

\$1,097,328,670



FannieMae®

Guaranteed Pass-Through Certificates Fannie Mae Trust 2017-54

The Certificates

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

Payments to Certificateholders

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

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

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

The Fannie Mae Guaranty

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

The Trust and its Assets

The trust will own eight groups of Fannie Mae MBS.

The mortgage loans underlying the Group 1 MBS, Group 2 MBS, Group 3 MBS, Group 4 MBS, Group 5 MBS, Group 6 MBS and Group 7 MBS are first-lien, single-family, fixed-rate loans.

The mortgage loans underlying the Group 8 MBS are first-lien, single-family, adjustable-rate loans.

The mortgage loans underlying the Group 7 MBS have loan-to-value ratios in excess of 125%.

Tax Treatment

- Group 1, Group 2, Group 3, Group 4, Group 5, Group 6 and Group 8 will together be treated as a REMIC for tax purposes.
- Group 7 will be treated as a grantor trust for tax purposes.

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
AK(2) ...	1	\$ 72,372,341	PT	3.0%	FIX	3136AXCL7	July 2032
IG	2	53,639,381(3)	NTL	4.0	FIX/IO	3136AXCM5	July 2047
UP(2)	2	146,353,000	PAC/AD	3.0	FIX	3136AXCN3	August 2044
UM(2) ...	2	11,194,000	PAC/AD	3.0	FIX	3136AXCP8	July 2045
HL(2)	2	26,000,000	PAC/AD	3.0	FIX	3136AXCQ6	July 2047
AZ(2)	2	23,010,526	TAC/AD	3.0	FIX/Z	3136AXCR4	July 2047
ZW	2	8,000,000	SUP/AD	3.0	FIX/Z	3136AXCS2	July 2047
FA(2)	3	62,242,208	PT	(4)	FLT	3136AXCT0	July 2047
SA	3	62,242,208(3)	NTL	(4)	INV/IO	3136AXCU7	July 2047
AP(2)	3	110,189,143	PAC/AD	3.0	FIX	3136AXCV5	February 2045
LP(2)	3	22,354,697	PAC/AD	3.0	FIX	3136AXCW3	July 2047
BZ(2)	3	23,061,683	SUP	3.0	FIX/Z	3136AXCX1	July 2047
FN(2)	4	75,289,129	PT	(4)	FLT	3136AXCY9	July 2047
SN	4	75,289,129(3)	NTL	(4)	INV/IO	3136AXCZ6	July 2047
QA(2) ...	4	135,652,000	PAC/AD	3.0	FIX	3136AXDA0	May 2045
QM(2) ...	4	9,449,000	PAC/AD	3.0	FIX	3136AXDB8	March 2046
JL(2)	4	15,475,000	PAC/AD	3.0	FIX	3136AXDC6	July 2047
DZ(2)	4	23,278,114	TAC/AD	3.0	FIX/Z	3136AXDD4	July 2047
ZY	4	4,368,711	SUP/AD	3.0	FIX/Z	3136AXDE2	July 2047

(Table continued on next page)

If you own certificates of certain classes, you can exchange them for certificates of the corresponding RCR classes to be delivered at the time of exchange. The A, IO, AC, AD, AE, AH, QP, IU, TP, HP, BP, IP, CP, DP, EP, GP, LH, QB, QI, QC, MB, MI, MC, CZ, FT, Q, QG, IQ, QH, P, PM, PL, OE, IM, OD, OC, OB, OA and OY 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.

Because the mortgage loans underlying the Group 7 MBS have loan-to-value ratios in excess of 125%, the Group 7 Classes are not eligible assets for a REMIC. See "Certain Additional Federal Income Tax Consequences" in this prospectus supplement and "Material Federal Income Tax Consequences—Special Tax Attributes" in the MBS Prospectus.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be June 30, 2017.

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

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

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

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

J.P. Morgan

June 26, 2017

Class	Group	Original Class Balance	Principal Type(1)	Interest Rate	Interest Type(1)	CUSIP Number	Final Distribution Date
NF(2)	5	\$ 28,731,470	PT	(4)	FLT	3136AXD F 9	July 2047
NS	5	28,731,470(3)	NTL	(4)	INV/IO	3136AXD G 7	July 2047
MA(2) . . .	5	51,818,355	PAC/AD	3.0%	FIX	3136AXD H 5	May 2045
MQ(2) . . .	5	3,914,645	PAC/AD	3.0	FIX	3136AXD J 1	May 2046
LN(2)	5	5,446,000	PAC/AD	3.0	FIX	3136AXD K 8	July 2047
ZN(2)	5	10,649,677	SUP	3.0	FIX/Z	3136AXD L 6	July 2047
LA(2)	6	25,332,000	SEQ	3.0	FIX	3136AXD M 4	August 2042
ML(2) . . .	6	3,346,000	SEQ	3.0	FIX	3136AXD N 2	March 2044
VO(2) . . .	6	1,895,000	SEQ/AD	3.0	FIX	3136AXD P 7	November 2028
OV(2) . . .	6	1,956,894	SEQ/AD	3.0	FIX	3136AXD Q 5	July 2037
OZ(2) . . .	6	4,709,125	SEQ	3.0	FIX/Z	3136AXD R 3	July 2047
OI	6	9,309,754(3)	NTL	4.0	FIX/IO	3136AXD S 1	July 2047
D	7	23,334,093	PT	3.0	FIX	3136AXD T 9	July 2047
ID	7	5,833,523(3)	NTL	4.0	FIX/IO	3136AXD U 6	July 2047
FB	8	100,000,000	PT	(5)	FLT/AFC	3136AXD V 4	July 2047
BF	8	67,905,859	PT	(6)	FLT/AFC	3136AXD W 2	July 2047
IB	8	167,905,859(3)	NTL	(7)	WAC/IO	3136AXD X 0	July 2047
R	1-6, 8	0	NPR	0	NPR	3136AXD Y 8	July 2047
(1) See "Description of the Certificates— Class Definitions and Abbreviations" in the REMIC prospectus.					(5) Based on LIBOR and subject to the limitations described on page S-14.		
(2) Exchangeable classes.					(6) Based on LIBOR and subject to the limitations described on page S-15.		
(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.					(7) The interest rate of the IB Class is calculated as described on page S-15.		
(4) Based on LIBOR.							

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AVAILABLE INFORMATION

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

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

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

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

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

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

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

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

J.P. Morgan Securities 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 June 1, 2017. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on page S-3. In particular, please see the discussion of risk factors that appears in each of those additional disclosure documents.

Assets Underlying Each Group of Classes

<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
8	Group 8 MBS

Group 1, Group 2, Group 3, Group 4, Group 5, Group 6 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	\$ 72,372,341	3.00%	3.25% to 5.50%	121 to 180
Group 2 MBS	\$186,556,662	4.00%	4.25% to 6.50%	241 to 360
	\$ 24,424,555	4.00%	4.25% to 6.50%	241 to 360
	\$ 3,576,309	4.00%	4.25% to 6.50%	241 to 360
Group 3 MBS	\$161,620,327	4.00%	4.25% to 6.50%	200 to 360
	\$ 17,442,766	4.00%	4.25% to 6.50%	200 to 360
	\$ 38,784,638	4.00%	4.25% to 6.50%	200 to 360
Group 4 MBS	\$104,851,404	4.00%	4.25% to 6.50%	241 to 360
	\$ 14,863,367	4.00%	4.25% to 6.50%	241 to 360
	\$ 2,425,134	4.00%	4.25% to 6.50%	241 to 360
	\$ 2,097,182	4.00%	4.25% to 6.50%	241 to 360
	\$ 1,490,637	4.00%	4.25% to 6.50%	241 to 360
	\$ 1,898,180	4.00%	4.25% to 6.50%	241 to 360
	\$ 43,316,408	4.00%	4.25% to 6.50%	241 to 360
Group 5 MBS	\$ 92,569,642	4.00%	4.25% to 6.50%	241 to 360
	\$ 31,038,979	4.00%	4.25% to 6.50%	241 to 360
	\$ 25,447,187	4.00%	4.25% to 6.50%	241 to 360
	\$ 1,887,378	4.00%	4.25% to 6.50%	241 to 360
	\$ 8,053,740	4.00%	4.25% to 6.50%	241 to 360
	\$ 2,142,538	4.00%	4.25% to 6.50%	241 to 360
	\$ 8,319,059	4.00%	4.25% to 6.50%	241 to 360
	\$ 15,023,530	4.00%	4.25% to 6.50%	241 to 360
	\$ 2,088,794	4.00%	4.25% to 6.50%	241 to 360
	\$ 6,558,942	4.00%	4.25% to 6.50%	241 to 360
Group 6 MBS	\$ 37,239,019	4.00%	4.25% to 6.50%	241 to 360
Group 7 MBS	\$ 23,334,093	4.00%	4.25% to 6.50%	241 to 360

Assumed Characteristics of the Underlying Mortgage Loans

	<u>Principal Balance</u>	<u>Original Term to Maturity (in months)</u>	<u>Remaining Term to Maturity (in months)</u>	<u>Loan Age (in months)</u>	<u>Interest Rate</u>
Group 1 MBS	\$ 72,372,341	180	160	18	3.746%
Group 2 MBS	\$186,556,662	360	359	1	4.379%
	\$ 24,424,555	360	350	7	4.507%
	\$ 3,576,309	360	354	6	4.480%
Group 3 MBS	\$161,620,327	360	356	3	4.489%
	\$ 17,442,766	360	340	16	4.508%
	\$ 38,784,638	360	320	30	4.474%
Group 4 MBS	\$104,851,404	360	358	1	4.450%
	\$ 14,863,367	360	359	1	4.318%
	\$ 2,425,134	360	359	1	4.421%
	\$ 2,097,182	360	358	2	4.476%
	\$ 1,490,637	360	358	2	4.422%
	\$ 1,898,180	360	358	2	4.484%
	\$ 43,316,408	360	341	17	4.406%
	\$ 92,569,642	360	335	21	4.404%
Group 5 MBS	\$ 31,038,979	360	343	12	4.434%
	\$ 25,447,187	360	346	11	4.444%
	\$ 1,887,378	360	344	10	4.656%
	\$ 8,053,740	360	348	11	4.461%
	\$ 2,142,538	360	349	9	4.426%
	\$ 8,319,059	360	351	9	4.548%
	\$ 15,023,530	360	351	8	4.403%
	\$ 2,088,794	360	351	9	4.328%
	\$ 6,558,942	360	353	7	4.559%
Group 6 MBS	\$ 37,239,019	360	353	1	4.678%
Group 7 MBS	\$ 23,334,093	360	352	4	4.622%

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.

Each of the mortgage loans underlying the Group 7 MBS has a loan-to-value ratio greater than 125%.

Group 8

The first table in Exhibit A of this prospectus supplement lists certain assumed characteristics of the mortgage loans underlying the adjustable-rate MBS in Group 8. The assumed characteristics appearing in Exhibit A 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, and may differ significantly.

The second table in Exhibit A of this prospectus supplement lists the pool numbers of the adjustable-rate MBS in Group 8 that are expected to be included in the Trust.

Settlement Date

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

Distribution Dates

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

Record Date

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

Book-Entry and Physical Certificates

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

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

Exchanging Certificates Through Combination and Recombination

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

We will apply principal and interest payments from exchanged trust 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 FB and BF 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 FB and BF classes) will bear interest based on the formulas indicated below, but always subject to the specified maximum and minimum interest rates:

<u>Class</u>	<u>Initial Interest Rate</u>	<u>Maximum Interest Rate</u>	<u>Minimum Interest Rate</u>	<u>Formula for Calculation of Interest Rate(1)</u>
FA	1.48933%	6.50%	0.35%	LIBOR + 35 basis points
SA	5.01067%	6.15%	0.00%	6.15% – LIBOR
FN	1.48933%	6.50%	0.35%	LIBOR + 35 basis points
SN	5.01067%	6.15%	0.00%	6.15% – LIBOR
NF	1.48933%	6.50%	0.35%	LIBOR + 35 basis points
NS	5.01067%	6.15%	0.00%	6.15% – LIBOR
FT	1.48933%	6.50%	0.35%	LIBOR + 35 basis points

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

During each interest accrual period, the FB, BF and IB Classes will bear interest at the applicable annual rates described under “Description of the Certificates—Distributions of Interest—*The FB Class*,” “*–The BF Class*” and “*–The IB 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

IG	24.999999767% of the Group 2 MBS
SA	100% of the FA Class
SN	100% of the FN Class
NS	100% of the NF Class
OI	24.999997986% of the Group 6 MBS
ID	24.9999989286% of the D Class
IB	100% of the <i>sum</i> of the BF and FB Classes
IO	33.3333324122% of the AK Class
IU	12.5% of the UP Class
IP	24.999993194% of the AP Class
QI	12.5% of the QA Class
MI	12.499992763% of the MA Class
IQ	12.499998% of the <i>sum</i> of the QA and MA Classes
IM	25% of the <i>sum</i> of the LA and ML Classes

Distributions of Principal

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

Weighted Average Lives (years)*

<u>Group 1 Classes</u>	<u>PSA Prepayment Assumption</u>						
	<u>0%</u>	<u>100%</u>	<u>189%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>600%</u>
AK, A, AC, AD, AE, AH and IO	8.5	5.6	4.6	3.6	3.0	2.5	2.1

<u>Group 2 Classes</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
IG	19.6	10.8	9.7	8.5	7.8	6.8	6.4	5.5	3.7	2.8
UP, QP, TP and IU	13.5	5.8	5.2	5.2	5.2	5.2	5.0	4.3	3.0	2.4
UM	22.9	12.6	12.3	12.3	12.3	12.3	11.5	9.7	6.2	4.6
HL	24.4	17.9	17.9	17.9	17.9	17.9	17.0	14.6	9.3	6.7
AZ	27.1	18.2	15.5	9.3	5.0	2.2	1.9	1.9	1.3	1.0
ZW	29.4	26.3	24.9	22.4	19.8	4.8	3.7	1.6	0.6	0.4
HP	14.2	6.3	5.7	5.7	5.7	5.7	5.4	4.7	3.3	2.6

<u>Group 3 Classes</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
FA and SA	19.6	10.4	9.3	8.2	7.5	6.4	6.1	5.2	3.4	2.5
AP, BP, CP, DP, EP, GP and IP	13.8	5.7	5.1	5.1	5.1	5.1	4.9	4.3	2.9	2.2
LP	24.0	16.4	16.3	16.3	16.3	16.3	15.9	13.5	8.5	6.1
BZ	27.7	20.7	18.9	14.6	10.4	3.3	2.1	1.5	0.8	0.5

<u>Group 4 Classes</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
FN and SN	19.6	10.3	9.2	8.1	7.4	6.3	6.0	5.1	3.3	2.4
QA, QB, QC and QI	14.0	5.8	5.2	5.2	5.2	5.2	4.9	4.2	2.8	2.1
QM	23.5	13.5	13.5	13.5	13.5	13.5	12.7	10.7	6.6	4.7
JL	24.7	19.1	19.1	19.1	19.1	19.1	18.2	15.6	9.9	6.9
DZ	27.3	18.6	16.1	10.5	11.3	2.8	2.2	1.5	0.8	0.5
ZY	29.7	26.7	25.7	23.6	1.6	0.6	0.5	0.3	0.2	0.1

<u>Group 5 Classes</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
NF and NS	19.6	10.3	9.2	8.0	7.3	6.2	5.9	5.0	3.2	2.3
MA, MB, MC and MI	14.0	5.7	5.1	5.1	5.1	5.1	4.9	4.2	2.7	2.0
MQ	23.5	13.7	13.7	13.7	13.7	13.7	12.8	10.7	6.6	4.7
LN	24.7	19.4	19.4	19.4	19.4	19.4	18.5	15.8	9.9	6.9
ZN	27.7	20.3	18.5	14.0	9.6	2.3	1.9	1.3	0.7	0.5

Group 6 Classes	PSA Prepayment Assumption						
	0%	100%	193%	300%	400%	500%	700%
LA	15.8	6.4	4.2	3.2	2.6	2.3	1.9
ML	25.9	15.2	9.9	7.0	5.6	4.6	3.5
VO	6.0	6.0	6.0	5.4	4.7	4.2	3.4
OV	15.8	15.3	11.7	8.7	6.9	5.8	4.4
OZ	28.4	22.5	17.6	13.3	10.6	8.8	6.4
OI	19.6	10.8	7.5	5.5	4.4	3.7	2.9
OE, OD, OC, OB, OA and IM	17.0	7.4	4.9	3.6	3.0	2.6	2.1
OY	28.4	22.1	16.4	12.0	9.4	7.7	5.6

<u>Group 7 Classes</u>	<u>PSA Prepayment Assumption</u>							
	<u>0%</u>	<u>100%</u>	<u>159%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>600%</u>
D and ID	19.6	10.6	8.3	7.2	5.3	4.2	3.5	3.0

<u>Group 8 Classes</u>	<u>CPR Prepayment Assumption</u>							
	<u>0%</u>	<u>5%</u>	<u>10%</u>	<u>15%</u>	<u>20%</u>	<u>25%</u>	<u>50%</u>	<u>75%</u>
FB, BF and IB	9.4	7.1	5.5	4.3	3.5	2.9	1.4	0.7

<u>Group 2/Group 3 Class†</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
LH	24.3	17.2	17.2	17.2	17.2	17.2	16.5	14.1	8.9	6.4

<u>Group 2/Group 3/Group 4/Group 5 Class†</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
CZ	27.4	19.3	17.1	11.8	9.0	2.7	2.1	1.6	0.9	0.7

<u>Group 3/Group 4/Group 5 Class†</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
FT	19.6	10.3	9.3	8.1	7.4	6.4	6.0	5.1	3.3	2.4

<u>Group 4/Group 5 Classes[†]</u>	<u>PSA Prepayment Assumption</u>									
	<u>0%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Q, QG, IQ and QH	14.0	5.7	5.1	5.1	5.1	5.1	4.9	4.2	2.8	2.1
P	14.6	6.3	5.7	5.7	5.7	5.7	5.4	4.6	3.0	2.3
PM	23.5	13.6	13.6	13.6	13.6	13.6	12.8	10.7	6.6	4.7
PL	24.7	19.2	19.2	19.2	19.2	19.2	18.3	15.7	9.9	6.9

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

[†] These classes are RCR classes formed by combinations of trust certificates in two or more different groups. For additional information, see Schedule 1 attached to this prospectus supplement.

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 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 June 1, 2017 (the “Issue Date”). We will issue the Guaranteed Pass-Through Certificates (the “Trust Certificates”) pursuant to that trust agreement and supplement. We will issue the Combinable and Recombinable Trust Certificates (the “RCR Certificates” and, together with the Trust 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 Trust 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 Trust Certificates and RCR Certificates.

The assets of the Trust will include:

- seven 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 4 MBS,” “Group 5 MBS,” “Group 6 MBS” and “Group 7 MBS,” and together, the “Fixed Rate MBS”), and
- one group of Fannie Mae Guaranteed Mortgage Pass-Through Certificates having variable pass-through rates (the “Group 8 MBS” or 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 portion of the Trust other than the Group 7 MBS will constitute a “real estate mortgage investment conduit” (“REMIC”) under the Internal Revenue Code of 1986, as amended (the “Code”). The portion of the Trust that consists of the Group 7 MBS will be treated as a grantor trust for tax purposes (the “Grantor Trust”).

The following chart contains information about the assets, the “regular interests” and the “residual interest” of the REMIC. The Trust Certificates, other than the Group 7 Classes and the R Class, are collectively referred to as the “Regular Classes” or “Regular Certificates,” and the R Class is referred to as the “Residual Class” or “Residual Certificate.”

	Assets	Regular Interests	Residual Interest
REMIC	MBS (other than the Group 7 MBS)	All Classes of Trust Certificates other than the Group 7 Classes and the R Class	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 Certificate in fully registered, certificated form. The “Holder” or “Certificateholder” of the Residual Certificate is its registered owner. The Residual Certificate can be transferred at the corporate trust office of the Transfer Agent, or at the office of the Transfer Agent in New York, New York. U.S. Bank National Association in Boston, Massachusetts will be the initial Transfer Agent. We may impose a service charge for any registration of transfer of the Residual Certificate and may require payment to cover any tax or other governmental charge. See also “—Characteristics of the Residual Class” below.

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

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

Trust Agreement Amendments. The Trust Agreement provides that any amendment to the Trust Agreement that requires the consent of holders of the Group 7 Classes will require the consent of all holders of the Group 7 Classes. For a description of the required level of Certificateholder consent for amendments to the Trust Agreement affecting Classes other than the Group 7 Classes, see “The Trust Documents—Amendment” in the REMIC Prospectus.

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 15 years in the case of the Group 1 MBS; and up to 30 years in the case of the Group 2 MBS, Group 3 MBS, Group 4 MBS, Group 5 MBS, Group 6 MBS and Group 7 MBS.

In addition, the Mortgage Loans backing the Group 1 MBS and Group 6 MBS have been refinanced under Fannie Mae Refi Plus and are designated as “high loan-to-value ratio” loans, with loan-to-value ratios ranging from greater than 105% up to 125% at the time of refinance. These loans are targeted at borrowers who have demonstrated an acceptable payment history on their mortgage loans but may have been unable to refinance due to a decline in home prices or the unavailability of mortgage insurance. Fannie Mae Refi Plus refinancing is available only if the new mortgage loan either reduces the monthly principal and interest payment for the borrower or provides a more stable loan product (such as movement from an adjustable-rate loan to a fixed rate loan). For more information on the Home Affordable Refinance Program, see “The Mortgage Loans—High Loan-to-Value Mortgage Loans” in the MBS Prospectus dated June 1, 2016 and on our Web site at www.fanniemae.com. See also “Risk Factors—Risks Relating to Yield and Prepayment—*Mortgage loans with loan-to-value ratios greater than 80% may have different prepayment and default characteristics than conforming mortgage loans generally*” in the MBS Prospectus dated June 1, 2016.

Furthermore, each Mortgage Loan underlying the Group 7 MBS is a very high LTV loan with a loan-to-value ratio greater than 125%. Borrowers may be eligible to refinance very high LTV loans if we purchased those loans on or before May 31, 2009. For a description of very high LTV loans, see “The Mortgage Loans—High Loan-to-Value Mortgage Loans” and “Risk Factors—Risks Relating to Yield and Prepayment—*Mortgage loans with loan-to-value ratios greater than 125%*”

may have different prepayment and default characteristics than conforming mortgage loans generally” in the MBS Prospectus dated June 1, 2016.

For additional information, see “Summary—Group 1, Group 2, Group 3, Group 4, Group 5, Group 6 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 Hybrid ARM Loans at the Issue Date.

General

The Mortgage Loans underlying the ARM MBS in Group 8 (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 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. The Hybrid ARM Loans are conventional, adjustable-rate mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. 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 on Exhibit A to this prospectus supplement for the pool numbers of the ARM MBS that are expected to be included in the Trust.

Characteristics of the Hybrid ARM Loans

Applicable Indices

After the initial fixed-rate period, the interest rate (the “ARM Rate”) for the Hybrid ARM Loans will adjust

- in the case of approximately 61% 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; or
- in the case of approximately 39% 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 descriptions of these indices. If any of these indices 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 5% of the Hybrid ARM Loans represented accrued interest only for periods that may 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 June 1, 2016.

Initial Fixed-Rate Periods

For the following approximate percentages of the Hybrid ARM Loans, 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>1 year</u>	<u>3 years</u>	<u>5 years</u>	<u>7 years</u>	<u>10 years</u>
1%	36%	47%	15%	1%

ARM Rate Changes

After the initial fixed-rate period, the ARM Rate of each Hybrid ARM Loan is set 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 applicable initial fixed-rate period, the ARM Rate for each Hybrid ARM Loan generally may not deviate by more than 2 or 5 percentage points, as applicable, from the related Initial Fixed Rate.

Subsequent ARM Rate Change Caps

On each annual ARM Rate adjustment date thereafter, the ARM Rate for each Hybrid ARM Loan in generally may not deviate by more than 2 percentage points 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, when adjusted on its annual adjustment date, may not be greater than the maximum ARM Rate (lifetime rate cap) or less than its minimum ARM Rate (lifetime rate 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 generally subject to change 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.

Prepayment Premium Periods

Approximately 1% of the Hybrid ARM Loans 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 2% of the Hybrid ARM Loans 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 Classes) on a Distribution Date will consist of one month's interest on the outstanding balance of that Certificate immediately prior to that Distribution Date. For a description of the Accrual Classes, see “—Accrual Classes” below.

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

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 FB, BF and IB Classes	Floating Rate and Inverse Floating Rate Classes other than the FB and BF Classes

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

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

The FB Class.

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

- LIBOR + 30 basis points (but in no event less than 0.30%)
- or
- the Weighted Average Group 8 MBS Pass-Through Rate.

The “Weighted Average Group 8 MBS Pass-Through Rate” for any Distribution Date is equal to the weighted average of the pass-through rates of the Group 8 MBS in effect for calculating distributions on that Distribution Date, weighted on the basis of the principal balances of the Group 8 MBS after giving effect to distributions of principal made on the immediately preceding Distribution Date.

During the initial interest accrual period, the FB Class will bear interest at an annual rate of 1.43933%. Our determination of the interest rate for the FB 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 BF Class.

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

- LIBOR + 30 basis points (but in no event less than 0.30%)

or

- the Weighted Average Group 8 MBS Pass-Through Rate (as described above).

During the initial interest accrual period, the BF Class will bear interest at an annual rate of 1.43933%. Our determination of the interest rate for the BF 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 IB Class.

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

- a fraction, expressed as a percentage, the numerator of which is the *excess*, if any, of
 - the aggregate amount of interest then paid on the Group 8 MBS

over

- the aggregate amount of interest payable on the FB and BF Classes on that Distribution Date,

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

multiplied by

- 12.

During the initial interest accrual period, the IB Class is expected to bear interest at an annual rate of approximately 1.757%. Our determination of the interest rate for the IB 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 Trust Certificates as described below. Following any exchange of Trust Certificates for RCR Certificates, we will apply principal payments from the exchanged Trust Certificates to the corresponding RCR Certificates on a pro rata basis.

- *Group 1*

The Group 1 Principal Distribution Amount to AK until retired.

} Pass-Through
Class

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

- *Group 2*

The AZ Accrual Amount and the ZW Accrual Amount in the following priority:

1. To Aggregate Group I to its Planned Balance.

} PAC Group

2. To AZ to its Targeted Balance.

} TAC Class

} Accretion
Directed
Group and
Class

- | | | |
|-------------------------|-----------------|---|
| 3. To ZW until retired. | } Support Class | } Accretion
Directed/
Accrual Class |
| 4. Thereafter to AZ. | | } Accrual Class |

The Group 2 Cash Flow Distribution Amount in the following priority:

- | | |
|---|-----------------|
| 1. To Aggregate Group I to its Planned Balance. | } PAC Group |
| 2. To AZ to its Targeted Balance. | } TAC Class |
| 3. To ZW until retired. | } Support Class |
| 4. To AZ until retired. | } TAC Class |
| 5. To Aggregate Group I to zero. | } PAC Group |

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

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

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

“Aggregate Group I” consists of the UP, UM and HL Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I to UP, UM and HL, 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 3*

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

The Group 3 Cash Flow Distribution Amount as follows:

- | | |
|--|-------------------------|
| — 28.571428178% to FA until retired, and | } Pass-Through
Class |
| — 71.428571822% as follows: | |
| <i>first</i> , to Aggregate Group II to its Planned Balance; | } PAC Group |
| <i>second</i> , to BZ until retired; and | } Support Class |
| <i>third</i> , to Aggregate Group II to zero. | } PAC Group |

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

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

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

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

- *Group 4*

The DZ Accrual Amount and the ZY Accrual Amount in the following priority:

- | | | |
|---|-----------------|---|
| 1. To Aggregate Group III to its Planned Balance. | } PAC Group | } Accretion
Directed
Group and
Class |
| 2. To DZ to its Targeted Balance. | } TAC Class | |
| 3. To ZY until retired. | } Support Class | } Accretion
Directed/
Accrual Class |
| 4. Thereafter to DZ. | | |
| | | } Accrual Class |

The Group 4 Cash Flow Distribution Amount as follows:

- | | |
|---|-------------------------|
| — 28.5714283004% to FN until retired, and | } Pass-Through
Class |
| — 71.4285716996% as follows: | |
| <i>first</i> , to Aggregate Group III to its Planned Balance; | } PAC Group |
| <i>second</i> , DZ to its Targeted Balance; | } TAC Class |
| <i>third</i> , to ZY until retired; | } Support Class |
| <i>fourth</i> , to DZ until retired; and | } TAC Class |
| <i>fifth</i> , to Aggregate Group III to zero. | } PAC Group |

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

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

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

“Aggregate Group III” consists of the QA, QM and JL Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group III to QA, QM and JL, in that order, until retired.

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

- *Group 5*

The ZN Accrual Amount to Aggregate Group IV to its Planned Balance, and thereafter to ZN.	} Accretion Directed/ PAC Group and Accrual Class
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The Group 5 Cash Flow Distribution Amount as follows:

- | | |
|--|-------------------------|
| — 28.5714280032% to NF until retired, and | } Pass-Through
Class |
| — 71.4285719968% as follows: | |
| <i>first</i> , to Aggregate Group IV to its Planned Balance; | } PAC Group |
| <i>second</i> , to ZN until retired; and | } Support Class |
| <i>third</i> , to Aggregate Group IV to zero. | } PAC Group |

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

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

“Aggregate Group IV” consists of the MA, MQ and LN Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV to MA, MQ and LN, in that order, until retired.

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

- *Group 6*

The OZ Accrual Amount to VO and OV, in that order, until retired, and thereafter to OZ. } **Accretion
Directed
Classes and
Accrual Class**

The Group 6 Cash Flow Distribution Amount to LA, ML, VO, OV and OZ, in that order, until retired. } **Sequential
Pay Classes**

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

The “Group 6 Cash Flow Distribution Amount” is the principal then paid on the Group 6 MBS.

- *Group 7*

The Group 7 Principal Distribution Amount to D until retired. } **Pass-Through
Class**

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

- *Group 8*

The Group 8 Principal Distribution Amount to FB and BF, pro rata, until retired. } **Pass-Through
Classes**

The “Group 8 Principal Distribution Amount” is the principal then paid on the Group 8 MBS.

Structuring Assumptions

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

- the Mortgage Loans underlying the 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 4, Group 5, Group 6 and Group 7—Assumed Characteristics of the Underlying Mortgage Loans” in this prospectus supplement;
- the Hybrid ARM Loans have the characteristics set forth on Exhibit A to this prospectus supplement;
- with respect to the Hybrid ARM Loans, the Six-Month WSJ LIBOR Index, One-Year WSJ LIBOR Index and One-Year Treasury Index values are and remain 1.423%, 1.736% and 1.195%, 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 June 30, 2017; and

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

The actual remaining terms to maturity, loan ages and interest rates of most of the mortgage loans underlying the 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 4, Group 5, Group 6 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 8 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” or at the applicable “Structuring Speeds” specified in the chart below. The “Effective Range” for an Aggregate Group is the range of prepayment rates (measured by *constant* PSA rates) that would reduce that Aggregate Group to its scheduled balance each month based on the Pricing Assumptions. We have not provided separate schedules for the individual Classes included in the Aggregate Groups. However, those Classes are designed to receive principal distributions in the same fashion as if separate schedules had been provided (with schedules based on the same underlying assumptions that apply to the related Aggregate Group schedule). If such separate schedules had been provided for the individual Classes included in the Aggregate Groups, we expect that the effective ranges for those Classes would not be narrower than those shown below for the related Aggregate Groups.

<u>Groups and Classes</u>	<u>Structuring Ranges and Speeds</u>	<u>Initial Effective Ranges</u>
Aggregate Group I Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
AZ Class Targeted Balances	243% PSA	N/A
Aggregate Group II Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
Aggregate Group III Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA
DZ Class Targeted Balances	158% PSA	N/A
Aggregate Group IV Planned Balances	Between 125% and 225% PSA	Between 125% and 225% PSA

The Aggregate Groups listed above consist of the following Classes:

Aggregate Group I	UP, UM and HL
Aggregate Group II	AP and LP
Aggregate Group III	QA, QM and JL
Aggregate Group IV	MA, MQ and LN

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

We cannot assure you that the balance of any Aggregate Group or Class will conform on any Distribution Date to the balance specified in the Principal Balance

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

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

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

Yield Tables and Additional Yield Considerations

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

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

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

We cannot assure you that

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

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

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

The 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 tables below, it is possible that investors in the Inverse Floating Rate Classes would lose money on their initial investments under certain Index and prepayment scenarios.

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

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

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

<u>Class</u>	<u>Price*</u>
SA	23.93750%
SN	23.00000%
NS	23.12500%

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

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

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

<u>LIBOR</u>	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
0.56967%	19.0%	16.2%	14.8%	12.9%	11.6%	9.0%	8.0%	4.6%	(7.6)%	(20.6)%
1.13933%	16.4%	13.5%	12.1%	10.2%	8.9%	6.3%	5.3%	1.9%	(10.4)%	(23.5)%
3.13933%	6.7%	3.9%	2.4%	0.5%	(0.8)%	(3.4)%	(4.5)%	(8.0)%	(20.5)%	(33.9)%
5.13933%	(5.3)%	(8.1)%	(9.5)%	(11.4)%	(12.7)%	(15.4)%	(16.4)%	(19.8)%	(32.4)%	(46.1)%
6.15000%	*	*	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption									
	50%	100%	125%	158%	180%	225%	243%	300%	500%	700%
0.56967%	20.0%	17.1%	15.6%	13.7%	12.4%	9.7%	8.6%	5.1%	(7.6)%	(21.0)%
1.13933%	17.2%	14.3%	12.8%	10.9%	9.6%	6.9%	5.8%	2.3%	(10.4)%	(23.8)%
3.13933%	7.2%	4.3%	2.9%	0.9%	(0.4)%	(3.1)%	(4.2)%	(7.7)%	(20.5)%	(34.2)%
5.13933%	(5.0)%	(7.9)%	(9.3)%	(11.3)%	(12.6)%	(15.2)%	(16.3)%	(19.8)%	(32.5)%	(46.3)%
6.15000%	*	*	*	*	*	*	*	*	*	*

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

LIBOR	PSA Prepayment Assumption									
	50%	100%	125%	158%	180%	225%	243%	300%	500%	700%
0.56967%	19.8%	16.8%	15.3%	13.3%	12.0%	9.2%	8.1%	4.5%	(8.6)%	(22.7)%
1.13933%	17.0%	14.1%	12.6%	10.6%	9.2%	6.5%	5.3%	1.8%	(11.4)%	(25.4)%
3.13933%	7.1%	4.2%	2.7%	0.7%	(0.6)%	(3.4)%	(4.5)%	(8.1)%	(21.2)%	(35.4)%
5.13933%	(5.1)%	(8.0)%	(9.5)%	(11.4)%	(12.7)%	(15.4)%	(16.5)%	(20.0)%	(32.9)%	(47.1)%
6.15000%	*	*	*	*	*	*	*	*	*	*

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

Class	% PSA
IG	283%
OI	230%
ID	205%
IO	231%
IU	255%
IP	259%
QI	246%
MI	246%
IQ	246%
IM	192%

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

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

<u>Class</u>	<u>Price*</u>
IG	22.65625000%
OI	26.58203125%
ID	28.00000000%
IO	12.25000000%
IU	19.00000000%
IP	18.62500000%
QI	19.29687500%
MI	19.06250000%
IQ	19.23437500%
IM	19.40625000%

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

Sensitivity of the IG Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity ...	12.7%	10.0%	8.7%	6.9%	5.7%	3.2%	2.2%	(1.0)%	(12.5)%	(24.5)%

Sensitivity of the OI Class to Prepayments

	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>193%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity ...	9.7%	7.1%	2.0%	(3.9)%	(9.6)%	(15.5)%	(27.6)%

Sensitivity of the ID Class to Prepayments

	<u>PSA Prepayment Assumption</u>							
	<u>50%</u>	<u>100%</u>	<u>159%</u>	<u>200%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>600%</u>
Pre-Tax Yields to Maturity ...	8.7%	5.9%	2.6%	0.3%	(5.6)%	(11.6)%	(17.7)%	(24.1)%

Sensitivity of the IO Class to Prepayments

	<u>PSA Prepayment Assumption</u>						
	<u>50%</u>	<u>100%</u>	<u>189%</u>	<u>300%</u>	<u>400%</u>	<u>500%</u>	<u>600%</u>
Pre-Tax Yields to Maturity ...	11.3%	8.3%	2.7%	(4.5)%	(11.2)%	(18.2)%	(25.4)%

Sensitivity of the IU Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity ...	11.1%	5.0%	2.1%	2.1%	2.1%	2.1%	0.9%	(3.8)%	(21.7)%	(38.4)%

Sensitivity of the IP Class to Prepayments

	<u>PSA Prepayment Assumption</u>									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity ...	11.5%	5.3%	2.4%	2.4%	2.4%	2.4%	1.3%	(3.6)%	(23.3)%	(43.0)%

Sensitivity of the QI Class to Prepayments

	PSA Prepayment Assumption									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity . . .	10.7%	4.4%	1.5%	1.5%	1.5%	1.5%	0.2%	(4.9)%	(25.6)%	(46.6)%

Sensitivity of the MI Class to Prepayments

	PSA Prepayment Assumption									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity . . .	10.9%	4.5%	1.6%	1.6%	1.6%	1.6%	0.2%	(5.1)%	(27.0)%	(49.8)%

Sensitivity of the IQ Class to Prepayments

	PSA Prepayment Assumption									
	<u>50%</u>	<u>100%</u>	<u>125%</u>	<u>158%</u>	<u>180%</u>	<u>225%</u>	<u>243%</u>	<u>300%</u>	<u>500%</u>	<u>700%</u>
Pre-Tax Yields to Maturity . . .	10.7%	4.4%	1.5%	1.5%	1.5%	1.5%	0.2%	(5.0)%	(26.0)%	(47.5)%

Sensitivity of the IM Class to Prepayments

		PSA Prepayment Assumption						
		50%	100%	193%	300%	400%	500%	700%
Pre-Tax Yields to Maturity . . .		13.8%	9.4%	(0.1)%	(11.8)%	(22.4)%	(32.5)%	(50.3)%

The IB Class. The yield to investors in the IB Class will be very sensitive to the rate of principal payments (including prepayments) of the Hybrid ARM Loans and to the level of LIBOR. The yield will also be sensitive to the weighted average interest rate of the 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 IB Class would lose money on their initial investments.

Weighted Average Lives of the Certificates

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

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

- the timing of changes in the rate of principal distributions, and
- the priority sequences of distributions of principal of the Group 2, Group 3, Group 4, Group 5 and Group 6 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 Group 1, Group 2, Group 3, Group 4, Group 5, Group 6 and Group 7 Class under 0% PSA, however, we assumed that the Mortgage Loans have the original and remaining terms to maturity and bear interest at the annual rates specified in the table below.

Mortgage Loans Backing Trust Assets Specified Below	Original and Remaining Terms to Maturity	Interest Rates
Group 1 MBS	180 months	5.50%
Group 2 MBS	360 months	6.50%
Group 3 MBS	360 months	6.50%
Group 4 MBS	360 months	6.50%
Group 5 MBS	360 months	6.50%
Group 6 MBS	360 months	6.50%
Group 7 MBS	360 months	6.50%

It is unlikely that all of the Mortgage Loans will have the loan ages, interest rates or remaining terms to maturity assumed, or that the Mortgage Loans will prepay at any *constant* PSA 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	AK, A, AC, AD, AE, AH and IO† Classes						
	PSA Prepayment Assumption						
	0%	100%	189%	300%	400%	500%	600%
Initial Percent	100	100	100	100	100	100	100
June 2018	96	89	85	80	76	71	66
June 2019	91	79	71	62	54	46	40
June 2020	86	69	58	47	38	30	24
June 2021	81	59	47	35	26	19	14
June 2022	75	51	38	26	18	12	8
June 2023	69	43	30	19	12	8	5
June 2024	63	35	24	14	8	5	3
June 2025	57	28	18	10	5	3	1
June 2026	50	22	13	7	3	2	1
June 2027	43	16	9	4	2	1	*
June 2028	35	11	6	2	1	*	*
June 2029	27	6	3	1	*	*	*
June 2030	19	1	1	*	*	*	*
June 2031	10	0	0	0	0	0	0
June 2032	0	0	0	0	0	0	0
Weighted Average Life (years)**	8.5	5.6	4.6	3.6	3.0	2.5	2.1

Date	IG† Class										UP, QP, TP and IU† Classes									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	99	97	96	96	95	95	94	93	90	87	98	95	94	94	94	94	94	94	94	94
June 2019	98	91	90	88	87	85	84	81	71	61	95	86	84	84	84	84	84	84	84	78
June 2020	96	84	82	78	76	72	70	65	49	35	93	75	71	71	71	71	71	70	46	26
June 2021	95	78	74	70	67	61	59	52	34	20	90	64	59	59	59	59	59	51	24	4
June 2022	94	71	67	62	58	52	49	42	23	11	87	55	48	48	48	48	47	36	8	0
June 2023	92	66	61	55	51	44	41	34	16	6	84	45	38	38	38	38	35	24	0	0
June 2024	90	60	55	48	44	37	34	27	11	4	81	37	29	29	29	29	25	14	0	0
June 2025	89	55	49	42	38	31	28	22	7	2	78	28	20	20	20	20	16	6	0	0
June 2026	87	50	44	37	33	26	24	17	5	1	74	21	13	13	13	13	9	0	0	0
June 2027	85	46	40	33	29	22	20	14	3	1	70	13	7	7	7	7	3	0	0	0
June 2028	83	42	36	29	25	18	16	11	2	*	66	6	1	1	1	1	0	0	0	0
June 2029	80	38	32	25	21	15	13	9	2	*	62	0	0	0	0	0	0	0	0	0
June 2030	78	34	28	22	18	13	11	7	1	*	58	0	0	0	0	0	0	0	0	0
June 2031	75	31	25	19	16	11	9	5	1	*	53	0	0	0	0	0	0	0	0	0
June 2032	73	28	22	16	13	9	7	4	*	*	48	0	0	0	0	0	0	0	0	0
June 2033	70	25	19	14	11	7	6	3	*	*	42	0	0	0	0	0	0	0	0	0
June 2034	66	22	17	12	10	6	5	3	*	*	37	0	0	0	0	0	0	0	0	0
June 2035	63	19	15	10	8	5	4	2	*	*	31	0	0	0	0	0	0	0	0	0
June 2036	59	17	13	9	7	4	3	1	*	*	24	0	0	0	0	0	0	0	0	0
June 2037	56	15	11	7	6	3	2	1	*	*	18	0	0	0	0	0	0	0	0	0
June 2038	52	13	9	6	5	2	2	1	*	*	10	0	0	0	0	0	0	0	0	0
June 2039	47	11	8	5	4	2	1	1	*	*	3	0	0	0	0	0	0	0	0	0
June 2040	43	9	6	4	3	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2041	38	7	5	3	2	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2042	32	6	4	2	2	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2043	27	5	3	2	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2044	21	3	2	1	1	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2045	14	2	1	1	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2046	7	1	1	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	19.6	10.8	9.7	8.5	7.8	6.8	6.4	5.5	3.7	2.8	13.5	5.8	5.2	5.2	5.2	5.2	5.0	4.3	3.0	2.4

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

Date	UM Class										HL Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2019	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2021	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2022	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	94
June 2023	100	100	100	100	100	100	100	100	100	70	0	100	100	100	100	100	100	100	100	53
June 2024	100	100	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	100	30
June 2025	100	100	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	100	17
June 2026	100	100	100	100	100	100	100	97	0	0	100	100	100	100	100	100	100	100	41	10
June 2027	100	100	100	100	100	100	100	29	0	0	100	100	100	100	100	100	100	100	28	5
June 2028	100	100	100	100	100	100	78	0	0	0	100	100	100	100	100	100	100	89	19	3
June 2029	100	96	61	61	61	61	24	0	0	0	100	100	100	100	100	100	100	71	13	2
June 2030	100	15	12	12	12	12	0	0	0	0	100	100	100	100	100	100	91	56	9	1
June 2031	100	0	0	0	0	0	0	0	0	0	100	87	87	87	87	87	74	44	6	1
June 2032	100	0	0	0	0	0	0	0	0	0	100	72	72	72	72	72	61	34	4	*
June 2033	100	0	0	0	0	0	0	0	0	0	100	59	59	59	59	59	49	27	3	*
June 2034	100	0	0	0	0	0	0	0	0	0	100	49	49	49	49	49	40	21	2	*
June 2035	100	0	0	0	0	0	0	0	0	0	100	39	39	39	39	39	32	16	1	*
June 2036	100	0	0	0	0	0	0	0	0	0	100	32	32	32	32	32	25	12	1	*
June 2037	100	0	0	0	0	0	0	0	0	0	100	26	26	26	26	26	20	9	*	*
June 2038	100	0	0	0	0	0	0	0	0	0	100	20	20	20	20	20	16	7	*	*
June 2039	100	0	0	0	0	0	0	0	0	0	100	16	16	16	16	16	12	5	*	*
June 2040	32	0	0	0	0	0	0	0	0	0	100	12	12	12	12	12	9	4	*	*
June 2041	0	0	0	0	0	0	0	0	0	0	65	9	9	9	9	9	7	3	*	*
June 2042	0	0	0	0	0	0	0	0	0	0	14	7	7	7	7	7	5	2	*	*
June 2043	0	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	3	1	*	*
June 2044	0	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	2	1	*	*
June 2045	0	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	1	*	*	*
June 2046	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	*	*	*	*
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	22.9	12.6	12.3	12.3	12.3	12.3	11.5	9.7	6.2	4.6	24.4	17.9	17.9	17.9	17.9	17.9	17.0	14.6	9.3	6.7

Date	AZ Class										ZW Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	103	103	103	98	95	88	85	85	81	51	103	103	103	103	103	103	103	78	0	0
June 2019	106	106	106	90	79	57	48	48	0	0	106	106	106	106	106	106	106	27	0	0
June 2020	109	109	109	79	59	19	4	0	0	0	109	109	109	109	109	109	109	0	0	0
June 2021	113	113	113	71	44	0	0	0	0	0	113	113	113	113	113	88	30	0	0	0
June 2022	116	116	116	66	34	0	0	0	0	0	116	116	116	116	116	39	0	0	0	0
June 2023	120	120	120	63	28	0	0	0	0	0	120	120	120	120	120	10	0	0	0	0
June 2024	123	123	123	62	25	0	0	0	0	0	123	123	123	123	123	*	0	0	0	0
June 2025	127	127	126	62	24	0	0	0	0	0	127	127	127	127	127	*	0	0	0	0
June 2026	131	131	124	59	21	0	0	0	0	0	131	131	131	131	131	*	0	0	0	0
June 2027	135	135	119	55	17	0	0	0	0	0	135	135	135	135	135	*	0	0	0	0
June 2028	139	139	112	48	12	0	0	0	0	0	139	139	139	139	139	*	0	0	0	0
June 2029	143	143	104	41	7	0	0	0	0	0	143	143	143	143	143	*	0	0	0	0
June 2030	148	148	93	34	1	0	0	0	0	0	148	148	148	148	148	*	0	0	0	0
June 2031	152	136	82	25	0	0	0	0	0	0	152	152	152	152	138	*	0	0	0	0
June 2032	157	122	71	17	0	0	0	0	0	0	157	157	157	157	125	*	0	0	0	0
June 2033	162	108	59	9	0	0	0	0	0	0	162	162	162	162	112	*	0	0	0	0
June 2034	166	93	46	*	0	0	0	0	0	0	166	166	166	166	99	*	0	0	0	0
June 2035	171	77	34	0	0	0	0	0	0	0	171	171	171	148	87	*	0	0	0	0
June 2036	177	62	22	0	0	0	0	0	0	0	177	177	177	130	76	*	0	0	0	0
June 2037	182	47	10	0	0	0	0	0	0	0	182	182	182	113	65	*	0	0	0	0
June 2038	188	31	0	0	0	0	0	0	0	0	188	188	184	97	55	*	0	0	0	0
June 2039	193	17	0	0	0	0	0	0	0	0	193	193	158	82	46	*	0	0	0	0
June 2040	199	2	0	0	0	0	0	0	0	0	199	199	133	68	38	*	0	0	0	0
June 2041	205	0	0	0	0	0	0	0	0	0	205	171	109	55	31	*	0	0	0	0
June 2042	212	0	0	0	0	0	0	0	0	0	212	138	87	43	24	*	0	0	0	0
June 2043	167	0	0	0	0	0	0	0	0	0	218	106	66	32	18	*	0	0	0	0
June 2044	111	0	0	0	0	0	0	0	0	0	225	76	47	22	12	*	0	0	0	0
June 2045	50	0	0	0	0	0	0	0	0	0	231	48	29	14	7	*	0	0	0	0
June 2046	0	0	0	0	0	0	0	0	0	0	194	21	13	6	3	*	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	27.1	18.2	15.5	9.3	5.0	2.2	1.9	1.9	1.3	1.0	29.4	26.3	24.9	22.4	19.8	4.8	3.7	1.6	0.6	0.4

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

Date	HP Class										FA and SA† Classes									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	98	95	94	94	94	94	94	94	94	94	99	95	95	94	93	92	91	90	84	79
June 2019	96	87	85	85	85	85	85	85	80	67	98	89	88	85	84	81	80	76	63	52
June 2020	93	77	73	73	73	73	73	72	50	32	96	82	79	76	73	69	67	61	44	30
June 2021	91	67	62	62	62	62	62	55	29	11	95	76	72	67	64	58	56	49	30	17
June 2022	88	58	52	52	52	52	51	41	15	0	94	70	65	59	56	49	47	39	20	10
June 2023	85	49	42	42	42	42	39	29	5	0	92	64	59	53	49	41	39	31	14	5
June 2024	82	41	34	34	34	34	30	20	0	0	90	59	53	46	42	35	32	25	10	3
June 2025	79	33	26	26	26	26	22	13	0	0	89	54	48	41	37	29	27	20	7	2
June 2026	76	26	19	19	19	19	16	7	0	0	87	49	43	36	32	25	22	16	4	1
June 2027	72	19	13	13	13	13	10	2	0	0	85	44	38	31	27	21	18	13	3	1
June 2028	69	13	8	8	8	8	6	0	0	0	83	40	34	27	24	17	15	10	2	*
June 2029	65	7	4	4	4	4	2	0	0	0	80	37	31	24	20	14	13	8	1	*
June 2030	61	1	1	1	1	1	0	0	0	0	78	33	27	21	17	12	10	6	1	*
June 2031	56	0	0	0	0	0	0	0	0	0	75	30	24	18	15	10	8	5	1	*
June 2032	51	0	0	0	0	0	0	0	0	0	73	27	21	16	13	8	7	4	*	*
June 2033	46	0	0	0	0	0	0	0	0	0	70	24	19	13	11	7	6	3	*	*
June 2034	41	0	0	0	0	0	0	0	0	0	66	21	16	11	9	5	4	2	*	*
June 2035	36	0	0	0	0	0	0	0	0	0	63	18	14	10	7	4	4	2	*	*
June 2036	30	0	0	0	0	0	0	0	0	0	59	16	12	8	6	4	3	1	*	*
June 2037	23	0	0	0	0	0	0	0	0	0	56	14	10	7	5	3	2	1	*	*
June 2038	17	0	0	0	0	0	0	0	0	0	52	12	9	6	4	2	2	1	*	*
June 2039	10	0	0	0	0	0	0	0	0	0	47	10	7	4	3	2	1	1	*	*
June 2040	2	0	0	0	0	0	0	0	0	0	43	8	6	4	3	1	1	*	*	*
June 2041	0	0	0	0	0	0	0	0	0	0	38	7	5	3	2	1	1	*	*	*
June 2042	0	0	0	0	0	0	0	0	0	0	32	5	3	2	1	1	1	*	*	*
June 2043	0	0	0	0	0	0	0	0	0	0	27	4	2	1	1	*	*	*	*	*
June 2044	0	0	0	0	0	0	0	0	0	0	21	2	2	1	1	*	*	*	*	*
June 2045	0	0	0	0	0	0	0	0	0	0	14	1	1	1	*	*	*	*	*	*
June 2046	0	0	0	0	0	0	0	0	0	0	7	1	*	*	*	*	*	*	*	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	14.2	6.3	5.7	5.7	5.7	5.7	5.4	4.7	3.3	2.6	19.6	10.4	9.3	8.2	7.5	6.4	6.1	5.2	3.4	2.5

Date	AP, BP, CP, DP, EP, GP and IP† Classes										LP Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	98	93	92	92	92	92	92	92	92	91	100	100	100	100	100	100	100	100	100	100
June 2019	95	84	81	81	81	81	81	81	69	53	100	100	100	100	100	100	100	100	100	100
June 2020	93	73	69	69	69	69	69	66	41	22	100	100	100	100	100	100	100	100	100	100
June 2021	90	63	58	58	58	58	58	49	22	4	100	100	100	100	100	100	100	100	100	100
June 2022	88	54	47	47	47	47	46	35	9	0	100	100	100	100	100	100	100	100	100	67
June 2023	85	45	38	38	38	38	35	24	0	0	100	100	100	100	100	100	100	100	97	38
June 2024	82	37	29	29	29	29	25	15	0	0	100	100	100	100	100	100	100	100	67	21
June 2025	78	29	21	21	21	21	18	8	0	0	100	100	100	100	100	100	100	100	45	12
June 2026	75	21	14	14	14	14	11	2	0	0	100	100	100	100	100	100	100	100	31	7
June 2027	71	14	9	9	9	9	6	0	0	0	100	100	100	100	100	100	100	88	21	4
June 2028	67	8	4	4	4	4	1	0	0	0	100	100	100	100	100	100	100	70	14	2
June 2029	63	1	0	0	0	0	0	0	0	0	100	100	98	98	98	98	87	55	10	1
June 2030	59	0	0	0	0	0	0	0	0	0	100	81	81	81	81	81	71	43	6	1
June 2031	54	0	0	0	0	0	0	0	0	0	100	67	67	67	67	67	58	34	4	*
June 2032	49	0	0	0	0	0	0	0	0	0	100	55	55	55	55	55	48	27	3	*
June 2033	44	0	0	0	0	0	0	0	0	0	100	44	44	44	44	44	38	21	2	*
June 2034	39	0	0	0	0	0	0	0	0	0	100	36	36	36	36	36	31	16	1	*
June 2035	33	0	0	0	0	0	0	0	0	0	100	28	28	28	28	28	25	12	1	*
June 2036	27	0	0	0	0	0	0	0	0	0	100	22	22	22	22	22	20	9	1	*
June 2037	20	0	0	0	0	0	0	0	0	0	100	17	17	17	17	17	15	7	*	*
June 2038	13	0	0	0	0	0	0	0	0	0	100	13	13	13	13	13	12	5	*	*
June 2039	6	0	0	0	0	0	0	0	0	0	100	9	9	9	9	9	9	4	*	*
June 2040	0	0	0	0	0	0	0	0	0	0	91	6	6	6	6	6	7	3	*	*
June 2041	0	0	0	0	0	0	0	0	0	0	50	4	4	4	4	4	5	2	*	*
June 2042	0	0	0	0	0	0	0	0	0	0	7	2	2	2	2	2	3	1	*	*
June 2043	0	0	0	0	0	0	0	0	0	0	*	*	*	*	*	*	2	1	*	*
June 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	*	*
June 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	*	*	*
June 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*	*	*
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	13.8	5.7	5.1	5.1	5.1	5.1	4.9	4.3	2.9	2.2	24.0	16.4	16.3	16.3	16.3	16.3	15.9	13.5	8.5	6.1

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

Date	BZ Class										FN and SN† Classes									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	103	103	103	97	93	84	81	70	32	0	99	95	94	93	92	91	90	88	81	75
June 2019	106	106	106	91	81	60	52	27	0	0	98	89	87	84	82	79	78	74	60	49
June 2020	109	109	109	84	68	36	23	0	0	0	96	82	79	75	72	67	65	60	42	28
June 2021	113	113	113	80	59	19	4	0	0	0	95	75	71	66	63	57	55	48	29	16
June 2022	116	116	116	78	54	8	0	0	0	0	94	69	64	59	55	48	46	38	20	9
June 2023	120	120	120	77	51	3	0	0	0	0	92	63	58	52	48	41	38	31	13	5
June 2024	123	123	123	78	51	2	0	0	0	0	90	58	52	46	42	34	32	24	9	3
June 2025	127	127	125	78	51	2	0	0	0	0	89	53	47	40	36	29	26	20	6	2
June 2026	131	131	124	77	49	2	0	0	0	0	87	48	42	35	31	24	22	16	4	1
June 2027	135	135	121	74	47	2	0	0	0	0	85	44	38	31	27	20	18	12	3	1
June 2028	139	139	116	71	45	2	0	0	0	0	83	40	34	27	23	17	15	10	2	*
June 2029	143	143	111	66	42	2	0	0	0	0	80	36	30	24	20	14	12	8	1	*
June 2030	148	144	104	62	39	2	0	0	0	0	78	33	27	20	17	12	10	6	1	*
June 2031	152	135	97	57	35	2	0	0	0	0	75	29	24	18	15	10	8	5	1	*
June 2032	157	126	90	52	32	2	0	0	0	0	73	26	21	15	12	8	7	4	*	*
June 2033	162	117	82	47	29	2	0	0	0	0	70	23	18	13	10	7	5	3	*	*
June 2034	166	107	74	42	26	2	0	0	0	0	66	21	16	11	9	5	4	2	*	*
June 2035	171	97	67	37	23	2	0	0	0	0	63	18	14	9	7	4	3	2	*	*
June 2036	177	87	59	33	20	2	0	0	0	0	59	16	12	8	6	3	3	1	*	*
June 2037	182	77	52	29	18	2	0	0	0	0	56	14	10	7	5	3	2	1	*	*
June 2038	188	67	45	25	15	3	0	0	0	0	52	12	8	5	4	2	2	1	*	*
June 2039	193	58	39	21	13	3	0	0	0	0	47	10	7	4	3	2	1	1	*	*
June 2040	199	49	33	18	11	3	0	0	0	0	43	8	6	3	2	1	1	*	*	*
June 2041	205	41	27	15	9	3	0	0	0	0	38	6	4	3	2	1	1	*	*	*
June 2042	212	32	21	12	8	3	0	0	0	0	32	5	3	2	1	1	*	*	*	*
June 2043	180	24	16	9	6	3	0	0	0	0	27	3	2	1	1	*	*	*	*	*
June 2044	139	16	11	6	4	2	0	0	0	0	21	2	1	1	1	*	*	*	*	*
June 2045	96	9	6	3	2	1	0	0	0	0	14	1	1	*	*	*	*	*	*	*
June 2046	49	4	2	1	1	*	0	0	0	0	7	*	*	*	*	*	*	*	*	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	27.7	20.7	18.9	14.6	10.4	3.3	2.1	1.5	0.8	0.5	19.6	10.3	9.2	8.1	7.4	6.3	6.0	5.1	3.3	2.4

Date	QA, QB, QC and QI† Classes										QM Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	98	92	91	91	91	91	91	91	85	100	100	100	100	100	100	100	100	100	100	100
June 2019	96	83	80	80	80	80	80	80	66	49	100	100	100	100	100	100	100	100	100	100
June 2020	93	73	68	68	68	68	68	64	40	20	100	100	100	100	100	100	100	100	100	100
June 2021	91	63	57	57	57	57	57	48	21	4	100	100	100	100	100	100	100	100	100	100
June 2022	88	54	47	47	47	47	45	35	9	0	100	100	100	100	100	100	100	100	100	16
June 2023	85	45	38	38	38	38	34	24	*	0	100	100	100	100	100	100	100	100	100	0
June 2024	82	37	29	29	29	29	26	16	0	0	100	100	100	100	100	100	100	100	18	0
June 2025	79	29	22	22	22	22	18	9	0	0	100	100	100	100	100	100	100	100	0	0
June 2026	75	22	15	15	15	15	12	3	0	0	100	100	100	100	100	100	100	100	0	0
June 2027	72	15	10	10	10	10	7	0	0	0	100	100	100	100	100	100	100	82	0	0
June 2028	68	9	5	5	5	5	2	0	0	0	100	100	100	100	100	100	100	31	0	0
June 2029	64	3	1	1	1	1	0	0	0	0	100	100	100	100	100	100	80	0	0	0
June 2030	60	0	0	0	0	0	0	0	0	0	100	69	69	69	69	69	36	0	0	0
June 2031	55	0	0	0	0	0	0	0	0	0	100	29	29	29	29	29	0	0	0	0
June 2032	50	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2033	45	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2034	40	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2035	34	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2036	28	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2037	22	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2038	15	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2039	8	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2040	*	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	14.0	5.8	5.2	5.2	5.2	5.2	4.9	4.2	2.8	2.1	23.5	13.5	13.5	13.5	13.5	13.5	12.7	10.7	6.6	4.7

* 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	JL Class										DZ Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	100	100	100	100	100	100	100	100	100	100	103	103	103	94	94	94	90	75	21	0
June 2019	100	100	100	100	100	100	100	100	100	100	106	106	106	86	86	66	55	22	0	0
June 2020	100	100	100	100	100	100	100	100	100	100	109	109	109	78	78	38	23	0	0	0
June 2021	100	100	100	100	100	100	100	100	100	100	113	113	113	73	68	19	*	0	0	0
June 2022	100	100	100	100	100	100	100	100	100	100	116	116	116	70	62	7	0	0	0	0
June 2023	100	100	100	100	100	100	100	100	100	100	120	120	120	68	59	1	0	0	0	0
June 2024	100	100	100	100	100	100	100	100	100	100	123	123	123	69	59	*	0	0	0	0
June 2025	100	100	100	100	100	100	100	100	76	20	127	127	124	68	59	*	0	0	0	0
June 2026	100	100	100	100	100	100	100	100	51	11	131	131	122	65	57	*	0	0	0	0
June 2027	100	100	100	100	100	100	100	100	35	6	135	135	117	61	54	*	0	0	0	0
June 2028	100	100	100	100	100	100	100	100	24	4	139	139	110	56	51	*	0	0	0	0
June 2029	100	100	100	100	100	100	100	94	16	2	143	143	103	50	47	*	0	0	0	0
June 2030	100	100	100	100	100	100	100	74	11	1	148	141	94	43	43	*	0	0	0	0
June 2031	100	100	100	100	100	100	100	58	7	1	152	130	84	36	39	*	0	0	0	0
June 2032	100	97	97	97	97	97	81	45	5	*	157	118	74	29	36	*	0	0	0	0
June 2033	100	79	79	79	79	79	65	35	3	*	162	105	64	23	32	*	0	0	0	0
June 2034	100	65	65	65	65	65	53	27	2	*	166	93	54	16	28	*	0	0	0	0
June 2035	100	52	52	52	52	52	42	21	1	*	171	80	44	9	24	*	0	0	0	0
June 2036	100	42	42	42	42	42	33	16	1	*	177	67	34	3	21	*	0	0	0	0
June 2037	100	33	33	33	33	33	26	12	1	*	182	54	24	0	18	*	0	0	0	0
June 2038	100	26	26	26	26	26	20	9	*	*	188	41	15	0	15	*	0	0	0	0
June 2039	100	20	20	20	20	20	15	6	*	*	193	29	6	0	12	*	0	0	0	0
June 2040	100	15	15	15	15	15	12	5	*	*	199	17	0	0	10	*	0	0	0	0
June 2041	91	11	11	11	11	11	8	3	*	*	205	6	0	0	8	*	0	0	0	0
June 2042	15	8	8	8	8	8	6	2	*	*	212	0	0	0	6	*	0	0	0	0
June 2043	5	5	5	5	5	5	4	1	*	*	171	0	0	0	4	*	0	0	0	0
June 2044	3	3	3	3	3	3	2	1	*	*	123	0	0	0	3	*	0	0	0	0
June 2045	1	1	1	1	1	1	1	*	*	*	70	0	0	0	1	*	0	0	0	0
June 2046	1	1	1	1	1	1	*	*	*	*	14	0	0	0	*	*	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	24.7	19.1	19.1	19.1	19.1	19.1	18.2	15.6	9.9	6.9	27.3	18.6	16.1	10.5	11.3	2.8	2.2	1.5	0.8	0.5

Date	ZY Class										NF and NS† Classes									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	103	103	103	103	71	6	0	0	0	0	99	95	94	93	92	91	90	88	82	75
June 2019	106	106	106	106	35	0	0	0	0	0	98	88	86	83	82	78	77	72	58	45
June 2020	109	109	109	109	1	0	0	0	0	0	96	81	78	74	71	66	64	58	40	26
June 2021	113	113	113	113	0	0	0	0	0	0	95	75	71	66	62	56	54	47	27	15
June 2022	116	116	116	116	0	0	0	0	0	0	94	69	64	58	54	47	45	37	19	8
June 2023	120	120	120	120	0	0	0	0	0	0	92	63	58	51	47	40	37	30	13	5
June 2024	123	123	123	123	0	0	0	0	0	0	90	58	52	45	41	34	31	24	9	3
June 2025	127	127	127	127	0	0	0	0	0	0	89	53	47	40	36	28	26	19	6	1
June 2026	131	131	131	131	0	0	0	0	0	0	87	48	42	35	31	24	21	15	4	1
June 2027	135	135	135	135	0	0	0	0	0	0	85	44	38	31	27	20	18	12	3	*
June 2028	139	139	139	139	0	0	0	0	0	0	83	40	34	27	23	17	15	10	2	*
June 2029	143	143	143	143	0	0	0	0	0	0	80	36	30	23	20	14	12	8	1	*
June 2030	148	148	148	148	0	0	0	0	0	0	78	32	27	20	17	11	10	6	1	*
June 2031	152	152	152	152	0	0	0	0	0	0	75	29	23	18	14	10	8	5	1	*
June 2032	157	157	157	157	0	0	0	0	0	0	73	26	21	15	12	8	7	4	*	*
June 2033	162	162	162	162	0	0	0	0	0	0	70	23	18	13	10	6	5	3	*	*
June 2034	166	166	166	166	0	0	0	0	0	0	66	21	16	11	9	5	4	2	*	*
June 2035	171	171	171	171	0	0	0	0	0	0	63	18	14	9	7	4	3	2	*	*
June 2036	177	177	177	177	0	0	0	0	0	0	59	16	12	8	6	3	3	1	*	*
June 2037	182	182	182	165	0	0	0	0	0	0	56	14	10	7	5	3	2	1	*	*
June 2038	188	188	188	140	0	0	0	0	0	0	52	12	8	5	4	2	2	1	*	*
June 2039	193	193	193	116	0	0	0	0	0	0	47	10	7	4	3	2	1	1	*	*
June 2040	199	199	187	95	0	0	0	0	0	0	43	8	6	3	2	1	1	*	*	*
June 2041	205	205	149	75	0	0	0	0	0	0	38	6	4	3	2	1	1	*	*	*
June 2042	212	183	114	56	0	0	0	0	0	0	32	5	3	2	1	1	*	*	*	*
June 2043	218	132	82	40	0	0	0	0	0	0	27	3	2	1	1	*	*	*	*	*
June 2044	225	85	52	25	0	0	0	0	0	0	21	2	1	1	1	*	*	*	*	*
June 2045	231	41	25	12	0	0	0	0	0	0	14	1	1	*	*	*	*	*	*	*
June 2046	238	17	10	5	0	0	0	0	0	0	7	*	*	*	*	*	*	*	*	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	29.7	26.7	25.7	23.6	1.6	0.6	0.5	0.3	0.2	0.1	19.6	10.3	9.2	8.0	7.3	6.2	5.9	5.0	3.2	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	MA, MB, MC and MIt Classes										MQ Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	98	92	91	91	91	91	91	91	91	86	100	100	100	100	100	100	100	100	100	100
June 2019	96	82	79	79	79	79	79	79	62	44	100	100	100	100	100	100	100	100	100	100
June 2020	93	72	68	68	68	68	68	62	37	17	100	100	100	100	100	100	100	100	100	100
June 2021	91	62	57	57	57	57	56	47	20	2	100	100	100	100	100	100	100	100	100	100
June 2022	88	53	47	47	47	47	44	34	8	0	100	100	100	100	100	100	100	100	100	12
June 2023	85	45	37	37	37	37	34	23	0	0	100	100	100	100	100	100	100	100	100	94
June 2024	82	36	29	29	29	29	25	15	0	0	100	100	100	100	100	100	100	100	20	0
June 2025	79	29	21	21	21	21	18	8	0	0	100	100	100	100	100	100	100	100	0	0
June 2026	75	22	15	15	15	15	12	3	0	0	100	100	100	100	100	100	100	100	0	0
June 2027	72	15	10	10	10	10	6	0	0	0	100	100	100	100	100	100	100	82	0	0
June 2028	68	8	5	5	5	5	2	0	0	0	100	100	100	100	100	100	100	36	0	0
June 2029	64	2	1	1	1	1	0	0	0	0	100	100	100	100	100	100	81	0	0	0
June 2030	60	0	0	0	0	0	0	0	0	0	100	72	72	72	72	72	41	0	0	0
June 2031	55	0	0	0	0	0	0	0	0	0	100	35	35	35	35	35	8	0	0	0
June 2032	50	0	0	0	0	0	0	0	0	0	100	4	4	4	4	4	0	0	0	0
June 2033	45	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2034	40	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2035	34	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2036	28	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2037	22	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2038	15	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2039	8	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2040	0	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	14.0	5.7	5.1	5.1	5.1	5.1	4.9	4.2	2.7	2.0	23.5	13.7	13.7	13.7	13.7	13.7	12.8	10.7	6.6	4.7

Date	LN Class										ZN Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	100	100	100	100	100	100	100	100	100	100	103	103	103	96	91	81	77	64	19	0
June 2019	100	100	100	100	100	100	100	100	100	100	106	106	106	88	76	52	43	14	0	0
June 2020	100	100	100	100	100	100	100	100	100	100	109	109	109	82	65	30	16	0	0	0
June 2021	100	100	100	100	100	100	100	100	100	100	113	113	113	78	57	14	0	0	0	0
June 2022	100	100	100	100	100	100	100	100	100	100	116	116	116	77	52	5	0	0	0	0
June 2023	100	100	100	100	100	100	100	100	100	61	120	120	120	76	50	1	0	0	0	0
June 2024	100	100	100	100	100	100	100	100	100	35	123	123	123	77	50	*	0	0	0	0
June 2025	100	100	100	100	100	100	100	100	78	20	127	127	124	77	49	*	0	0	0	0
June 2026	100	100	100	100	100	100	100	100	53	11	131	131	122	75	48	*	0	0	0	0
June 2027	100	100	100	100	100	100	100	100	36	6	135	135	119	72	45	*	0	0	0	0
June 2028	100	100	100	100	100	100	100	100	24	3	139	139	114	68	42	*	0	0	0	0
June 2029	100	100	100	100	100	100	100	99	16	2	143	143	108	64	39	*	0	0	0	0
June 2030	100	100	100	100	100	100	100	78	11	1	148	141	101	59	36	*	0	0	0	0
June 2031	100	100	100	100	100	100	100	61	7	1	152	132	94	54	33	*	0	0	0	0
June 2032	100	100	100	100	100	100	86	48	5	*	157	123	86	49	30	*	0	0	0	0
June 2033	100	85	85	85	85	85	70	37	3	*	162	113	79	44	26	*	0	0	0	0
June 2034	100	69	69	69	69	69	56	29	2	*	166	103	71	39	23	*	0	0	0	0
June 2035	100	56	56	56	56	56	45	22	1	*	171	93	63	34	20	*	0	0	0	0
June 2036	100	45	45	45	45	45	35	17	1	*	177	83	56	30	17	*	0	0	0	0
June 2037	100	35	35	35	35	35	28	13	1	*	182	73	49	26	15	*	0	0	0	0
June 2038	100	28	28	28	28	28	22	9	*	*	188	64	42	22	12	*	0	0	0	0
June 2039	100	21	21	21	21	21	16	7	*	*	193	54	35	18	10	*	0	0	0	0
June 2040	100	16	16	16	16	16	12	5	*	*	199	45	29	15	8	*	0	0	0	0
June 2041	95	12	12	12	12	12	9	3	*	*	205	37	23	12	6	*	0	0	0	0
June 2042	12	8	8	8	8	8	6	2	*	*	212	28	18	9	5	*	0	0	0	0
June 2043	6	6	6	6	6	6	4	1	*	*	177	21	13	6	3	*	0	0	0	0
June 2044	3	3	3	3	3	3	2	1	*	*	137	13	8	4	2	*	0	0	0	0
June 2045	1	1	1	1	1	1	1	1	*	*	95	6	4	2	1	*	0	0	0	0
June 2046	*	*	*	*	*	*	*	*	*	*	49	1	*	*	*	*	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	24.7	19.4	19.4	19.4	19.4	19.4	18.5	15.8	9.9	6.9	27.7	20.3	18.5	14.0	9.6	2.3	1.9	1.3	0.7	0.5

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

Date	LA Class							ML Class							VO Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	193%	300%	400%	500%	700%	0%	100%	193%	300%	400%	500%	700%	0%	100%	193%	300%	400%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	98	95	93	91	89	87	82	100	100	100	100	100	100	100	92	92	92	92	92	92	92
June 2019	97	88	81	73	66	59	45	100	100	100	100	100	100	100	85	85	85	85	85	85	85
June 2020	95	77	64	50	38	26	6	100	100	100	100	100	100	100	77	77	77	77	77	77	77
June 2021	93	68	49	31	16	3	0	100	100	100	100	100	100	0	68	68	68	68	68	68	23
June 2022	91	58	36	16	0	0	0	100	100	100	100	100	6	0	60	60	60	60	60	60	0
June 2023	88	50	25	3	0	0	0	100	100	100	100	8	0	0	51	51	51	51	51	0	0
June 2024	86	42	15	0	0	0	0	100	100	100	48	0	0	0	42	42	42	42	0	0	0
June 2025	83	34	7	0	0	0	0	100	100	100	0	0	0	0	33	33	33	10	0	0	0
June 2026	81	27	0	0	0	0	0	100	100	93	0	0	0	0	23	23	23	0	0	0	0
June 2027	78	21	0	0	0	0	0	100	100	43	0	0	0	0	13	13	13	0	0	0	0
June 2028	74	15	0	0	0	0	0	100	100	0	0	0	0	0	3	3	3	0	0	0	0
June 2029	71	9	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0
June 2030	68	4	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0
June 2031	64	0	0	0	0	0	0	100	89	0	0	0	0	0	0	0	0	0	0	0	0
June 2032	60	0	0	0	0	0	0	100	54	0	0	0	0	0	0	0	0	0	0	0	0
June 2033	55	0	0	0	0	0	0	100	21	0	0	0	0	0	0	0	0	0	0	0	0
June 2034	51	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2035	46	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2036	40	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2037	35	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2038	29	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2039	22	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2040	16	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2041	8	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2042	*	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2043	0	0	0	0	0	0	0	41	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	15.8	6.4	4.2	3.2	2.6	2.3	1.9	25.9	15.2	9.9	7.0	5.6	4.6	3.5	6.0	6.0	6.0	5.4	4.7	4.2	3.4

Date	OV Class							OZ Class							OI† Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	193%	300%	400%	500%	700%	0%	100%	193%	300%	400%	500%	700%	0%	100%	193%	300%	400%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	100	100	100	100	100	100	100	103	103	103	103	103	103	99	97	96	94	92	91	88	
June 2019	100	100	100	100	100	100	100	106	106	106	106	106	106	98	92	87	81	77	72	63	
June 2020	100	100	100	100	100	100	100	109	109	109	109	109	109	96	85	76	66	58	50	36	
June 2021	100	100	100	100	100	100	100	113	113	113	113	113	113	95	78	66	53	43	34	21	
June 2022	100	100	100	100	100	100	0	116	116	116	116	116	116	93	94	72	57	43	32	23	12
June 2023	100	100	100	100	100	18	0	120	120	120	120	120	120	53	92	66	49	34	24	16	7
June 2024	100	100	100	100	38	0	0	123	123	123	123	123	87	30	90	60	42	27	18	11	4
June 2025	100	100	100	100	0	0	0	127	127	127	127	103	59	17	89	55	36	22	13	7	2
June 2026	100	100	100	16	0	0	0	131	131	131	131	76	40	9	87	51	31	17	10	5	1
June 2027	100	100	100	0	0	0	0	135	135	135	109	56	27	5	85	46	27	14	7	3	1
June 2028	100	100	100	0	0	0	0	139	139	139	87	41	19	3	83	42	23	11	5	2	*
June 2029	93	93	28	0	0	0	0	143	143	143	69	30	13	2	80	38	20	9	4	2	*
June 2030	82	82	0	0	0	0	0	148	148	132	54	22	8	1	78	34	17	7	3	1	*
June 2031	71	71	0	0	0	0	0	152	152	112	43	16	6	1	75	31	14	5	2	1	*
June 2032	60	60	0	0	0	0	0	157	157	94	33	12	4	*	73	28	12	4	1	*	*
June 2033	49	49	0	0	0	0	0	162	162	79	26	8	3	*	70	25	10	3	1	*	*
June 2034	37	20	0	0	0	0	0	166	166	66	20	6	2	*	66	22	8	3	1	*	*
June 2035	25	0	0	0	0	0	0	171	154	55	16	4	1	*	63	19	7	2	1	*	*
June 2036	12	0	0	0	0	0	0	177	135	45	12	3	1	*	59	17	6	1	*	*	*
June 2037	0	0	0	0	0	0	0	182	117	37	9	2	*	*	56	15	5	1	*	*	*
June 2038	0	0	0	0	0	0	0	182	101	30	7	1	*	*	52	13	4	1	*	*	*
June 2039	0	0	0	0	0	0	0	182	85	24	5	1	*	*	47	11	3	1	*	*	*
June 2040	0	0	0	0	0	0	0	182	71	19	4	1	*	*	43	9	2	*	*	*	*
June 2041	0	0	0	0	0	0	0	182	58	14	3	*	*	*	38	7	2	*	*	*	*
June 2042	0	0	0	0	0	0	0	182	45	10	2	*	*	*	32	6	1	*	*	*	*
June 2043	0	0	0	0	0	0	0	182	34	7	1	*	*	*	27	4	1	*	*	*	*
June 2044	0	0	0	0	0	0	0	163	23	5	1	*	*	*	21	3	1	*	*	*	*
June 2045	0	0	0	0	0	0	0	112	13	2	*	*	*	*	14	2	*	*	*	*	*
June 2046	0	0	0	0	0	0	0	58	4	1	*	*	*	*	7	*	*	*	*	*	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																					
Life (years)**	15.8	15.3	11.7	8.7	6.9	5.8	4.4	28.4	22.5	17.6	13.3	10.6	8.8	6.4	19.6	10.8	7.5	5.5	4.4	3.7	2.9

* 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	OE, OD, OC, OB, OA and IM† Classes							OY Class						
	PSA Prepayment Assumption							PSA Prepayment Assumption						
	0%	100%	193%	300%	400%	500%	700%	0%	100%	193%	300%	400%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	99	96	94	92	90	88	84	100	100	100	100	100	100	100
June 2019	97	89	83	76	70	63	52	100	100	100	100	100	100	100
June 2020	95	80	68	56	45	35	17	100	100	100	100	100	100	100
June 2021	94	71	55	39	26	15	0	100	100	100	100	100	100	90
June 2022	92	63	44	25	12	1	0	100	100	100	100	100	100	51
June 2023	90	56	34	14	1	0	0	100	100	100	100	100	70	29
June 2024	88	49	25	6	0	0	0	100	100	100	100	77	48	16
June 2025	85	42	17	0	0	0	0	100	100	100	95	57	33	9
June 2026	83	36	11	0	0	0	0	100	100	100	76	42	22	5
June 2027	80	30	5	0	0	0	0	100	100	100	60	31	15	3
June 2028	77	25	0	0	0	0	0	100	100	100	48	23	10	2
June 2029	74	20	0	0	0	0	0	100	100	85	38	17	7	1
June 2030	71	15	0	0	0	0	0	100	100	73	30	12	5	1
June 2031	68	10	0	0	0	0	0	100	100	62	23	9	3	*
June 2032	64	6	0	0	0	0	0	100	100	52	18	6	2	*
June 2033	61	2	0	0	0	0	0	100	100	44	14	5	1	*
June 2034	56	0	0	0	0	0	0	100	96	36	11	3	1	*
June 2035	52	0	0	0	0	0	0	100	85	30	9	2	1	*
June 2036	47	0	0	0	0	0	0	100	74	25	7	2	*	*
June 2037	42	0	0	0	0	0	0	100	65	20	5	1	*	*
June 2038	37	0	0	0	0	0	0	100	55	16	4	1	*	*
June 2039	31	0	0	0	0	0	0	100	47	13	3	1	*	*
June 2040	25	0	0	0	0	0	0	100	39	10	2	*	*	*
June 2041	19	0	0	0	0	0	0	100	32	8	1	*	*	*
June 2042	12	0	0	0	0	0	0	100	25	6	1	*	*	*
June 2043	5	0	0	0	0	0	0	100	18	4	1	*	*	*
June 2044	0	0	0	0	0	0	0	90	13	3	*	*	*	*
June 2045	0	0	0	0	0	0	0	62	7	1	*	*	*	*
June 2046	0	0	0	0	0	0	0	32	2	*	*	*	*	*
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	17.0	7.4	4.9	3.6	3.0	2.6	2.1	28.4	22.1	16.4	12.0	9.4	7.7	5.6

Date	D and ID† Classes								FB, BF and IB† Classes							
	PSA Prepayment Assumption								CPR Prepayment Assumption							
	0%	100%	159%	200%	300%	400%	500%	600%	0%	5%	10%	15%	20%	25%	50%	75%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	99	96	95	94	92	90	88	86	96	91	86	81	76	72	48	24
June 2019	98	90	87	84	78	73	67	61	91	82	74	66	58	51	23	6
June 2020	96	83	77	73	63	54	46	39	86	74	63	53	44	36	11	1
June 2021	95	77	68	63	51	40	32	24	81	66	53	42	33	26	5	*
June 2022	94	71	60	54	41	30	22	15	76	59	45	34	25	18	2	*
June 2023	92	65	53	46	33	22	15	10	71	52	38	27	19	13	1	*
June 2024	90	60	47	40	26	17	10	6	66	46	31	21	14	9	1	*
June 2025	89	54	42	34	21	12	7	4	60	40	26	16	10	6	*	*
June 2026	87	50	37	29	17	9	5	2	54	34	21	13	7	4	*	*
June 2027	85	45	32	25	13	7	3	1	49	29	17	10	5	3	*	*
June 2028	83	41	28	21	10	5	2	1	42	24	13	7	4	2	*	*
June 2029	80	37	24	18	8	4	1	1	36	19	10	5	2	1	*	*
June 2030	78	34	21	15	7	3	1	*	29	15	7	4	2	1	*	0
June 2031	75	30	18	13	5	2	1	*	22	11	5	2	1	*	*	0
June 2032	73	27	16	11	4	1	*	*	15	7	3	1	1	*	*	0
June 2033	70	24	14	9	3	1	*	*	8	4	1	1	*	*	*	0
June 2034	66	22	12	7	2	1	*	*	3	1	*	*	*	*	*	0
June 2035	63	19	10	6	2	1	*	*	1	*	*	*	*	*	*	0
June 2036	59	17	8	5	1	*	*	*	*	*	*	*	*	*	0	0
June 2037	56	14	7	4	1	*	*	*	*	*	*	*	*	*	0	0
June 2038	52	12	6	3	1	*	*	*	*	*	*	*	*	*	0	0
June 2039	47	10	5	3	1	*	*	*	*	*	*	*	*	0	0	0
June 2040	43	9	4	2	*	*	*	*	0	0	0	0	0	0	0	0
June 2041	38	7	3	2	*	*	*	*	0	0	0	0	0	0	0	0
June 2042	32	6	2	1	*	*	*	*	0	0	0	0	0	0	0	0
June 2043	27	4	2	1	*	*	*	*	0	0	0	0	0	0	0	0
June 2044	21	3	1	*	*	*	*	*	0	0	0	0	0	0	0	0
June 2045	14	2	1	*	*	*	*	*	0	0	0	0	0	0	0	0
June 2046	7	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																
Life (years)**	19.6	10.6	8.3	7.2	5.3	4.2	3.5	3.0	9.4	7.1	5.5	4.3	3.5	2.9	1.4	0.7

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

Date	LH Class										CZ Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	100	100	100	100	100	100	100	100	100	100	103	103	103	96	93	88	84	75	41	15
June 2019	100	100	100	100	100	100	100	100	100	100	106	106	106	89	81	60	51	30	0	0
June 2020	100	100	100	100	100	100	100	100	100	100	109	109	109	81	68	31	17	0	0	0
June 2021	100	100	100	100	100	100	100	100	100	100	113	113	113	75	57	13	1	0	0	0
June 2022	100	100	100	100	100	100	100	100	100	81	116	116	116	72	50	5	0	0	0	0
June 2023	100	100	100	100	100	100	100	100	99	46	120	120	120	71	47	1	0	0	0	0
June 2024	100	100	100	100	100	100	100	100	78	26	123	123	123	71	46	*	0	0	0	0
June 2025	100	100	100	100	100	100	100	100	53	15	127	127	125	70	45	*	0	0	0	0
June 2026	100	100	100	100	100	100	100	100	36	8	131	131	123	68	43	1	0	0	0	0
June 2027	100	100	100	100	100	100	100	95	25	5	135	135	119	64	40	1	0	0	0	0
June 2028	100	100	100	100	100	100	100	80	17	3	139	139	113	60	37	1	0	0	0	0
June 2029	100	100	99	99	99	99	94	64	11	1	143	143	106	54	33	1	0	0	0	0
June 2030	100	91	91	91	91	91	82	50	8	1	148	144	98	48	29	1	0	0	0	0
June 2031	100	78	78	78	78	78	67	39	5	*	152	134	89	41	26	1	0	0	0	0
June 2032	100	64	64	64	64	64	55	31	3	*	157	122	79	35	24	1	0	0	0	0
June 2033	100	52	52	52	52	52	44	24	2	*	162	110	70	28	21	1	0	0	0	0
June 2034	100	43	43	43	43	43	36	19	1	*	166	98	60	22	19	1	0	0	0	0
June 2035	100	34	34	34	34	34	29	14	1	*	171	86	50	18	16	1	0	0	0	0
June 2036	100	27	27	27	27	27	23	11	1	*	177	73	41	14	14	1	0	0	0	0
June 2037	100	22	22	22	22	22	18	8	*	*	182	61	32	12	12	1	0	0	0	0
June 2038	100	17	17	17	17	17	14	6	*	*	188	49	23	10	10	1	0	0	0	0
June 2039	100	13	13	13	13	13	11	5	*	*	193	37	18	9	9	1	0	0	0	0
June 2040	96	9	9	9	9	9	8	3	*	*	199	26	13	7	7	1	0	0	0	0
June 2041	58	7	7	7	7	7	6	2	*	*	205	18	11	6	6	1	0	0	0	0
June 2042	11	4	4	4	4	4	4	2	*	*	212	13	9	5	5	1	0	0	0	0
June 2043	3	3	3	3	3	3	3	1	*	*	173	10	6	4	3	1	0	0	0	0
June 2044	2	2	2	2	2	2	2	1	*	*	126	6	4	2	2	1	0	0	0	0
June 2045	1	1	1	1	1	1	1	*	*	*	75	4	2	1	1	*	0	0	0	0
June 2046	*	*	*	*	*	*	*	*	*	*	25	1	1	*	*	*	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	24.3	17.2	17.2	17.2	17.2	17.2	16.5	14.1	8.9	6.4	27.4	19.3	17.1	11.8	9.0	2.7	2.1	1.6	0.9	0.7

Date	FT Class										Q, QG, IQ† and QH Classes									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	99	95	94	93	93	91	91	89	83	76	98	92	91	91	91	91	91	91	91	85
June 2019	98	89	87	84	83	80	78	74	61	49	96	83	80	80	80	80	80	80	65	48
June 2020	96	82	79	75	72	68	66	60	42	28	93	72	68	68	68	68	68	64	39	20
June 2021	95	75	71	66	63	57	55	48	29	16	91	63	57	57	57	57	57	48	21	3
June 2022	94	69	65	59	55	48	46	39	20	9	88	54	47	47	47	47	45	34	9	0
June 2023	92	63	58	52	48	41	38	31	14	5	85	45	38	38	38	38	34	24	*	0
June 2024	90	58	53	46	42	34	32	25	9	3	82	37	29	29	29	29	25	15	0	0
June 2025	89	53	47	40	36	29	26	20	6	2	79	29	22	22	22	22	18	9	0	0
June 2026	87	48	42	35	31	24	22	16	4	1	75	22	15	15	15	15	12	3	0	0
June 2027	85	44	38	31	27	20	18	12	3	1	72	15	10	10	10	10	7	0	0	0
June 2028	83	40	34	27	23	17	15	10	2	*	68	9	5	5	5	5	2	0	0	0
June 2029	80	36	30	24	20	14	12	8	1	*	64	2	1	1	1	1	0	0	0	0
June 2030	78	33	27	21	17	12	10	6	1	*	60	0	0	0	0	0	0	0	0	0
June 2031	75	29	24	18	15	10	8	5	1	*	55	0	0	0	0	0	0	0	0	0
June 2032	73	26	21	15	12	8	7	4	*	*	50	0	0	0	0	0	0	0	0	0
June 2033	70	23	18	13	10	7	5	3	*	*	45	0	0	0	0	0	0	0	0	0
June 2034	66	21	16	11	9	5	4	2	*	*	40	0	0	0	0	0	0	0	0	0
June 2035	63	18	14	9	7	4	3	2	*	*	34	0	0	0	0	0	0	0	0	0
June 2036	59	16	12	8	6	3	3	1	*	*	28	0	0	0	0	0	0	0	0	0
June 2037	56	14	10	7	5	3	2	1	*	*	22	0	0	0	0	0	0	0	0	0
June 2038	52	12	8	5	4	2	2	1	*	*	15	0	0	0	0	0	0	0	0	0
June 2039	47	10	7	4	3	2	1	1	*	*	8	0	0	0	0	0	0	0	0	0
June 2040	43	8	6	3	3	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0
June 2041	38	6	4	3	2	1	1	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2042	32	5	3	2	1	1	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2043	27	4	2	1	1	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2044	21	2	1	1	1	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2045	14	1	1	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2046	7	*	*	*	*	*	*	*	*	*	0	0	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	19.6	10.3	9.3	8.1	7.4	6.4	6.0	5.1	3.3	2.4	14.0	5.7	5.1	5.1	5.1	5.1	4.9	4.2	2.8	2.1

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

Date	P Class										PM Class									
	PSA Prepayment Assumption										PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2018	98	93	92	92	92	92	92	92	92	86	100	100	100	100	100	100	100	100	100	100
June 2019	96	84	81	81	81	81	81	81	67	51	100	100	100	100	100	100	100	100	100	100
June 2020	94	74	70	70	70	70	70	66	43	25	100	100	100	100	100	100	100	100	100	100
June 2021	91	65	60	60	60	60	60	51	26	10	100	100	100	100	100	100	100	100	100	100
June 2022	89	57	51	51	51	51	48	39	15	1	100	100	100	100	100	100	100	100	100	15
June 2023	86	49	42	42	42	42	39	29	7	0	100	100	100	100	100	100	100	100	100	98
June 2024	83	41	34	34	34	34	30	21	1	0	100	100	100	100	100	100	100	100	100	19
June 2025	80	34	27	27	27	27	23	15	0	0	100	100	100	100	100	100	100	100	100	0
June 2026	77	27	21	21	21	21	18	10	0	0	100	100	100	100	100	100	100	100	100	0
June 2027	74	21	16	16	16	16	13	5	0	0	100	100	100	100	100	100	100	100	82	0
June 2028	70	15	11	11	11	11	9	2	0	0	100	100	100	100	100	100	100	100	32	0
June 2029	66	9	8	8	8	8	5	0	0	0	100	100	100	100	100	100	80	0	0	0
June 2030	62	5	5	5	5	5	2	0	0	0	100	70	70	70	70	70	37	0	0	0
June 2031	58	2	2	2	2	2	*	0	0	0	100	31	31	31	31	31	2	0	0	0
June 2032	54	*	*	*	*	*	*	0	0	0	100	1	1	1	1	1	1	0	0	0
June 2033	49	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2034	44	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2035	39	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2036	33	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2037	27	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2038	21	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2039	14	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2040	7	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	0
June 2041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)**	14.6	6.3	5.7	5.7	5.7	5.7	5.4	4.6	3.0	2.3	23.5	13.6	13.6	13.6	13.6	13.6	12.8	10.7	6.6	4.7

Date	PL Class									
	PSA Prepayment Assumption									
	0%	100%	125%	158%	180%	225%	243%	300%	500%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100
June 2018	100	100	100	100	100	100	100	100	100	100
June 2019	100	100	100	100	100	100	100	100	100	100
June 2020	100	100	100	100	100	100	100	100	100	100
June 2021	100	100	100	100	100	100	100	100	100	100
June 2022	100	100	100	100	100	100	100	100	100	100
June 2023	100	100	100	100	100	100	100	100	100	62
June 2024	100	100	100	100	100	100	100	100	100	35
June 2025	100	100	100	100	100	100	100	100	76	20
June 2026	100	100	100	100	100	100	100	100	52	11
June 2027	100	100	100	100	100	100	100	100	35	6
June 2028	100	100	100	100	100	100	100	100	24	3
June 2029	100	100	100	100	100	100	100	95	16	2
June 2030	100	100	100	100	100	100	100	75	11	1
June 2031	100	100	100	100	100	100	100	59	7	1
June 2032	100	98	98	98	98	98	82	46	5	*
June 2033	100	81	81	81	81	81	67	36	3	*
June 2034	100	66	66	66	66	66	54	27	2	*
June 2035	100	53	53	53	53	53	43	21	1	*
June 2036	100	43	43	43	43	43	34	16	1	*
June 2037	100	34	34	34	34	34	27	12	1	*
June 2038	100	27	27	27	27	27	21	9	*	*
June 2039	100	21	21	21	21	21	16	7	*	*
June 2040	100	16	16	16	16	16	12	5	*	*
June 2041	92	11	11	11	11	11	9	3	*	*
June 2042	14	8	8	8	8	8	6	2	*	*
June 2043	5	5	5	5	5	5	4	1	*	*
June 2044	3	3	3	3	3	3	2	1	*	*
June 2045	1	1	1	1	1	1	1	*	*	*
June 2046	*	*	*	*	*	*	*	*	*	*
June 2047	0	0	0	0	0	0	0	0	0	0
Weighted Average										
Life (years)**	24.7	19.2	19.2	19.2	19.2	19.2	18.3	15.7	9.9	6.9

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

Characteristics of the Residual Class

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

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

CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

The Certificates and payments on the Certificates are not generally exempt from taxation. Therefore, you should consider the tax consequences of holding a Certificate before you acquire one. The tax discussions below 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 and the MBS 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.

The discussions under the captions “—REMIC Elections and Special Tax Attributes,” “—Taxation of Beneficial Owners of Regular Certificates” and “—Taxation of Beneficial Owners of Residual Certificates” supplement the discussion under the caption “Material Federal Income Tax Consequences” in the REMIC Prospectus. When read together, these discussions describe the current federal income tax treatment of beneficial owners of Certificates of the Group 1, Group 2, Group 3, Group 4, Group 5, Group 6 and Group 8 Classes and the Residual Class. For a discussion of the current federal income tax treatment of beneficial owners of Certificates of the Group 7 Classes, see “—Taxation of Beneficial Owners of Grantor Trust Certificates” below.

REMIC Election and Special Tax Attributes

We will make a REMIC election with respect to the REMIC set forth in the table under “Description of the Certificates—General—*Structure*.” The Regular Classes will be designated as “regular interests” and the Residual Class will be designated as the “residual interest” in the REMIC as set forth in that table. Thus, the Trust Certificates (other than the Group 7 Classes) and any related RCR Certificates generally will be treated as “regular or residual interests in a REMIC” for domestic building and loan associations, as “real estate assets” for real estate investment trusts, and, except for the Residual Class, as “qualified mortgages” for other REMICs. See “Material Federal Income Tax Consequences—REMIC Election and Special Tax Attributes” in the REMIC Prospectus.

Notwithstanding the foregoing, the Mortgage Loans backing the Group 1 MBS and Group 6 MBS have loan-to-value ratios at origination ranging from greater than 105% up to 125%. See “Description of the Certificates—The Fixed Rate MBS” in this prospectus supplement. A portion of the Group 1 and Group 6 Classes may not be treated as “real estate assets” within the meaning of section 856(c)(5)(B) of the Code. See “Material Federal Income Tax Consequences—Special Tax Attributes” in the MBS Prospectus dated June 1, 2016. Accordingly, special tax considerations may apply to a real estate investment trust that holds a REMIC Certificate of a Group 1 or Group 6 Class, and we may be obligated to provide additional information, pursuant to Regulations under section 6049 of the Code, on such Classes. 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 Classes 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	189% PSA
2	180% PSA
3	180% PSA
4	180% PSA
5	180% PSA
6	193% PSA
8	20% CPR

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

Taxation of Beneficial Owners of Residual Certificates

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

Taxation of the Grantor Trust

Dechert LLP, special tax counsel to Fannie Mae, will deliver its opinion that, assuming compliance with the Trust Agreement, the Grantor Trust will be classified as a grantor trust under subpart E, part I of subchapter J of the Code and not as an association taxable as a corporation. A beneficial owner of a Certificate of a Group 7 Class will be treated as owning an undivided interest in the related MBS, and those Classes will not be treated as regular or residual interests in a REMIC.

Taxation of Beneficial Owners of Grantor Trust Certificates

General. A beneficial owner of a Certificate of a Group 7 Class (each, a “Grantor Trust Certificate”) will be treated as owning, pursuant to section 1286 of the Code, “stripped bonds” to

the extent of its share of principal payments and “stripped coupons” to the extent of its share of interest payments, as applicable. See “—Stripped Bonds and Stripped Coupons” below for a discussion of the application of section 1286 to a beneficial owner’s share of principal and interest payments. Fannie Mae intends to treat each Grantor Trust Certificate as a single debt instrument representing rights to future cashflows from the related MBS for purposes of information reporting. You should consult your own tax advisor as to the proper treatment of a Grantor Trust Certificate in this regard.

Stripped Bonds and Stripped Coupons. Under section 1286 of the Code, a beneficial owner of a Grantor Trust Certificate must treat the stripped bonds and stripped coupons represented by the Certificate as a debt instrument originally issued on the date the owner acquires it and as having OID equal to the excess, if any, of the “stated redemption price at maturity” of the stripped bonds and stripped coupons over the price paid by the owner to acquire such stripped bonds and stripped coupons. The stated redemption price at maturity of stripped bonds and stripped coupons represented by a Grantor Trust Certificate generally is equal to the sum of all distributions to be made on the stripped bonds and stripped coupons represented by the Certificate. For information reporting purposes, we intend to treat all principal and interest to be distributed on each Grantor Trust Certificate as included in the stated redemption price at maturity and, as a result, each Grantor Trust Certificate will be treated as if issued with OID.

The beneficial owner of a Grantor Trust Certificate must include in its ordinary income for federal income tax purposes, generally in advance of receipt of the cash attributable to that income, the sum of the “daily portions” of OID on its Certificate for each day during its taxable year on which it held that Certificate. The daily portions of OID are determined as follows:

- First, the portion of OID that accrued during each “accrual period” is calculated;
- then, the OID accruing during an accrual period is allocated ratably to each day during the period to determine the daily portion of OID.

Final regulations issued by the Treasury Department relating to the tax treatment of debt instruments with OID (the “OID Regulations”) provide that a holder of a debt instrument may use an accrual period of any length, up to one year, as long as each distribution of principal or interest occurs on either the final day or the first day of an accrual period. We intend to report OID based on accrual periods of one month. Each of these accrual periods will begin on a Distribution Date and end on the day before the next Distribution Date.

Although the matter is not entirely clear, a beneficial owner of a Grantor Trust Certificate should determine the amount of OID accruing during any accrual period with respect to that Certificate using the method described in section 1272(a)(6) of the Code. Under section 1272(a)(6), the portion of OID treated as accruing with respect to a Grantor Trust Certificate for any accrual period equals the excess, if any, of

- the sum of (A) the present values of all the distributions of principal and interest remaining to be made on that Certificate, if any, as of the end of the accrual period; and (B) the distributions made on that Certificate during the accrual period of amounts included in the stated redemption price at maturity;

over

- the sum of the present values of all the distributions of principal and interest remaining to be made on that Certificate as of the beginning of the accrual period.

The present values of the remaining distributions of principal and interest with respect to a Grantor Trust Certificate are calculated based on the following:

- an assumption that the Mortgage Loans underlying the related MBS prepay at a specified rate (the “Prepayment Assumption”),

- the yield to maturity of the stripped bonds and stripped coupons backing the Certificate giving effect to the Prepayment Assumption,
- events (including actual prepayments) that have occurred prior to the end of the accrual period, and
- in the case of a Certificate bearing a variable rate of interest, an assumption that the value of the index upon which the variable rate is based remains the same as its value on the settlement date.

Each beneficial owner of a Grantor Trust Certificate must determine its yield to maturity based on its purchase price for the Certificate. For a particular beneficial owner of a Grantor Trust Certificate, it is not clear whether the Prepayment Assumption used for calculating OID would be one determined at the time that Certificate is acquired or would be the original Prepayment Assumption for that Certificate. For information reporting purposes, we will use the original yield to maturity of that Certificate, calculated based on the original Prepayment Assumption. You should consult your own tax advisor regarding the proper method for accruing OID on a Grantor Trust Certificate.

The Code requires that the Prepayment Assumption be determined in the manner prescribed in Treasury Regulations. To date, no such regulations have been promulgated. For information reporting purposes, we will assume a Prepayment Assumption equal to 159% PSA for the Mortgage Loans underlying the Group 7 MBS. We make no representation, however, that the related Mortgage Loans will prepay at that rate or at any other rate. You must make your own decision as to the appropriate prepayment assumption to be used in deciding whether or not to purchase a Grantor Trust Certificate.

If a Grantor Trust Certificate entitles the holder to payments of principal and interest, the IRS could contend that the interest payments on that Certificate should be treated as payments of “qualified stated interest” within the meaning of the OID Regulations. In that case, a beneficial owner would be required to include such payments in income, in accordance with its method of accounting, rather than to accrue OID with respect to such payments. If the beneficial owner in that case had acquired the Certificate for less than its principal amount, such beneficial owner generally would have market discount with respect to the Certificate. For a discussion of the market discount rules, see “Material Federal Income Tax Consequences—Application of Revenue Ruling 84-10—*Market Discount*” in the MBS Prospectus. Further, if the beneficial owner had purchased the Certificate for an amount (net of accrued interest) greater than the outstanding principal amount of the Certificate, the beneficial owner generally would have premium with respect to the Certificate in the amount of the excess. Such a purchaser may elect, under section 171(c)(2) of the Code, to treat the premium as “amortizable bond premium.”

If a beneficial owner makes this election, the beneficial owner must reduce the amount of any payment of qualified stated interest that must be included in the beneficial owner’s income for a period by the portion of the premium allocable to the period based on the Certificate’s yield to maturity. Correspondingly, the beneficial owner must reduce its basis in the Certificate by the amount of premium applied to reduce any interest income. The election will also apply to all bonds the interest on which is not excludible from gross income (“fully taxable bonds”) held by the beneficial owner at the beginning of the first taxable year to which the election applies and to all fully taxable bonds that it acquires after the beginning of that taxable year. A beneficial owner may revoke the election only with the consent of the IRS.

If a beneficial owner does not elect to amortize premium, (i) the beneficial owner must include the full amount of each payment of qualified stated interest in income, and (ii) the premium must be allocated to the principal distributions on the Certificate and, when each principal distribution is received, a loss equal to the premium allocated to that distribution will be recognized. Any tax benefit from the premium not previously recognized will be taken into account in computing gain or loss upon the sale or disposition of the Certificate.

Because we will treat all Grantor Trust Certificates as being issued with OID (and as not paying qualified stated interest) for information reporting purposes, you should consult your own tax advisors as to the proper treatment of a Grantor Trust Certificate in this regard.

Expenses of the Grantor Trust. Each beneficial owner of a Grantor Trust Certificate will be required to include in income its allocable share of the expenses paid by the Grantor Trust. Each beneficial owner of a Grantor Trust Certificate can deduct its allocable share of such expenses as provided in section 162 or section 212 of the Code, consistent with its method of accounting. Fannie Mae intends to allocate expenses to beneficial owners in each monthly period in proportion to the respective amounts of income (including any OID) accrued for each Grantor Trust Certificate. A beneficial owner's ability to deduct its share of these expenses is limited under section 67 of the Code in the case of (i) estates and trusts, and (ii) individuals owning an interest in a Grantor Trust Certificate directly or through an investment in a "pass-through entity" (other than in connection with such individual's trade or business). Pass-through entities include partnerships, S corporations, grantor trusts, certain limited liability companies and non-publicly offered regulated investment companies, but do not include estates, non-grantor trusts, cooperatives, real estate investment trusts and publicly offered regulated investment companies. Subject to limitations, such a beneficial owner can deduct its share of these costs only to the extent that these costs, when aggregated with certain of the beneficial owner's other miscellaneous itemized deductions, exceed 2% of the beneficial owner's adjusted gross income. For this purpose, an estate or nongrantor trust computes adjusted gross income in the same manner as in the case of an individual, except that deductions for administrative expenses of the estate or trust that would not have been incurred if the property were not held in the trust or estate are treated as allowable in arriving at adjusted gross income. In addition, section 68 of the Code may provide for certain limitations on certain itemized deductions otherwise allowable for a beneficial owner who is an individual. Further, a beneficial owner may not be able to deduct any portion of these costs in computing its alternative minimum tax liability.

Sales and Other Dispositions of Grantor Trust Certificates. Upon the sale, exchange or other disposition of a Grantor Trust Certificate, a beneficial owner generally will recognize gain or loss equal to the difference between the amount realized upon the disposition and the beneficial owner's adjusted basis in that Certificate. The adjusted basis of a Grantor Trust Certificate generally will equal the cost of that Certificate to the beneficial owner, increased by any amounts of OID and market discount included in the beneficial owner's gross income with respect to that Certificate, and reduced (but not below zero) by distributions on that Certificate previously received by the beneficial owner as principal (or as amounts constituting stated redemption price at maturity) and by any premium that has reduced the beneficial owner's interest income with respect to that Certificate. Any such gain or loss generally will be capital gain or loss, except (i) as provided in section 582(c) of the Code (which generally applies to banks) or (ii) to the extent any gain represents OID or accrued market discount not previously included in income (to which extent such gain would be treated as ordinary income). Any capital gain (or loss) recognized upon the sale, exchange or other disposition of a Grantor Trust Certificate will be long-term capital gain (or loss) if at the time of disposition the beneficial owner held that Certificate for more than one year. The ability to deduct capital losses is subject to limitations.

Special Tax Attributes. Several sections of the Code provide beneficial treatment to certain taxpayers that invest in mortgage loans of the type that back or comprise the Grantor Trust Certificates. With respect to these Code sections, no specific legal authority exists regarding whether the character of the Grantor Trust Certificates will be the same as that of the mortgage loans that back or comprise the related MBS. Although the characterization of the Grantor Trust Certificates for these purposes is not entirely clear, to the extent that a Mortgage Loan underlying the related MBS has a loan-to-value ratio in excess of 100% (that is, the principal balance of the mortgage loan exceeds the fair market value of the real property securing the loan), the interest income on the portion of the Mortgage Loan in excess of the value of the real property will not be interest on obligations secured by

mortgages on real property within the meaning of section 856(c)(3)(B) of the Code and such excess portion will not be a real estate asset within the meaning of section 856(c)(5)(B) of the Code. The excess portion should represent a “Government security” within the meaning of section 856(c)(4)(A) of the Code. A holder of a Grantor Trust Certificate that is a real estate investment trust should consult its tax advisor concerning the treatment of such excess portion.

It is not certain whether or to what extent a mortgage loan with a loan-to-value ratio in excess of 100% qualifies as a loan secured by an interest in real property for purposes of section 7701(a)(19)(C)(v) of the Code. Even if the property securing the mortgage loan does not meet this test, the certificates will be treated as “obligations of a corporation which is an instrumentality of the United States” within the meaning of section 7701(a)(19)(C)(ii) of the Code. Thus, a Grantor Trust Certificate will be a qualifying asset for a domestic building and loan association.

A mortgage loan with a loan-to-value ratio in excess of 125% is not a “qualified mortgage” within the meaning of section 860G(a)(3) of the Code. Accordingly, a Grantor Trust Certificate will not be an eligible asset for a REMIC. For a discussion of the special tax characteristics of certain types of mortgage loans, see “Material Federal Income Tax Consequences—Special Tax Attributes” in the MBS Prospectus.

Information Reporting and Backup Withholding for Grantor Trust Certificates. For each distribution, we will post on our Corporate Web site information that will allow beneficial owners to determine (i) the portion of such distribution allocable to principal and to interest, (ii) the amount, if any, of OID and market discount and (iii) the administrative expenses allocable to such distribution.

Payments of interest and principal, as well as payments of proceeds from the sale of the Grantor Trust Certificates, may be subject to the backup withholding tax under section 3406 of the Code if the recipient of the payment is not an exempt recipient and fails to furnish certain information, including its taxpayer identification number, to us or our agent, or otherwise fails to establish an exemption from such tax. Any amounts deducted and withheld from such a payment would be allowed as a credit against the beneficial owner’s federal income tax. Furthermore, certain penalties may be imposed by the IRS on a holder or owner who is required to supply information but who does not do so in the proper manner.

Foreign Investors in Grantor Trust Certificates. Additional rules apply to a beneficial owner of a Grantor Trust Certificate that is not a U.S. Person and that is not a partnership (a “Non-U.S. Person”). “U.S. Person” means a citizen or resident of the United States, a corporation (or other entity taxable as a corporation) created or organized in or under the laws of the United States or any state thereof or the District of Columbia, an estate the income of which is subject to U.S. federal income tax regardless of the source of its income, or a trust if a court within the United States can exercise primary supervision over its administration and at least one U.S. Person has the authority to control all substantial decisions of the trust.

Payments on a Grantor Trust Certificate made to, or on behalf of, a beneficial owner that is a Non-U.S. Person generally will be exempt from U.S. federal income and withholding taxes, provided the following conditions are satisfied:

- the beneficial owner does not hold the Certificate in connection with its conduct of a trade or business in the United States;
- the beneficial owner is not, with respect to the United States, a personal holding company or a corporation that accumulates earnings in order to avoid U.S. federal income tax;
- the beneficial owner is not a U.S. expatriate or former U.S. resident who is taxable in the manner provided in section 877(b) of the Code;
- the beneficial owner is not an excluded person (i.e., a 10-percent shareholder of Fannie Mae within the meaning of section 871(h)(3)(B) of the Code or a controlled foreign corporation related to Fannie Mae within the meaning of section 881(c)(3)(C) of the Code);

- the beneficial owner signs a statement under penalties of perjury certifying that it is a Non-U.S. Person and provides its name, address and taxpayer identification number (a “Non-U.S. Beneficial Owner Statement”);
- the last U.S. Person in the chain of payment to the beneficial owner (the withholding agent) receives such Non-U.S. Beneficial Ownership Statement from the beneficial owner or a financial institution holding on behalf of the beneficial owner and does not have actual knowledge that such statement is false; and
- the Certificate represents an undivided interest in a pool of mortgage loans all of which were originated after July 18, 1984.

That portion of interest income of a beneficial owner who is a Non-U.S. Person on a Certificate that represents an interest in one or more mortgage loans originated before July 19, 1984 will be subject to a U.S. withholding tax at the rate of 30 percent or lower treaty rate, if applicable. Regardless of the date of origination of the mortgage loans, backup withholding will not apply to payments made to a beneficial owner that is a Non-U.S. Person if the beneficial owner or a financial institution holding on behalf of the beneficial owner provides a Non-U.S. Beneficial Ownership Statement to the withholding agent. A Non-U.S. Beneficial Ownership Statement may be made on an IRS Form W-8BEN or W-8BEN-E or a substantially similar substitute form. The beneficial owner or financial institution holding on behalf of the beneficial owner must inform the withholding agent of any change in the information on the statement within 30 days of such change.

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 HP, LH, CZ, FT, Q, P, PM, PL, OA and OY Classes are Classes of Combination RCR Certificates. The remaining RCR Classes are Classes of Strip RCR Certificates. See “Material Federal Income Tax Consequences—Taxation of Beneficial Owners of RCR Certificates” in the REMIC Prospectus for a general discussion of the federal income tax treatment of beneficial owners of RCR Certificates.

Tax Audit Procedures

The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a REMIC’s tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC, appoints one person to act as its sole representative in connection with IRS audits and related procedures. In the case of a REMIC, the representative’s actions, including the representative’s agreeing to adjustments to taxable income, will bind Residual Owners to a greater degree than would actions of the tax matters partner (“TMP”) under current rules. See “*Material Federal Income Tax Consequences—Reporting and Other Administrative Matters*” in the REMIC Prospectus for a discussion of the TMP. Further, an adjustment to the REMIC’s taxable income following an IRS audit may have to be taken into account by those Residual Owners in the year in which the adjustment is made rather than in the

year to which the adjustment relates, and otherwise in different and potentially less advantageous ways than under current rules. In some cases, a REMIC could itself be liable for taxes on income adjustments, although it is anticipated that each REMIC will seek to follow procedures in the new rules to avoid entity-level liability to the extent it otherwise may be imposed. The new rules, which will apply to both existing and future REMICs, are complex and likely will be clarified and possibly revised before going into effect. Residual Owners should discuss with their own tax advisors the possible effect of the new rules on them.

Foreign Investors

Beginning on January 1, 2019, a 30-percent United States withholding tax (“FATCA withholding”) will apply to gross proceeds from the sale or other disposition of a Regular Certificate or Grantor Trust 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 or Grantor Trust Certificate paid to such persons. Various exceptions may apply. You should consult your own tax advisor regarding the potential application and impact of this withholding tax based on your particular circumstances. See “Material Federal Income Tax Consequences—Foreign Investors” in the REMIC Prospectus.

ADDITIONAL ERISA CONSIDERATIONS

The following discussion supplements the discussion under “ERISA Considerations” in the REMIC Prospectus regarding important considerations for investors subject to ERISA or section 4975 of the Code. None of Fannie Mae, the Dealer or any of their respective affiliates (collectively, the “Transaction Parties”) is undertaking to provide impartial investment advice, or to give advice in a fiduciary capacity, in connection with the acquisition of Certificates by any “plan.” In addition, each beneficial owner of Certificates or any interest therein that is a plan, including any fiduciary purchasing the Certificates on behalf of a plan (“Plan Fiduciary”), will be deemed by its acquisition of the Certificates to represent that:

1. None of the Transaction Parties has provided, and none will provide, advice with respect to the acquisition of the Certificates by the plan, other than to a Plan Fiduciary that is independent of the Transaction Parties and that is one of the following:
 - a bank as defined in Section 202 of the Investment Advisers Act of 1940 (the “Advisers Act”), or a similar institution that is regulated and supervised and subject to periodic examination by a State or federal agency;
 - an insurance carrier that is qualified under the laws of more than one State to perform the services of managing, acquiring or disposing of assets of a plan;
 - an investment adviser registered under the Advisers Act or, if not registered as an investment adviser under the Advisers Act by reason of paragraph (1) of Section 203A of the Advisers Act, registered as an investment adviser under the laws of the State in which it maintains its principal office and place of business;
 - a broker-dealer registered under the Exchange Act; or
 - a fiduciary that, for so long as the plan is invested in the Certificates, will have total assets of at least \$50,000,000 under its management or control (provided that this requirement will not be satisfied if the Plan Fiduciary is either (i) the owner or a relative of the owner of an investing IRA or (ii) a participant or beneficiary or a relative of such participant or beneficiary of the plan investing in the Certificates in such capacity).

2. The Plan Fiduciary is capable of evaluating investment risks independently, both in general and with respect to particular transactions and investment strategies, including the acquisition by the plan of the Certificates.
3. The Plan Fiduciary is a “fiduciary” with respect to the plan within the meaning of section 3(21) of ERISA or section 4975 of the Code, or both, and is responsible for exercising independent judgment in evaluating the plan’s acquisition of the Certificates.
4. None of the Transaction Parties has exercised any authority to cause the plan to invest in the Certificates or to negotiate the terms of the plan’s investment in the Certificates.
5. The Plan Fiduciary has been informed by the Transaction Parties:
 - that none of the Transaction Parties is undertaking to provide impartial investment advice or to give advice in a fiduciary capacity in connection with the plan’s acquisition of the Certificates; and
 - of the existence and nature of the Transaction Parties’ financial interests in the plan’s acquisition of the Certificates.

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

PLAN OF DISTRIBUTION

We are obligated to deliver the Certificates to J.P. Morgan Securities 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.

CREDIT RISK RETENTION

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

LEGAL MATTERS

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

Exhibit A

Assumed Characteristics of the Mortgage Loans Underlying the Group 8 MBS
(As of June 1, 2017)

	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**
\$	328,298.09	3.084	3.759	360	71	289	3.006	***	2.000	13.3272	3.006	7	12	12	N/A	1-YEAR CMT
	343,392.90	2.906	3.554	360	75	285	2.812	***	2.000	11.0473	2.812	7	12	12	N/A	1-YEAR CMT
	274,164.96	2.722	3.357	359	47	313	2.702	***	2.000	13.5858	2.702	6	12	12	N/A	1-YEAR CMT
	349,120.04	2.893	3.507	360	58	302	2.762	***	2.000	13.5860	2.762	7	12	12	N/A	1-YEAR CMT
	1,107,455.14	2.944	3.445	360	70	290	2.730	***	2.000	11.6043	2.730	6	12	12	N/A	1-YEAR CMT
	75,375.88	2.835	3.375	360	150	210	2.750	***	2.000	13.4262	2.750	6	12	12	N/A	1-YEAR CMT
	51,560.78	2.846	3.341	360	134	226	2.750	***	2.000	11.4331	2.750	3	12	12	N/A	1-YEAR CMT
	418,803.53	2.888	3.528	360	85	275	2.813	***	2.000	11.4356	2.813	7	12	12	N/A	1-YEAR CMT
	55,421.60	2.763	3.353	360	141	219	2.762	***	2.000	12.5213	2.762	3	12	12	N/A	1-YEAR CMT
	44,692.88	2.705	3.250	360	147	213	2.750	***	2.000	13.3750	2.750	3	12	12	N/A	1-YEAR CMT
	50,446.66	3.031	3.589	360	133	227	2.803	***	2.000	12.4968	2.803	7	12	12	N/A	1-YEAR CMT
	25,491.95	2.916	3.495	360	175	185	2.750	***	2.000	11.8380	2.750	7	12	12	N/A	1-YEAR CMT
	201,965.21	3.247	3.750	360	179	181	2.750	***	2.000	11.6989	2.750	11	12	12	N/A	1-YEAR CMT
	92,920.52	3.132	3.715	360	179	181	2.768	***	2.000	10.9293	2.768	11	12	12	N/A	1-YEAR CMT
	353,868.57	2.868	3.448	360	180	180	2.750	***	2.000	10.5714	2.750	5	12	12	N/A	1-YEAR CMT
	594,255.02	3.158	3.757	360	184	176	2.256	***	2.000	10.9927	2.256	5	12	12	N/A	WSJ 1-YEAR LIBOR
	213,711.09	3.168	3.702	360	182	178	2.250	***	2.000	10.3761	2.250	4	12	12	N/A	WSJ 1-YEAR LIBOR
	358,865.02	2.986	3.504	360	177	183	2.750	***	2.000	11.4477	2.750	6	12	12	N/A	1-YEAR CMT
	316,035.28	2.822	3.464	361	162	199	2.764	***	2.000	11.3289	2.764	6	12	12	N/A	1-YEAR CMT
	65,014.14	2.732	3.267	360	146	214	2.750	***	2.000	12.8637	2.750	2	12	12	N/A	1-YEAR CMT
	52,049.07	2.785	3.375	360	146	214	2.750	***	2.000	11.7500	2.750	2	12	12	N/A	1-YEAR CMT
	21,940.69	3.152	3.750	360	168	192	2.750	***	2.000	12.1250	2.750	12	12	12	N/A	1-YEAR CMT
	20,419.75	2.862	3.397	360	139	221	2.750	***	2.000	12.1864	2.750	5	12	12	N/A	1-YEAR CMT
	75,651.97	2.760	3.300	360	172	188	2.750	***	2.000	11.3253	2.750	4	12	12	N/A	1-YEAR CMT
	49,101.45	2.835	3.375	360	174	186	2.750	***	2.000	10.5000	2.750	6	12	12	N/A	1-YEAR CMT
	140,277.10	3.316	3.875	360	175	185	2.250	***	2.000	11.3146	2.250	7	12	12	N/A	WSJ 1-YEAR LIBOR
	84,253.85	3.116	3.664	360	174	186	3.000	***	2.000	12.2028	3.000	6	12	12	N/A	1-YEAR CMT
	112,036.87	2.875	3.500	360	178	182	2.750	***	2.000	11.3362	2.750	10	12	12	N/A	1-YEAR CMT
	145,281.49	3.278	4.000	360	177	183	2.250	***	2.000	12.1557	2.250	9	12	12	N/A	WSJ 1-YEAR LIBOR
	125,705.47	3.432	4.000	360	178	182	2.250	***	2.000	11.0807	2.250	10	12	12	N/A	WSJ 1-YEAR LIBOR
	103,436.01	3.000	3.500	360	181	179	2.250	***	2.000	10.8750	2.250	1	12	12	N/A	WSJ 1-YEAR LIBOR
	52,065.13	3.354	4.000	360	179	181	2.250	***	2.000	11.4956	2.250	11	12	12	N/A	WSJ 1-YEAR LIBOR
	269,600.13	3.371	3.906	360	178	182	2.932	***	2.000	12.3307	2.932	10	12	12	N/A	1-YEAR CMT
	49,402.91	2.915	3.375	360	182	178	2.750	***	2.000	10.8750	2.750	2	12	12	N/A	1-YEAR CMT
	58,631.83	2.967	3.625	360	181	179	2.250	***	2.000	12.0000	2.250	1	12	12	N/A	WSJ 1-YEAR LIBOR
	23,600.59	2.965	3.500	360	178	182	2.750	***	2.000	12.0000	2.750	10	12	12	N/A	1-YEAR CMT
	109,214.66	2.505	3.250	360	181	179	2.750	***	2.000	10.7500	2.750	1	12	12	N/A	1-YEAR CMT
	17,430.45	2.978	3.500	360	182	178	2.250	***	2.000	11.3750	2.250	2	12	12	N/A	WSJ 1-YEAR LIBOR
	334,883.52	3.035	4.125	360	188	172	2.750	***	1.000	11.8237	2.750	2	6	6	N/A	WSJ 6-MONTH LIBOR
	79,965.85	3.375	4.000	360	184	176	2.500	***	2.000	10.1250	2.500	4	12	12	N/A	WSJ 1-YEAR LIBOR
	352,474.23	3.227	3.875	360	186	174	2.250	***	2.000	10.6686	2.250	6	12	12	N/A	WSJ 1-YEAR LIBOR
	122,801.80	2.835	3.375	360	185	175	2.750	***	2.000	10.2179	2.750	5	12	12	N/A	1-YEAR CMT
	132,055.00	2.663	3.413	360	186	174	2.750	***	2.000	10.2503	2.750	6	12	12	N/A	1-YEAR CMT
	344,213.81	2.840	3.375	360	186	174	2.750	***	2.000	10.7550	2.750	6	12	12	N/A	1-YEAR CMT
	190,482.93	2.837	3.632	360	186	174	3.007	***	2.000	10.4651	3.007	6	12	12	N/A	1-YEAR CMT
	366,430.18	3.425	3.875	360	187	173	2.250	***	2.000	10.1949	2.250	7	12	12	N/A	WSJ 1-YEAR LIBOR
	176,550.82	2.783	3.398	360	186	174	2.750	***	2.000	11.6054	2.750	6	12	12	N/A	1-YEAR CMT

	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**
\$	156,280.17	3.020	4.004	360	188	172	2.379	***	2.000	10.8483	2.379	8	12	12	N/A	WSJ 1-YEAR LIBOR
	78,744.68	3.352	3.937	360	188	172	2.250	***	2.000	10.3759	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
	529,674.00	3.297	3.904	360	188	172	2.250	***	2.000	10.6450	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
	137,855.80	3.375	4.000	360	190	170	2.250	***	2.000	9.7151	2.250	10	12	12	N/A	WSJ 1-YEAR LIBOR
	156,965.60	3.625	4.250	360	188	172	2.500	***	2.000	9.2896	2.500	8	12	12	N/A	WSJ 1-YEAR LIBOR
	120,676.14	3.246	4.000	360	189	171	2.250	***	2.000	9.9161	2.250	9	12	12	N/A	WSJ 1-YEAR LIBOR
	361,754.61	3.256	3.990	360	189	171	2.250	***	2.000	10.1142	2.250	9	12	12	N/A	WSJ 1-YEAR LIBOR
	234,136.40	3.395	4.000	360	189	171	2.250	***	2.000	11.2500	2.250	9	12	12	0	WSJ 1-YEAR LIBOR
	340,268.61	2.981	3.625	360	189	171	2.750	***	2.000	10.9206	2.750	9	12	12	N/A	1-YEAR CMT
	232,155.00	3.148	3.625	360	189	171	2.750	***	2.000	10.1839	2.750	9	12	12	N/A	1-YEAR CMT
	725,491.23	3.391	3.959	360	187	173	2.306	***	2.000	10.2810	2.306	7	12	12	N/A	WSJ 1-YEAR LIBOR
	76,745.52	3.355	4.000	360	188	172	2.250	***	2.000	10.4642	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
	57,245.52	2.979	3.625	360	189	171	2.750	***	2.000	10.0839	2.750	9	12	12	N/A	1-YEAR CMT
	59,559.22	3.038	3.750	360	192	168	2.750	***	2.000	10.4095	2.750	11	12	12	N/A	1-YEAR CMT
	1,281,718.28	3.520	4.105	360	191	169	2.250	***	2.000	10.3583	2.250	11	12	12	N/A	WSJ 1-YEAR LIBOR
	2,130,087.04	2.808	3.357	360	202	158	2.750	***	2.000	10.2375	2.750	5	12	12	N/A	1-YEAR CMT
	625,865.32	2.767	3.369	360	208	152	2.821	***	2.000	11.0648	2.821	4	12	12	N/A	1-YEAR CMT
	625,274.08	2.988	3.711	360	196	164	2.250	***	2.000	10.4871	2.250	4	12	12	N/A	WSJ 1-YEAR LIBOR
	263,209.45	3.119	3.738	360	196	164	2.320	***	2.000	9.8333	2.320	4	12	12	N/A	WSJ 1-YEAR LIBOR
	937,224.17	2.888	3.408	360	196	164	2.750	***	2.000	10.4539	2.750	6	12	12	N/A	1-YEAR CMT
	453,122.56	2.289	3.469	360	198	162	2.750	***	2.000	11.9438	2.750	6	12	12	N/A	1-YEAR CMT
	262,642.50	2.797	3.422	360	204	156	2.750	***	2.000	10.5379	2.750	5	12	12	N/A	1-YEAR CMT
	204,384.44	3.205	3.750	360	204	156	2.750	***	2.000	9.7227	2.750	12	12	12	0	1-YEAR CMT
	518,141.90	3.133	3.750	360	204	156	2.750	***	2.000	10.6830	2.750	12	12	12	N/A	1-YEAR CMT
	234,757.10	2.501	3.250	360	207	153	2.750	***	2.000	10.5265	2.750	3	12	12	N/A	1-YEAR CMT
	316,224.80	3.174	3.805	360	209	151	2.250	***	2.000	10.7197	2.250	5	12	12	0	WSJ 1-YEAR LIBOR
	571,042.13	2.915	3.500	360	205	155	2.250	***	2.000	10.7314	2.250	1	12	12	N/A	WSJ 1-YEAR LIBOR
	639,894.54	3.388	4.000	360	204	156	2.250	***	2.000	10.6814	2.250	12	12	12	N/A	WSJ 1-YEAR LIBOR
	456,823.30	3.031	3.625	360	205	155	2.250	***	2.000	11.3250	2.250	1	12	12	N/A	WSJ 1-YEAR LIBOR
	551,059.01	3.552	4.150	360	204	156	2.375	***	2.000	10.8373	2.375	12	12	12	N/A	WSJ 1-YEAR LIBOR
	671,321.52	2.997	3.452	360	205	155	2.750	***	2.000	10.4791	2.750	5	12	12	N/A	1-YEAR CMT
	1,142,733.90	2.888	3.684	360	206	154	2.250	***	2.000	10.4303	2.250	5	12	12	N/A	WSJ 1-YEAR LIBOR
	647,966.11	2.698	3.250	360	207	153	2.750	***	2.000	10.9175	2.750	3	12	12	0	1-YEAR CMT
	387,353.53	2.808	3.361	360	209	151	2.750	***	2.000	10.5558	2.750	5	12	12	0	1-YEAR CMT
	343,924.94	3.363	3.875	360	211	149	2.250	***	2.000	11.2780	2.250	7	12	12	N/A	WSJ 1-YEAR LIBOR
	563,267.82	3.150	3.750	360	209	151	2.250	***	2.000	10.5993	2.250	5	12	12	0	WSJ 1-YEAR LIBOR
	830,873.83	3.681	4.149	360	217	143	2.875	***	2.000	10.5000	2.875	1	12	12	0	WSJ 1-YEAR LIBOR
	40,152.91	3.162	3.805	360	221	139	2.250	***	2.000	10.9648	2.250	5	12	12	N/A	WSJ 1-YEAR LIBOR
	7,858,891.86	3.280	3.660	360	193	166	2.252	***	2.000	9.2674	2.252	4	12	12	N/A	WSJ 1-YEAR LIBOR
	122,957.81	3.135	3.500	360	230	130	2.875	***	2.000	11.3750	2.875	2	12	12	N/A	1-YEAR CMT
	433,266.21	3.159	3.764	360	218	142	2.250	***	2.000	10.6131	2.250	6	12	12	0	WSJ 1-YEAR LIBOR
	528,275.16	3.436	4.000	360	248	112	2.250	***	2.000	10.6581	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
	113,953.19	3.530	4.000	360	264	96	2.250	***	2.000	9.3750	2.250	12	12	12	24	WSJ 1-YEAR LIBOR
	2,039,613.18	3.105	3.749	360	193	167	2.250	***	2.000	9.9004	2.250	6	12	12	N/A	WSJ 1-YEAR LIBOR
	1,437,236.82	3.191	3.876	360	215	145	2.376	***	2.000	10.0611	2.376	5	12	12	N/A	WSJ 1-YEAR LIBOR
	384,390.46	3.461	3.876	360	264	96	2.250	***	2.000	9.6418	2.250	8	12	12	N/A	WSJ 1-YEAR LIBOR
	100,500.28	3.085	3.500	360	265	95	2.250	***	2.000	9.8750	2.250	1	12	12	N/A	WSJ 1-YEAR LIBOR
	2,329,713.42	3.307	3.851	359	200	159	2.304	***	2.000	10.3606	2.304	6	12	12	N/A	WSJ 1-YEAR LIBOR
	1,551,760.06	3.157	3.767	360	212	148	2.267	***	2.000	10.5185	2.267	5	12	12	N/A	WSJ 1-YEAR LIBOR
	2,164,754.82	3.362	3.957	360	198	162	2.362	***	2.000	10.7882	2.362	7	12	12	N/A	WSJ 1-YEAR LIBOR
	2,618,782.09	3.125	3.823	360	205	155	2.448	***	2.000	9.9795	2.448	4	12	12	N/A	WSJ 1-YEAR LIBOR
	3,707,954.81	3.349	3.930	359	200	159	2.250	***	2.000	10.1369	2.250	9	12	12	N/A	WSJ 1-YEAR LIBOR
	868,484.72	3.282	3.784	360	201	159	2.251	***	2.000	9.7480	2.251	6	12	12	N/A	WSJ 1-YEAR LIBOR
	1,792,257.13	2.989	3.578	360	201	159	2.746	***	2.000	10.4404	2.746	9	12	12	N/A	1-YEAR CMT
	5,494,648.10	3.417	4.037	360	203	157	2.285	***	2.000	10.7677	2.285	9	12	12	0	WSJ 1-YEAR LIBOR
	13,823,108.00	3.285	3.846	359	203	156	2.285	***	2.000	10.1002	2.285	7	12	12	0	WSJ 1-YEAR 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>
\$43,866,808.81	3.473	4.002	360	218	142	2.447	***	2.000	10.9404	2.447	6	12	12	N/A	WSJ 1-YEAR LIBOR
49,771,068.49	2.953	3.472	360	198	162	2.789	***	2.000	10.1397	2.789	6	12	12	N/A	1-YEAR CMT

* 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 (As of June 1, 2017)

The Pool Numbers of the adjustable-rate MBS expected to be included in the Trust are listed below.

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
313916	\$ 328,298.09
323847	343,392.90
356511	274,164.96
422252	349,120.04
501273	1,107,455.14
521640	75,375.88
526452	51,560.78
535230	418,803.53
535240	55,421.60
535355	44,692.88
535612	50,446.66
545457	25,491.95
545744	201,965.21
545840	92,920.52
545870	353,868.57
555112	594,255.02
555675	213,711.09
555841	358,865.02
555842	316,035.28
577848	65,014.14
591169	52,049.07
592743	21,940.69
606116	20,419.75
612424	75,651.97
612426	49,101.45
617529	140,277.10
626396	84,253.85
629133	112,036.87
635758	145,281.49
636415	125,705.47
644242	103,436.01
645303	52,065.13

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
646667	\$ 269,600.13
649435	49,402.91
651698	58,631.83
652987	23,600.59
655822	109,214.66
656004	17,430.45
670227	334,883.52
670651	79,965.85
677176	352,474.23
680007	122,801.80
681767	132,055.00
683608	344,213.81
685500	190,482.93
685557	366,430.18
685938	176,550.82
688148	156,280.17
688200	78,744.68
688679	529,674.00
689018	137,855.80
693300	156,965.60
694521	120,676.14
694698	361,754.61
694700	234,136.40
694960	340,268.61
696062	232,155.00
697679	725,491.23
701294	76,745.52
704219	57,245.52
709424	59,559.22
712303	1,281,718.28
725964	2,130,087.04
735131	625,865.32
743335	625,274.08
743506	263,209.45
756131	937,224.17
762315	453,122.56
773592	262,642.50
776385	204,384.44
779461	518,141.90
781548	234,757.10
781575	316,224.80
785310	571,042.13
786065	639,894.54
786211	456,823.30
787803	551,059.01
788161	671,321.52
790649	1,142,733.90
791567	647,966.11
802854	387,353.53
809587	343,924.94
813183	563,267.82
825696	830,873.83
844773	40,152.91
879906	7,858,891.86

<u>Pool Number</u>	<u>Issue Date Unpaid Principal Balance</u>
886884	\$ 122,957.81
917291	433,266.21
961805	528,275.16
993433	113,953.19
995645	2,039,613.18
AA3512	1,437,236.82
AA8583	384,390.46
AC1299	100,500.28
AD0078	2,329,713.42
AD0405	1,551,760.06
AD0551	2,164,754.82
AE0554	2,618,782.09
AL0221	3,707,954.81
AL2913	868,484.72
AL2958	1,792,257.13
AL3420	5,494,648.10
AL5553	13,823,108.00
AL8982	43,866,808.81
AL9805	49,771,068.49

Schedule 1

Available Recombinations(1)

<u>Trust Certificates</u>		<u>RCR Certificates</u>						
<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								
AK	\$ 72,372,341	A	\$ 72,372,341	PT	2.000%	FIX	3136AXEA9	July 2032
		IO	24,124,113(3)	NTL	3.000	FIX/IO	3136AXEF8	July 2032
Recombination 2								
AK	72,372,341	AC	72,372,341	PT	2.250	FIX	3136AXEB7	July 2032
		IO	18,093,085(3)	NTL	3.000	FIX/IO	3136AXEF8	July 2032
Recombination 3								
AK	72,372,341	AD	72,372,341	PT	2.375	FIX	3136AXEC5	July 2032
		IO	15,077,571(3)	NTL	3.000	FIX/IO	3136AXEF8	July 2032
Recombination 4								
AK	72,372,341	AE	72,372,341	PT	2.500	FIX	3136AXED3	July 2032
		IO	12,062,056(3)	NTL	3.000	FIX/IO	3136AXEF8	July 2032
Recombination 5								
AK	72,372,341	AH	72,372,341	PT	2.750	FIX	3136AXEE1	July 2032
		IO	6,031,028(3)	NTL	3.000	FIX/IO	3136AXEF8	July 2032
Recombination 6								
UP	146,353,000	QP	146,353,000	PAC/AD	2.500	FIX	3136AXEH4	August 2044
		IU	18,294,125(3)	NTL	4.000	FIX/IO	3136AXEK7	August 2044
Recombination 7								
UP	146,353,000	TP	146,353,000	PAC/AD	2.750	FIX	3136AXEJ0	August 2044
		IU	9,147,062(3)	NTL	4.000	FIX/IO	3136AXEK7	August 2044
Recombination 8								
UP	146,353,000	HP	157,547,000	PAC/AD	3.000	FIX	3136AXEG6	July 2045
UM	11,194,000							
Recombination 9								
AP	110,189,143	BP	110,189,143	PAC/AD	2.000	FIX	3136AXEL5	February 2045
		IP	27,547,285(3)	NTL	4.000	FIX/IO	3136AXER2	February 2045

Trust 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 10								
AP	\$110,189,143	CP	\$110,189,143	PAC/AD	2.250%	FIX	3136AXEM3	February 2045
		IP	20,660,464(3)	NTL	4.000	FIX/IO	3136AXER2	February 2045
Recombination 11								
AP	110,189,143	DP	110,189,143	PAC/AD	2.500	FIX	3136AXEN1	February 2045
		IP	13,773,642(3)	NTL	4.000	FIX/IO	3136AXER2	February 2045
Recombination 12								
AP	110,189,143	EP	110,189,143	PAC/AD	2.750	FIX	3136AXEP6	February 2045
		IP	6,886,821(3)	NTL	4.000	FIX/IO	3136AXER2	February 2045
Recombination 13								
AP	110,189,143	GP	73,459,428	PAC/AD	3.500	FIX	3136AXEQ4	February 2045
		BP	36,729,715	PAC/AD	2.000	FIX	3136AXEL5	February 2045
Recombination 14								
LP	22,354,697	LH(4)	48,354,697	PAC/AD	3.000	FIX	3136AXES0	July 2047
HL	26,000,000							
Recombination 15								
QA	135,652,000	QB	135,652,000	PAC/AD	2.500	FIX	3136AXET8	May 2045
		QI	16,956,500(3)	NTL	4.000	FIX/IO	3136AXEV3	May 2045
Recombination 16								
QA	135,652,000	QC	135,652,000	PAC/AD	2.750	FIX	3136AXEU5	May 2045
		QI	8,478,250(3)	NTL	4.000	FIX/IO	3136AXEV3	May 2045
Recombination 17								
MA	51,818,355	MB	51,818,355	PAC/AD	2.500	FIX	3136AXEW1	May 2045
		MI	6,477,294(3)	NTL	4.000	FIX/IO	3136AXEY7	May 2045
Recombination 18								
MA	51,818,355	MC	51,818,355	PAC/AD	2.750	FIX	3136AXEX9	May 2045
		MI	3,238,647(3)	NTL	4.000	FIX/IO	3136AXEY7	May 2045
Recombination 19								
AZ	23,010,526	CZ(4)	80,000,000	SUP/AD	3.000	FIX/Z	3136AXEZ4	July 2047
BZ	23,061,683							
DZ	23,278,114							
ZN	10,649,677							

Trust 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 20								
FA	\$ 62,242,208	FT(4)	\$166,262,807	PT	(5)	FLT	3136AXFA8	July 2047
FN	75,289,129							
NF	28,731,470							
Recombination 21								
QA	135,652,000	Q(4)	187,470,355	PAC/AD	3.000%	FIX	3136AXFB6	May 2045
MA	51,818,355							
Recombination 22								
QA	135,652,000	QG(4)	187,470,355	PAC/AD	2.500	FIX	3136AXFC4	May 2045
MA	51,818,355	IQ(4)	23,433,794(3)	NTL	4.000	FIX/IO	3136AXFE0	May 2045
Recombination 23								
QA	135,652,000	QH(4)	187,470,355	PAC/AD	2.750	FIX	3136AXFD2	May 2045
MA	51,818,355	IQ(4)	11,716,897(3)	NTL	4.000	FIX/IO	3136AXFE0	May 2045
Recombination 24								
QA	135,652,000	P(4)	200,834,000	PAC/AD	3.000	FIX	3136AXFG5	May 2046
QM	9,449,000							
MA	51,818,355							
MQ	3,914,645							
Recombination 25								
QM	9,449,000	PM(4)	13,363,645	PAC/AD	3.000	FIX	3136AXFF7	May 2046
MQ	3,914,645							
Recombination 26								
LN	5,446,000	PL(4)	20,921,000	PAC/AD	3.000	FIX	3136AXFH3	July 2047
JL	15,475,000							
Recombination 27								
LA	25,332,000	OE	28,678,000	SEQ	2.000	FIX	3136AXFJ9	March 2044
ML	3,346,000	IM	7,169,500(3)	NTL	4.000	FIX/IO	3136AXFP5	March 2044
Recombination 28								
LA	25,332,000	OD	28,678,000	SEQ	2.250	FIX	3136AXFK6	March 2044
ML	3,346,000	IM	5,377,125(3)	NTL	4.000	FIX/IO	3136AXFP5	March 2044
Recombination 29								
LA	25,332,000	OC	28,678,000	SEQ	2.500	FIX	3136AXFL4	March 2044
ML	3,346,000	IM	3,584,750(3)	NTL	4.000	FIX/IO	3136AXFP5	March 2044

Trust 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 30								
LA	\$ 25,332,000	OB	\$ 28,678,000	SEQ	2.750%	FIX	3136AXFM2	March 2044
ML	3,346,000	IM	1,792,375(3)	NTL	4.000	FIX/IO	3136AXFP5	March 2044
Recombination 31								
LA	25,332,000	OA	28,678,000	SEQ	3.000	FIX	3136AXFN0	March 2044
ML	3,346,000							
Recombination 32								
VO	1,895,000	OY(6)	8,561,019	SEQ	3.000	FIX	3136AXFQ3	July 2047
OV	1,956,894							
OZ	4,709,125							

- (1) Trust Certificates and RCR Certificates in any Recombination may be exchanged only in the proportions of *original* principal or notional principal balances for the related Classes shown in this Schedule 1 (disregarding any retired Classes). For example, if a particular Recombination includes two Trust 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 Trust 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 Trust Certificate or RCR Certificate of a Class in an amount less than the applicable minimum denomination for that Class, the Certificateholder will be unable to effect the proposed exchange. See “Description of the Certificates—General—*Authorized Denominations*” in this prospectus supplement.
- (2) See “Description of the Certificates—Class Definitions and Abbreviations” in the REMIC Prospectus.
- (3) Notional principal balances. These Classes are Interest Only Classes. See page S-7 for a description of how their notional principal balances are calculated.
- (4) These Classes are RCR Classes formed by combinations of Trust Certificates in two or more different Groups.
- (5) For a description of this interest rate, see “Summary—Interest Rates” in this prospectus supplement.
- (6) Principal payments on the Trust Certificates in Recombination 32 from the OZ Accrual Amount will be paid as interest on the related RCR Certificates, and thus will not reduce the principal balances of those RCR Certificates.

Principal Balance Schedules

Aggregate Group I Planned Balances

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
Initial Balance	\$183,547,000.00	February 2022	\$113,022,770.92	October 2026	\$ 52,860,483.64
July 2017	183,054,345.87	March 2022	111,702,269.87	November 2026	52,094,210.88
August 2017	182,515,991.79	April 2022	110,390,281.40	December 2026	51,338,245.07
September 2017	181,932,112.36	May 2022	109,086,746.22	January 2027	50,592,453.16
October 2017	181,302,911.47	June 2022	107,791,605.42	February 2027	49,856,703.75
November 2017	180,628,622.24	July 2022	106,504,800.50	March 2027	49,130,867.11
December 2017	179,909,506.85	August 2022	105,226,273.30	April 2027	48,414,815.14
January 2018	179,145,856.42	September 2022	103,955,966.07	May 2027	47,708,421.35
February 2018	178,337,990.82	October 2022	102,693,821.43	June 2027	47,011,560.86
March 2018	177,486,258.45	November 2022	101,439,782.35	July 2027	46,324,110.36
April 2018	176,591,035.97	December 2022	100,193,792.19	August 2027	45,645,948.07
May 2018	175,652,728.09	January 2023	98,955,794.69	September 2027	44,976,953.79
June 2018	174,917,767.19	February 2023	97,725,733.92	October 2027	44,317,008.79
July 2018	173,648,613.00	March 2023	96,503,554.34	November 2027	43,665,995.88
August 2018	172,583,752.27	April 2023	95,289,200.75	December 2027	43,023,799.32
September 2018	171,477,698.33	May 2023	94,082,618.35	January 2028	42,390,304.84
October 2018	170,330,990.66	June 2023	92,883,752.64	February 2028	41,765,399.62
November 2018	169,144,194.46	July 2023	91,692,549.51	March 2028	41,148,972.26
December 2018	167,917,900.15	August 2023	90,508,955.19	April 2028	40,540,912.76
January 2019	166,652,722.85	September 2023	89,332,916.26	May 2028	39,941,112.53
February 2019	165,349,301.86	October 2023	88,164,379.65	June 2028	39,349,464.32
March 2019	164,008,300.05	November 2023	87,003,292.63	July 2028	38,765,862.26
April 2019	162,630,403.32	December 2023	85,849,602.81	August 2028	38,190,201.81
May 2019	161,216,319.96	January 2024	84,703,258.14	September 2028	37,622,379.77
June 2019	159,771,590.50	February 2024	83,564,206.92	October 2028	37,062,294.22
July 2019	158,297,562.48	March 2024	82,432,397.78	November 2028	36,509,844.53
August 2019	156,794,883.79	April 2024	81,307,779.66	December 2028	35,964,931.37
September 2019	155,264,220.03	May 2024	80,190,301.86	January 2029	35,427,456.64
October 2019	153,706,253.76	June 2024	79,079,914.00	February 2029	34,897,323.49
November 2019	152,121,683.96	July 2024	77,976,566.03	March 2029	34,374,436.30
December 2019	150,547,453.88	August 2024	76,880,208.21	April 2029	33,858,700.66
January 2020	148,983,492.36	September 2024	75,793,225.35	May 2029	33,350,023.36
February 2020	147,429,728.70	October 2024	74,720,672.08	June 2029	32,848,312.36
March 2020	145,886,092.66	November 2024	73,662,363.55	July 2029	32,353,476.79
April 2020	144,352,514.46	December 2024	72,618,117.21	August 2029	31,865,426.94
May 2020	142,828,924.77	January 2025	71,587,752.83	September 2029	31,384,074.23
June 2020	141,315,254.70	February 2025	70,571,092.40	October 2029	30,909,331.21
July 2020	139,811,435.83	March 2025	69,567,960.18	November 2029	30,441,111.53
August 2020	138,317,400.17	April 2025	68,578,182.61	December 2029	29,979,329.93
September 2020	136,833,080.18	May 2025	67,601,588.31	January 2030	29,523,902.26
October 2020	135,358,408.75	June 2025	66,638,008.06	February 2030	29,074,745.41
November 2020	133,893,319.21	July 2025	65,687,274.77	March 2030	28,631,777.35
December 2020	132,437,745.33	August 2025	64,749,223.42	April 2030	28,194,917.05
January 2021	130,991,621.31	September 2025	63,823,691.09	May 2030	27,764,084.56
February 2021	129,554,881.76	October 2025	62,910,516.89	June 2030	27,339,200.92
March 2021	128,127,461.74	November 2025	62,009,541.96	July 2030	26,920,188.16
April 2021	126,709,296.71	December 2025	61,120,609.44	August 2030	26,506,969.34
May 2021	125,300,322.56	January 2026	60,243,564.41	September 2030	26,099,468.45
June 2021	123,900,475.61	February 2026	59,378,253.94	October 2030	25,697,610.50
July 2021	122,509,692.56	March 2026	58,524,527.00	November 2030	25,301,321.40
August 2021	121,127,910.56	April 2026	57,682,234.45	December 2030	24,910,528.05
September 2021	119,755,067.14	May 2026	56,851,229.05	January 2031	24,525,158.25
October 2021	118,391,100.25	June 2026	56,031,365.38	February 2031	24,145,140.72
November 2021	117,035,948.23	July 2026	55,222,499.88	March 2031	23,770,405.11
December 2021	115,689,549.84	August 2026	54,424,490.79	April 2031	23,400,881.95
January 2022	114,351,844.22	September 2026	53,637,198.11	May 2031	23,036,502.65

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>
June 2031	\$ 22,677,199.50	May 2036	\$ 8,445,359.98	April 2041	\$ 2,515,760.96
July 2031	22,322,905.66	June 2036	8,294,112.77	May 2041	2,455,255.41
August 2031	21,973,555.14	July 2036	8,145,100.41	June 2041	2,395,730.88
September 2031	21,629,082.77	August 2036	7,998,292.54	July 2041	2,337,173.43
October 2031	21,289,424.26	September 2036	7,853,659.20	August 2041	2,279,569.35
November 2031	20,954,516.08	October 2036	7,711,170.83	September 2041	2,222,905.07
December 2031	20,624,295.55	November 2036	7,570,798.22	October 2041	2,167,167.24
January 2032	20,298,700.79	December 2036	7,432,512.59	November 2041	2,112,342.65
February 2032	19,977,670.69	January 2037	7,296,285.48	December 2041	2,058,418.29
March 2032	19,661,144.93	February 2037	7,162,088.83	January 2042	2,005,381.32
April 2032	19,349,063.97	March 2037	7,029,894.96	February 2042	1,953,219.07
May 2032	19,041,369.02	April 2037	6,899,676.51	March 2042	1,901,919.04
June 2032	18,738,002.04	May 2037	6,771,406.51	April 2042	1,851,468.88
July 2032	18,438,905.74	June 2037	6,645,058.33	May 2042	1,801,856.43
August 2032	18,144,023.56	July 2037	6,520,605.68	June 2042	1,753,069.69
September 2032	17,853,299.65	August 2037	6,398,022.62	July 2042	1,705,096.79
October 2032	17,566,678.91	September 2037	6,277,283.54	August 2042	1,657,926.07
November 2032	17,284,106.91	October 2037	6,158,363.19	September 2042	1,611,545.97
December 2032	17,005,529.93	November 2037	6,041,236.61	October 2042	1,565,945.13
January 2033	16,730,894.93	December 2037	5,925,879.20	November 2042	1,521,112.32
February 2033	16,460,149.58	January 2038	5,812,266.65	December 2042	1,477,036.47
March 2033	16,193,242.17	February 2038	5,700,375.01	January 2043	1,433,706.64
April 2033	15,930,121.70	March 2038	5,590,180.60	February 2043	1,391,112.07
May 2033	15,670,737.79	April 2038	5,481,660.07	March 2043	1,349,242.10
June 2033	15,415,040.73	May 2038	5,374,790.37	April 2043	1,308,086.26
July 2033	15,162,981.44	June 2038	5,269,548.77	May 2043	1,267,634.19
August 2033	14,914,511.46	July 2038	5,165,912.81	June 2043	1,227,875.68
September 2033	14,669,582.97	August 2038	5,063,860.33	July 2043	1,188,800.65
October 2033	14,428,148.74	September 2038	4,963,369.48	August 2043	1,150,399.17
November 2033	14,190,162.17	October 2038	4,864,418.67	September 2043	1,112,661.43
December 2033	13,955,577.25	November 2038	4,766,986.62	October 2043	1,075,577.76
January 2034	13,724,348.56	December 2038	4,671,052.30	November 2043	1,039,138.62
February 2034	13,496,431.26	January 2039	4,576,594.98	December 2043	1,003,334.59
March 2034	13,271,781.09	February 2039	4,483,594.19	January 2044	968,156.38
April 2034	13,050,354.37	March 2039	4,392,029.73	February 2044	933,594.84
May 2034	12,832,107.96	April 2039	4,301,881.67	March 2044	899,640.93
June 2034	12,616,999.30	May 2039	4,213,130.33	April 2044	866,285.74
July 2034	12,404,986.36	June 2039	4,125,756.31	May 2044	833,520.46
August 2034	12,196,027.65	July 2039	4,039,740.45	June 2044	801,336.43
September 2034	11,990,082.23	August 2039	3,955,063.84	July 2044	769,725.08
October 2034	11,787,109.68	September 2039	3,871,707.82	August 2044	738,677.99
November 2034	11,587,070.09	October 2039	3,789,653.99	September 2044	708,186.81
December 2034	11,389,924.09	November 2039	3,708,884.17	October 2044	678,243.33
January 2035	11,195,632.78	December 2039	3,629,380.45	November 2044	648,839.46
February 2035	11,004,157.80	January 2040	3,551,125.11	December 2044	619,967.20
March 2035	10,815,461.27	February 2040	3,474,100.71	January 2045	591,618.67
April 2035	10,629,505.79	March 2040	3,398,290.02	February 2045	563,786.09
May 2035	10,446,254.45	April 2040	3,323,676.04	March 2045	536,461.79
June 2035	10,265,670.83	May 2040	3,250,241.98	April 2045	509,638.20
July 2035	10,087,718.95	June 2040	3,177,971.30	May 2045	483,307.86
August 2035	9,912,363.34	July 2040	3,106,847.66	June 2045	457,463.42
September 2035	9,739,568.93	August 2040	3,036,854.94	July 2045	432,097.61
October 2035	9,569,301.17	September 2040	2,967,977.22	August 2045	407,203.26
November 2035	9,401,525.89	October 2040	2,900,198.83	September 2045	382,773.32
December 2035	9,236,209.42	November 2040	2,833,504.26	October 2045	358,800.82
January 2036	9,073,318.49	December 2040	2,767,878.24	November 2045	335,278.89
February 2036	8,912,820.28	January 2041	2,703,305.68	December 2045	312,200.74
March 2036	8,754,682.37	February 2041	2,639,771.70	January 2046	289,559.70
April 2036	8,598,872.80	March 2041	2,577,261.62	February 2046	267,349.18

Aggregate Group I (Continued)

<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>	<u>Distribution Date</u>	<u>Planned Balance</u>
March 2046	\$ 245,562.66	September 2046	\$ 125,400.92	February 2047	\$ 44,115.73
April 2046	224,193.74	October 2046	108,373.18	March 2047	28,981.21
May 2046	203,236.10	November 2046	91,680.43	April 2047	14,151.25
June 2046	182,683.48	December 2046	75,317.53	May 2047 and	
July 2046	162,529.75	January 2047	59,559.56	thereafter	0.00
August 2046	142,768.84				

AZ Class Targeted Balances

<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>
Initial Balance	\$23,010,526.00	August 2018	\$18,457,828.38	September 2019	\$ 8,411,483.76
July 2017	22,949,796.27	September 2018	17,849,404.69	October 2019	7,506,735.20
August 2017	22,846,884.79	October 2018	17,208,055.73	November 2019	6,592,394.95
September 2017	22,701,948.02	November 2018	16,534,987.58	December 2019	5,702,457.44
October 2017	22,515,221.88	December 2018	15,831,469.49	January 2020	4,836,516.39
November 2017	22,287,021.80	January 2019	15,098,831.35	February 2020	3,994,171.51
December 2017	22,017,742.60	February 2019	14,338,461.05	March 2020	3,175,028.40
January 2018	21,707,858.24	March 2019	13,551,801.56	April 2020	2,378,698.50
February 2018	21,357,921.25	April 2019	12,740,347.99	May 2020	1,604,798.98
March 2018	20,968,562.13	May 2019	11,905,644.38	June 2020	852,952.66
April 2018	20,540,488.40	June 2019	11,053,645.90	July 2020	122,787.95
May 2018	20,074,483.52	July 2019	10,186,363.73	August 2020 and	
June 2018	19,571,405.68	August 2019	9,305,173.27	thereafter	0.00
July 2018	19,032,186.30				

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	\$132,543,840.00	September 2019	\$108,382,601.66	December 2021	\$ 80,142,202.24
July 2017	131,946,915.72	October 2019	107,245,801.94	January 2022	79,188,191.65
August 2017	131,324,507.28	November 2019	106,116,399.60	February 2022	78,240,313.77
September 2017	130,676,751.17	December 2019	104,994,343.74	March 2022	77,298,525.90
October 2017	130,003,801.20	January 2020	103,879,583.78	April 2022	76,362,785.59
November 2017	129,305,828.49	February 2020	102,772,069.44	May 2022	75,433,050.71
December 2017	128,583,021.32	March 2020	101,671,750.82	June 2022	74,509,279.37
January 2018	127,835,584.96	April 2020	100,578,578.30	July 2022	73,591,429.97
February 2018	127,063,741.59	May 2020	99,492,502.60	August 2022	72,679,461.16
March 2018	126,267,730.04	June 2020	98,413,474.75	September 2022	71,773,331.89
April 2018	125,447,805.66	July 2020	97,341,446.13	October 2022	70,873,001.35
May 2018	124,604,240.08	August 2020	96,276,368.39	November 2022	69,978,428.99
June 2018	123,737,321.00	September 2020	95,218,193.52	December 2022	69,089,574.55
July 2018	122,847,351.91	October 2020	94,166,873.82	January 2023	68,206,398.01
August 2018	121,934,651.87	November 2020	93,122,361.90	February 2023	67,328,859.62
September 2018	121,002,097.69	December 2020	92,084,610.67	March 2023	66,456,919.87
October 2018	120,049,982.47	January 2021	91,053,573.36	April 2023	65,590,539.53
November 2018	119,078,612.97	February 2021	90,029,203.48	May 2023	64,729,679.61
December 2018	118,088,309.38	March 2021	89,011,454.86	June 2023	63,874,301.38
January 2019	117,079,404.96	April 2021	88,000,281.63	July 2023	63,024,366.34
February 2019	116,052,245.81	May 2021	86,995,638.21	August 2023	62,179,836.28
March 2019	115,007,190.47	June 2021	85,997,479.33	September 2023	61,340,673.20
April 2019	113,944,609.64	July 2021	85,005,759.99	October 2023	60,506,839.36
May 2019	112,864,885.79	August 2021	84,020,435.50	November 2023	59,678,297.27
June 2019	111,768,412.83	September 2021	83,041,461.45	December 2023	58,855,009.67
July 2019	110,655,595.70	October 2021	82,068,793.73	January 2024	58,036,939.56
August 2019	109,526,850.01	November 2021	81,102,388.51	February 2024	57,224,050.15

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>
March 2024	\$ 56,416,304.92	February 2029	\$ 23,397,864.14	January 2034	\$ 8,729,007.33
April 2024	55,613,667.58	March 2029	23,035,592.71	February 2034	8,571,037.44
May 2024	54,818,636.54	April 2029	22,678,279.33	March 2034	8,415,326.75
June 2024	54,034,152.14	May 2029	22,325,859.23	April 2034	8,261,844.92
July 2024	53,260,079.26	June 2029	21,978,268.46	May 2034	8,110,561.99
August 2024	52,496,284.45	July 2029	21,635,443.87	June 2034	7,961,448.40
September 2024	51,742,635.95	August 2029	21,297,323.11	July 2034	7,814,474.95
October 2024	50,999,003.65	September 2029	20,963,844.65	August 2034	7,669,612.83
November 2024	50,265,259.06	October 2029	20,634,947.70	September 2034	7,526,833.60
December 2024	49,541,275.31	November 2029	20,310,572.27	October 2034	7,386,109.19
January 2025	48,826,927.14	December 2029	19,990,659.12	November 2034	7,247,411.87
February 2025	48,122,090.81	January 2030	19,675,149.76	December 2034	7,110,714.30
March 2025	47,426,644.19	February 2030	19,363,986.45	January 2035	6,975,989.47
April 2025	46,740,466.64	March 2030	19,057,112.19	February 2035	6,843,210.72
May 2025	46,063,439.06	April 2030	18,754,470.68	March 2035	6,712,351.76
June 2025	45,395,443.82	May 2030	18,456,006.36	April 2035	6,583,386.60
July 2025	44,736,364.80	June 2030	18,161,664.36	May 2035	6,456,289.62
August 2025	44,086,087.31	July 2030	17,871,390.52	June 2035	6,331,035.52
September 2025	43,444,498.11	August 2030	17,585,131.35	July 2035	6,207,599.30
October 2025	42,811,485.38	September 2030	17,302,834.07	August 2035	6,085,956.34
November 2025	42,186,938.71	October 2030	17,024,446.55	September 2035	5,966,082.28
December 2025	41,570,749.08	November 2030	16,749,917.33	October 2035	5,847,953.12
January 2026	40,962,808.82	December 2030	16,479,195.59	November 2035	5,731,545.14
February 2026	40,363,011.64	January 2031	16,212,231.19	December 2035	5,616,834.95
March 2026	39,771,252.58	February 2031	15,948,974.60	January 2036	5,503,799.45
April 2026	39,187,427.97	March 2031	15,689,376.92	February 2036	5,392,415.84
May 2026	38,611,435.50	April 2031	15,433,389.90	March 2036	5,282,661.63
June 2026	38,043,174.09	May 2031	15,180,965.89	April 2036	5,174,514.59
July 2026	37,482,543.97	June 2031	14,932,057.83	May 2036	5,067,952.81
August 2026	36,929,446.60	July 2031	14,686,619.28	June 2036	4,962,954.65
September 2026	36,383,784.71	August 2031	14,444,604.40	July 2036	4,859,498.75
October 2026	35,845,462.23	September 2031	14,205,967.91	August 2036	4,757,564.04
November 2026	35,314,384.31	October 2031	13,970,665.14	September 2036	4,657,129.72
December 2026	34,790,457.29	November 2031	13,738,651.95	October 2036	4,558,175.24
January 2027	34,273,588.68	December 2031	13,509,884.79	November 2036	4,460,680.33
February 2027	33,763,687.19	January 2032	13,284,320.67	December 2036	4,364,625.01
March 2027	33,260,662.64	February 2032	13,061,917.14	January 2037	4,269,989.51
April 2027	32,764,426.01	March 2032	12,842,632.29	February 2037	4,176,754.37
May 2027	32,274,889.41	April 2032	12,626,424.75	March 2037	4,084,900.33
June 2027	31,791,966.02	May 2032	12,413,253.68	April 2037	3,994,408.43
July 2027	31,315,570.16	June 2032	12,203,078.75	May 2037	3,905,259.92
August 2027	30,845,617.20	July 2032	11,995,860.17	June 2037	3,817,436.31
September 2027	30,382,023.59	August 2032	11,791,558.64	July 2037	3,730,919.37
October 2027	29,924,706.84	September 2032	11,590,135.36	August 2037	3,645,691.06
November 2027	29,473,585.49	October 2032	11,391,552.05	September 2037	3,561,733.63
December 2027	29,028,579.11	November 2032	11,195,770.90	October 2037	3,479,029.52
January 2028	28,589,608.30	December 2032	11,002,754.59	November 2037	3,397,561.41
February 2028	28,156,594.64	January 2033	10,812,466.28	December 2037	3,317,312.23
March 2028	27,729,460.72	February 2033	10,624,869.60	January 2038	3,238,265.11
April 2028	27,308,130.09	March 2033	10,439,928.64	February 2038	3,160,403.39
May 2028	26,892,527.29	April 2033	10,257,607.97	March 2038	3,083,710.65
June 2028	26,482,577.80	May 2033	10,077,872.60	April 2038	3,008,170.69
July 2028	26,078,208.03	June 2033	9,900,687.98	May 2038	2,933,767.49
August 2028	25,679,345.35	July 2033	9,726,020.02	June 2038	2,860,485.28
September 2028	25,285,918.02	August 2033	9,553,835.07	July 2038	2,788,308.46
October 2028	24,897,855.22	September 2033	9,384,099.90	August 2038	2,717,221.66
November 2028	24,515,087.04	October 2033	9,216,781.71	September 2038	2,647,209.70
December 2028	24,137,544.43	November 2033	9,051,848.12	October 2038	2,578,257.59
January 2029	23,765,159.23	December 2033	8,889,267.18	November 2038	2,510,350.57

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>
December 2038	\$ 2,443,474.04	July 2040	\$ 1,350,550.48	February 2042	\$ 539,332.54
January 2039	2,377,613.60	August 2040	1,301,498.25	March 2042	503,083.00
February 2039	2,312,755.05	September 2040	1,253,210.88	April 2042	467,414.36
March 2039	2,248,884.36	October 2040	1,205,677.46	May 2042	432,318.16
April 2039	2,185,987.71	November 2040	1,158,887.26	June 2042	397,786.08
May 2039	2,124,051.43	December 2040	1,112,829.68	July 2042	363,809.90
June 2039	2,063,062.05	January 2041	1,067,494.23	August 2042	330,381.50
July 2039	2,003,006.28	February 2041	1,022,870.61	September 2042	297,492.90
August 2039	1,943,870.99	March 2041	978,948.62	October 2042	265,136.19
September 2039	1,885,643.23	April 2041	935,718.20	November 2042	233,303.59
October 2039	1,828,310.22	May 2041	893,169.44	December 2042	201,987.42
November 2039	1,771,859.37	June 2041	851,292.56	January 2043	171,180.10
December 2039	1,716,278.21	July 2041	810,077.88	February 2043	140,874.15
January 2040	1,661,554.48	August 2041	769,515.90	March 2043	111,062.20
February 2040	1,607,676.05	September 2041	729,597.19	April 2043	81,736.96
March 2040	1,554,630.97	October 2041	690,312.50	May 2043	52,891.25
April 2040	1,502,407.44	November 2041	651,652.65	June 2043	24,518.00
May 2040	1,450,993.82	December 2041	613,608.63	July 2043 and thereafter	0.00
June 2040	1,400,378.61	January 2042	576,171.52		

Aggregate Group III 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	\$160,576,000.00	April 2020	\$120,311,135.27	February 2023	\$ 80,411,159.43
July 2017	159,770,349.19	May 2020	119,007,444.32	March 2023	79,365,189.15
August 2017	158,926,725.00	June 2020	117,712,237.24	April 2023	78,325,908.41
September 2017	158,045,514.17	July 2020	116,425,455.39	May 2023	77,293,270.21
October 2017	157,127,127.07	August 2020	115,147,040.50	June 2023	76,267,227.88
November 2017	156,171,997.36	September 2020	113,876,934.69	July 2023	75,247,735.01
December 2017	155,180,581.63	October 2020	112,615,080.44	August 2023	74,234,745.54
January 2018	154,153,359.00	November 2020	111,361,420.62	September 2023	73,228,213.66
February 2018	153,090,830.77	December 2020	110,115,898.46	October 2023	72,228,093.91
March 2018	151,993,519.95	January 2021	108,878,457.57	November 2023	71,234,341.08
April 2018	150,875,838.51	February 2021	107,649,041.91	December 2023	70,246,910.27
May 2018	149,738,043.85	March 2021	106,427,595.82	January 2024	69,265,756.87
June 2018	148,580,408.38	April 2021	105,214,063.99	February 2024	68,290,836.58
July 2018	147,403,219.25	May 2021	104,008,391.48	March 2024	67,322,105.34
August 2018	146,213,123.24	June 2021	102,810,523.70	April 2024	66,366,231.55
September 2018	145,010,295.75	July 2021	101,620,406.41	May 2024	65,423,072.65
October 2018	143,794,923.68	August 2021	100,437,985.74	June 2024	64,492,465.59
November 2018	142,567,205.21	September 2021	99,263,208.15	July 2024	63,574,249.34
December 2018	141,327,349.63	October 2021	98,096,020.47	August 2024	62,668,264.91
January 2019	140,075,577.11	November 2021	96,936,369.84	September 2024	61,774,355.30
February 2019	138,812,118.50	December 2021	95,784,203.79	October 2024	60,892,365.49
March 2019	137,537,215.07	January 2022	94,639,470.15	November 2024	60,022,142.39
April 2019	136,251,118.29	February 2022	93,502,117.10	December 2024	59,163,534.83
May 2019	134,954,089.53	March 2022	92,372,093.18	January 2025	58,316,393.56
June 2019	133,646,399.85	April 2022	91,249,347.23	February 2025	57,480,571.19
July 2019	132,328,329.68	May 2022	90,133,828.45	March 2025	56,655,922.17
August 2019	131,000,168.58	June 2022	89,025,486.35	April 2025	55,842,302.80
September 2019	129,662,214.86	July 2022	87,924,270.78	May 2025	55,039,571.18
October 2019	128,314,775.36	August 2022	86,830,131.91	June 2025	54,247,587.18
November 2019	126,958,927.87	September 2022	85,743,020.23	July 2025	53,466,212.44
December 2019	125,611,924.30	October 2022	84,662,886.56	August 2025	52,695,310.35
January 2020	124,273,703.65	November 2022	83,589,682.03	September 2025	51,934,746.01
February 2020	122,944,205.33	December 2022	82,523,358.10	October 2025	51,184,386.21
March 2020	121,623,369.14	January 2023	81,463,866.54	November 2025	50,444,099.42

Aggregate Group III (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>
December 2025	\$ 49,713,755.76	November 2030	\$ 20,343,251.51	October 2035	\$ 7,521,107.24
January 2026	48,993,227.01	December 2030	20,023,779.60	November 2035	7,385,033.98
February 2026	48,282,386.52	January 2031	19,708,774.22	December 2035	7,250,978.18
March 2026	47,581,109.28	February 2031	19,398,176.46	January 2036	7,118,912.41
April 2026	46,889,271.83	March 2031	19,091,928.14	February 2036	6,988,809.59
May 2026	46,206,752.25	April 2031	18,789,971.85	March 2036	6,860,642.97
June 2026	45,533,430.19	May 2031	18,492,250.87	April 2036	6,734,386.18
July 2026	44,869,186.80	June 2031	18,198,709.26	May 2036	6,610,013.17
August 2026	44,213,904.73	July 2031	17,909,291.74	June 2036	6,487,498.24
September 2026	43,567,468.09	August 2031	17,623,943.78	July 2036	6,366,816.02
October 2026	42,929,762.49	September 2031	17,342,611.52	August 2036	6,247,941.47
November 2026	42,300,674.94	October 2031	17,065,241.81	September 2036	6,130,849.88
December 2026	41,680,093.91	November 2031	16,791,782.14	October 2036	6,015,516.86
January 2027	41,067,909.26	December 2031	16,522,180.73	November 2036	5,901,918.33
February 2027	40,464,012.24	January 2032	16,256,386.41	December 2036	5,790,030.54
March 2027	39,868,295.47	February 2032	15,994,348.69	January 2037	5,679,830.03
April 2027	39,280,652.94	March 2032	15,736,017.72	February 2037	5,571,293.67
May 2027	38,700,979.96	April 2032	15,481,344.31	March 2037	5,464,398.61
June 2027	38,129,173.18	May 2032	15,230,279.86	April 2037	5,359,122.31
July 2027	37,565,130.53	June 2032	14,982,776.42	May 2037	5,255,442.53
August 2027	37,008,751.26	July 2032	14,738,786.65	June 2037	5,153,337.30
September 2027	36,459,935.87	August 2032	14,498,263.81	July 2037	5,052,784.95
October 2027	35,918,586.13	September 2032	14,261,161.77	August 2037	4,953,764.11
November 2027	35,384,605.04	October 2032	14,027,434.99	September 2037	4,856,253.65
December 2027	34,857,896.84	November 2032	13,797,038.50	October 2037	4,760,232.75
January 2028	34,338,366.98	December 2032	13,569,927.92	November 2037	4,665,680.85
February 2028	33,825,922.09	January 2033	13,346,059.45	December 2037	4,572,577.66
March 2028	33,320,470.00	February 2033	13,125,389.83	January 2038	4,480,903.17
April 2028	32,821,919.70	March 2033	12,907,876.36	February 2038	4,390,637.60
May 2028	32,330,181.32	April 2033	12,693,476.91	March 2038	4,301,761.45
June 2028	31,845,166.15	May 2033	12,482,149.86	April 2038	4,214,255.49
July 2028	31,366,786.58	June 2033	12,273,854.15	May 2038	4,128,100.72
August 2028	30,894,956.13	July 2033	12,068,549.23	June 2038	4,043,278.38
September 2028	30,429,589.41	August 2033	11,866,195.10	July 2038	3,959,770.00
October 2028	29,970,602.10	September 2033	11,666,752.23	August 2038	3,877,557.31
November 2028	29,517,910.97	October 2033	11,470,181.65	September 2038	3,796,622.29
December 2028	29,071,433.82	November 2033	11,276,444.85	October 2038	3,716,947.18
January 2029	28,631,089.51	December 2033	11,085,503.84	November 2038	3,638,514.42
February 2029	28,196,797.92	January 2034	10,897,321.10	December 2038	3,561,306.70
March 2029	27,768,479.96	February 2034	10,711,859.62	January 2039	3,485,306.95
April 2029	27,346,057.53	March 2034	10,529,082.85	February 2039	3,410,498.29
May 2029	26,929,453.53	April 2034	10,348,954.70	March 2039	3,336,864.09
June 2029	26,518,591.83	May 2034	10,171,439.58	April 2039	3,264,387.94
July 2029	26,113,397.27	June 2034	9,996,502.32	May 2039	3,193,053.63
August 2029	25,713,795.64	July 2034	9,824,108.24	June 2039	3,122,845.18
September 2029	25,319,713.70	August 2034	9,654,223.07	July 2039	3,053,746.80
October 2029	24,931,079.09	September 2034	9,486,813.02	August 2039	2,985,742.93
November 2029	24,547,820.43	October 2034	9,321,844.72	September 2039	2,918,818.20
December 2029	24,169,867.19	November 2034	9,159,285.22	October 2039	2,852,957.47
January 2030	23,797,149.78	December 2034	8,999,102.02	November 2039	2,788,145.76
February 2030	23,429,599.47	January 2035	8,841,263.02	December 2039	2,724,368.32
March 2030	23,067,148.41	February 2035	8,685,736.54	January 2040	2,661,610.58
April 2030	22,709,729.63	March 2035	8,532,491.31	February 2040	2,599,858.17
May 2030	22,357,276.98	April 2035	8,381,496.49	March 2040	2,539,096.90
June 2030	22,009,725.19	May 2035	8,232,721.59	April 2040	2,479,312.79
July 2030	21,667,009.79	June 2035	8,086,136.56	May 2040	2,420,492.02
August 2030	21,329,067.15	July 2035	7,941,711.71	June 2040	2,362,620.97
September 2030	20,995,834.44	August 2035	7,799,417.76	July 2040	2,305,686.19
October 2030	20,667,249.64	September 2035	7,659,225.78	August 2040	2,249,674.42

Aggregate Group III (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>
September 2040	\$ 2,194,572.57	December 2042	\$ 1,007,407.90	March 2045	\$ 267,775.76
October 2040	2,140,367.72	January 2043	973,118.41	April 2045	246,877.03
November 2040	2,087,047.12	February 2043	939,426.59	May 2045	226,377.38
December 2040	2,034,598.21	March 2043	906,323.70	June 2045	212,279.57
January 2041	1,983,008.58	April 2043	873,801.13	July 2045	198,446.28
February 2041	1,932,265.98	May 2043	841,850.37	August 2045	184,873.54
March 2041	1,882,358.33	June 2043	810,463.05	September 2045 . . .	171,557.41
April 2041	1,833,273.72	July 2043	779,630.89	October 2045	158,494.05
May 2041	1,785,000.39	August 2043	749,345.72	November 2045	145,679.63
June 2041	1,737,526.74	September 2043 . . .	719,599.50	December 2045	135,749.02
July 2041	1,690,841.32	October 2043	690,384.29	January 2046	126,006.07
August 2041	1,644,932.84	November 2043	661,692.25	February 2046	116,447.94
September 2041	1,599,790.15	December 2043	633,515.66	March 2046	107,071.85
October 2041	1,555,402.26	January 2044	605,846.89	April 2046	97,875.05
November 2041	1,511,758.33	February 2044	578,678.43	May 2046	88,854.84
December 2041	1,468,847.65	March 2044	552,002.86	June 2046	80,008.53
January 2042	1,426,659.66	April 2044	525,812.87	July 2046	71,333.49
February 2042	1,385,183.94	May 2044	500,101.23	August 2046	62,827.13
March 2042	1,344,410.23	June 2044	474,860.84	September 2046 . . .	54,486.86
April 2042	1,304,328.37	July 2044	450,084.66	October 2046	46,310.17
May 2042	1,264,928.38	August 2044	425,765.79	November 2046	38,294.56
June 2042	1,226,200.37	September 2044 . . .	401,897.37	December 2046	30,437.56
July 2042	1,188,134.61	October 2044	378,472.69	January 2047	22,736.76
August 2042	1,150,721.50	November 2044	355,485.08	February 2047	15,189.75
September 2042	1,113,951.56	December 2044	332,928.01	March 2047	7,794.19
October 2042	1,077,815.44	January 2045	310,795.00	April 2047	547.73
November 2042	1,042,303.92	February 2045	289,079.68	May 2047 and thereafter	0.00

DZ Class Targeted Balances

<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>
Initial Balance	\$23,278,114.00	July 2019	\$19,846,175.36	August 2021	\$16,754,095.68
July 2017	23,209,200.99	August 2019	19,682,005.53	September 2021	16,682,018.67
August 2017	23,131,041.75	September 2019	19,517,639.34	October 2021	16,613,562.14
September 2017	23,043,813.88	October 2019	19,353,215.07	November 2021	16,548,681.19
October 2017	22,947,708.35	November 2019	19,189,069.76	December 2021	16,487,331.32
November 2017	22,842,929.26	December 2019	19,029,666.82	January 2022	16,429,468.57
December 2017	22,729,693.52	January 2020	18,874,949.34	February 2022	16,375,049.46
January 2018	22,608,230.59	February 2020	18,724,860.99	March 2022	16,324,030.94
February 2018	22,478,782.04	March 2020	18,579,346.04	April 2022	16,276,370.46
March 2018	22,341,601.33	April 2020	18,438,349.36	May 2022	16,232,025.93
April 2018	22,200,725.00	May 2020	18,301,816.37	June 2022	16,190,955.70
May 2018	22,056,261.07	June 2020	18,169,693.13	July 2022	16,153,118.60
June 2018	21,908,326.14	July 2020	18,041,926.23	August 2022	16,118,473.89
July 2018	21,757,045.22	August 2020	17,918,462.83	September 2022	16,086,981.29
August 2018	21,604,240.69	September 2020	17,799,250.66	October 2022	16,058,600.95
September 2018	21,449,977.96	October 2020	17,684,238.01	November 2022	16,033,293.46
October 2018	21,294,329.22	November 2020	17,573,373.72	December 2022	16,011,019.85
November 2018	21,137,373.30	December 2020	17,466,607.17	January 2023	15,991,741.56
December 2018	20,979,195.54	January 2021	17,363,888.27	February 2023	15,975,420.46
January 2019	20,819,887.52	February 2021	17,265,167.51	March 2023	15,962,018.86
February 2019	20,659,546.94	March 2021	17,170,395.87	April 2023	15,951,499.47
March 2019	20,498,277.40	April 2021	17,079,524.87	May 2023	15,943,825.42
April 2019	20,336,188.14	May 2021	16,992,506.54	June 2023	15,938,960.21
May 2019	20,173,393.93	June 2021	16,909,293.43	July 2023	15,936,867.81
June 2019	20,010,014.69	July 2021	16,829,838.63	August 2023	15,937,512.54

DZ Class (Continued)

<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>	<u>Distribution Date</u>	<u>Targeted Balance</u>
September 2023	\$15,940,859.13	March 2028	\$13,281,160.23	September 2032	\$ 6,464,990.12
October 2023	15,946,872.70	April 2028	13,173,534.68	October 2032	6,331,537.58
November 2023	15,955,518.77	May 2028	13,064,665.42	November 2032	6,198,164.97
December 2023	15,966,763.22	June 2028	12,954,591.43	December 2032	6,064,885.45
January 2024	15,980,572.35	July 2028	12,843,350.97	January 2033	5,931,711.84
February 2024	15,996,912.78	August 2028	12,730,981.63	February 2033	5,798,656.69
March 2024	16,015,751.57	September 2028	12,617,520.30	March 2033	5,665,732.26
April 2024	16,030,343.97	October 2028	12,503,003.25	April 2033	5,532,950.51
May 2024	16,040,756.83	November 2028	12,387,466.02	May 2033	5,400,323.15
June 2024	16,047,078.15	December 2028	12,270,943.58	June 2033	5,267,861.56
July 2024	16,049,394.53	January 2029	12,153,470.22	July 2033	5,135,576.90
August 2024	16,047,791.19	February 2029	12,035,079.60	August 2033	5,003,480.02
September 2024	16,042,351.97	March 2029	11,915,804.78	September 2033	4,871,581.54
October 2024	16,033,159.34	April 2029	11,795,678.18	October 2033	4,739,891.79
November 2024	16,020,294.49	May 2029	11,674,731.66	November 2033	4,608,420.87
December 2024	16,003,837.27	June 2029	11,552,996.46	December 2033	4,477,178.61
January 2025	15,983,866.24	July 2029	11,430,503.25	January 2034	4,346,174.63
February 2025	15,960,458.70	August 2029	11,307,282.14	February 2034	4,215,418.24
March 2025	15,933,690.69	September 2029	11,183,362.62	March 2034	4,084,918.58
April 2025	15,903,637.00	October 2029	11,058,773.70	April 2034	3,954,684.53
May 2025	15,870,371.22	November 2029	10,933,543.77	May 2034	3,824,724.71
June 2025	15,833,965.74	December 2029	10,807,700.75	June 2034	3,695,047.56
July 2025	15,794,491.75	January 2030	10,681,271.96	July 2034	3,565,661.27
August 2025	15,752,019.27	February 2030	10,554,284.26	August 2034	3,436,573.82
September 2025	15,706,617.19	March 2030	10,426,763.96	September 2034	3,307,792.97
October 2025	15,658,353.26	April 2030	10,298,736.85	October 2034	3,179,326.26
November 2025	15,607,294.09	May 2030	10,170,228.27	November 2034	3,051,181.05
December 2025	15,553,505.24	June 2030	10,041,263.00	December 2034	2,923,364.46
January 2026	15,497,051.10	July 2030	9,911,865.40	January 2035	2,795,883.42
February 2026	15,437,995.09	August 2030	9,782,059.31	February 2035	2,668,744.69
March 2026	15,376,399.49	September 2030	9,651,868.12	March 2035	2,541,954.81
April 2026	15,312,325.58	October 2030	9,521,314.76	April 2035	2,415,520.10
May 2026	15,245,833.64	November 2030	9,390,421.69	May 2035	2,289,446.76
June 2026	15,176,982.87	December 2030	9,259,210.94	June 2035	2,163,740.75
July 2026	15,105,831.54	January 2031	9,127,704.09	July 2035	2,038,407.87
August 2026	15,032,436.91	February 2031	8,995,922.27	August 2035	1,913,453.74
September 2026	14,956,855.28	March 2031	8,863,886.22	September 2035	1,788,883.81
October 2026	14,879,141.98	April 2031	8,731,616.22	October 2035	1,664,703.35
November 2026	14,799,351.45	May 2031	8,599,132.17	November 2035	1,540,917.45
December 2026	14,717,537.15	June 2031	8,466,453.52	December 2035	1,417,531.07
January 2027	14,633,751.65	July 2031	8,333,599.37	January 2036	1,294,548.97
February 2027	14,548,046.63	August 2031	8,200,588.37	February 2036	1,171,975.75
March 2027	14,460,472.88	September 2031	8,067,438.84	March 2036	1,049,815.89
April 2027	14,371,080.30	October 2031	7,934,168.65	April 2036	928,073.68
May 2027	14,279,917.97	November 2031	7,800,795.37	May 2036	806,753.26
June 2027	14,187,034.07	December 2031	7,667,336.12	June 2036	685,858.65
July 2027	14,092,476.01	January 2032	7,533,807.72	July 2036	565,393.69
August 2027	13,996,290.31	February 2032	7,400,226.60	August 2036	445,362.09
September 2027	13,898,522.74	March 2032	7,266,608.84	September 2036	325,767.41
October 2027	13,799,218.22	April 2032	7,132,970.15	October 2036	206,613.10
November 2027	13,698,420.93	May 2032	6,999,325.96	November 2036	87,902.44
December 2027	13,596,174.24	June 2032	6,865,691.30	December 2036 and	
January 2028	13,492,520.76	July 2032	6,732,080.89	thereafter	0.00
February 2028	13,387,502.39	August 2032	6,598,509.14		

Aggregate Group IV 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	\$61,179,000.00	May 2022	\$33,902,796.49	April 2027	\$14,742,048.51
July 2017	60,878,835.21	June 2022	33,483,026.84	May 2027	14,524,478.70
August 2017	60,563,833.98	July 2022	33,065,948.14	June 2027	14,309,860.31
September 2017	60,234,140.62	August 2022	32,651,541.57	July 2027	14,098,155.05
October 2017	59,889,908.90	September 2022	32,239,788.43	August 2027	13,889,325.15
November 2017	59,531,301.90	October 2022	31,830,670.16	September 2027	13,683,333.27
December 2017	59,158,491.89	November 2022	31,424,168.31	October 2027	13,480,142.59
January 2018	58,771,660.15	December 2022	31,020,264.54	November 2027	13,279,716.73
February 2018	58,370,996.90	January 2023	30,618,940.64	December 2027	13,082,019.77
March 2018	57,956,701.06	February 2023	30,220,178.53	January 2028	12,887,016.24
April 2018	57,528,980.10	March 2023	29,823,960.21	February 2028	12,694,671.13
May 2018	57,088,049.88	April 2023	29,430,267.84	March 2028	12,504,949.88
June 2018	56,634,134.43	May 2023	29,039,083.67	April 2028	12,317,818.34
July 2018	56,167,465.76	June 2023	28,650,390.07	May 2028	12,133,242.81
August 2018	55,688,283.66	July 2023	28,264,169.53	June 2028	11,951,190.02
September 2018	55,196,835.48	August 2023	27,880,404.64	July 2028	11,771,627.12
October 2018	54,693,375.89	September 2023	27,499,078.11	August 2028	11,594,521.66
November 2018	54,178,166.67	October 2023	27,120,172.77	September 2028	11,419,841.61
December 2018	53,651,476.45	November 2023	26,743,671.56	October 2028	11,247,555.36
January 2019	53,118,021.51	December 2023	26,369,557.51	November 2028	11,077,631.69
February 2019	52,582,761.32	January 2024	25,997,813.79	December 2028	10,910,039.75
March 2019	52,046,045.93	February 2024	25,629,383.31	January 2029	10,744,749.13
April 2019	51,509,731.09	March 2024	25,265,847.10	February 2029	10,581,729.77
May 2019	50,975,977.60	April 2024	24,907,142.45	March 2029	10,420,952.01
June 2019	50,445,704.78	May 2024	24,553,207.46	April 2029	10,262,386.54
July 2019	49,918,888.71	June 2024	24,203,980.98	May 2029	10,106,004.46
August 2019	49,395,505.58	July 2024	23,859,402.64	June 2029	9,951,777.20
September 2019	48,875,531.77	August 2024	23,519,412.81	July 2029	9,799,676.58
October 2019	48,358,943.79	September 2024	23,183,952.63	August 2029	9,649,674.76
November 2019	47,845,718.33	October 2024	22,852,963.97	September 2029	9,501,744.26
December 2019	47,335,832.20	November 2024	22,526,389.42	October 2029	9,355,857.96
January 2020	46,829,262.38	December 2024	22,204,172.31	November 2029	9,211,989.06
February 2020	46,325,986.00	January 2025	21,886,256.65	December 2029	9,070,111.12
March 2020	45,825,980.33	February 2025	21,572,587.20	January 2030	8,930,198.03
April 2020	45,329,222.78	March 2025	21,263,109.36	February 2030	8,792,224.02
May 2020	44,835,690.94	April 2025	20,957,769.25	March 2030	8,656,163.63
June 2020	44,345,362.51	May 2025	20,656,513.67	April 2030	8,521,991.74
July 2020	43,858,215.36	June 2025	20,359,290.07	May 2030	8,389,683.53
August 2020	43,374,227.48	July 2025	20,066,046.56	June 2030	8,259,214.53
September 2020	42,893,377.02	August 2025	19,776,731.91	July 2030	8,130,560.55
October 2020	42,415,642.26	September 2025	19,491,295.54	August 2030	8,003,697.72
November 2020	41,941,001.65	October 2025	19,209,687.50	September 2030	7,878,602.47
December 2020	41,469,433.73	November 2025	18,931,858.46	October 2030	7,755,251.54
January 2021	41,000,917.23	December 2025	18,657,759.72	November 2030	7,633,621.96
February 2021	40,535,430.99	January 2026	18,387,343.20	December 2030	7,513,691.04
March 2021	40,072,953.99	February 2026	18,120,561.40	January 2031	7,395,436.40
April 2021	39,613,465.36	March 2026	17,857,367.44	February 2031	7,278,835.94
May 2021	39,156,944.34	April 2026	17,597,715.02	March 2031	7,163,867.84
June 2021	38,703,370.32	May 2026	17,341,558.43	April 2031	7,050,510.55
July 2021	38,252,722.84	June 2026	17,088,852.53	May 2031	6,938,742.81
August 2021	37,804,981.55	July 2026	16,839,552.75	June 2031	6,828,543.61
September 2021	37,360,126.24	August 2026	16,593,615.08	July 2031	6,719,892.23
October 2021	36,918,136.82	September 2026	16,350,996.07	August 2031	6,612,768.22
November 2021	36,478,993.35	October 2026	16,111,652.80	September 2031	6,507,151.36
December 2021	36,042,676.01	November 2026	15,875,542.92	October 2031	6,403,021.71
January 2022	35,609,165.11	December 2026	15,642,624.60	November 2031	6,300,359.58
February 2022	35,178,441.08	January 2027	15,412,856.52	December 2031	6,199,145.54
March 2022	34,750,484.48	February 2027	15,186,197.91	January 2032	6,099,360.39
April 2022	34,325,276.01	March 2027	14,962,608.49	February 2032	6,000,985.20

Aggregate Group IV (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>
March 2032	\$ 5,904,001.27	March 2037	\$ 2,047,490.61	February 2042	\$ 515,908.44
April 2032	5,808,390.12	April 2037	2,007,961.90	March 2042	500,602.02
May 2032	5,714,133.54	May 2037	1,969,032.63	April 2042	485,555.45
June 2032	5,621,213.54	June 2037	1,930,694.57	May 2042	470,764.98
July 2032	5,529,612.36	July 2037	1,892,939.57	June 2042	456,226.92
August 2032	5,439,312.45	August 2037	1,855,759.61	July 2042	441,937.59
September 2032	5,350,296.51	September 2037	1,819,146.78	August 2042	427,893.41
October 2032	5,262,547.46	October 2037	1,783,093.24	September 2042	414,090.80
November 2032	5,176,048.43	November 2037	1,747,591.29	October 2042	400,526.25
December 2032	5,090,782.77	December 2037	1,712,633.31	November 2042	387,196.32
January 2033	5,006,734.03	January 2038	1,678,211.79	December 2042	374,097.57
February 2033	4,923,886.00	February 2038	1,644,319.30	January 2043	361,226.64
March 2033	4,842,222.64	March 2038	1,610,948.53	February 2043	348,580.20
April 2033	4,761,728.16	April 2038	1,578,092.26	March 2043	336,154.97
May 2033	4,682,386.95	May 2038	1,545,743.35	April 2043	323,947.72
June 2033	4,604,183.58	June 2038	1,513,894.78	May 2043	311,955.26
July 2033	4,527,102.86	July 2038	1,482,539.59	June 2043	300,174.44
August 2033	4,451,129.76	August 2038	1,451,670.94	July 2043	288,602.14
September 2033	4,376,249.47	September 2038	1,421,282.07	August 2043	277,235.31
October 2033	4,302,447.36	October 2038	1,391,366.29	September 2043	266,070.93
November 2033	4,229,708.97	November 2038	1,361,917.04	October 2043	255,106.00
December 2033	4,158,020.06	December 2038	1,332,927.80	November 2043	244,337.59
January 2034	4,087,366.55	January 2039	1,304,392.17	December 2043	233,762.81
February 2034	4,017,734.54	February 2039	1,276,303.81	January 2044	223,378.78
March 2034	3,949,110.34	March 2039	1,248,656.49	February 2044	213,182.68
April 2034	3,881,480.39	April 2039	1,221,444.04	March 2044	203,171.73
May 2034	3,814,831.34	May 2039	1,194,660.37	April 2044	193,343.18
June 2034	3,749,149.99	June 2039	1,168,299.49	May 2044	183,694.32
July 2034	3,684,423.34	July 2039	1,142,355.48	June 2044	174,222.47
August 2034	3,620,638.52	August 2039	1,116,822.48	July 2044	164,925.01
September 2034	3,557,782.85	September 2039	1,091,694.74	August 2044	155,799.33
October 2034	3,495,843.82	October 2039	1,066,966.56	September 2044	146,842.87
November 2034	3,434,809.05	November 2039	1,042,632.33	October 2044	138,053.09
December 2034	3,374,666.36	December 2039	1,018,686.51	November 2044	129,427.50
January 2035	3,315,403.69	January 2040	995,123.62	December 2044	120,963.64
February 2035	3,257,009.16	February 2040	971,938.28	January 2045	112,659.08
March 2035	3,199,471.05	March 2040	949,125.15	February 2045	104,511.42
April 2035	3,142,777.76	April 2040	926,679.00	March 2045	96,518.31
May 2035	3,086,917.87	May 2040	904,594.62	April 2045	88,677.42
June 2035	3,031,880.10	June 2040	882,866.91	May 2045	80,986.44
July 2035	2,977,653.30	July 2040	861,490.82	June 2045	73,443.12
August 2035	2,924,226.49	August 2040	840,461.38	July 2045	66,045.21
September 2035	2,871,588.81	September 2040	819,773.65	August 2045	58,790.51
October 2035	2,819,729.55	October 2040	799,422.81	September 2045	51,676.85
November 2035	2,768,638.16	November 2040	779,404.05	October 2045	44,702.08
December 2035	2,718,304.18	December 2040	759,712.67	November 2045	37,864.10
January 2036	2,668,717.33	January 2041	740,344.00	December 2045	31,160.81
February 2036	2,619,867.43	February 2041	721,293.46	January 2046	24,590.15
March 2036	2,571,744.47	March 2041	702,556.49	February 2046	20,054.86
April 2036	2,524,338.53	April 2041	684,128.63	March 2046	15,728.34
May 2036	2,477,639.84	May 2041	666,005.47	April 2046	11,487.84
June 2036	2,431,638.76	June 2041	648,182.65	May 2046	8,844.52
July 2036	2,386,325.76	July 2041	630,655.87	June 2046	6,253.80
August 2036	2,341,691.46	August 2041	613,420.89	July 2046	4,181.71
September 2036	2,297,726.57	September 2041	596,473.53	August 2046	2,275.14
October 2036	2,254,421.94	October 2041	579,809.66	September 2046	406.90
November 2036	2,211,768.54	November 2041	563,425.20	October 2046	19.66
December 2036	2,169,757.45	December 2041	547,316.15	November 2046 and thereafter	0.00
January 2037	2,128,379.87	January 2042	531,478.53		
February 2037	2,087,627.11				

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

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\$1,097,328,670



**Guaranteed
Pass-Through Certificates**

Fannie Mae Trust 2017-54

PROSPECTUS SUPPLEMENT

J.P. Morgan

June 26, 2017
