*" in the MBS Prospectus.

*** We have assumed that all applicable initial fixed-rate periods have expired and that all initial rate adjustments have occurred.

† We have assumed that the lifetime rate floor for each Hybrid ARM Loan will never decline below the applicable ARM Margin for that loan.

Expected ARM MBS Pools in Group 4 (As of November 1, 2018)

The pool numbers of the Group 4 MBS expected to be included in the Lower Tier REMIC are listed below:

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
735982	\$ 605,092.20
745391	450,476.07
745678	502,260.40
745791	566,053.62
813603	291,482.57
850839	701,514.92
865411	222,816.64
868606	2,748,160.48
870898	402,414.12
886345	204,006.75
886723	962,231.20
888169	732,970.20
889015	690,993.50
889097	176,408.72
891326	203,905.88
892868	448,424.03
898733	320,199.18
904784	408,839.50
920985	754,155.39
922680	306,333.01
935412	174,279.47
950721	142,333.14
962673	753,868.43
964640	341,514.20
968472	642,276.60
975062	273,260.93
979528	237,010.00
979618	254,115.18
983348	641,090.83

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
986262	\$ 1,010,343.61
988011	439,252.80
990451	253,166.00
990956	416,871.58
991194	329,826.00
AC6981	2,243,450.72
AD0157	1,902,057.93
AD0545	781,355.96
AI5762	1,714,740.34
AL1501	2,577,497.60

**Assumed Characteristics of the Mortgage Loans Underlying the Group 6 MBS
(As of November 1, 2018)**

	<u>Issue Date</u> <u>Unpaid Principal Balance</u>	<u>Net Mortgage Rate*</u> (%)	<u>Mortgage Rate</u> (%)	<u>Original Term</u> (in months)	<u>Remaining Term to Maturity</u> (in months)	<u>Loan Age</u> (in months)	<u>Margin</u> (%)	<u>Initial Rate Cap</u> (%)	<u>Periodic Rate Cap</u> (%)	<u>Lifetime Rate Cap</u> (%)	<u>Lifetime Rate Floor†</u> (%)	<u>Months to Rate Change</u>	<u>Rate Reset Frequency</u> (in months)	<u>Payment Reset Frequency</u> (in months)	<u>Remaining Interest Only Period</u> (in months)	<u>Index**</u>
\$	8,408.36	4.062	4.737	360	54	306	2.625	***	2.000	10.9346	2.6250	7	12	12	N/A	1YR_CMT
	62,046.77	4.500	5.000	360	200	160	2.250	***	2.000	9.9626	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	74,947.86	4.500	5.000	360	200	160	2.250	***	2.000	10.4076	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	34,117.92	5.025	5.625	357	125	232	2.750	***	2.000	12.7500	2.7500	56	60	60	N/A	5YR_CMT
	2,360.71	4.229	4.775	360	173	187	2.750	***	2.000	10.1437	2.7500	6	12	12	N/A	1YR_CMT
	71,755.70	4.250	4.875	360	151	209	2.750	***	2.000	12.3268	2.7500	7	12	12	N/A	1YR_CMT
	39,366.88	3.938	4.692	360	168	192	2.750	***	2.000	10.1597	2.7500	7	12	12	N/A	1YR_CMT
	42,901.82	3.980	4.625	360	160	200	2.750	***	2.000	11.8750	2.7500	4	12	12	N/A	1YR_CMT
	12,047.47	3.890	4.375	360	171	189	2.250	***	2.000	10.3750	2.2500	3	12	12	N/A	WSJ_1YR_LIBOR
	23,355.75	3.777	4.385	360	171	189	2.250	***	2.000	10.6452	2.2500	3	12	12	N/A	WSJ_1YR_LIBOR
	21,181.82	3.965	4.500	360	171	189	2.750	***	2.000	10.1250	2.7500	3	12	12	N/A	1YR_CMT
	63,917.95	4.018	4.500	360	171	189	2.750	***	2.000	9.7586	2.7500	3	12	12	N/A	1YR_CMT
	48,595.45	4.037	4.625	360	173	187	2.250	***	2.000	10.5155	2.2500	5	12	12	0	WSJ_1YR_LIBOR
	59,368.62	4.288	4.748	360	174	186	2.750	***	2.000	9.4502	2.7500	6	12	12	N/A	1YR_CMT
	26,224.20	4.006	4.801	360	174	186	2.750	***	2.000	10.5026	2.7500	6	12	12	N/A	1YR_CMT
	299,717.50	4.425	4.875	357	171	186	2.250	***	2.000	9.8807	2.2500	6	12	12	N/A	WSJ_1YR_LIBOR
	30,918.54	4.298	5.000	360	175	185	2.250	***	2.000	10.7117	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	55,340.46	4.518	5.000	360	177	183	2.750	***	2.000	9.2938	2.7500	9	12	12	N/A	1YR_CMT
	79,458.59	4.451	4.951	360	175	185	2.250	***	2.000	9.2500	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR
	34,337.15	4.223	4.690	360	168	192	2.750	***	2.000	10.3949	2.7500	6	12	12	N/A	1YR_CMT
	55,614.48	3.662	4.366	360	182	178	2.360	***	2.000	9.9637	2.3600	3	12	12	N/A	WSJ_1YR_LIBOR
	26,066.49	4.088	4.616	360	184	176	2.795	***	2.000	10.1192	2.7950	4	12	12	N/A	1YR_CMT
	45,471.02	4.040	4.518	360	186	174	2.000	***	1.000	9.3716	2.0000	3	6	6	N/A	WSJ_6MO_LIBOR
	32,783.63	4.293	4.992	360	176	184	2.250	***	2.000	10.7444	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	24,392.62	4.502	5.037	360	177	183	2.750	***	2.000	10.4978	2.7500	9	12	12	N/A	1YR_CMT
	28,032.73	3.871	5.000	360	177	183	2.750	***	2.000	11.8408	2.7500	9	12	12	N/A	1YR_CMT
	29,788.61	4.326	4.856	360	187	173	2.750	***	2.000	10.1555	2.7500	7	12	12	N/A	1YR_CMT
	25,042.28	4.570	5.190	360	194	166	2.690	***	1.000	8.4144	2.6900	2	6	6	N/A	WSJ_6MO_LIBOR
	18,884.23	4.428	4.961	360	200	160	2.258	***	2.000	10.5958	2.2580	8	12	12	N/A	WSJ_1YR_LIBOR
	24,969.28	3.825	4.750	360	193	167	2.250	***	1.000	9.5590	2.2500	1	6	6	0	WSJ_6MO_LIBOR
	2,908.63	4.410	5.047	360	177	183	2.250	***	2.000	9.7890	2.2500	9	12	12	N/A	WSJ_1YR_LIBOR
	24,239.73	4.516	5.125	360	178	182	2.750	***	2.000	9.5390	2.7500	10	12	12	N/A	1YR_CMT
	20,716.49	4.018	4.500	360	179	181	2.000	***	1.000	9.5000	2.0000	5	6	6	N/A	WSJ_6MO_LIBOR
	18,659.35	4.385	4.945	360	194	166	2.750	***	2.000	10.2781	2.7500	8	12	12	N/A	1YR_CMT
	459,736.87	4.404	4.944	360	176	184	2.782	***	2.000	11.0343	2.7820	8	12	12	N/A	1YR_CMT
	56,448.57	3.915	4.815	360	197	163	2.345	***	2.000	11.7366	2.3450	6	12	12	0	WSJ_1YR_LIBOR
	91,234.78	4.402	4.705	360	203	157	2.250	***	2.000	9.9953	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR

	<u>Issue Date</u> <u>Unpaid Principal Balance</u>	<u>Net Mortgage Rate*</u> (%)	<u>Mortgage Rate (%)</u>	<u>Original Term (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Margin (%)</u>	<u>Initial Rate Cap (%)</u>	<u>Periodic Rate Cap (%)</u>	<u>Lifetime Rate Cap (%)</u>	<u>Lifetime Rate Floor† (%)</u>	<u>Months to Rate Change</u>	<u>Rate Reset Frequency (in months)</u>	<u>Payment Reset Frequency (in months)</u>	<u>Remaining Interest Only Period (in months)</u>	<u>Index**</u>
\$	78,872.78	4.224	4.875	360	196	164	2.326	***	2.000	10.4123	2.3260	8	12	12	0	WSJ_1YR_LIBOR
	34,999.86	4.625	5.250	360	179	181	2.375	***	2.000	10.1250	2.3750	11	12	12	N/A	WSJ_1YR_LIBOR
	21,154.77	4.104	4.804	360	179	181	2.250	***	2.000	11.2339	2.2500	5	6	6	0	WSJ_6MO_LIBOR
	793,219.72	3.599	4.198	360	181	179	2.750	***	2.000	10.4347	2.7500	2	12	12	N/A	1YR_CMT
	26,172.21	4.147	4.625	360	185	175	2.750	***	2.000	9.8681	2.7500	5	12	12	N/A	1YR_CMT
	92,897.27	3.269	4.500	360	183	177	2.750	***	2.000	11.5188	2.7500	3	12	12	N/A	1YR_CMT
	89,421.65	3.488	4.213	360	182	178	2.750	***	2.000	9.9783	2.7500	2	12	12	N/A	1YR_CMT
	101,547.21	4.496	5.250	360	192	168	2.750	***	2.000	10.0836	2.7500	12	12	12	N/A	1YR_CMT
	56,534.18	4.558	5.175	360	185	175	2.875	***	2.000	10.6798	2.8750	5	12	12	0	WSJ_1YR_LIBOR
	26,882.94	4.340	4.875	360	186	174	2.250	***	2.000	9.6250	2.2500	6	12	12	N/A	WSJ_1YR_LIBOR
	52,857.31	4.693	5.500	360	183	177	3.000	***	1.000	9.6950	3.0000	3	6	6	N/A	WSJ_6MO_LIBOR
	28,717.56	4.273	4.951	360	187	173	2.250	***	2.000	10.6281	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	19,950.09	4.497	5.082	360	188	172	2.875	***	2.000	10.2823	2.8750	8	12	12	N/A	1YR_CMT
	64,398.27	4.354	5.102	360	190	170	2.750	***	2.000	10.6335	2.7500	10	12	12	N/A	1YR_CMT
	287,917.10	4.494	5.250	360	192	168	2.750	***	2.000	10.6180	2.7500	12	12	12	N/A	1YR_CMT
	25,161.81	3.654	4.194	360	194	166	2.745	***	2.000	9.8760	2.7450	2	12	12	0	1YR_CMT
	28,889.78	4.421	5.019	360	186	174	2.375	***	2.000	9.5753	2.3750	6	12	12	N/A	WSJ_1YR_LIBOR
	353,396.57	4.375	5.250	360	191	169	2.750	***	1.000	11.4923	2.7500	5	6	6	N/A	WSJ_6MO_LIBOR
	49,666.94	4.320	5.000	360	189	171	2.250	***	2.000	10.2500	2.2500	9	12	12	0	WSJ_1YR_LIBOR
	91,721.97	4.320	5.125	360	190	170	2.750	***	2.000	11.0000	2.7500	10	12	12	N/A	1YR_CMT
	23,032.40	4.515	5.125	360	190	170	2.250	***	2.000	11.4829	2.2500	10	12	12	N/A	WSJ_1YR_LIBOR
	24,568.97	4.790	5.375	360	192	168	2.875	***	2.000	9.9508	2.8750	12	12	12	N/A	1YR_CMT
	271,763.20	4.396	5.125	360	192	168	2.250	***	2.000	10.2346	2.2500	12	12	12	N/A	WSJ_1YR_LIBOR
	14,961.55	4.615	5.125	360	190	170	2.250	***	2.000	10.6683	2.2500	10	12	12	0	WSJ_1YR_LIBOR
	24,719.06	3.635	4.125	360	193	167	2.750	***	2.000	11.0674	2.7500	1	12	12	N/A	1YR_CMT
	30,859.80	4.075	4.513	360	195	165	2.750	***	2.000	9.9326	2.7500	3	12	12	N/A	1YR_CMT
	9,413.40	4.567	5.147	360	191	169	2.250	***	2.000	10.1005	2.2500	11	12	12	0	WSJ_1YR_LIBOR
	35,841.39	3.166	4.117	360	194	166	2.250	***	2.000	10.8445	2.2500	2	12	12	0	WSJ_1YR_LIBOR
	114,694.46	3.649	4.250	360	194	166	2.250	***	2.000	11.2964	2.2500	2	12	12	N/A	WSJ_1YR_LIBOR
	6,703.15	3.385	4.125	360	194	166	2.250	***	2.000	11.7857	2.2500	2	12	12	N/A	WSJ_1YR_LIBOR
	47,074.42	3.695	4.250	360	195	165	2.250	***	2.000	10.0000	2.2500	3	12	12	N/A	WSJ_1YR_LIBOR
	212,537.32	4.058	4.800	360	192	168	2.250	***	2.000	11.5843	2.2500	4	6	6	0	WSJ_6MO_LIBOR
	18,644.82	3.705	4.195	360	194	166	2.250	***	2.000	10.4803	2.2500	2	12	12	0	WSJ_1YR_LIBOR
	134,977.56	4.273	4.858	360	184	176	2.750	***	2.000	9.9449	2.7500	7	12	12	N/A	1YR_CMT
	57,550.26	3.398	4.250	360	195	165	2.250	***	2.000	11.3898	2.2500	3	12	12	0	WSJ_1YR_LIBOR
	62,564.98	4.158	4.596	360	197	163	2.750	***	2.000	10.3606	2.7500	5	12	12	N/A	1YR_CMT
	9,877.25	3.399	4.143	360	194	166	2.250	***	2.000	10.7363	2.2500	2	12	12	0	WSJ_1YR_LIBOR
	29,253.37	4.245	5.250	360	194	166	2.750	***	1.000	11.8803	2.7500	2	6	6	N/A	WSJ_6MO_LIBOR
	91,709.28	4.040	4.756	360	194	166	2.250	***	2.000	11.6618	2.2500	3	6	6	0	WSJ_6MO_LIBOR
	65,025.61	4.049	4.500	360	203	157	2.000	***	1.000	10.6978	2.0000	5	6	6	0	WSJ_6MO_LIBOR
	35,351.44	3.910	4.625	360	198	162	2.625	***	2.000	11.8750	2.6250	6	12	12	0	1YR_CMT
	8,607.49	4.050	4.490	360	196	164	2.250	***	2.000	10.1658	2.2500	4	12	12	N/A	WSJ_1YR_LIBOR
	254,708.26	4.450	4.875	360	198	162	2.250	***	2.000	10.5269	2.2500	6	12	12	N/A	WSJ_1YR_LIBOR

	<u>Issue Date</u> <u>Unpaid Principal Balance</u>	<u>Net Mortgage Rate*</u> (%)	<u>Mortgage Rate</u> (%)	<u>Original Term</u> (in months)	<u>Remaining Term to Maturity</u> (in months)	<u>Loan Age</u> (in months)	<u>Margin</u> (%)	<u>Initial Rate Cap</u> (%)	<u>Periodic Rate Cap</u> (%)	<u>Lifetime Rate Cap</u> (%)	<u>Lifetime Rate Floor†</u> (%)	<u>Months to Rate Change</u>	<u>Rate Reset Frequency</u> (in months)	<u>Payment Reset Frequency</u> (in months)	<u>Remaining Interest Only Period</u> (in months)	<u>Index**</u>
\$	169,027.89	4.575	5.000	360	199	161	2.250	***	2.000	10.4629	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR
	42,649.29	3.901	4.721	360	197	163	2.250	***	2.000	11.7273	2.2500	5	12	12	0	WSJ_1YR_LIBOR
	91,454.47	4.348	4.875	360	199	161	2.750	***	2.000	10.3573	2.7500	7	12	12	0	1YR_CMT
	262,238.95	4.469	5.054	360	199	161	2.875	***	2.000	10.6440	2.8750	7	12	12	N/A	1YR_CMT
	187,450.13	4.263	4.875	360	199	161	2.750	***	2.000	10.4497	2.7500	7	12	12	N/A	1YR_CMT
	29,604.23	4.645	5.125	360	200	160	2.250	***	2.000	10.2619	2.2500	8	12	12	0	WSJ_1YR_LIBOR
	87,971.44	4.511	5.125	360	202	158	2.250	***	2.000	10.6990	2.2500	10	12	12	N/A	WSJ_1YR_LIBOR
	77,853.55	4.215	5.250	360	203	157	2.750	***	2.000	10.7500	2.7500	11	12	12	N/A	1YR_CMT
	927,470.47	4.303	5.000	360	200	160	2.750	***	2.000	11.1553	2.7500	8	12	12	0	1YR_CMT
	52,003.08	4.269	4.994	360	201	159	2.250	***	2.000	11.3378	2.2500	9	12	12	0	WSJ_1YR_LIBOR
	74,011.60	4.035	4.750	360	201	159	2.250	***	2.000	11.8431	2.2500	3	6	6	N/A	WSJ_6MO_LIBOR
	76,088.21	3.500	4.125	360	205	155	2.750	***	2.000	11.5000	2.7500	1	12	12	N/A	1YR_CMT
	34,832.06	4.484	4.769	360	196	164	2.750	***	2.000	10.6687	2.7500	6	12	12	0	1YR_CMT
	32,100.26	4.808	5.250	360	204	156	2.750	***	2.000	10.4923	2.7500	12	12	12	N/A	1YR_CMT
	368,033.44	3.767	4.470	360	205	155	2.750	***	2.000	11.0967	2.7500	4	12	12	0	1YR_CMT
	85,149.22	4.133	4.876	360	210	150	2.250	***	2.000	12.1791	2.2500	6	12	12	0	WSJ_1YR_LIBOR
	43,844.77	4.243	4.733	360	198	162	2.750	***	2.000	9.9529	2.7500	6	12	12	0	1YR_CMT
	370,241.36	4.578	5.000	360	211	149	2.250	***	2.000	11.1575	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR
	80,070.55	4.723	5.138	310	113	197	2.750	***	2.000	11.3708	2.7500	43	60	60	N/A	5YR_CMT
	63,574.64	3.797	4.375	360	207	153	2.375	***	2.000	11.9157	2.3750	3	12	12	N/A	WSJ_1YR_LIBOR
	77,758.10	4.323	5.323	360	203	157	2.823	***	2.000	11.6295	2.8230	1	6	6	0	WSJ_6MO_LIBOR
	336,858.30	4.624	5.104	360	227	133	2.250	***	2.000	11.3233	2.2500	11	12	12	0	WSJ_1YR_LIBOR
	73,372.16	3.963	4.655	360	209	151	2.750	***	2.000	11.2756	2.7500	5	12	12	0	1YR_CMT
	93,276.90	4.267	4.965	360	211	149	2.250	***	2.000	12.0808	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	30,744.24	4.010	4.562	360	181	179	2.750	***	2.000	10.4161	2.7500	4	12	12	N/A	1YR_CMT
	82,704.78	3.544	4.387	360	196	164	2.261	***	2.000	11.4394	2.2610	4	12	12	0	WSJ_1YR_LIBOR
	149,793.26	4.459	5.072	360	189	171	2.265	***	2.000	10.2245	2.2650	9	12	12	N/A	WSJ_1YR_LIBOR
	256,069.54	4.293	4.821	360	175	185	2.750	***	2.000	10.5231	2.7500	7	12	12	N/A	1YR_CMT
	10,479.74	3.939	4.493	360	193	167	2.749	***	2.000	9.9788	2.7490	4	12	12	0	1YR_CMT
	32,331.70	3.564	4.244	360	170	190	2.250	***	2.000	11.0585	2.2500	2	12	12	N/A	WSJ_1YR_LIBOR
	13,342.31	3.661	4.308	360	195	165	2.307	***	2.000	10.8658	2.3070	3	12	12	0	WSJ_1YR_LIBOR
	151,135.86	4.260	4.974	360	175	185	2.250	***	2.000	10.8380	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR
	729.95	4.303	4.758	360	174	186	2.746	***	2.000	9.9721	2.7460	6	12	12	N/A	1YR_CMT
	83,723.38	4.451	5.021	360	224	136	2.271	***	2.000	11.4044	2.2710	8	12	12	0	WSJ_1YR_LIBOR
	33,740.10	4.027	4.649	360	192	167	2.794	***	2.000	10.7640	2.7940	5	12	12	N/A	1YR_CMT
	59,975.55	4.071	4.891	360	209	151	2.391	***	2.000	12.8699	2.3910	5	6	6	0	WSJ_6MO_LIBOR
	52,267.58	3.891	4.823	360	211	149	2.293	***	2.000	13.1442	2.2930	2	6	6	0	WSJ_6MO_LIBOR
	30,798.97	4.461	4.822	360	216	144	2.250	***	2.000	11.6055	2.2500	9	12	12	0	WSJ_1YR_LIBOR
	33,865.60	3.643	4.248	360	219	141	2.275	***	2.000	11.1738	2.2750	3	12	12	0	WSJ_1YR_LIBOR
	224,554.40	4.204	4.755	360	221	139	2.485	***	2.000	11.3239	2.4850	5	12	12	0	WSJ_1YR_LIBOR
	70,305.25	5.025	5.275	360	200	160	2.750	***	1.000	11.5442	2.7500	3	6	6	0	WSJ_6MO_LIBOR
	25,783.34	3.891	4.941	360	217	143	2.423	***	2.000	13.4011	2.4230	2	6	6	0	WSJ_6MO_LIBOR
	79,341.68	3.551	4.788	360	221	139	2.288	***	2.000	12.8863	2.2880	5	6	6	0	WSJ_6MO_LIBOR

	Issue Date Unpaid Principal Balance	Net Mortgage Rate* (%)	Mortgage Rate (%)	Original Term (in months)	Remaining Term to Maturity (in months)	Loan Age (in months)	Margin (%)	Initial Rate Cap (%)	Periodic Rate Cap (%)	Lifetime Rate Cap (%)	Lifetime Rate Floor† (%)	Months to Rate Change	Rate Reset Frequency (in months)	Payment Reset Frequency (in months)	Remaining Interest Only Period (in months)	Index**
\$	33,156.75	4.425	4.858	360	222	138	2.250	***	2.000	11.5602	2.2500	6	12	12	0	WSJ_1YR_LIBOR
	301,066.91	4.607	5.125	360	225	135	2.375	***	2.000	11.6357	2.3750	9	12	12	N/A	WSJ_1YR_LIBOR
	80,172.10	4.588	5.000	360	223	137	2.250	***	2.000	11.6692	2.2500	7	12	12	0	WSJ_1YR_LIBOR
	233,658.40	4.555	5.110	360	226	134	2.750	***	2.000	11.3351	2.7500	10	12	12	N/A	1YR_CMT
	87,766.79	4.850	5.125	360	227	133	2.250	***	2.000	11.8750	2.2500	11	12	12	N/A	WSJ_1YR_LIBOR
	70,290.54	3.861	4.884	360	232	128	2.705	***	2.000	10.7275	2.7050	4	12	12	0	WSJ_1YR_LIBOR
	308,527.94	4.267	4.625	360	233	127	2.750	***	2.000	10.1500	2.7500	5	12	12	N/A	1YR_CMT
	27,127.86	4.170	5.250	360	236	124	2.500	***	2.000	11.0000	2.5000	8	12	12	0	WSJ_1YR_LIBOR
	169,409.80	4.603	5.000	360	236	124	2.250	***	2.000	10.1248	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	43,833.12	4.590	5.000	360	236	124	2.250	***	2.000	9.8750	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	77,806.88	4.134	4.655	360	222	138	2.750	***	2.000	11.9326	2.7500	5	12	12	0	1YR_CMT
	38,977.48	3.210	4.000	360	183	177	2.750	***	2.000	10.3750	2.7500	3	36	36	N/A	3YR_CMT
	398,992.30	4.585	5.000	360	247	113	2.250	***	2.000	9.3789	2.2500	7	12	12	N/A	WSJ_1YR_LIBOR
	160,537.39	4.445	5.000	360	248	112	2.250	***	2.000	9.3754	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	72,144.95	4.003	4.953	359	196	164	2.750	***	2.000	9.7900	2.7500	8	12	12	N/A	1YR_CMT
	430,466.75	4.572	5.117	360	252	108	2.250	***	2.000	9.0181	2.2500	12	12	12	N/A	WSJ_1YR_LIBOR
	80,158.92	4.413	4.984	360	190	170	2.317	***	2.000	10.8189	2.3170	8	12	12	N/A	WSJ_1YR_LIBOR
	327,473.77	4.342	4.753	360	258	102	2.250	***	2.000	8.8606	2.2500	6	12	12	N/A	WSJ_1YR_LIBOR
	380,344.38	3.698	4.125	360	266	94	2.250	***	2.000	8.7289	2.2500	2	12	12	N/A	WSJ_1YR_LIBOR
	192,536.80	3.727	4.162	360	266	94	2.250	***	2.000	8.8243	2.2500	2	12	12	N/A	WSJ_1YR_LIBOR
	91,621.73	4.570	5.000	360	272	88	2.250	***	2.000	8.7570	2.2500	8	12	12	N/A	WSJ_1YR_LIBOR
	967,930.81	4.520	5.000	360	273	87	2.250	***	2.000	8.3022	2.2500	9	12	12	N/A	WSJ_1YR_LIBOR
	51,818.25	3.674	4.129	360	278	82	2.250	***	2.000	8.1161	2.2500	2	12	12	N/A	WSJ_1YR_LIBOR
	65,662.35	4.311	4.853	360	211	149	2.250	***	2.000	11.4959	2.2500	6	12	12	0	WSJ_1YR_LIBOR
	77,536.11	4.302	4.880	360	230	130	2.295	***	2.000	10.9549	2.2950	7	12	12	0	WSJ_1YR_LIBOR
	68,152.88	4.146	4.510	360	221	139	2.259	***	2.000	10.7297	2.2590	5	12	12	N/A	WSJ_1YR_LIBOR
	84,649.58	4.560	4.970	360	234	126	2.258	***	2.000	10.7407	2.2580	8	12	12	N/A	WSJ_1YR_LIBOR
	6,012,981.06	4.375	4.922	360	189	171	2.767	***	2.000	9.9973	2.7670	8	12	12	N/A	1YR_CMT
	1,122,520.95	4.265	4.808	360	187	173	2.257	***	2.000	10.1566	2.2570	6	12	12	N/A	WSJ_1YR_LIBOR
	93,935.95	4.264	4.778	360	181	178	2.753	***	2.000	10.0458	2.7530	6	12	12	N/A	1YR_CMT
	1,277,400.15	4.391	4.929	360	192	168	2.270	***	2.000	10.3680	2.2700	8	12	12	N/A	WSJ_1YR_LIBOR
	217,185.39	4.032	4.579	360	231	129	2.300	***	2.000	10.9347	2.3000	5	12	12	0	WSJ_1YR_LIBOR
	941,348.94	4.489	5.019	360	200	160	2.457	***	2.000	10.9007	2.4570	8	12	12	N/A	WSJ_1YR_LIBOR
	199,134.66	3.992	4.638	360	212	148	2.301	***	2.000	11.7428	2.3010	6	12	12	0	WSJ_1YR_LIBOR
	83,059.76	4.405	5.000	360	285	75	2.250	***	2.000	7.7933	2.2500	9	12	12	N/A	WSJ_1YR_LIBOR

* The "Net Mortgage Rate" of a Hybrid ARM Loan is equal to its then current interest rate less the sum of the related servicing fee and our guaranty fee (expressed in each case as an annual percentage).

* * For a description of these Indices, see "The Mortgage Loans-Adjustable-Rate Mortgage Loans (ARM Loans)-*ARM Indices*" in the MBS Prospectus.

* * * We have assumed that all applicable initial fixed-rate periods have expired and that all initial rate adjustments have occurred.

† We have assumed that the lifetime rate floor for each Hybrid ARM Loan will never decline below the applicable ARM Margin for that loan.

**Expected ARM MBS Pools in Group 6
(As of November 1, 2018)**

The pool numbers of the Group 6 MBS expected to be included in the Lower Tier REMIC are listed below:

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
124858	\$ 8,408.36
255883	62,046.77
255885	74,947.86
544757	34,117.92
555715	2,360.71
581614	71,755.70
675633	39,366.88
684259	42,901.82
688021	12,047.47
688679	23,355.75
689224	21,181.82
692296	63,917.95
701043	48,595.45
705712	59,368.62
709262	26,224.20
712305	299,717.50
721673	30,918.54
722701	55,340.46
723653	79,458.59
725212	34,337.15
725295	55,614.48
725557	26,066.49
725805	45,471.02
728826	32,783.63
729115	24,392.62
732003	28,032.73
733148	29,788.61
735524	25,042.28
735956	18,884.23
735995	24,969.28
739372	2,908.63
743420	24,239.73
744805	20,716.49
745011	18,659.35
745050	459,736.87
745059	56,448.57
745467	91,234.78
745623	78,872.78
751934	34,999.86
758614	21,154.77
763344	793,219.72
764457	26,172.21
768186	92,897.27

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
768435	\$ 89,421.65
773203	101,547.21
773856	56,534.18
775808	26,882.94
778103	52,857.31
779346	28,717.56
781182	19,950.09
781431	64,398.27
781568	287,917.10
783579	25,161.81
784074	28,889.78
788988	353,396.57
792987	49,666.94
794316	91,721.97
794502	23,032.40
796413	24,568.97
800389	271,763.20
802650	14,961.55
804803	24,719.06
806559	30,859.80
806721	9,413.40
809324	35,841.39
809342	114,694.46
809530	6,703.15
810327	47,074.42
810896	212,537.32
813174	18,644.82
813570	134,977.56
814417	57,550.26
815611	62,564.98
815807	9,877.25
816308	29,253.37
816594	91,709.28
817589	65,025.61
819088	35,351.44
819423	8,607.49
823612	254,708.26
823618	169,027.89
825251	42,649.29
825395	91,454.47
828201	262,238.95
829594	187,450.13
833766	29,604.23
836215	87,971.44
836346	77,853.55
837328	927,470.47
841775	52,003.08
843024	74,011.60
849045	76,088.21

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
851428	\$ 34,832.06
863577	32,100.26
863741	368,033.44
872505	85,149.22
877000	43,844.77
878358	370,241.36
878420	80,070.55
878533	63,574.64
879219	77,758.10
879693	336,858.30
884120	73,372.16
886984	93,276.90
888386	30,744.24
888490	82,704.78
888498	149,793.26
888499	256,069.54
888507	10,479.74
888515	32,331.70
888518	13,342.31
888520	151,135.86
888527	729.95
888612	83,723.38
889879	33,740.10
891326	59,975.55
896286	52,267.58
905597	30,798.97
908405	33,865.60
915089	224,554.40
920843	70,305.25
920961	25,783.34
936591	79,341.68
938306	33,156.75
939534	301,066.91
942176	80,172.10
953548	233,658.40
953667	87,766.79
962887	70,290.54
962942	308,527.94
964911	27,127.86
983349	169,409.80
986821	43,833.12
995135	77,806.88
AA6709	38,977.48
AA8545	398,992.30
AC0897	160,537.39
AC3038	72,144.95
AC6945	430,466.75
AD0415	80,158.92
AE0770	327,473.77

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
AH3202	\$ 380,344.38
AH4822	192,536.80
AH5268	91,621.73
AI9200	967,930.81
AJ8560	51,818.25
AL1502	65,662.35
AL1631	77,536.11
AL2082	68,152.88
AL3553	84,649.58
AL7090	6,012,981.06
AL7182	1,122,520.95
AL7183	93,935.95
AL8474	1,277,400.15
AL8799	217,185.39
AL8982	941,348.94
AL9361	199,134.66
AP2838	83,059.76

REMIC Certificates		Available Recombinations(1)						
		RCR Certificates						
<u>Classes</u>	<u>Original Balances</u>	<u>RCR Classes</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>
Recombination 1								
JA	\$ 54,358,000	JG	\$ 54,358,000	PAC/AD	3.00%	FIX	3136B3TQ3	May 2047
		JI	12,079,555 (3)	NTL	4.50	FIX/IO	3136B3TU4	May 2047
Recombination 2								
JA	54,358,000	JE	54,358,000	PAC/AD	3.25	FIX	3136B3TR1	May 2047
		JI	9,059,666 (3)	NTL	4.50	FIX/IO	3136B3TU4	May 2047
Recombination 3								
JA	54,358,000	JC	54,358,000	PAC/AD	3.50	FIX	3136B3TS9	May 2047
		JI	6,039,777 (3)	NTL	4.50	FIX/IO	3136B3TU4	May 2047
Recombination 4								
JA	54,358,000	JB	54,358,000	PAC/AD	3.75	FIX	3136B3TT7	May 2047
		JI	3,019,888 (3)	NTL	4.50	FIX/IO	3136B3TU4	May 2047
Recombination 5								
C	5,565,561	CA	5,565,561	SUP	2.50	FIX	3136B3TX8	December 2048
		CI	1,011,920 (3)	NTL	5.50	FIX/IO	3136B3UD0	December 2048
Recombination 6								
C	5,565,561	CB	5,565,561	SUP	3.00	FIX	3136B3TY6	December 2048
		CI	505,960 (3)	NTL	5.50	FIX/IO	3136B3UD0	December 2048
Recombination 7								
C	5,565,561	CD	3,710,374	SUP	4.00	FIX	3136B3TZ3	December 2048
		CA	1,855,187	SUP	2.50	FIX	3136B3TX8	December 2048
Recombination 8								
C	5,565,561	CE	2,782,780	SUP	4.50	FIX	3136B3UA6	December 2048
		CA	2,782,781	SUP	2.50	FIX	3136B3TX8	December 2048
Recombination 9								
C	5,565,561	CG	2,226,224	SUP	5.00	FIX	3136B3UB4	December 2048
		CA	3,339,337	SUP	2.50	FIX	3136B3TX8	December 2048
Recombination 10								
C	5,565,561	CH	1,855,187	SUP	5.50	FIX	3136B3UC2	December 2048
		CA	3,710,374	SUP	2.50	FIX	3136B3TX8	December 2048

REMIC Certificates		RCR Certificates						
<u>Classes</u>	<u>Original Balances</u>	<u>RCR Classes</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>
Recombination 11								
LD	\$ 7,736,254	DL	\$ 12,557,063	PAC	3.50%	FIX	3136B3TV2	December 2048
DM	4,820,809							
Recombination 12								
DA	28,053,456	D	32,874,265	PAC	3.50	FIX	3136B3TW0	August 2046
DM	4,820,809							

- (1) REMIC Certificates and RCR Certificates in each Recombination may be exchanged only in the proportions of *original* principal or notional principal balances for the related Classes shown in this Schedule 1 (disregarding any retired Classes). For example, if a particular Recombination includes two REMIC Classes and one RCR Class whose *original* principal balances shown in the schedule reflect a 1:1:2 relationship, the same 1:1:2 relationship among the *original* principal balances of those REMIC and RCR Classes must be maintained in any exchange. This is true even if, as a result of the applicable payment priority sequence, the relationship between their *current* principal balances has changed over time. Moreover, if as a result of a proposed exchange, a Certificateholder would hold a REMIC Certificate or RCR Certificate of a Class in an amount less than the applicable minimum denomination for that Class, the Certificateholder will be unable to effect the proposed exchange. See "Description of the Certificates-General- *Authorized Denominations*" in this prospectus supplement.
- (2) See "Description of the Certificates-Class Definitions and Abbreviations" in the REMIC Prospectus.
- (3) Notional principal balances. These Classes are Interest Only Classes. See page S-7 for a description of how their notional principal balances are calculated.

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	\$ 77,233,000.00	October 2023	\$ 43,808,588.44	September 2028	\$ 20,084,260.53
December 2018	76,843,321.23	November 2023	43,292,944.38	October 2028	19,808,056.50
January 2019	76,436,081.14	December 2023	42,780,191.90	November 2028	19,535,301.86
February 2019	76,011,457.69	January 2024	42,270,310.67	December 2028	19,265,955.53
March 2019	75,569,639.49	February 2024	41,763,280.42	January 2029	18,999,976.92
April 2019	75,110,825.68	March 2024	41,259,081.04	February 2029	18,737,325.87
May 2019	74,635,225.72	April 2024	40,757,692.52	March 2029	18,477,962.74
June 2019	74,143,059.28	May 2024	40,259,094.96	April 2029	18,221,848.30
July 2019	73,634,556.00	June 2024	39,763,268.61	May 2029	17,968,943.81
August 2019	73,109,955.34	July 2024	39,270,193.79	June 2029	17,719,210.97
September 2019	72,569,506.37	August 2024	38,779,850.97	July 2029	17,472,611.91
October 2019	72,013,467.54	September 2024	38,292,220.73	August 2029	17,229,109.22
November 2019	71,442,106.49	October 2024	37,807,283.75	September 2029	16,988,665.92
December 2019	70,855,699.76	November 2024	37,325,020.83	October 2029	16,751,245.46
January 2020	70,254,532.63	December 2024	36,845,412.88	November 2029	16,516,811.70
February 2020	69,638,898.81	January 2025	36,368,440.94	December 2029	16,285,328.94
March 2020	69,009,100.17	February 2025	35,894,086.13	January 2030	16,056,761.89
April 2020	68,365,446.54	March 2025	35,422,937.03	February 2030	15,831,075.66
May 2020	67,708,255.38	April 2025	34,957,543.37	March 2030	15,608,235.78
June 2020	67,054,930.44	May 2025	34,497,837.42	April 2030	15,388,208.18
July 2020	66,405,445.56	June 2025	34,043,752.21	May 2030	15,170,959.17
August 2020	65,759,774.72	July 2025	33,595,221.57	June 2030	14,956,455.46
September 2020	65,117,892.07	August 2025	33,152,180.06	July 2030	14,744,664.17
October 2020	64,479,771.92	September 2025	32,714,563.04	August 2030	14,535,552.77
November 2020	63,845,388.71	October 2025	32,282,306.56	September 2030	14,329,089.12
December 2020	63,214,717.04	November 2025	31,855,347.46	October 2030	14,125,241.47
January 2021	62,587,731.69	December 2025	31,433,623.26	November 2030	13,923,978.42
February 2021	61,964,407.56	January 2026	31,017,072.25	December 2030	13,725,268.95
March 2021	61,344,719.70	February 2026	30,605,633.39	January 2031	13,529,082.38
April 2021	60,728,643.34	March 2026	30,199,246.37	February 2031	13,335,388.41
May 2021	60,116,153.82	April 2026	29,797,851.56	March 2031	13,144,157.09
June 2021	59,507,226.66	May 2026	29,401,390.03	April 2031	12,955,358.81
July 2021	58,901,837.51	June 2026	29,009,803.53	May 2031	12,768,964.31
August 2021	58,299,962.16	July 2026	28,623,034.47	June 2031	12,584,944.67
September 2021	57,701,576.55	August 2026	28,241,025.95	July 2031	12,403,271.32
October 2021	57,106,656.78	September 2026	27,863,721.69	August 2031	12,223,916.00
November 2021	56,515,179.06	October 2026	27,491,066.10	September 2031	12,046,850.80
December 2021	55,927,119.78	November 2026	27,123,004.20	October 2031	11,872,048.13
January 2022	55,342,455.44	December 2026	26,759,481.67	November 2031	11,699,480.71
February 2022	54,761,162.69	January 2027	26,400,444.80	December 2031	11,529,121.61
March 2022	54,183,218.33	February 2027	26,045,840.51	January 2032	11,360,944.17
April 2022	53,608,599.28	March 2027	25,695,616.34	February 2032	11,194,922.08
May 2022	53,037,282.61	April 2027	25,349,720.41	March 2032	11,031,029.32
June 2022	52,469,245.52	May 2027	25,008,101.47	April 2032	10,869,240.18
July 2022	51,904,465.36	June 2027	24,670,708.85	May 2032	10,709,529.24
August 2022	51,342,919.59	July 2027	24,337,492.46	June 2032	10,551,871.40
September 2022	50,784,585.81	August 2027	24,008,402.81	July 2032	10,396,241.82
October 2022	50,229,441.78	September 2027	23,683,390.96	August 2032	10,242,615.99
November 2022	49,677,465.37	October 2027	23,362,408.54	September 2032	10,090,969.65
December 2022	49,128,634.57	November 2027	23,045,407.76	October 2032	9,941,278.86
January 2023	48,582,927.52	December 2027	22,732,341.36	November 2032	9,793,519.92
February 2023	48,040,322.48	January 2028	22,423,162.64	December 2032	9,647,669.43
March 2023	47,500,797.85	February 2028	22,117,825.44	January 2033	9,503,704.28
April 2023	46,964,332.15	March 2028	21,816,284.12	February 2033	9,361,601.60
May 2023	46,430,904.02	April 2028	21,518,493.59	March 2033	9,221,338.81
June 2023	45,900,492.24	May 2028	21,224,409.27	April 2033	9,082,893.58
July 2023	45,373,075.70	June 2028	20,933,987.10	May 2033	8,946,243.85
August 2023	44,848,633.44	July 2028	20,647,183.54	June 2033	8,811,367.82
September 2023	44,327,144.60	August 2028	20,363,955.53	July 2033	8,678,243.93

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>
August 2033	\$ 8,546,850.90	May 2038	\$ 3,333,954.01	February 2043	\$ 973,939.56
September 2033	8,417,167.68	June 2038	3,273,827.09	March 2043	947,754.55
October 2033	8,289,173.48	July 2038	3,214,532.72	April 2043	921,969.69
November 2033	8,162,847.73	August 2038	3,156,060.47	May 2043	896,579.77
December 2033	8,038,170.13	September 2038	3,098,400.03	June 2043	871,579.61
January 2034	7,915,120.60	October 2038	3,041,541.22	July 2043	846,964.12
February 2034	7,793,679.31	November 2038	2,985,473.97	August 2043	822,728.25
March 2034	7,673,826.65	December 2038	2,930,188.36	September 2043	798,867.05
April 2034	7,555,543.25	January 2039	2,875,674.55	October 2043	775,375.58
May 2034	7,438,809.96	February 2039	2,821,922.84	November 2043	752,248.99
June 2034	7,323,607.86	March 2039	2,768,923.64	December 2043	729,482.49
July 2034	7,209,918.25	April 2039	2,716,667.49	January 2044	707,071.34
August 2034	7,097,722.66	May 2039	2,665,145.01	February 2044	685,010.85
September 2034	6,987,002.82	June 2039	2,614,346.96	March 2044	663,296.42
October 2034	6,877,740.69	July 2039	2,564,264.20	April 2044	641,923.47
November 2034	6,769,918.43	August 2039	2,514,887.71	May 2044	620,887.48
December 2034	6,663,518.43	September 2039	2,466,208.56	June 2044	600,184.02
January 2035	6,558,523.25	October 2039	2,418,217.93	July 2044	579,808.67
February 2035	6,454,915.71	November 2039	2,370,907.13	August 2044	559,757.10
March 2035	6,352,678.78	December 2039	2,324,267.55	September 2044	540,025.00
April 2035	6,251,795.66	January 2040	2,278,290.68	October 2044	520,608.15
May 2035	6,152,249.74	February 2040	2,232,968.13	November 2044	501,502.34
June 2035	6,054,024.61	March 2040	2,188,291.60	December 2044	482,703.45
July 2035	5,957,104.04	April 2040	2,144,252.90	January 2045	464,207.39
August 2035	5,861,472.02	May 2040	2,100,843.92	February 2045	446,010.12
September 2035	5,767,112.71	June 2040	2,058,056.66	March 2045	428,107.65
October 2035	5,674,010.44	July 2040	2,015,883.21	April 2045	410,496.06
November 2035	5,582,149.76	August 2040	1,974,315.78	May 2045	393,171.46
December 2035	5,491,515.38	September 2040	1,933,346.62	June 2045	376,129.99
January 2036	5,402,092.19	October 2040	1,892,968.14	July 2045	359,367.88
February 2036	5,313,865.28	November 2040	1,853,172.78	August 2045	342,881.37
March 2036	5,226,819.89	December 2040	1,813,953.11	September 2045	326,666.77
April 2036	5,140,941.46	January 2041	1,775,301.78	October 2045	310,720.41
May 2036	5,056,215.57	February 2041	1,737,211.52	November 2045	295,038.70
June 2036	4,972,628.00	March 2041	1,699,675.16	December 2045	279,618.06
July 2036	4,890,164.69	April 2041	1,662,685.61	January 2046	264,454.98
August 2036	4,808,811.74	May 2041	1,626,235.86	February 2046	249,545.98
September 2036	4,728,555.41	June 2041	1,590,318.99	March 2046	234,887.63
October 2036	4,649,382.15	July 2041	1,554,928.18	April 2046	220,476.53
November 2036	4,571,278.54	August 2041	1,520,056.66	May 2046	206,309.34
December 2036	4,494,231.33	September 2041	1,485,697.77	June 2046	192,382.75
January 2037	4,418,227.43	October 2041	1,451,844.90	July 2046	178,693.48
February 2037	4,343,253.91	November 2041	1,418,491.56	August 2046	165,238.33
March 2037	4,269,297.98	December 2041	1,385,631.31	September 2046	152,014.09
April 2037	4,196,347.01	January 2042	1,353,257.79	October 2046	139,017.63
May 2037	4,124,388.52	February 2042	1,321,364.73	November 2046	126,245.83
June 2037	4,053,410.17	March 2042	1,289,945.92	December 2046	113,695.64
July 2037	3,983,399.79	April 2042	1,258,995.24	January 2047	101,364.01
August 2037	3,914,345.32	May 2042	1,228,506.64	February 2047	89,247.95
September 2037	3,846,234.87	June 2042	1,198,474.13	March 2047	77,344.52
October 2037	3,779,056.68	July 2042	1,168,891.81	April 2047	65,650.78
November 2037	3,712,799.13	August 2042	1,139,753.84	May 2047	54,163.87
December 2037	3,647,450.75	September 2042	1,111,054.47	June 2047	42,880.93
January 2038	3,583,000.19	October 2042	1,082,787.99	July 2047	31,799.15
February 2038	3,519,436.25	November 2042	1,054,948.78	August 2047	20,915.76
March 2038	3,456,747.84	December 2042	1,027,531.29	September 2047	10,228.02
April 2038	3,394,924.03	January 2043	1,000,530.03	October 2047 and thereafter	0.00

Aggregate Group II Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$ 40,610,519.00	December 2023	\$ 20,130,445.57	January 2029	\$ 7,327,736.37
December 2018	40,495,199.27	January 2024	19,828,348.54	February 2029	7,202,422.70
January 2019	40,364,674.41	February 2024	19,529,561.84	March 2029	7,079,136.08
February 2019	40,219,013.00	March 2024	19,234,050.32	April 2029	6,957,844.70
March 2019	40,058,298.82	April 2024	18,941,779.17	May 2029	6,838,517.26
April 2019	39,882,630.82	May 2024	18,652,713.96	June 2029	6,721,122.95
May 2019	39,692,123.07	June 2024	18,366,820.63	July 2029	6,605,631.41
June 2019	39,486,904.65	July 2024	18,084,065.45	August 2029	6,492,012.78
July 2019	39,267,119.56	August 2024	17,804,415.06	September 2029	6,380,237.63
August 2019	39,032,926.57	September 2024	17,527,836.45	October 2029	6,270,277.01
September 2019	38,784,499.05	October 2024	17,254,296.96	November 2029	6,162,102.39
October 2019	38,522,024.79	November 2024	16,983,764.26	December 2029	6,055,685.69
November 2019	38,245,705.79	December 2024	16,716,206.35	January 2030	5,950,999.28
December 2019	37,955,758.02	January 2025	16,451,591.60	February 2030	5,848,015.93
January 2020	37,652,411.14	February 2025	16,189,888.67	March 2030	5,746,708.85
February 2020	37,335,908.24	March 2025	15,931,066.58	April 2030	5,647,051.65
March 2020	37,006,505.53	April 2025	15,675,094.67	May 2030	5,549,018.35
April 2020	36,664,471.97	May 2025	15,421,942.57	June 2030	5,452,583.39
May 2020	36,310,088.96	June 2025	15,171,580.28	July 2030	5,357,721.56
June 2020	35,943,649.93	July 2025	14,923,978.07	August 2030	5,264,408.10
July 2020	35,565,459.96	August 2025	14,679,106.54	September 2030	5,172,618.57
August 2020	35,175,835.38	September 2025	14,436,936.59	October 2030	5,082,328.95
September 2020	34,775,103.26	October 2025	14,197,795.71	November 2030	4,993,515.59
October 2020	34,363,601.05	November 2025	13,962,456.44	December 2030	4,906,155.17
November 2020	33,944,265.14	December 2025	13,730,859.77	January 2031	4,820,224.77
December 2020	33,517,371.54	January 2026	13,502,947.59	February 2031	4,735,701.81
January 2021	33,083,203.94	February 2026	13,278,662.67	March 2031	4,652,564.05
February 2021	32,646,011.13	March 2026	13,057,486.67	April 2031	4,570,789.60
March 2021	32,210,365.63	April 2026	12,840,750.09	May 2031	4,490,356.92
April 2021	31,776,647.16	May 2026	12,627,012.31	June 2031	4,411,244.78
May 2021	31,347,633.52	June 2026	12,416,681.53	July 2031	4,333,432.31
June 2021	30,923,274.96	July 2026	12,209,704.76	August 2031	4,256,898.93
July 2021	30,503,522.25	August 2026	12,006,029.84	September 2031	4,181,624.40
August 2021	30,088,326.70	September 2026	11,805,605.41	October 2031	4,107,588.78
September 2021	29,677,640.11	October 2026	11,608,380.89	November 2031	4,034,772.46
October 2021	29,271,414.76	November 2026	11,414,306.48	December 2031	3,963,156.11
November 2021	28,869,603.47	December 2026	11,223,333.14	January 2032	3,892,720.71
December 2021	28,472,159.53	January 2027	11,035,412.57	February 2032	3,823,447.53
January 2022	28,079,036.73	February 2027	10,850,497.24	March 2032	3,755,318.14
February 2022	27,690,189.32	March 2027	10,668,540.32	April 2032	3,688,314.39
March 2022	27,305,572.06	April 2027	10,489,495.71	May 2032	3,622,418.41
April 2022	26,925,140.15	May 2027	10,313,318.01	June 2032	3,557,612.60
May 2022	26,548,849.28	June 2027	10,139,962.54	July 2032	3,493,879.66
June 2022	26,176,655.61	July 2027	9,969,385.28	August 2032	3,431,202.53
July 2022	25,808,515.73	August 2027	9,801,542.89	September 2032	3,369,564.42
August 2022	25,444,386.70	September 2027	9,636,392.70	October 2032	3,308,948.81
September 2022	25,084,226.04	October 2027	9,473,892.70	November 2032	3,249,339.44
October 2022	24,727,991.69	November 2027	9,314,001.51	December 2032	3,190,720.28
November 2022	24,375,642.05	December 2027	9,156,678.40	January 2033	3,133,075.57
December 2022	24,027,135.94	January 2028	9,001,883.25	February 2033	3,076,389.79
January 2023	23,682,432.62	February 2028	8,849,576.59	March 2033	3,020,647.66
February 2023	23,341,491.77	March 2028	8,699,719.50	April 2033	2,965,834.14
March 2023	23,004,273.50	April 2028	8,552,273.71	May 2033	2,911,934.42
April 2023	22,670,738.34	May 2028	8,407,201.52	June 2033	2,858,933.91
May 2023	22,340,847.21	June 2028	8,264,465.80	July 2033	2,806,818.27
June 2023	22,014,561.46	July 2028	8,124,030.00	August 2033	2,755,573.37
July 2023	21,691,842.83	August 2028	7,985,858.13	September 2033	2,705,185.30
August 2023	21,372,653.48	September 2028	7,849,914.75	October 2033	2,655,640.37
September 2023	21,056,955.95	October 2028	7,716,164.98	November 2033	2,606,925.10
October 2023	20,744,713.18	November 2028	7,584,574.45	December 2033	2,559,026.22
November 2023	20,435,888.48	December 2028	7,455,109.35	January 2034	2,511,930.67

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>
February 2034	\$ 2,465,625.59	January 2039	\$ 764,451.95	December 2043	\$ 174,837.62
March 2034	2,420,098.32	February 2039	748,172.75	January 2044	169,511.96
April 2034	2,375,336.41	March 2039	732,184.45	February 2044	164,292.53
May 2034	2,331,327.58	April 2039	716,482.25	March 2044	159,177.48
June 2034	2,288,059.76	May 2039	701,061.39	April 2044	154,165.01
July 2034	2,245,521.06	June 2039	685,917.23	May 2044	149,253.31
August 2034	2,203,699.79	July 2039	671,045.18	June 2044	144,440.63
September 2034	2,162,584.42	August 2039	656,440.72	July 2044	139,725.25
October 2034	2,122,163.62	September 2039	642,099.40	August 2044	135,105.45
November 2034	2,082,426.22	October 2039	628,016.86	September 2044	130,579.56
December 2034	2,043,361.24	November 2039	614,188.79	October 2044	126,145.93
January 2035	2,004,957.86	December 2039	600,610.97	November 2044	121,802.95
February 2035	1,967,205.43	January 2040	587,279.22	December 2044	117,549.02
March 2035	1,930,093.49	February 2040	574,189.44	January 2045	113,382.58
April 2035	1,893,611.70	March 2040	561,337.61	February 2045	109,302.07
May 2035	1,857,749.92	April 2040	548,719.74	March 2045	105,305.99
June 2035	1,822,498.14	May 2040	536,331.94	April 2045	101,392.84
July 2035	1,787,846.54	June 2040	524,170.35	May 2045	97,561.16
August 2035	1,753,785.42	July 2040	512,231.21	June 2045	93,809.50
September 2035	1,720,305.25	August 2040	500,510.77	July 2045	90,136.44
October 2035	1,687,396.66	September 2040	489,005.39	August 2045	86,540.59
November 2035	1,655,050.39	October 2040	477,711.46	September 2045	83,020.58
December 2035	1,623,257.36	November 2040	466,625.42	October 2045	79,575.06
January 2036	1,592,008.62	December 2040	455,743.79	November 2045	76,202.69
February 2036	1,561,295.36	January 2041	445,063.14	December 2045	72,902.17
March 2036	1,531,108.90	February 2041	434,580.09	January 2046	69,672.22
April 2036	1,501,440.72	March 2041	424,291.31	February 2046	66,511.57
May 2036	1,472,282.42	April 2041	414,193.53	March 2046	63,418.99
June 2036	1,443,625.71	May 2041	404,283.54	April 2046	60,393.25
July 2036	1,415,462.47	June 2041	394,558.15	May 2046	57,433.15
August 2036	1,387,784.69	July 2041	385,014.27	June 2046	54,537.50
September 2036	1,360,584.47	August 2041	375,648.82	July 2046	51,705.16
October 2036	1,333,854.05	September 2041	366,458.78	August 2046	48,934.96
November 2036	1,307,585.80	October 2041	357,441.18	September 2046	46,225.80
December 2036	1,281,772.20	November 2041	348,593.12	October 2046	43,576.57
January 2037	1,256,405.85	December 2041	339,911.70	November 2046	40,986.17
February 2037	1,231,479.45	January 2042	331,394.10	December 2046	38,453.55
March 2037	1,206,985.85	February 2042	323,037.55	January 2047	35,977.65
April 2037	1,182,917.99	March 2042	314,839.30	February 2047	33,557.44
May 2037	1,159,268.91	April 2042	306,796.67	March 2047	31,191.90
June 2037	1,136,031.79	May 2042	298,906.99	April 2047	28,880.04
July 2037	1,113,199.89	June 2042	291,167.67	May 2047	26,620.86
August 2037	1,090,766.60	July 2042	283,576.13	June 2047	24,413.42
September 2037	1,068,725.39	August 2042	276,129.87	July 2047	22,256.75
October 2037	1,047,069.85	September 2042	268,826.39	August 2047	20,149.93
November 2037	1,025,793.66	October 2042	261,663.24	September 2047	18,092.03
December 2037	1,004,890.62	November 2042	254,638.04	October 2047	16,082.16
January 2038	984,354.61	December 2042	247,748.41	November 2047	14,119.42
February 2038	964,179.61	January 2043	240,992.03	December 2047	12,202.95
March 2038	944,359.68	February 2043	234,366.61	January 2048	10,331.89
April 2038	924,889.02	March 2043	227,869.90	February 2048	8,505.39
May 2038	905,761.86	April 2043	221,499.68	March 2048	6,722.63
June 2038	886,972.58	May 2043	215,253.78	April 2048	4,982.78
July 2038	868,515.60	June 2043	209,130.05	May 2048	3,573.82
August 2038	850,385.47	July 2043	203,126.39	June 2048	2,199.03
September 2038	832,576.79	August 2043	197,240.72	July 2048	1,195.27
October 2038	815,084.27	September 2043	191,471.00	August 2048	604.87
November 2038	797,902.70	October 2043	185,815.22	September 2048	245.73
December 2038	781,026.94	November 2043	180,271.41	October 2048 and thereafter	0.00

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

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

TABLE OF CONTENTS

	Page
Table of Contents	S-2
Available Information	S-3
Summary	S-4
Additional Risk Factors	S-9
Description of the Certificates	S-9
Certain Additional Federal Income Tax Consequences	S-30
Additional ERISA Considerations	S-32
Plan of Distribution	S-32
European Economic Area Risk Retention	S-32
Legal Matters	S-34
Exhibit A-1	A-1
Exhibit A-2	A-4
Schedule 1	A-12
Principal Balance Schedules	B-1

\$534,599,986



Fannie Mae®

**Guaranteed REMIC
Pass-Through Certificates**

Fannie Mae REMIC Trust 2018-86

PROSPECTUS SUPPLEMENT

MORGAN STANLEY

November 26, 2018
