

\$877,815,558
Government National Mortgage Association

GINNIE MAE®

**Guaranteed REMIC Pass-Through Securities
and MX Securities**

Ginnie Mae REMIC Trust 2019-072

The Securities

The Trust will issue the Classes of Securities listed on the front cover of this offering circular supplement.

The Ginnie Mae Guaranty

Ginnie Mae will guarantee the timely payment of principal and interest on the securities. The Ginnie Mae Guaranty is backed by the full faith and credit of the United States of America.

The Trust and its Assets

The Trust will own (1) Ginnie Mae Certificates and (2) certain previously issued certificates.

The securities may not be suitable investments for you. You should consider carefully the risks of investing in them.

See “Risk Factors” beginning on page S-11 which highlights some of these risks.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be June 28, 2019.

You should read the Base Offering Circular as well as this Supplement.

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

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1						
AC(1)	\$100,000,000	3.50%	PT	FIX	38381WJR0	June 2049
Security Group 2						
CF	35,576,285	(5)	PT	FLT	38381WJS8	June 2049
CS(1)	35,576,285	(5)	NTL(PT)	INV/IO	38381WJT6	June 2049
DB(1)	73,013,000	3.00	PAC I	FIX	38381WJU3	June 2049
WA	5,638,000	3.00	SUP/AD	FIX	38381WJV1	June 2049
WD	1,297,000	3.00	PAC II	FIX	38381WJW9	June 2049
WF	4,902,000	(5)	SUP/AD	FLT/DLY	38381WJX7	June 2049
WS	4,085,000	(5)	SUP/AD	INV/DLY	38381WJY5	June 2049
WZ	2,000	3.00	SUP	FIX/Z	38381WJZ2	June 2049
ZW	3,715	3.00	SUP	FIX/Z	38381WKA5	June 2049
Security Group 3						
BF	20,053,926	(5)	SC/PT	FLT	38381WKB3	May 2048
BS(1)	20,053,926	(5)	NTL(SC/PT)	INV/IO	38381WKC1	May 2048
DE(1)	96,804,000	3.00	SC/PAC I	FIX	38381WKD9	May 2048
JA	9,470,000	3.00	SC/SUP/AD	FIX	38381WKE7	May 2048
JD	6,446,000	3.00	SC/PAC II	FIX	38381WKF4	May 2048
JK	3,800,000	2.50	SC/SUP/AD	FIX	38381WKG2	May 2048
JL	3,800,000	3.50	SC/SUP/AD	FIX	38381WKH0	May 2048
JZ	3,556	3.00	SC/SUP	FIX/Z	38381WKJ6	May 2048
Security Group 4						
FA	83,000,000	(5)	PT	FLT	38381WKK3	June 2049
SA(1)	83,000,000	(5)	NTL(PT)	INV/IO	38381WKL1	June 2049
Security Group 5						
FH	75,000,000	(5)	PT	FLT	38381WKM9	June 2049
HI(1)	3,750,000	(5)	NTL(PT)	INV/IO	38381WKN7	June 2049
HS(1)	75,000,000	(5)	NTL(PT)	INV/IO	38381WKP2	June 2049
Security Group 6						
QI	1,882,274	(5)	NTL(SC/PT)	WAC/IO	38381WKQ0	June 2043
QS	26,348,233	(5)	NTL(SC/PT)	INV/IO	38381WKR8	June 2043
Security Group 7						
DA	2,134,484	3.00	SUP	FIX	38381WKS6	June 2049
FP	14,443,311	(5)	PT	FLT	38381WKT4	June 2049
PA	8,587,000	3.00	PAC	FIX	38381WKU1	May 2049
PE	111,000	3.00	PAC	FIX	38381WKV9	June 2049
SP	14,443,311	(5)	NTL(PT)	INV/IO	38381WKW7	June 2049
Security Group 8						
FK	91,342,489	(5)	PT	FLT	38381WKX5	June 2049
MB(1)	110,261,000	3.00	SEQ/AD	FIX	38381WKY3	April 2046
MZ(1)	11,528,987	3.00	SEQ	FIX/Z	38381WKZ0	June 2049
SK	91,342,489	(5)	NTL(PT)	INV/IO	38381WLA4	June 2049
Security Group 9						
FG(1)	10,460,054	(5)	PT	FLT	38381WLB2	June 2049
FL(1)	8,958,746	(5)	PT	FLT	38381WLC0	June 2049
FW(1)	11,370,000	(5)	PAC/AD	FLT	38381WLD8	June 2049
GC(1)	64,822,000	3.00	PAC/AD	FIX	38381WLE6	November 2048
GT(1)	517,000	3.00	PAC/AD	FIX	38381WLF3	June 2049
GW(1)	2,881,000	3.00	PAC/AD	FIX	38381WLG1	May 2049
GZ	17,504,005	3.50	SUP	FIX/Z	38381WLH9	June 2049
SG(1)	10,460,054	(5)	NTL(PT)	INV/IO	38381WLJ5	June 2049
SL(1)	8,958,746	(5)	NTL(PT)	INV/IO	38381WLK2	June 2049
SW(1)	11,370,000	(5)	NTL(PAC/AD)	INV/IO	38381WLL0	June 2049
Residual						
RR	0	0.00	NPR	NPR	38381WLM8	June 2049

- (1) These Securities may be exchanged for MX Securities described in Schedule I to this Supplement.
- (2) Subject to increase as described under “Increase in Size” in this Supplement. The amount shown for each Notional Class (indicated by “NTL” under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
- (3) As defined under “Class Types” in Appendix I to the Base Offering Circular. The Class Notional Balance of each Notional Class will be reduced as shown under “Terms Sheet — Notional Classes” in this Supplement.
- (4) See “Yield, Maturity and Prepayment Considerations — Final Distribution Date” in this Supplement.
- (5) See “Terms Sheet — Interest Rates” in this Supplement.

BofA Merrill Lynch

Tribal Capital Markets, LLC

The date of this Offering Circular Supplement is June 21, 2019.

AVAILABLE INFORMATION

You should purchase the securities only if you have read and understood the following documents:

- this Offering Circular Supplement (this “Supplement”),
- the Base Offering Circular and
- in the case of the Group 3 and 6 securities, each disclosure document relating to the Underlying Certificates (the “Underlying Certificate Disclosure Documents”).

The Base Offering Circular and the Underlying Certificate Disclosure Documents are available on Ginnie Mae’s website located at <http://www.ginniemae.gov>.

If you do not have access to the internet, call BNY Mellon, which will act as information agent for the Trust, at (800) 234-GNMA, to order copies of the Base Offering Circular. In addition, you can obtain copies of any other document listed above by contacting BNY Mellon at the telephone number listed above.

Please consult the standard abbreviations of Class Types included in the Base Offering Circular as Appendix I and the glossary included in the Base Offering Circular as Appendix II for definitions of capitalized terms.

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TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly “Risk Factors,” and each of the other documents listed under “Available Information.”

Sponsor: BofA Securities, Inc. On or about May 13, 2019, Merrill Lynch, Pierce, Fenner & Smith Incorporated (“MLPFS”) was reorganized into two affiliated broker-dealers (MLPFS and BofA Securities, Inc.) in which BofA Securities, Inc. became the new legal entity for the institutional services that were previously provided by MLPFS.

Co-Sponsor: Tribal Capital Markets, LLC

Trustee: U.S. Bank National Association

Tax Administrator: The Trustee

Closing Date: June 28, 2019

Distribution Date: The 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in July 2019.

Trust Assets:

<u>Trust Asset Group or Subgroup⁽²⁾</u>	<u>Trust Asset Type</u>	<u>Certificate Rate</u>	<u>Original Term To Maturity (in years)</u>
1	Ginnie Mae II	3.500%	30
2	Ginnie Mae II	4.000%	30
3	Underlying Certificate	(1)	(1)
4	Ginnie Mae II	4.000%	30
5	Ginnie Mae II	4.000%	30
6A	Underlying Certificate	(1)	(1)
6B	Underlying Certificate	(1)	(1)
6C	Underlying Certificate	(1)	(1)
7	Ginnie Mae II	5.000%	30
8	Ginnie Mae II	4.500%	30
9A	Ginnie Mae II	4.000%	30
9B	Ginnie Mae II	4.000%	30

⁽¹⁾ Certain information regarding the Underlying Certificates is set forth in Exhibit A to this Supplement.

⁽²⁾ The Group 6 and 9 Trust Assets consist of subgroups, Subgroup 6A, Subgroup 6B, Subgroup 6C, Subgroup 9A and Subgroup 9B, respectively (each, a “Subgroup”).

Security Groups: This series of Securities consists of multiple Security Groups (each, a “Group”), as shown on the front cover of this Supplement and on Schedule I to this Supplement. Payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets⁽¹⁾:

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
Group 1 Trust Assets			
\$100,000,000 ⁽³⁾	357	3	4.044%
Group 2 Trust Assets			
\$124,517,000	357	1	4.520%
Group 4 Trust Assets			
\$83,000,000	347	2	4.528%
Group 5 Trust Assets			
\$75,000,000	358	2	4.480%
Group 7 Trust Assets			
\$25,275,795	357	3	5.252%
Group 8 Trust Assets			
\$213,132,476	357	3	4.956%
Subgroup 9A Trust Assets			
\$62,760,326	358	1	4.540%
Subgroup 9B Trust Assets			
\$53,752,479	358	1	4.540%

⁽¹⁾ As of June 1, 2019.

⁽²⁾ The Mortgage Loans underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

⁽³⁾ More than 10% of the Mortgage Loans underlying the Group 1 Trust Assets may be higher balance Mortgage Loans. See *“Risk Factors” in this Supplement*.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See *“The Trust Assets — The Mortgage Loans” in this Supplement*.

Characteristics of the Mortgage Loans Underlying the Group 3 and 6 Trust Assets: See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans included in the related Underlying Trusts.

Issuance of Securities: The Securities, other than the Residual Securities, will initially be issued in book-entry form through the book-entry system of the U.S. Federal Reserve Banks (the “Fedwire Book-Entry System”). The Residual Securities will be issued in fully registered, certificated form. See *“Description of the Securities — Form of Securities” in this Supplement*.

Modification and Exchange: If you own exchangeable Securities you will be able, upon notice and payment of an exchange fee, to exchange them for a proportionate interest in the related Securities shown on Schedule I to this Supplement. See *“Description of the Securities — Modification and Exchange” in this Supplement*.

Increased Minimum Denomination Classes: Each Class that constitutes an Interest Only Class or Inverse Floating Rate Class. See “Description of the Securities — Form of Securities” in this Supplement.

Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the front cover of this Supplement or on Schedule I to this Supplement.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as “LIBOR”) as follows:

<u>Class</u>	<u>Interest Rate Formula(1)</u>	<u>Initial Interest Rate(2)</u>	<u>Minimum Rate</u>	<u>Maximum Rate</u>	<u>Delay (in days)</u>	<u>LIBOR for Minimum Interest Rate</u>
Security Group 2						
CF	LIBOR + 0.45%	2.88800%	0.45%	6.50%	0	0.00%
CS	6.05% – LIBOR	3.61200%	0.00%	6.05%	0	6.05%
WF	LIBOR + 1.00%	3.43800%	1.00%	5.50%	19	0.00%
WS	5.40% – (LIBOR × 1.2)	2.47440%	0.00%	5.40%	19	4.50%
Security Group 3						
BF	LIBOR + 0.45%	2.88800%	0.45%	6.50%	0	0.00%
BS	6.05% – LIBOR	3.61200%	0.00%	6.05%	0	6.05%
Security Groups 2 and 3						
S	6.05% – LIBOR	3.61200%	0.00%	6.05%	0	6.05%
Security Group 4						
FA	LIBOR + 0.73%	3.15975%	0.73%	4.00%	0	0.00%
SA	3.27% – LIBOR	0.84025%	0.00%	3.27%	0	3.27%
Security Group 5						
FH	LIBOR + 0.68%	3.10975%	0.68%	4.00%	0	0.00%
HS	3.27% – LIBOR	0.84025%	0.00%	3.27%	0	3.27%
HI	66.40% – (LIBOR × 20)	1.00000%	0.00%	1.00%	0	3.32%
SH	3.32% – LIBOR	0.89025%	0.00%	3.32%	0	3.32%
Security Groups 4 and 5						
AS	3.27% – LIBOR	0.84025%	0.00%	3.27%	0	3.27%
Security Group 6						
QS	6.65% – LIBOR	4.26712%	0.00%	6.65%	0	6.65%
Security Group 7						
FP	LIBOR + 0.45%	2.86063%	0.45%	6.50%	0	0.00%
SP	6.05% – LIBOR	3.63937%	0.00%	6.05%	0	6.05%
Security Group 8						
FK	LIBOR + 0.45%	2.88200%	0.45%	6.50%	0	0.00%
SK	6.05% – LIBOR	3.61800%	0.00%	6.05%	0	6.05%
Security Group 9						
FG	LIBOR + 0.40%	2.50400%	0.40%	6.50%	0	0.00%
FL	LIBOR + 0.40%	2.50400%	0.40%	6.50%	0	0.00%
FW	LIBOR + 0.40%	2.50400%	0.40%	6.50%	0	0.00%
GF	LIBOR + 0.40%	2.50400%	0.40%	6.50%	0	0.00%
GS	6.10% – LIBOR	3.99600%	0.00%	6.10%	0	6.10%
LS	6.10% – LIBOR	3.99600%	0.00%	6.10%	0	6.10%
SG	6.10% – LIBOR	3.99600%	0.00%	6.10%	0	6.10%
SL	6.10% – LIBOR	3.99600%	0.00%	6.10%	0	6.10%
SW	6.10% – LIBOR	3.99600%	0.00%	6.10%	0	6.10%

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- (1) LIBOR will be established on the basis of the ICE LIBOR method, as described under “Description of the Securities — Interest Distributions — Floating Rate and Inverse Floating Rate Classes” in this Supplement.
 - (2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

Class QI is a Weighted Average Coupon Class that will accrue interest during each Accrual Period at a per annum Interest Rate equal to the total interest accrued on the Group 6 Trust Assets less the accrued interest of Class QS for that Accrual Period, multiplied by 12, and divided by the Class Notional Balance of Class QI (before giving effect to any payments on such Distribution Date) for such Accrual Period. The approximate initial Interest Rate for Class QI, which will be in effect for the first Accrual Period, is 1.00000%.

Allocation of Principal: On each Distribution Date for a Security Group, the following distributions will be made to the related Securities:

SECURITY GROUP 1

The Group 1 Principal Distribution Amount will be allocated to AC, until retired

SECURITY GROUP 2

The Group 2 Principal Distribution Amount, the WZ Accrual Amount and the ZW Accrual Amount will be allocated as follows:

- The WZ Accrual Amount, sequentially, to WA and WZ, in that order, until retired
- The ZW Accrual Amount in the following order of priority:
 1. Concurrently, to WF and WS, pro rata, until retired
 2. To ZW, until retired
- The Group 2 Principal Distribution Amount, concurrently, as follows:
 1. 28.5714279978% to CF, until retired
 2. 71.4285720022% in the following order of priority:
 - a. To DB, until reduced to its Scheduled Principal Balance for that Distribution Date
 - b. Concurrently, as follows:
 - i. 56.4469856473% in the following order of priority:
 - A. Concurrently, to WF and WS, pro rata, until retired
 - B. To ZW, until retired
 - ii. 43.5530143527% in the following order of priority:
 - A. To WD, until reduced to its Scheduled Principal Balance for that Distribution Date
 - B. Sequentially, to WA and WZ, in that order, until retired
 - C. To WD, without regard to its Scheduled Principal Balance, until retired
 - c. To DB, without regard to its Scheduled Principal Balance, until retired

SECURITY GROUP 3

The Group 3 Principal Distribution Amount and the JZ Accrual Amount will be allocated as follows:

- The JZ Accrual Amount in the following order of priority:
 1. Concurrently, to JA, JK and JL, pro rata, until retired
 2. To JZ, until retired
- The Group 3 Principal Distribution Amount, concurrently, as follows:
 1. 14.2857142857% to BF, until retired
 2. 85.7142857143% in the following order of priority:
 - a. To DE, until reduced to its Scheduled Principal Balance for that Distribution Date
 - b. To JD, until reduced to its Scheduled Principal Balance for that Distribution Date
 - c. Concurrently, to JA, JK and JL, pro rata, until retired
 - d. To JZ, until retired
 - e. To JD, without regard to its Scheduled Principal Balance, until retired
 - f. To DE, without regard to its Scheduled Principal Balance, until retired

SECURITY GROUP 4

The Group 4 Principal Distribution Amount will be allocated to FA, until retired

SECURITY GROUP 5

The Group 5 Principal Distribution Amount will be allocated to FH, until retired

SECURITY GROUP 7

The Group 7 Principal Distribution Amount will be allocated, concurrently, as follows:

- 57.1428554473% to FP, until retired
- 42.8571445527% in the following order of priority:
 1. Sequentially, to PA and PE, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
 2. To DA, until retired
 3. Sequentially, to PA and PE, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 8

The Group 8 Principal Distribution Amount and the MZ Accrual Amount will be allocated as follows:

- The MZ Accrual Amount, sequentially, to MB and MZ, in that order, until retired
- The Group 8 Principal Distribution Amount, concurrently, as follows:
 1. 42.8571425220% to FK, until retired
 2. 57.1428574780%, sequentially, to MB and MZ, in that order, until retired

SECURITY GROUP 9

The Subgroup 9A Principal Distribution Amount, the Subgroup 9B Principal Distribution Amount and the GZ Accrual Amount will be allocated as follows:

- 16.6666661355% of the Subgroup 9A Principal Distribution Amount to FG, until retired
- 16.6666657365% of the Subgroup 9B Principal Distribution Amount to FL, until retired
- The remainder of the Subgroup 9A Principal Distribution Amount, the remainder of the Subgroup 9B Principal Distribution Amount and the GZ Accrual Amount in the following order of priority:
 1. To the FW, GC, GT and GW, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, concurrently, as follows:
 - a. 14.2857142857% to FW, while outstanding
 - b. 85.7142857143%, sequentially, to GC, GW and GT, in that order, while outstanding
 2. To GZ, until retired
 3. To the FW, GC, GT and GW, in the same manner and order of priority as described in step 1. above, but without regard to their Aggregate Scheduled Principal Balance, until retired

Scheduled Principal Balances: The Scheduled Principal Balances or Aggregate Scheduled Principal Balances for the Classes listed below are included in Schedule II to this Supplement. They were calculated using among other things the following Structuring Ranges:

Security Group	Class	Structuring Ranges
PAC Classes		
7	PA and PE (in the aggregate)	200% PSA through 350% PSA
9	FW, GC, GT and GW (in the aggregate)	150% PSA through 300% PSA
PAC I Classes		
2	DB	120% PSA through 215% PSA
3	DE	120% PSA through 225% PSA
PAC II Classes		
2	WD	136% PSA through 215% PSA
3	JD	145% PSA through 225% PSA

Accrual Classes: Interest will accrue on each Accrual Class identified on the front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Classes as interest. Interest so accrued on each Accrual Class on each Distribution Date will constitute an Accrual Amount, which will be added to the Class Principal Balance of that Class on each Distribution Date and will be distributable as principal as set forth in this Terms Sheet under “Allocation of Principal.”

Notional Classes: The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances of the related Class or Classes or the outstanding notional balance of the related Trust Asset Group or Subgroup indicated:

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
Security Group 1		
AI	\$ 42,857,142	42.8571428571% of AC (PT Class)
Security Group 2		
CS	\$ 35,576,285	100% of CF (PT Class)
Security Group 3		
BS	\$ 20,053,926	100% of BF (SC/PT Class)
Security Groups 2 and 3		
DI	\$ 18,253,250	25% of DB (PAC I Class)
	24,201,000	25% of DE (SC/PAC I Class)
	<u>\$ 42,454,250</u>	
S	\$ 35,576,285	100% of CF (PT Class)
	20,053,926	100% of BF (SC/PT Class)
	<u>\$ 55,630,211</u>	
Security Group 4		
SA	\$ 83,000,000	100% of FA (PT Class)
Security Group 5		
HI	\$ 3,750,000	5% of FH (PT Class)
HS	75,000,000	100% of FH (PT Class)
SH	75,000,000	100% of FH (PT Class)
Security Groups 4 and 5		
AS	\$158,000,000	100% of FA and FH (in the aggregate) (PT Classes)
Security Group 6		
QI	\$ 1,308,291	10% of the Subgroup 6A Trust Assets
	573,983	5% of the Subgroup 6B Trust Assets
	<u>\$ 1,882,274</u>	
QS	\$ 26,348,233	100% of the Group 6 Trust Assets
Security Group 7		
SP	\$ 14,443,311	100% of FP (PT Class)
Security Group 8		
KI	\$ 24,502,444	22.2222222222% of MB (SEQ/AD Class)
	2,561,997	22.2222222222% of MZ (SEQ Class)
	<u>\$ 27,064,441</u>	
MI	\$ 24,502,444	22.2222222222% of MB (SEQ/AD Class)
SK	91,342,489	100% of FK (PT Class)

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
Security Group 9		
GI	\$ 16,205,500	25% of GC (PAC/AD Class)
GS	\$ 19,418,800	100% of FG and FL (in the aggregate) (PT Classes)
	11,370,000	100% of FW (PAC/AD Class)
	<u>\$ 30,788,800</u>	
IL	\$ 17,055,000	25% of GC, GT and GW (in the aggregate) (PAC/AD Classes)
LI	16,925,750	25% of GC and GW (in the aggregate) (PAC/AD Classes)
LS	19,418,800	100% of FG and FL (in the aggregate) (PT Classes)
SG	10,460,054	100% of FG (PT Class)
SL	8,958,746	100% of FL (PT Class)
SW	11,370,000	100% of FW (PAC/AD Class)

Tax Status: Double REMIC Series. See “*Certain United States Federal Income Tax Consequences*” in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Class RR is a Residual Class and represents the Residual Interest of the Issuing REMIC and the Pooling REMIC. All other Classes of REMIC Securities are Regular Classes.

RISK FACTORS

You should purchase securities only if you understand and are able to bear the associated risks. The risks applicable to your investment depend on the principal and interest type of your securities. This section highlights certain of these risks.

The rate of principal payments on the underlying mortgage loans will affect the rate of principal payments on your securities.

The rate at which you will receive principal payments will depend largely on the rate of principal payments, including prepayments, on the mortgage loans underlying the related trust assets. Any historical data regarding mortgage loan prepayment rates may not be indicative of the rate of future prepayments on the underlying mortgage loans, and no assurances can be given about the rates at which the underlying mortgage loans will prepay. We expect the rate of principal payments on the underlying mortgage loans to vary. Borrowers generally may prepay their mortgage loans at any time without penalty.

The terms of the mortgage loans may be modified to permit, among other things, a partial release of security, which releases a portion of the mortgaged property from the lien securing the related mortgage loan. Partial releases of security may reduce the value of the remaining security and also allow the related borrower to sell the released property and generate proceeds that may be used to prepay the related mortgage loan in whole or in part.

In addition to voluntary prepayments, mortgage loans can be prepaid as a result of governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted mortgage loans. Although under certain circumstances Ginnie Mae issuers have the option to repurchase defaulted mortgage loans from the related pool underlying a Ginnie Mae MBS certificate, they are not obligated to do so. Defaulted mortgage loans that remain in pools backing Ginnie Mae MBS certificates may be subject to governmental mortgage insurance claim payments, loss mitigation arrangements or foreclosure, which could have the same effect as voluntary prepayments on the cash flow available to pay the securities.

A catastrophic weather event or other natural disaster may affect the rate of principal payments, including prepayments, on the underlying mortgage loans. Any such event may damage the related mortgaged properties that secure the mortgage loans and may lead to a general economic downturn in the affected regions, including job losses and declines in real estate values. A general economic downturn may increase the rate of defaults on the mortgage loans in such areas resulting in prepayments on the related securities due to governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted mortgage loans. Insurance payments on damaged or destroyed homes may also lead to prepayments on the underlying mortgage loans. Further, in connection with presidentially declared major disasters, Ginnie Mae may authorize optional special assistance to issuers, including expanded buyout authority which allows issuers, upon receiving written approval from Ginnie Mae, to repurchase eligible loans from the related pool underlying a Ginnie Mae MBS certificate, even if such loans are not delinquent or do not otherwise meet the standard conditions for removal or repurchase.

No assurances can be given as to the timing or frequency of any governmental mortgage insurance claim payments, issuer repurchases, loss mitigation arrangements or foreclosure proceedings with respect to defaulted mortgage loans and the resulting effect on the timing or rate of principal payments on your securities.

Rates of principal payments can reduce your yield. The yield on your securities probably will be lower than you expect if:

- you bought your securities at a premium (interest only securities, for example) and principal payments are faster than you expected, or
- you bought your securities at a discount and principal payments are slower than you expected.

In addition, if your securities are interest only securities or securities purchased at a significant premium, you could lose money on your investment if prepayments occur at a rapid rate.

Under certain circumstances, a Ginnie Mae issuer has the right to repurchase a defaulted mortgage loan from the related pool of mortgage loans underlying a particular Ginnie Mae MBS certificate, the effect of which would be comparable to a prepayment of such mortgage loan. At its option and without Ginnie Mae's prior consent, a Ginnie Mae issuer may repurchase any mortgage loan at an amount equal to par less any amounts previously advanced by such issuer in connection with its responsibilities as servicer of such mortgage loan to the extent that (i) in the case of a mortgage loan included in a pool of mortgage loans underlying a Ginnie Mae MBS certificate issued on or before December 1, 2002, such mortgage loan has been delinquent for four consecutive months, and at least one delinquent payment remains uncured or (ii) in the case of a mortgage loan included in a pool of mortgage loans underlying a Ginnie Mae MBS certificate issued on or after January 1, 2003, no payment has been made on such mortgage loan for three consecutive months. Any such repurchase will result in prepayment of the principal balance or reduction in the notional balance of the securities ultimately backed by such mortgage loan. No assurances can be given as to the timing or frequency of any such repurchases.

The level of LIBOR will affect the yields on the floating rate and inverse floating rate securities and the Class QI securities. If LIBOR performs differently from what you expect, the yield on your securities may be lower than you expect. Lower levels of LIBOR will generally reduce the yield on floating rate securities; higher levels of LIBOR will generally reduce the yield on inverse floating rate securities and the Class QI securities. You should bear in mind that the timing of changes in the level of LIBOR may affect your yield: generally, the earlier a change, the greater the effect on your yield. It is doubtful that LIBOR will remain constant.

An investment in the securities is subject to significant reinvestment risk. The rate of principal payments on your securities is uncertain. You may be unable to reinvest the payments on your securities at the same returns provided by the securities. Lower prevailing interest rates may result in an unexpected return of principal. In that interest rate climate, higher yielding reinvestment opportunities may be limited. Conversely, higher prevailing interest rates may result in slower returns of principal, and you may not be able to take advantage of higher yielding investment opportunities. The final payment on your security may occur much earlier than the final distribution date.

Support securities will be more sensitive to rates of principal payments than other securities. If principal prepayments result in principal distributions on any distribution date equal to or less than the amount needed to produce scheduled payments on the PAC classes, the related support class or classes will not receive any principal distribution on that date (other than from any applicable accrual amount). If prepayments result in principal distributions on any distribution date greater than the amount needed to produce scheduled payments on the related PAC classes for that distribution date, this excess will be distributed to the related support class or classes.

The rate of payments on the underlying certificates will directly affect the rate of payments on the group 3 and 6 securities. The underlying certificates will be sensitive in varying degrees to the rate of payments of principal (including prepayments) of the related mortgage loans.

As described in the related underlying certificate disclosure documents, the reductions in notional balance of the underlying certificates included in trust asset subgroups 6A and 6B on any payment date are calculated on the basis of schedules; no assurance can be given that the underlying certificates will adhere to their schedules. Further, prepayments on the related mortgage loans may have occurred at rates faster or slower than those initially assumed.

The trust assets underlying the underlying certificates included in trust asset subgroups 6A and 6C are also previously issued certificates that represent beneficial ownership interests in separate trusts. The rate of payments on the previously issued certificates backing these underlying certificates will directly affect the timing and rate of payments on the group 6 securities. You should read the related underlying certificate disclosure documents, including the risk factors contained therein, to understand the payments on and related risks of the previously issued certificates backing these underlying certificates.

This supplement contains no information as to whether the related classes with which the notional underlying certificates reduce have adhered to any applicable principal balance schedules or whether the underlying certificates otherwise have performed as originally anticipated. Additional information as to the underlying certificates may be obtained by performing an analysis of current principal factors of the underlying certificates in light of applicable information contained in the related underlying certificate disclosure documents.

Up to 10% of the mortgage loans underlying the group 2 and 4 through 9 trust assets and up to 100% of the mortgage loans underlying the group 1 and 3 trust assets may be higher balance mortgage loans.

Subject to special pooling parameters set forth in the Ginnie Mae Mortgage-Backed Securities Guide, qualifying federally-insured or guaranteed mortgage loans that exceed certain balance thresholds established by Ginnie Mae (“higher balance mortgage loans”) may be included in Ginnie Mae guaranteed pools. There are no historical performance data regarding the prepayment rates for higher balance mortgage loans. If the higher balance mortgage loans prepay faster or slower than expected, the weighted average lives and yields of the related securities are likely to be affected, perhaps significantly. Furthermore, higher balance mortgage loans tend to be concentrated in certain geographic areas, which may experience relatively higher rates of

defaults in the event of adverse economic conditions. No assurances can be given about the prepayment experience or performance of the higher balance mortgage loans.

Changes to, or elimination of, LIBOR could adversely affect your investment in the securities.

On July 27, 2017, the U.K.-based Financial Conduct Authority (the “FCA”) announced its intention to cease sustaining LIBOR after 2021. The FCA indicated that it does not intend to sustain LIBOR through using its influence or legal powers beyond that date. It is possible that the ICE Benchmark Administration (“IBA”) and the reference banks could continue to produce LIBOR on the current basis after 2021, if they are willing and able to do so, but it cannot be assured that LIBOR will survive in its current form, or at all. In the event IBA ceases to set or publish a rate for LIBOR, the Trustee shall propose a new index for approval by Ginnie Mae based upon comparable information and methodology. The Trustee shall propose an alternative index only if it receives an opinion of counsel that the selection of such alternative index will not cause the related Trust REMIC or REMICs to lose their classification as REMICs for United States federal income tax purposes. The effect of the FCA’s decision not to sustain LIBOR, or, if changes are ultimately made to LIBOR, the effect of those changes, cannot be predicted. In addition, it cannot be predicted what alternative index would be chosen should this occur. If LIBOR in its current form does not survive or if an alternative index is chosen, the market value and/or liquidity of securities with distributions or interest rates based on LIBOR could be adversely affected.

The securities may not be a suitable investment for you.

The securities, especially the group 3 and 6 securities and, in particular, the support, interest only, inverse floating rate, accrual and residual classes, are not suitable investments for all investors.

In addition, although the sponsor intends to make a market for the purchase and sale of the securities after their initial issuance, it has no obligation to do so. There is no assurance that a

secondary market will develop, that any secondary market will continue, or that the price at which you can sell an investment in any class will enable you to realize a desired yield on that investment.

You will bear the market risks of your investment. The market values of the classes are likely to fluctuate. These fluctuations may be significant and could result in significant losses to you.

The secondary markets for mortgage-related securities have experienced periods of illiquidity and can be expected to do so in the future. Illiquidity can have a severely adverse effect on the prices of classes that are especially sensitive to prepayment or interest rate risk or that have been structured to meet the investment requirements of limited categories of investors.

The residual securities may experience significant adverse tax timing consequences. Accordingly, you are urged to consult tax advisors and to consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. See *"Certain United States Federal Income Tax Con-*

sequences" in this supplement and in the base offering circular.

You are encouraged to consult advisors regarding the financial, legal, tax and other aspects of an investment in the securities. You should not purchase the securities of any class unless you understand and are able to bear the prepayment, yield, liquidity and market risks associated with that class.

The actual characteristics of the underlying mortgage loans will affect the weighted average lives and yields of your securities.

The yield and decrement tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. As a result, the yields on your securities could be lower than you expected, even if the mortgage loans prepay at the constant prepayment rates set forth in the applicable table.

It is highly unlikely that the underlying mortgage loans will prepay at any of the prepayment rates assumed in this supplement, or at any constant prepayment rate.

THE TRUST ASSETS

General

The Sponsor intends to acquire the Trust Assets in privately negotiated transactions prior to the Closing Date and to sell them to the Trust according to the terms of a Trust Agreement between the Sponsor and the Trustee. The Sponsor will make certain representations and warranties with respect to the Trust Assets. All Trust Assets, regardless of whether the assets consist of Trust MBS or the Underlying Certificates, will evidence, directly or indirectly, Ginnie Mae Certificates.

The Trust MBS (Groups 1, 2, 4, 5, 7, 8 and 9)

The Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets are either:

1. Ginnie Mae II MBS Certificates guaranteed by Ginnie Mae, or
2. Ginnie Mae Platinum Certificates backed by Ginnie Mae II MBS Certificates and guaranteed by Ginnie Mae.

Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued prior to July 1, 2003 bears interest at a Mortgage Rate 0.50% to 1.50% per annum greater than the related Certificate Rate. Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued on or after July 1, 2003 bears interest at a

Mortgage Rate 0.25% to 0.75% per annum greater than the related Certificate Rate. Ginnie Mae receives a fee (the “Ginnie Mae Certificate Guaranty Fee”) for its guaranty of each Ginnie Mae II MBS Certificate of 0.06% per annum of the outstanding principal balance of each related Mortgage Loan. The difference between (a) the Mortgage Rate and (b) the sum of the Certificate Rate and the rate of the Ginnie Mae Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

The Underlying Certificates (Groups 3 and 6)

The Group 3 and 6 Trust Assets are Underlying Certificates that represent beneficial ownership interests in one or more separate trusts, the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. Each Underlying Certificate constitutes all or a portion of a class of a separate Series of certificates described in the related Underlying Certificate Disclosure Document. Each Underlying Certificate Disclosure Document may be obtained from the Information Agent as described under “Available Information” in this Supplement. Investors are cautioned that material changes in facts and circumstances may have occurred since the date of each Underlying Certificate Disclosure Document, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions used in preparing the information included in, the offering document. *See “Underlying Certificates” in the Base Offering Circular.*

Each Underlying Certificate provides for monthly distributions and is further described in the table contained in Exhibit A to this Supplement. The table also sets forth information regarding approximate weighted average remaining terms to maturity, loan ages and mortgage rates of the Mortgage Loans underlying the related Ginnie Mae Certificates.

The Mortgage Loans

The Mortgage Loans underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in the Terms Sheet under “Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets” and the general characteristics described in the Base Offering Circular. The Mortgage Loans underlying the Underlying Certificates are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A to this Supplement. The Mortgage Loans will consist of first lien, single-family, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, Rural Development (formerly the Rural Housing Service) or the United States Department of Housing and Urban Development (“HUD”). *See “The Ginnie Mae Certificates — General” in the Base Offering Circular.*

Specific information regarding the characteristics of the Mortgage Loans underlying the Trust MBS is not available. For purposes of this Supplement, certain assumptions have been made regarding the remaining terms to maturity, loan ages and Mortgage Rates of the Mortgage Loans underlying the Trust MBS. However, the actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Mortgage Loans are the same as the assumed characteristics. Small differences in the characteristics of the Mortgage Loans can have a significant effect on the Weighted Average Lives and yields of the Securities. *See “Risk Factors” and “Yield, Maturity and Prepayment Considerations” in this Supplement.*

The Trustee Fee

The Sponsor will contribute certain Ginnie Mae Certificates in respect of the Trustee Fee. On each Distribution Date, the Trustee will retain all principal and interest distributions received on such Ginnie Mae Certificates in payment of the Trustee Fee.

GINNIE MAE GUARANTY

The Government National Mortgage Association (“Ginnie Mae”), a wholly-owned corporate instrumentality of the United States of America within HUD, guarantees the timely payment of principal and interest on the Securities. The General Counsel of HUD has provided an opinion to the effect that Ginnie Mae has the authority to guarantee multiclass securities and that Ginnie Mae guaranties will constitute general obligations of the United States, for which the full faith and credit of the United States is pledged. *See “Ginnie Mae Guaranty” in the Base Offering Circular.*

DESCRIPTION OF THE SECURITIES

General

The description of the Securities contained in this Supplement is not complete and is subject to, and is qualified in its entirety by reference to, all of the provisions of the Trust Agreement. *See “Description of the Securities” in the Base Offering Circular.*

Form of Securities

Each Class of Securities other than the Residual Securities initially will be issued and maintained, and may be transferred only on the Fedwire Book-Entry System. Beneficial Owners of Book-Entry Securities will ordinarily hold these Securities through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations that are eligible to maintain book-entry accounts on the Fedwire Book-Entry System. By request accompanied by the payment of a transfer fee of \$25,000 per Certificated Security to be issued, a Beneficial Owner may receive a Regular Security in certificated form.

The Residual Securities will not be issued in book-entry form but will be issued in fully registered, certificated form and may be transferred or exchanged, subject to the transfer restrictions applicable to Residual Securities set forth in the Trust Agreement, at the Corporate Trust Office of the Trustee. *See “Description of the Securities — Forms of Securities; Book-Entry Procedures” in the Base Offering Circular.*

Each Regular and MX Class (other than the Increased Minimum Denomination Classes) will be issued in minimum dollar denominations of initial principal balance of \$1,000 and integral multiples of \$1 in excess of \$1,000. The Increased Minimum Denomination Classes will be issued in minimum denominations that equal \$100,000 in initial principal or notional balance.

Distributions

Distributions on the Securities will be made on each Distribution Date as specified under “Terms Sheet — Distribution Date” in this Supplement. On each Distribution Date for a Security, or in the case of the Certificated Securities, on the first Business Day after the related Distribution Date, the Distribution Amount will be distributed to the Holders of record as of the related Record Date. Beneficial Owners of Book-Entry Securities will receive distributions through credits to accounts maintained for their benefit on the books and records of the appropriate financial intermediaries. Holders of Certifi-

cated Securities will receive distributions by check or, subject to the restrictions set forth in the Base Offering Circular, by wire transfer. See “*Description of the Securities — Distributions*” and “*— Method of Distributions*” in the Base Offering Circular.

Interest Distributions

The Interest Distribution Amount will be distributed on each Distribution Date to the Holders of all Classes of Securities entitled to distributions of interest.

- Interest will be calculated on the basis of a 360-day year consisting of twelve 30-day months.
- Interest distributable (or accrued in the case of an Accrual Class) on any Class for any Distribution Date will consist of 30 days’ interest on its Class Principal Balance (or Class Notional Balance) as of the related Record Date.
- Investors can calculate the amount of interest to be distributed (or accrued in the case of an Accrual Class) on each Class of Securities for any Distribution Date by using the Class Factors published in the preceding month. See “*— Class Factors*” below.

Categories of Classes

For purposes of interest distributions, the Classes will be categorized as shown under “Interest Type” on the front cover of this Supplement and on Schedule I to this Supplement. The abbreviations used in this Supplement to describe the interest entitlements of the Classes are explained under “Class Types” in Appendix I to the Base Offering Circular.

Accrual Periods

The Accrual Period for each Regular and MX Class is set forth in the table below:

Class	Accrual Period
Fixed Rate and Delay Classes	The calendar month preceding the related Distribution Date
Floating Rate and Inverse Floating Rate Classes (other than Delay Classes) and Class QI	From the 20th day of the month preceding the month of the related Distribution Date through the 19th day of the month of that Distribution Date

Fixed Rate Classes

Each Fixed Rate Class will bear interest at the per annum Interest Rate shown on the front cover of this Supplement or on Schedule I to this Supplement.

Floating Rate and Inverse Floating Rate Classes

The Floating Rate and Inverse Floating Rate Classes will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement. The Interest Rates for the Floating Rate and Inverse Floating Rate Classes will be based on LIBOR. The Trustee or its agent will determine LIBOR on the basis of the ICE LIBOR method, as described under “Description of the Securities — Interest Rate Indices — Determination of LIBOR — ICE LIBOR” in the Base Offering Circular. In the case of the Group 6 Securities, the Trustee will use the same values of LIBOR as are used for the related Underlying Certificates (which will be determined on the basis of the ICE LIBOR method).

We can provide no assurance that LIBOR for a Distribution Date accurately represents the offered rate at which one-month U.S. dollar deposits are being quoted to prime banks in the London interbank market, nor that the procedures for calculating LIBOR on the basis of the ICE LIBOR method for one-month U.S. dollar deposits will not change. Any change in LIBOR values resulting from any change in reporting or in the determination of LIBOR may cause LIBOR to fluctuate disproportionately to changes in other market lending rates.

Weighted Average Coupon Class

The Weighted Average Coupon Class will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement.

The Trustee’s determination of LIBOR and its calculation of the Interest Rates will be final except in the case of clear error. Investors can obtain LIBOR levels and Interest Rates for the current and preceding Accrual Periods on Ginnie Mae’s website or by calling the Information Agent at (800) 234-GNMA.

Accrual Classes

Each of Classes GZ, JZ, MZ, WZ and ZW is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under “Terms Sheet — Accrual Classes” in this Supplement.

Principal Distributions

The Principal Distribution Amount for each Group or Subgroup, as applicable, and each Accrual Amount will be distributed to the Holders entitled thereto as described under “Terms Sheet — Allocation of Principal” in this Supplement. Investors can calculate the amount of principal to be distributed with respect to any Distribution Date by using the Class Factors published in the preceding and current months. See “— Class Factors” below.

Categories of Classes

For purposes of principal distributions, the Classes will be categorized as shown under “Principal Type” on the front cover of this Supplement and on Schedule I to this Supplement. The abbreviations used in this Supplement to describe the principal entitlements of the Classes are explained under “Class Types” in Appendix I to the Base Offering Circular.

Notional Classes

The Notional Classes will not receive principal distributions. For convenience in describing interest distributions, the Notional Classes will have the original Class Notional Balances shown on the front cover of this Supplement and on Schedule I to this Supplement. The Class Notional Balances will be reduced as shown under “Terms Sheet — Notional Classes” in this Supplement.

Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Issuing REMIC and the beneficial ownership of the Residual Interest in the Pooling REMIC, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. The Class RR Securities have no Class Principal Balance and do not accrue interest. The Class RR Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMICs after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

Class Factors

The Trustee will calculate and make available for each Class of Securities, no later than the day preceding the Distribution Date, the factor (carried out to eight decimal places) that when multiplied by the Original Class Principal Balance (or original Class Notional Balance) of that Class, determines the Class Principal Balance (or Class Notional Balance) after giving effect to the distribution of principal to be made on the Securities (and any addition to the Class Principal Balance of an Accrual Class) or any reduction of Class Notional Balance on that Distribution Date (each, a “Class Factor”).

- The Class Factor for any Class of Securities for each month following the issuance of the Securities will reflect its remaining Class Principal Balance (or Class Notional Balance) after giving effect to any principal distribution (or addition to principal) to be made or any reduction of Class Notional Balance on the Distribution Date occurring in that month.
- The Class Factor for each Class for the month of issuance is 1.00000000.
- The Class Factors for the MX Classes and the Classes of REMIC Securities that are exchangeable for the MX Classes will be calculated assuming that the maximum possible amount of each Class is outstanding at all times, regardless of any exchanges that may occur.
- Based on the Class Factors published in the preceding and current months (and Interest Rates), investors in any Class (other than an Accrual Class) can calculate the amount of principal and interest to be distributed to that Class and investors in an Accrual Class can calculate the total amount of principal to be distributed to (or interest to be added to the Class Principal Balance of) that Class on the Distribution Date in the current month.
- Investors may obtain current Class Factors on Ginnie Mae’s website.

See “Description of the Securities — Distributions” in the Base Offering Circular.

Termination

The Trustee, at its option, may purchase or cause the sale of the Trust Assets and thereby terminate the Trust on any Distribution Date on which the aggregate of the Class Principal Balances of the Securities is less than 1% of the aggregate Original Class Principal Balances of the Securities. On any Distribution Date upon the Trustee’s determination that the REMIC status of any Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year, the Trustee will terminate the Trust and retire the Securities.

Upon any termination of the Trust, the Holder of any outstanding Security (other than a Residual or Notional Class Security) will be entitled to receive that Holder’s allocable share of the Class Principal Balance of that Class plus any accrued and unpaid interest thereon at the applicable Interest Rate, and any Holder of any outstanding Notional Class Security will be entitled to receive that Holder’s allocable share of any accrued and unpaid interest thereon at the applicable Interest Rate. The Residual Holders will be entitled to their pro rata share of any assets remaining in the Trust REMICs after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

Modification and Exchange

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 1, 2, 6, 7, 8, 9 and 10, other related MX Classes. This process may occur repeatedly.

Each exchange may be effected only in proportions that result in the principal and interest entitlements of the Securities received being equal to the entitlements of the Securities surrendered.

In the case of Combinations 1, 2, 6, 7, 8, 9 and 10, the related REMIC Securities may be exchanged for proportionate interests in various subcombinations of MX Classes. Similarly, all or a portion of these MX Classes may be exchanged for proportionate interests in the related REMIC Securities or in other subcombinations of the related MX Classes. Each subcombination may be effected only in proportions that result in the principal and interest entitlements of the Securities received being equal to the entitlements of the Securities surrendered. *See the example under “Description of the Securities — Modification and Exchange” in the Base Offering Circular.*

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner’s Book-Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal and notional balances of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee by email to USBGNMATEam@usbank.com or in writing at its Corporate Trust Office at U.S. Bank National Association, One Federal Street, 3rd Floor, Boston, Massachusetts, 02110, Attention: Ginnie Mae REMIC Trust 2019-072. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

A fee will be payable to the Trustee in connection with each exchange equal to 1/32 of 1% of the outstanding principal balance (or notional balance) of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000); provided, however, that no fee will be payable in respect of an interest only security unless all securities involved in the exchange are interest only securities. The fee must be paid concurrently with the exchange.

The first distribution on a REMIC Security or an MX Security received in an exchange will be made on the Distribution Date in the month following the month of the exchange. The distribution will be made to the Holder of record as of the Record Date in the month of exchange.

See “Description of the Securities — Modification and Exchange” in the Base Offering Circular.

YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

General

The prepayment experience of the Mortgage Loans will affect the Weighted Average Lives of and the yields realized by investors in the related Securities.

- The Mortgage Loans do not contain “due-on-sale” provisions, and any Mortgage Loan may be prepaid in full or in part at any time without penalty.
- The rate of payments (including prepayments and payments in respect of liquidations) on the Mortgage Loans is dependent on a variety of economic, geographic, social and other factors, including prevailing market interest rates and general economic factors.

The rate of prepayments with respect to single-family mortgage loans has fluctuated significantly in recent years. Although there is no assurance that prepayment patterns for the Mortgage Loans will conform to patterns for more traditional types of conventional fixed rate mortgage loans, generally:

- if mortgage interest rates fall materially below the Mortgage Rates on any of the Mortgage Loans (giving consideration to the cost of refinancing), the rate of prepayment of those Mortgage Loans would be expected to increase; and

- if mortgage interest rates rise materially above the Mortgage Rates on any of the Mortgage Loans, the rate of prepayment of those Mortgage Loans would be expected to decrease.

In addition, following any Mortgage Loan default and the subsequent liquidation of the underlying Mortgaged Property, the principal balance of the Mortgage Loan will be distributed through a combination of liquidation proceeds, advances from the related Ginnie Mae Issuer and, to the extent necessary, proceeds of Ginnie Mae's guaranty of the Ginnie Mae Certificates. As a result, defaults experienced on the Mortgage Loans will accelerate the distribution of principal of the Securities.

The terms of the Mortgage Loans may be modified to permit, among other things, a partial release of security, which releases a portion of the mortgaged property from the lien securing the related Mortgage Loan. Partial releases of security may allow the related borrower to sell the released property and generate proceeds that may be used to prepay the related Mortgage Loan in whole or in part.

Under certain circumstances, the Trustee has the option to purchase the Trust Assets, thereby effecting early retirement of the Securities. See *"Description of the Securities — Termination"* in this Supplement.

Investors in the Group 3 and 6 Securities are urged to review the discussion under *"Risk Factors — The rate of payments on the underlying certificates will directly affect the rate of payments on the group 3 and 6 securities"* in this Supplement.

Accretion Directed Classes

Classes FW, GC, GT, GW, JA, JK, JL, MB, WA, WF and WS are Accretion Directed Classes. The related Accrual Amount will be applied to making principal distributions on those Classes as described in this Supplement. Class SW is a Notional Class whose Class Notional Balance is determined by reference to the Class Principal Balance of Class FW shown under *"Terms Sheet — Notional Classes"* in this Supplement.

Each of the Accretion Directed Classes has the AD designation in the suffix position, rather than the prefix position, in its class principal type because it does not have principal payment stability through the applicable pricing prepayment assumption. Although the Accretion Directed Classes are entitled to receive payments from the related Accrual Amount, they do not have principal payment stability through any constant prepayment rate significantly higher than 0% PSA, except within any applicable Effective Range.

Securities that Receive Principal on the Basis of Schedules

As described in this Supplement, each PAC Class will receive principal payments in accordance with a schedule calculated on the basis of, among other things, a Structuring Range. See *"Terms Sheet — Scheduled Principal Balances."* However, whether any such Class will adhere to its schedule and receive "Scheduled Payments" on a Distribution Date will largely depend on the level of prepayments experienced by the related Mortgage Loans.

Each PAC Class exhibits an Effective Range of constant prepayment rates at which such Class will receive Scheduled Payments. That range may differ from the Structuring Range used to create the related principal balance schedule. Based on the Modeling Assumptions, the *initial* Effective Ranges for the PAC Classes are as follows:

Security Group	Class	Initial Effective Ranges
PAC Classes		
7	PA and PE (in the aggregate)	200% PSA through 350% PSA
9	FW, GC, GT and GW (in the aggregate)	150% PSA through 300% PSA
PAC I Classes		
2	DB	120% PSA through 215% PSA
3	DE	120% PSA through 225% PSA
PAC II Classes		
2	WD	136% PSA through 217% PSA
3	JD	145% PSA through 225% PSA

- The principal payment stability of the PAC Classes will be supported by the related Support Class.
- The principal payment stability of the PAC I Classes will be supported by the related PAC II and Support Classes.
- The principal payment stability of the PAC II Classes will be supported by the related Support Classes.

If all of the Classes supporting a given Class are retired before the Class being supported is retired, the outstanding Class will no longer have an Effective Range and will become more sensitive to prepayments on the related Mortgage Loans.

There is no assurance that the related Mortgage Loans will have the characteristics assumed in the Modeling Assumptions, which were used to determine the initial Effective Ranges. If the initial Effective Ranges were calculated using the actual characteristics of the related Mortgage Loans, the initial Effective Ranges could differ from those shown in the above table. Therefore, even if the Mortgage Loans were to prepay at a constant rate within the initial Effective Range shown for any Class in the above table, that Class could fail to receive Scheduled Payments.

Moreover, the related Mortgage Loans will not prepay at any *constant* rate. Non-constant prepayment rates can cause any PAC Class not to receive Scheduled Payments, even if prepayment rates remain within the initial Effective Range for that Class. Further, the Effective Range for any PAC Class can narrow, shift over time or cease to exist, depending on the actual characteristics of the related Mortgage Loans.

If the related Mortgage Loans prepay at rates that are generally below the Effective Range for any PAC Class, the amount available to pay principal on the Securities may be insufficient to produce Scheduled Payments on such related PAC Class, and its Weighted Average Life may be extended, perhaps significantly.

If the related Mortgage Loans prepay at rates that are generally above the Effective Range for any PAC Class, its supporting Class or Classes may be retired earlier than that PAC Class, and its Weighted Average Life may be shortened, perhaps significantly.

Assumability

Each Mortgage Loan may be assumed, subject to HUD review and approval, upon the sale of the related Mortgaged Property. See *“Yield, Maturity and Prepayment Considerations — Assumability of Government Loans” in the Base Offering Circular.*

Final Distribution Date

The Final Distribution Date for each Class, which is set forth on the front cover of this Supplement or on Schedule I to this Supplement, is the latest date on which the related Class Principal Balance or Class Notional Balance will be reduced to zero.

- The actual retirement of any Class may occur earlier than its Final Distribution Date.
- According to the terms of the Ginnie Mae Guaranty, Ginnie Mae will guarantee payment in full of the Class Principal Balance of each Class of Securities no later than its Final Distribution Date.

Modeling Assumptions

Unless otherwise indicated, the tables that follow have been prepared on the basis of the characteristics of the Underlying Certificates, the priorities of distributions on the Underlying Certificates and the following assumptions (the “Modeling Assumptions”), among others:

1. The Mortgage Loans underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets have the assumed characteristics shown under “Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 4, 5, 7, 8 and 9 Trust Assets” in the Terms Sheet, except in the case of information set forth under the 0% PSA Prepayment Assumption Rate, for which each Mortgage Loan underlying a Group 1, 2, 4, 5, 7, 8 or 9 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months and a Mortgage Rate of 1.50% per annum higher than the related Certificate Rate.

2. The Mortgage Loans prepay at the constant percentages of PSA (described below) shown in the related table.

3. Distributions on the Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in July 2019.

4. A termination of the Trust or the Underlying Trusts does not occur.

5. The Closing Date for the Securities is June 28, 2019.

6. No expenses or fees are paid by the Trust other than the Trustee Fee, which is paid as described under “Trust Assets — The Trustee Fee” in this Supplement.

7. Distributions on the Underlying Certificates are made as described in the related Underlying Certificate Disclosure Documents.

8. Each Class is held from the Closing Date and is not exchanged in whole or in part.

When reading the tables and the related text, investors should bear in mind that the Modeling Assumptions, like any other stated assumptions, are unlikely to be entirely consistent with actual experience.

- For example, most of the Mortgage Loans will not have the characteristics assumed, many Distribution Dates will occur on a Business Day after the 20th day of the month, and the Trustee may cause a termination of the Trust as described under “Description of the Securities — Termination” in this Supplement.
- In addition, distributions on the Securities are based on Certificate Factors and Calculated Certificate Factors, as applicable, which may not reflect actual receipts on the Trust Assets.

See “Description of the Securities — Distributions” in the Base Offering Circular.

Decrement Tables

Prepayments of mortgage loans are commonly measured by a prepayment standard or model. The model used in this Supplement, Prepayment Speed Assumption (“PSA”), is the standard prepayment assumption model of The Securities Industry and Financial Markets Association. PSA represents an assumed rate of prepayment each month relative to the then outstanding principal balance of the Mortgage Loans to which the model is applied. *See “Yield, Maturity and Prepayment Considerations — Standard Prepayment Assumption Models” in the Base Offering Circular.*

The decrement tables set forth below are based on the assumption that the Mortgage Loans prepay at the indicated percentages of PSA (the “PSA Prepayment Assumption Rates”). As used in the tables, each of the PSA Prepayment Assumption Rates reflects a percentage of the 100% PSA assumed prepayment rate. **The Mortgage Loans will not prepay at any of the PSA Prepayment Assumption Rates, and the timing of changes in the rate of prepayments actually experienced on the Mortgage Loans will not follow the pattern described for the PSA assumption.**

The decrement tables set forth below illustrate the percentage of the Original Class Principal Balance (or, in the case of a Notional Class, the original Class Notional Balance) that would remain outstanding following the distribution made each specified month for each Regular or MX Class, based on the assumption that the related Mortgage Loans prepay at the PSA Prepayment Assumption Rates. The percentages set forth in the following decrement tables have been rounded to the nearest whole percentage (including rounding down to zero).

The decrement tables also indicate the Weighted Average Life of each Class under each PSA Prepayment Assumption Rate. The Weighted Average Life of each Class is calculated by:

- (a) multiplying the net reduction, if any, of the Class Principal Balance (or the net reduction of the Class Notional Balance, in the case of a Notional Class) from one Distribution Date to the next Distribution Date by the number of years from the date of issuance thereof to the related Distribution Date,
- (b) summing the results, and
- (c) dividing the sum by the aggregate amount of the assumed net reductions in principal balance or notional balance, as applicable, referred to in clause (a).

The information shown for each Notional Class is for illustrative purposes only, as a Notional Class is not entitled to distributions of principal and has no Weighted Average Life. The Weighted Average Life shown for each Notional Class has been calculated on the assumption that a reduction in the Class Notional Balance thereof is a distribution of principal.

The Weighted Average Lives are likely to vary, perhaps significantly, from those set forth in the tables below due to the differences between the actual characteristics of the Mortgage Loans underlying the related Trust Assets and the Modeling Assumptions.

**Percentages of Original Class Principal (or Class Notional) Balances
and Weighted Average Lives**

		Security Group 1 PSA Prepayment Assumption Rates				
		Classes AB, AC, AD, AE, AG, AH, AI, AJ, AK and AL				
Distribution Date		0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100	100
June 2020	99	96	93	90	87	
June 2021	97	90	79	71	63	
June 2022	95	83	64	51	40	
June 2023	94	77	51	36	25	
June 2024	92	71	41	26	16	
June 2025	90	65	33	19	10	
June 2026	88	59	26	13	6	
June 2027	86	54	21	9	4	
June 2028	84	49	17	7	2	
June 2029	81	45	13	5	1	
June 2030	79	41	10	3	1	
June 2031	76	37	8	2	1	
June 2032	74	33	7	2	0	
June 2033	71	30	5	1	0	
June 2034	68	27	4	1	0	
June 2035	65	24	3	1	0	
June 2036	61	21	2	0	0	
June 2037	58	19	2	0	0	
June 2038	54	17	1	0	0	
June 2039	51	14	1	0	0	
June 2040	47	12	1	0	0	
June 2041	42	10	1	0	0	
June 2042	38	9	0	0	0	
June 2043	33	7	0	0	0	
June 2044	28	6	0	0	0	
June 2045	23	4	0	0	0	
June 2046	18	3	0	0	0	
June 2047	12	2	0	0	0	
June 2048	6	1	0	0	0	
June 2049	0	0	0	0	0	
Weighted Average Life (years)	18.6	10.6	5.4	3.9	3.1	

		Security Group 2 PSA Prepayment Assumption Rates														
		Classes CF and CS					Class DB					Class WA				
Distribution Date		0%	120%	180%	215%	400%	0%	120%	180%	215%	400%	0%	120%	180%	215%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	99	97	96	95	92	98	96	96	96	96	100	100	96	92	73	100
June 2021	97	90	87	86	77	97	88	88	88	88	100	100	85	73	10	100
June 2022	96	83	77	74	58	95	79	79	79	70	100	100	71	49	0	100
June 2023	94	75	67	63	43	93	70	70	70	52	100	100	60	30	0	100
June 2024	92	68	59	54	32	91	61	61	61	39	100	100	52	17	0	100
June 2025	91	62	51	46	24	89	54	54	54	29	100	100	47	9	0	100
June 2026	89	56	45	39	18	86	46	46	46	21	100	100	43	4	0	100
June 2027	87	51	39	33	13	84	40	40	40	16	100	100	40	1	0	100
June 2028	85	46	34	28	10	81	34	34	34	12	100	100	39	0	0	100
June 2029	83	41	29	24	7	79	29	29	29	9	100	100	38	0	0	100
June 2030	80	37	25	20	5	76	24	24	24	6	100	100	36	0	0	100
June 2031	78	33	22	17	4	73	20	20	20	5	100	100	34	0	0	100
June 2032	75	30	19	14	3	70	17	17	17	3	100	100	31	0	0	100
June 2033	72	26	16	12	2	66	14	14	14	2	100	100	29	0	0	100
June 2034	69	23	14	10	1	63	12	12	12	2	100	94	26	0	0	100
June 2035	66	21	11	8	1	59	10	10	10	1	100	86	23	0	0	100
June 2036	63	18	10	7	1	55	8	8	8	1	100	79	21	0	0	100
June 2037	60	16	8	5	1	51	7	7	7	1	100	71	18	0	0	100
June 2038	56	14	7	4	0	47	5	5	5	0	100	64	16	0	0	100
June 2039	52	12	6	4	0	42	4	4	4	0	100	56	14	0	0	100
June 2040	48	10	5	3	0	37	3	3	3	0	100	49	12	0	0	100
June 2041	44	8	4	2	0	32	3	3	3	0	100	42	10	0	0	100
June 2042	40	7	3	2	0	26	2	2	2	0	100	36	8	0	0	100
June 2043	35	6	2	1	0	21	2	2	2	0	100	29	6	0	0	100
June 2044	30	4	2	1	0	14	1	1	1	0	100	23	5	0	0	100
June 2045	24	3	1	1	0	8	1	1	1	0	100	18	4	0	0	100
June 2046	19	2	1	0	0	1	1	1	1	0	100	13	3	0	0	100
June 2047	13	1	0	0	0	0	0	0	0	0	87	8	1	0	0	0
June 2048	7	1	0	0	0	0	0	0	0	0	45	3	1	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	19.0	9.9	7.9	7.0	4.4	16.9	7.8	7.8	7.8	5.1	28.9	21.2	9.2	3.3	1.4	27.4

Security Group 2 PSA Prepayment Assumption Rates															
Distribution Date	Classes WF and WS					Class WZ					Class ZW				
	0%	120%	180%	215%	400%	0%	120%	180%	215%	400%	0%	120%	180%	215%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	100	100	95	92	77	103	103	103	103	103	103	103	103	103	103
June 2021	100	100	83	73	23	106	106	106	106	106	106	106	106	106	106
June 2022	100	100	68	50	0	109	109	109	109	0	109	109	109	109	0
June 2023	100	100	55	31	0	113	113	113	113	0	113	113	113	113	0
June 2024	100	100	46	18	0	116	116	116	116	0	116	116	116	116	0
June 2025	100	100	40	9	0	120	120	120	120	0	120	120	120	120	0
June 2026	100	100	35	3	0	123	123	123	123	0	123	123	123	123	0
June 2027	100	100	33	0	0	127	127	127	127	0	127	127	127	127	0
June 2028	100	100	32	0	0	131	131	131	11	0	131	131	131	8	0
June 2029	100	99	31	0	0	135	135	135	11	0	135	135	135	8	0
June 2030	100	96	29	0	0	139	139	139	11	0	139	139	139	8	0
June 2031	100	92	27	0	0	143	143	143	11	0	143	143	143	8	0
June 2032	100	87	25	0	0	148	148	148	11	0	148	148	148	8	0
June 2033	100	82	23	0	0	152	152	152	11	0	152	152	152	8	0
June 2034	100	76	21	0	0	157	157	157	11	0	157	157	157	8	0
June 2035	100	70	19	0	0	162	162	162	11	0	162	162	162	8	0
June 2036	100	64	17	0	0	166	166	166	11	0	166	166	166	8	0
June 2037	100	58	15	0	0	171	171	171	11	0	171	171	171	8	0
June 2038	100	52	13	0	0	177	177	177	11	0	177	177	177	8	0
June 2039	100	46	11	0	0	182	182	182	11	0	182	182	182	8	0
June 2040	100	40	10	0	0	188	188	188	11	0	188	188	188	8	0
June 2041	100	34	8	0	0	193	193	193	11	0	193	193	193	8	0
June 2042	100	29	7	0	0	199	199	199	11	0	199	199	199	8	0
June 2043	100	24	5	0	0	205	205	205	11	0	205	205	205	8	0
June 2044	100	19	4	0	0	212	212	212	11	0	212	212	212	8	0
June 2045	100	14	3	0	0	218	218	218	11	0	218	218	218	8	0
June 2046	100	10	2	0	0	225	225	225	11	0	225	225	225	8	0
June 2047	70	6	1	0	0	231	231	231	11	0	231	231	231	8	0
June 2048	36	3	0	0	0	238	238	238	11	0	238	238	238	8	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	28.6	19.5	8.1	3.3	1.5	30.0	29.7	29.7	10.4	2.1	30.0	29.7	29.7	9.9	2.4

Security Group 3 PSA Prepayment Assumption Rates															
Distribution Date	Classes BF and BS					Class DE					Classes JA, JK and JL				
	0%	120%	180%	225%	400%	0%	120%	180%	225%	400%	0%	120%	180%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	98	93	91	89	82	98	92	92	92	92	100	100	90	77	25
June 2021	96	85	80	76	61	95	81	81	81	76	100	100	78	50	0
June 2022	94	77	70	64	46	93	72	72	72	57	100	100	69	30	0
June 2023	92	70	61	54	34	90	63	63	63	42	100	100	62	16	0
June 2024	90	64	53	46	25	88	55	55	55	31	100	100	57	8	0
June 2025	88	58	46	39	19	85	47	47	47	23	100	100	54	3	0
June 2026	86	52	40	33	14	82	40	40	40	17	100	100	53	1	0
June 2027	83	47	35	27	10	79	34	34	34	13	100	100	51	0	0
June 2028	81	42	30	23	7	76	29	29	29	9	100	100	49	0	0
June 2029	78	38	26	19	6	73	24	24	24	7	100	100	47	0	0
June 2030	75	34	22	16	4	69	20	20	20	5	100	100	44	0	0
June 2031	72	30	19	13	3	66	17	17	17	4	100	100	40	0	0
June 2032	69	27	16	11	2	62	14	14	14	3	100	100	37	0	0
June 2033	66	24	14	9	2	58	11	11	11	2	100	100	33	0	0
June 2034	63	21	12	7	1	54	9	9	9	1	100	95	30	0	0
June 2035	59	18	10	6	1	49	8	8	8	1	100	86	27	0	0
June 2036	56	16	8	5	1	45	6	6	6	1	100	78	23	0	0
June 2037	52	14	7	4	0	40	5	5	5	1	100	69	20	0	0
June 2038	48	12	6	3	0	35	4	4	4	0	100	61	17	0	0
June 2039	44	10	5	3	0	30	3	3	3	0	100	53	15	0	0
June 2040	39	8	4	2	0	25	2	2	2	0	100	45	12	0	0
June 2041	35	7	3	2	0	19	2	2	2	0	100	38	10	0	0
June 2042	30	6	2	1	0	13	1	1	1	0	100	31	8	0	0
June 2043	25	4	2	1	0	7	1	1	1	0	100	24	6	0	0
June 2044	20	3	1	1	0	1	1	1	1	0	100	18	4	0	0
June 2045	15	2	1	0	0	0	0	0	0	0	100	13	3	0	0
June 2046	9	1	0	0	0	0	0	0	0	0	62	7	2	0	0
June 2047	3	0	0	0	0	0	0	0	0	0	24	3	1	0	0
June 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	17.2	9.1	7.1	6.0	3.7	14.8	6.9	6.9	6.9	4.4	27.3	20.7	9.9	2.3	0.7

**Security Group 3
PSA Prepayment Assumption Rates**

Distribution Date	Class JD					Class JZ				
	0%	120%	180%	225%	400%	0%	120%	180%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
June 2020	100	100	81	81	81	103	103	103	103	103
June 2021	100	100	57	57	0	106	106	106	106	0
June 2022	100	100	39	39	0	109	109	109	109	0
June 2023	100	100	24	24	0	113	113	113	113	0
June 2024	100	100	13	13	0	116	116	116	116	0
June 2025	100	100	5	5	0	120	120	120	120	0
June 2026	100	100	0	0	0	123	123	123	123	0
June 2027	100	100	0	0	0	127	127	127	12	0
June 2028	100	94	0	0	0	131	131	131	12	0
June 2029	100	83	0	0	0	135	135	135	12	0
June 2030	100	69	0	0	0	139	139	139	12	0
June 2031	100	51	0	0	0	143	143	143	12	0
June 2032	100	31	0	0	0	148	148	148	12	0
June 2033	100	9	0	0	0	152	152	152	12	0
June 2034	100	0	0	0	0	157	157	157	12	0
June 2035	100	0	0	0	0	162	162	162	12	0
June 2036	100	0	0	0	0	166	166	166	12	0
June 2037	100	0	0	0	0	171	171	171	12	0
June 2038	100	0	0	0	0	177	177	177	12	0
June 2039	100	0	0	0	0	182	182	182	12	0
June 2040	100	0	0	0	0	188	188	188	12	0
June 2041	100	0	0	0	0	193	193	193	12	0
June 2042	100	0	0	0	0	199	199	199	12	0
June 2043	100	0	0	0	0	205	205	205	12	0
June 2044	97	0	0	0	0	212	212	212	12	0
June 2045	0	0	0	0	0	218	218	218	12	0
June 2046	0	0	0	0	0	225	225	225	12	0
June 2047	0	0	0	0	0	231	231	231	12	0
June 2048	0	0	0	0	0	0	0	0	0	0
Weighted Average										
Life (years)	25.5	11.9	2.7	2.7	1.3	28.9	28.8	28.8	9.7	1.3

**Security Groups 2 and 3
PSA Prepayment Assumption Rates**

Distribution Date	Classes DC, DG, DH, DI, DJ, DK, DM, DN, DP, DQ, DT, DW and DX						Class S					
	0%	120%	180%	215%	225%	400%	0%	120%	180%	215%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	98	93	93	93	93	93	98	95	94	93	93	89
June 2021	96	84	84	84	84	81	97	88	85	82	82	71
June 2022	94	75	75	75	75	62	95	81	74	71	70	53
June 2023	92	66	66	66	66	46	93	73	65	60	59	40
June 2024	89	58	58	58	58	35	92	67	57	51	50	29
June 2025	87	50	50	50	50	26	90	60	49	44	42	22
June 2026	84	43	43	43	42	19	88	55	43	37	36	16
June 2027	81	37	37	37	36	14	86	49	37	31	30	12
June 2028	78	31	31	31	30	10	83	44	32	27	25	9
June 2029	75	26	26	26	25	8	81	40	28	22	21	7
June 2030	72	22	22	22	21	6	78	36	24	19	18	5
June 2031	69	18	18	18	18	4	76	32	21	16	15	4
June 2032	65	15	15	15	15	3	73	29	18	13	12	3
June 2033	62	13	13	13	12	2	70	25	15	11	10	2
June 2034	58	10	10	10	10	2	67	22	13	9	8	1
June 2035	54	9	9	9	8	1	64	20	11	8	7	1
June 2036	49	7	7	7	7	1	60	17	9	6	6	1
June 2037	45	6	6	6	5	1	57	15	8	5	5	0
June 2038	40	5	5	5	4	0	53	13	6	4	4	0
June 2039	35	4	4	4	3	0	49	11	5	3	3	0
June 2040	30	3	3	3	3	0	45	9	4	3	2	0
June 2041	25	2	2	2	2	0	41	8	3	2	2	0
June 2042	19	2	2	2	2	0	36	6	3	2	1	0
June 2043	13	1	1	1	1	0	31	5	2	1	1	0
June 2044	7	1	1	1	1	0	26	4	2	1	1	0
June 2045	4	1	1	1	1	0	21	3	1	1	0	0
June 2046	1	0	0	0	0	0	15	2	1	0	0	0
June 2047	0	0	0	0	0	0	9	1	0	0	0	0
June 2048	0	0	0	0	0	0	4	0	0	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)	15.7	7.3	7.3	7.3	7.2	4.7	18.3	9.6	7.6	6.7	6.5	4.2

Security Group 4 PSA Prepayment Assumption Rates					
Classes FA and SA					
Distribution Date	0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100
June 2020	99	97	93	91	88
June 2021	97	91	80	73	65
June 2022	96	84	65	52	41
June 2023	94	77	52	37	26
June 2024	92	71	42	27	16
June 2025	91	65	33	19	10
June 2026	89	60	27	14	6
June 2027	87	55	21	10	4
June 2028	85	50	17	7	2
June 2029	83	45	13	5	2
June 2030	80	41	11	3	1
June 2031	78	37	8	2	1
June 2032	75	34	7	2	0
June 2033	72	30	5	1	0
June 2034	69	27	4	1	0
June 2035	66	24	3	1	0
June 2036	63	21	2	0	0
June 2037	60	19	2	0	0
June 2038	56	16	1	0	0
June 2039	52	14	1	0	0
June 2040	48	12	1	0	0
June 2041	44	10	1	0	0
June 2042	40	8	0	0	0
June 2043	35	7	0	0	0
June 2044	30	5	0	0	0
June 2045	24	4	0	0	0
June 2046	19	2	0	0	0
June 2047	13	1	0	0	0
June 2048	7	0	0	0	0
June 2049	0	0	0	0	0
Weighted Average					
Life (years)	19.0	10.6	5.4	4.0	3.1

Security Group 5 PSA Prepayment Assumption Rates					
Classes FH, HI, HS and SH					
Distribution Date	0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100
June 2020	99	97	93	91	88
June 2021	97	91	80	73	65
June 2022	96	84	65	52	41
June 2023	94	78	52	38	26
June 2024	92	71	42	27	16
June 2025	91	66	34	19	10
June 2026	89	60	27	14	6
June 2027	87	55	21	10	4
June 2028	85	50	17	7	2
June 2029	83	46	14	5	2
June 2030	80	42	11	3	1
June 2031	78	38	9	2	1
June 2032	75	34	7	2	0
June 2033	72	31	5	1	0
June 2034	69	28	4	1	0
June 2035	66	25	3	1	0
June 2036	63	22	3	0	0
June 2037	60	20	2	0	0
June 2038	56	17	1	0	0
June 2039	52	15	1	0	0
June 2040	48	13	1	0	0
June 2041	44	11	1	0	0
June 2042	40	9	0	0	0
June 2043	35	8	0	0	0
June 2044	30	6	0	0	0
June 2045	24	5	0	0	0
June 2046	19	3	0	0	0
June 2047	13	2	0	0	0
June 2048	7	1	0	0	0
June 2049	0	0	0	0	0
Weighted Average					
Life (years)	19.0	10.8	5.5	4.0	3.2

**Security Groups 4 and 5
PSA Prepayment Assumption Rates**

Distribution Date	Class AS				
	0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100
June 2020	99	97	93	91	88
June 2021	97	91	80	73	65
June 2022	96	84	65	52	41
June 2023	94	77	52	37	26
June 2024	92	71	42	27	16
June 2025	91	65	33	19	10
June 2026	89	60	27	14	6
June 2027	87	55	21	10	4
June 2028	85	50	17	7	2
June 2029	83	46	14	5	2
June 2030	80	41	11	3	1
June 2031	78	38	8	2	1
June 2032	75	34	7	2	0
June 2033	72	31	5	1	0
June 2034	69	27	4	1	0
June 2035	66	24	3	1	0
June 2036	63	22	2	0	0
June 2037	60	19	2	0	0
June 2038	56	17	1	0	0
June 2039	52	15	1	0	0
June 2040	48	12	1	0	0
June 2041	44	11	1	0	0
June 2042	40	9	0	0	0
June 2043	35	7	0	0	0
June 2044	30	6	0	0	0
June 2045	24	4	0	0	0
June 2046	19	3	0	0	0
June 2047	13	2	0	0	0
June 2048	7	0	0	0	0
June 2049	0	0	0	0	0
Weighted Average Life (years)	19.0	10.7	5.4	4.0	3.2

**Security Group 6
PSA Prepayment Assumption Rates**

Distribution Date	Class QI					Class QS				
	0%	100%	300%	450%	600%	0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100
June 2020	97	90	78	68	59	97	91	78	69	59
June 2021	93	82	60	46	33	94	82	61	47	34
June 2022	90	73	46	30	17	90	74	46	31	18
June 2023	86	65	34	18	7	86	66	35	20	9
June 2024	82	58	25	10	2	82	59	26	12	3
June 2025	78	51	18	5	1	78	52	19	6	1
June 2026	74	45	12	2	0	74	45	13	3	0
June 2027	69	39	7	1	0	69	40	9	1	0
June 2028	64	33	4	0	0	64	34	5	0	0
June 2029	59	28	2	0	0	59	29	3	0	0
June 2030	53	23	1	0	0	54	24	2	0	0
June 2031	48	18	0	0	0	48	19	1	0	0
June 2032	42	14	0	0	0	42	15	0	0	0
June 2033	35	10	0	0	0	36	11	0	0	0
June 2034	28	6	0	0	0	29	7	0	0	0
June 2035	21	3	0	0	0	22	4	0	0	0
June 2036	14	1	0	0	0	15	2	0	0	0
June 2037	6	0	0	0	0	7	1	0	0	0
June 2038	0	0	0	0	0	1	0	0	0	0
June 2039	0	0	0	0	0	0	0	0	0	0
June 2040	0	0	0	0	0	0	0	0	0	0
June 2041	0	0	0	0	0	0	0	0	0	0
June 2042	0	0	0	0	0	0	0	0	0	0
June 2043	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.9	6.9	3.4	2.3	1.7	11.0	7.0	3.5	2.4	1.7

Security Group 7 PSA Prepayment Assumption Rates																				
Distribution Date	Class DA					Classes FP and SP					Class PA					Class PE				
	0%	200%	300%	350%	600%	0%	200%	300%	350%	600%	0%	200%	300%	350%	600%	0%	200%	300%	350%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	100	100	90	86	62	99	95	93	92	87	99	93	93	93	93	100	100	100	100	100
June 2021	100	100	71	57	0	98	85	80	77	64	97	81	81	81	79	100	100	100	100	100
June 2022	100	100	52	29	0	96	74	64	60	40	95	67	67	67	49	100	100	100	100	100
June 2023	100	100	39	12	0	95	64	52	46	25	94	54	54	54	31	100	100	100	100	100
June 2024	100	100	32	3	0	94	55	42	36	16	92	43	43	43	19	100	100	100	100	100
June 2025	100	100	29	0	0	92	48	34	28	10	90	34	34	34	11	100	100	100	100	100
June 2026	100	99	27	0	0	90	41	27	22	6	88	26	26	26	7	100	100	100	100	100
June 2027	100	94	25	0	0	89	35	22	17	4	86	20	20	20	4	100	100	100	100	100
June 2028	100	88	22	0	0	87	30	17	13	2	83	15	15	15	2	100	100	100	100	100
June 2029	100	81	20	0	0	85	26	14	10	2	81	11	11	11	1	100	100	100	100	100
June 2030	100	74	17	0	0	83	22	11	8	1	78	8	8	8	0	100	100	100	100	92
June 2031	100	66	15	0	0	80	19	9	6	1	75	6	6	6	0	100	100	100	100	57
June 2032	100	59	13	0	0	78	16	7	4	0	72	4	4	4	0	100	100	100	100	35
June 2033	100	52	11	0	0	75	14	5	3	0	69	3	3	3	0	100	100	100	100	22
June 2034	100	45	9	0	0	73	11	4	3	0	65	2	2	2	0	100	100	100	100	13
June 2035	100	39	7	0	0	70	10	3	2	0	62	1	1	1	0	100	100	100	100	8
June 2036	100	33	6	0	0	66	8	3	1	0	58	1	1	1	0	100	100	100	100	5
June 2037	100	28	5	0	0	63	7	2	1	0	53	0	0	0	0	100	100	100	100	3
June 2038	100	24	4	0	0	59	5	2	1	0	49	0	0	0	0	100	76	76	76	2
June 2039	100	20	3	0	0	56	4	1	1	0	44	0	0	0	0	100	56	56	56	1
June 2040	100	16	2	0	0	52	4	1	0	0	39	0	0	0	0	100	40	40	40	1
June 2041	100	13	2	0	0	47	3	1	0	0	33	0	0	0	0	100	29	29	29	0
June 2042	100	10	1	0	0	43	2	0	0	0	28	0	0	0	0	100	20	20	20	0
June 2043	100	8	1	0	0	38	2	0	0	0	21	0	0	0	0	100	14	14	14	0
June 2044	100	6	1	0	0	32	1	0	0	0	15	0	0	0	0	100	9	9	9	0
June 2045	100	4	1	0	0	27	1	0	0	0	7	0	0	0	0	100	6	6	6	0
June 2046	100	3	0	0	0	21	1	0	0	0	0	0	0	0	0	90	3	3	3	0
June 2047	72	2	0	0	0	14	0	0	0	0	0	0	0	0	0	1	1	1	1	0
June 2048	37	1	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	28.6	15.2	5.6	2.4	1.1	19.6	7.3	5.4	4.8	3.1	17.3	5.2	5.2	5.2	3.5	27.1	21.0	21.0	21.0	12.9

Security Group 8 PSA Prepayment Assumption Rates															
Distribution Date	Classes FK, KB, KC, KD, KE, KG, KH, KI, KJ, KL, KM, KN and SK					Classes MB, MC, MD, ME, MG, MH, MI, MJ, MK, ML and MN					Class MZ				
	0%	100%	300%	450%	600%	0%	100%	300%	450%	600%	0%	100%	300%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	99	97	93	90	87	98	96	92	89	86	103	103	103	103	103
June 2021	97	91	80	71	64	97	89	77	68	59	106	106	106	106	106
June 2022	96	84	64	51	40	95	81	59	45	33	109	109	109	109	109
June 2023	95	78	52	37	25	93	74	45	29	16	113	113	113	113	113
June 2024	93	71	42	26	16	91	67	34	17	5	116	116	116	116	116
June 2025	91	66	33	19	10	88	60	24	8	0	120	120	120	120	105
June 2026	90	60	27	13	6	86	54	17	2	0	123	123	123	123	66
June 2027	88	55	21	10	4	84	48	10	0	0	127	127	127	101	41
June 2028	86	51	17	7	2	81	42	5	0	0	131	131	131	72	25
June 2029	84	46	14	5	2	78	37	1	0	0	135	135	135	51	16
June 2030	81	42	11	3	1	75	32	0	0	0	139	139	114	36	10
June 2031	79	38	9	2	1	72	27	0	0	0	143	143	91	25	6
June 2032	77	35	7	2	0	69	23	0	0	0	148	148	72	18	4
June 2033	74	31	5	1	0	66	19	0	0	0	152	152	56	13	2
June 2034	71	28	4	1	0	62	15	0	0	0	157	157	44	9	1
June 2035	68	25	3	1	0	58	11	0	0	0	162	162	35	6	1
June 2036	65	23	3	0	0	54	7	0	0	0	166	166	27	4	1
June 2037	61	20	2	0	0	50	4	0	0	0	171	171	21	3	0
June 2038	58	18	2	0	0	45	1	0	0	0	177	177	16	2	0
June 2039	54	15	1	0	0	41	0	0	0	0	182	162	12	1	0
June 2040	50	13	1	0	0	36	0	0	0	0	188	140	9	1	0
June 2041	46	11	1	0	0	30	0	0	0	0	193	119	7	1	0
June 2042	41	9	0	0	0	25	0	0	0	0	199	100	5	0	0
June 2043	36	8	0	0	0	18	0	0	0	0	205	82	4	0	0
June 2044	31	6	0	0	0	12	0	0	0	0	212	65	2	0	0
June 2045	26	5	0	0	0	5	0	0	0	0	218	49	2	0	0
June 2046	20	3	0	0	0	0	0	0	0	0	208	35	1	0	0
June 2047	14	2	0	0	0	0	0	0	0	0	143	21	1	0	0
June 2048	7	1	0	0	0	0	0	0	0	0	74	9	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	19.3	10.9	5.4	3.9	3.1	16.6	8.4	4.2	3.1	2.5	28.5	23.9	14.3	10.3	7.9

Security Group 9 PSA Prepayment Assumption Rates															
Distribution Date	Classes FG and SG					Classes FL and SL					Classes FW, GA, IL, IK, LM, LN, LP, IQ, LW and SW				
	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	99	96	95	94	92	99	96	95	94	92	98	95	95	95	95
June 2021	97	89	86	81	77	97	89	86	81	77	95	85	85	85	85
June 2022	96	80	75	66	58	96	80	75	66	58	92	73	73	73	70
June 2023	94	71	65	53	43	94	71	65	53	43	90	61	61	61	52
June 2024	92	63	56	43	32	92	63	56	43	32	87	51	51	51	39
June 2025	91	56	48	34	24	91	56	48	34	24	84	42	42	42	29
June 2026	89	50	41	27	18	89	50	41	27	18	80	33	33	33	22
June 2027	87	44	35	22	13	87	44	35	22	13	77	27	27	27	16
June 2028	85	39	30	17	10	85	39	30	17	10	73	21	21	21	12
June 2029	83	35	26	14	7	83	35	26	14	7	70	17	17	17	9
June 2030	80	31	22	11	5	80	31	22	11	5	66	13	13	13	6
June 2031	78	27	19	9	4	78	27	19	9	4	61	11	11	11	5
June 2032	75	24	16	7	3	75	24	16	7	3	57	8	8	8	3
June 2033	72	21	13	5	2	72	21	13	5	2	52	7	7	7	3
June 2034	69	18	11	4	1	69	18	11	4	1	48	5	5	5	2
June 2035	66	15	9	3	1	66	15	9	3	1	43	4	4	4	1
June 2036	63	13	8	3	1	63	13	8	3	1	37	3	3	3	1
June 2037	60	11	6	2	1	60	11	6	2	1	32	2	2	2	1
June 2038	56	10	5	2	0	56	10	5	2	0	26	2	2	2	0
June 2039	52	8	4	1	0	52	8	4	1	0	20	1	1	1	0
June 2040	48	7	4	1	0	48	7	4	1	0	13	1	1	1	0
June 2041	44	6	3	1	0	44	6	3	1	0	6	1	1	1	0
June 2042	40	5	2	0	0	40	5	2	0	0	1	1	1	1	0
June 2043	35	4	2	0	0	35	4	2	0	0	0	0	0	0	0
June 2044	30	3	1	0	0	30	3	1	0	0	0	0	0	0	0
June 2045	24	2	1	0	0	24	2	1	0	0	0	0	0	0	0
June 2046	19	1	1	0	0	19	1	1	0	0	0	0	0	0	0
June 2047	13	1	0	0	0	13	1	0	0	0	0	0	0	0	0
June 2048	7	0	0	0	0	7	0	0	0	0	0	0	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	19.0	8.8	7.4	5.5	4.4	19.0	8.8	7.4	5.5	4.4	13.6	6.2	6.2	6.2	5.0

PSA Prepayment Assumption Rates															
Distribution Date	Classes GB, LB, LC, LD, LE, LG, LH and II					Classes GC, GD, GE, GH, GI, GJ, GK and GL					Classes GF and GS				
	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2020	98	94	94	94	94	97	94	94	94	94	98	96	95	94	93
June 2021	95	85	85	85	85	95	84	84	84	84	96	87	86	83	80
June 2022	92	73	73	73	70	92	71	71	71	69	94	77	74	69	62
June 2023	89	61	61	61	52	89	59	59	59	50	92	68	63	56	46
June 2024	87	51	51	51	39	86	49	49	49	36	90	59	54	46	35
June 2025	83	41	41	41	28	83	39	39	39	25	88	51	46	37	26
June 2026	80	33	33	33	21	79	30	30	30	17	86	44	38	30	19
June 2027	77	26	26	26	15	76	23	23	23	12	83	38	32	24	14
June 2028	73	21	21	21	11	72	17	17	17	7	81	33	27	19	10
June 2029	69	16	16	16	8	68	13	13	13	4	78	28	23	15	8
June 2030	65	13	13	13	6	64	9	9	9	1	75	24	19	12	6
June 2031	61	10	10	10	4	59	6	6	6	0	72	21	16	9	4
June 2032	57	8	8	8	3	55	4	4	4	0	68	18	13	7	3
June 2033	52	6	6	6	2	50	2	2	2	0	65	15	11	6	2
June 2034	47	4	4	4	1	45	0	0	0	0	61	13	9	5	2
June 2035	42	3	3	3	1	40	0	0	0	0	58	11	7	4	1
June 2036	37	2	2	2	0	34	0	0	0	0	54	10	6	3	1
June 2037	31	2	2	2	0	28	0	0	0	0	49	8	5	2	1
June 2038	25	1	1	1	0	22	0	0	0	0	45	7	4	2	0
June 2039	19	1	1	1	0	15	0	0	0	0	40	6	3	1	0
June 2040	12	0	0	0	0	9	0	0	0	0	35	5	3	1	0
June 2041	6	0	0	0	0	1	0	0	0	0	30	4	2	1	0
June 2042	0	0	0	0	0	0	0	0	0	0	25	3	2	1	0
June 2043	0	0	0	0	0	0	0	0	0	0	22	2	1	0	0
June 2044	0	0	0	0	0	0	0	0	0	0	19	2	1	0	0
June 2045	0	0	0	0	0	0	0	0	0	0	15	1	1	0	0
June 2046	0	0	0	0	0	0	0	0	0	0	12	1	0	0	0
June 2047	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0
June 2048	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.5	6.0	6.0	6.0	4.9	13.1	5.5	5.5	5.5	4.5	17.0	7.8	6.9	5.8	4.7

Security Group 9 PSA Prepayment Assumption Rates															
Distribution Date	Class GT					Class GW					Class GY				
	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%
Initial Percent	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
June 2021	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
June 2023	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2024	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2025	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2026	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2027	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2028	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2029	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2030	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
June 2031	100	100	100	100	100	100	100	100	100	93	100	100	100	100	94
June 2032	100	100	100	100	100	100	100	100	100	63	100	100	100	100	69
June 2033	100	100	100	100	100	100	100	100	100	41	100	100	100	100	50
June 2034	100	100	100	100	100	100	100	100	100	25	100	100	100	100	36
June 2035	100	100	100	100	100	100	78	78	78	13	100	81	81	81	26
June 2036	100	100	100	100	100	100	56	56	56	4	100	63	63	63	19
June 2037	100	100	100	100	89	100	39	39	39	0	100	49	49	49	14
June 2038	100	100	100	100	63	100	26	26	26	0	100	37	37	37	10
June 2039	100	100	100	100	45	100	15	15	15	0	100	28	28	28	7
June 2040	100	100	100	100	31	100	7	7	7	0	100	21	21	21	5
June 2041	100	100	100	100	21	100	1	1	1	0	100	16	16	16	3
June 2042	76	76	76	76	15	0	0	0	0	0	12	12	12	12	2
June 2043	54	54	54	54	10	0	0	0	0	0	8	8	8	8	1
June 2044	38	38	38	38	6	0	0	0	0	0	6	6	6	6	1
June 2045	25	25	25	25	4	0	0	0	0	0	4	4	4	4	1
June 2046	16	16	16	16	2	0	0	0	0	0	2	2	2	2	0
June 2047	8	8	8	8	1	0	0	0	0	0	1	1	1	1	0
June 2048	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	24.8	24.7	24.7	24.7	20.4	22.5	17.7	17.7	17.7	13.9	22.8	18.8	18.8	18.8	14.9

PSA Prepayment Assumption Rates										
Distribution Date	Class GZ					Class LS				
	0%	150%	200%	300%	400%	0%	150%	200%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
June 2020	104	104	99	91	83	99	96	95	94	92
June 2021	107	107	93	66	39	97	89	86	81	77
June 2022	111	111	85	35	0	96	80	75	66	58
June 2023	115	115	79	15	0	94	71	65	53	43
June 2024	119	119	77	4	0	92	63	56	43	32
June 2025	123	123	77	0	0	91	56	48	34	24
June 2026	128	126	77	0	0	89	50	41	27	18
June 2027	132	125	75	0	0	87	44	35	22	13
June 2028	137	121	71	0	0	85	39	30	17	10
June 2029	142	116	66	0	0	83	35	26	14	7
June 2030	147	109	61	0	0	80	31	22	11	5
June 2031	152	101	55	0	0	78	27	19	9	4
June 2032	158	92	50	0	0	75	24	16	7	3
June 2033	163	84	44	0	0	72	21	13	5	2
June 2034	169	76	39	0	0	69	18	11	4	1
June 2035	175	68	34	0	0	66	15	9	3	1
June 2036	181	60	29	0	0	63	13	8	3	1
June 2037	188	52	25	0	0	60	11	6	2	1
June 2038	194	45	21	0	0	56	10	5	2	0
June 2039	201	39	18	0	0	52	8	4	1	0
June 2040	208	33	15	0	0	48	7	4	1	0
June 2041	216	28	12	0	0	44	6	3	1	0
June 2042	217	23	10	0	0	40	5	2	0	0
June 2043	191	18	7	0	0	35	4	2	0	0
June 2044	164	14	6	0	0	30	3	1	0	0
June 2045	135	11	4	0	0	24	2	1	0	0
June 2046	104	7	3	0	0	19	1	1	0	0
June 2047	71	4	2	0	0	13	1	0	0	0
June 2048	37	2	1	0	0	7	0	0	0	0
June 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	26.7	17.2	12.8	2.6	1.7	19.0	8.8	7.4	5.5	4.4

Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Regular or MX Class based on the anticipated yield of that Class resulting from its purchase price, the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios, in the case of the Group 3 and 6 Securities, the investor's own projection of payment rates on the Underlying Certificates under a variety of scenarios and, in the case of a Floating Rate or an Inverse Floating Rate Class or Class QI, the investor's own projection of levels of LIBOR under a variety of scenarios. **No representation is made regarding Mortgage Loan prepayment rates, Underlying Certificate payment rates, LIBOR levels or the yield of any Class.**

Prepayments: Effect on Yields

The yields to investors will be sensitive in varying degrees to the rate of prepayments on the related Mortgage Loans.

- In the case of Regular Securities or MX Securities purchased at a premium (especially the Interest Only Classes), faster than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
- Investors in the Interest Only Classes should also consider the risk that rapid rates of principal payments could result in the failure of investors to recover fully their investments.
- In the case of Regular Securities or MX Securities purchased at a discount, slower than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.

See “Risk Factors — Rates of principal payments can reduce your yield” in this Supplement.

Rapid rates of prepayments on the Mortgage Loans are likely to coincide with periods of low prevailing interest rates.

During periods of low prevailing interest rates, the yields at which an investor may be able to reinvest amounts received as principal payments on the investor's Class of Securities may be lower than the yield on that Class.

Slow rates of prepayments on the Mortgage Loans are likely to coincide with periods of high prevailing interest rates.

During periods of high prevailing interest rates, the amount of principal payments available to an investor for reinvestment at those high rates may be relatively low.

The Mortgage Loans will not prepay at any constant rate until maturity, nor will all of the Mortgage Loans underlying any Trust Asset Group prepay at the same rate at any one time. The timing of changes in the rate of prepayments may affect the actual yield to an investor, even if the average rate of principal prepayments is consistent with the investor's expectation. In general, the earlier a prepayment of principal on the Mortgage Loans, the greater the effect on an investor's yield. As a result, the effect on an investor's yield of principal prepayments occurring at a rate higher (or lower) than the rate anticipated by the investor during the period immediately following the Closing Date is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

LIBOR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes and the Class QI Securities

Low levels of LIBOR can reduce the yield of the Floating Rate Classes and the Class QI Securities. High levels of LIBOR can significantly reduce the yield of the Inverse Floating Rate Classes. In addition,

the Floating Rate Classes will not necessarily benefit from a higher yield at high levels of LIBOR and a certain Inverse Floating Rate Class may not benefit from particularly low levels of LIBOR because the rate on such Classes is capped at a maximum rate described under “Terms Sheet — Interest Rates.”

Payment Delay: Effect on Yields of the Fixed Rate and Delay Classes

The effective yield on any Fixed Rate or Delay Class will be less than the yield otherwise produced by its Interest Rate and purchase price because, on each Distribution Date, 30 days’ interest will be payable on (or added to the principal amount of) that Class even though interest began to accrue approximately 50 days earlier.

Yield Tables

The following tables show the pre-tax yields to maturity on a corporate bond equivalent basis of specified Classes at various constant percentages of PSA and, in the case of the Inverse Floating Rate Classes and the Class QI Securities, at various constant levels of LIBOR.

The Mortgage Loans will not prepay at any constant rate until maturity, and it is unlikely that LIBOR will remain constant. Moreover, it is likely that the Mortgage Loans will experience actual prepayment rates that differ from those of the Modeling Assumptions. **Therefore, the actual pre-tax yield of any Class may differ from those shown in the applicable table below for that Class even if the Class is purchased at the assumed price shown.**

The yields were calculated by

1. determining the monthly discount rates that, when applied to the applicable assumed streams of cash flows to be paid on the applicable Class, would cause the discounted present value of the assumed streams of cash flows to equal the assumed purchase price of that Class plus accrued interest, and
2. converting the monthly rates to corporate bond equivalent rates.

These calculations do not take into account variations that may occur in the interest rates at which investors may be able to reinvest funds received by them as distributions on their Securities and consequently do not purport to reflect the return on any investment in any Class when those reinvestment rates are considered.

The information set forth in the following tables was prepared on the basis of the Modeling Assumptions and the assumptions that (1) the Interest Rate applicable to each Inverse Floating Rate Class and the Class QI Securities for each Accrual Period following the first Accrual Period will be based on the indicated level of LIBOR and (2) the purchase price of each Class (expressed as a percentage of its original Class Principal Balance or Class Notional Balance) plus accrued interest is as indicated in the related table. **The assumed purchase price is not necessarily that at which actual sales will occur.**

SECURITY GROUP 1

Sensitivity of Class AI to Prepayments Assumed Price 13.375%*

PSA Prepayment Assumption Rates				
<u>100%</u>	<u>300%</u>	<u>450%</u>	<u>451%</u>	<u>600%</u>
19.4%	8.6%	0.1%	0.1%	(8.6)%

SECURITY GROUP 2

Sensitivity of Class CS to Prepayments Assumed Price 18.625%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>120%</u>	<u>180%</u>	<u>215%</u>	<u>400%</u>
1.000%	20.1%	17.1%	15.3%	5.5%
2.438%	11.3%	8.1%	6.2%	(4.0)%
4.244%	(0.4)%	(3.8)%	(5.7)%	(16.5)%
6.050% and above	**	**	**	**

Sensitivity of Class WS to Prepayments Assumed Price 95.390625%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>120%</u>	<u>180%</u>	<u>215%</u>	<u>400%</u>
1.000%	4.6%	5.0%	5.8%	7.4%
2.438%	2.8%	3.2%	4.0%	5.7%
3.469%	1.5%	1.9%	2.7%	4.5%
4.500% and above	0.2%	0.6%	1.5%	3.2%

SECURITY GROUP 3

Sensitivity of Class BS to Prepayments Assumed Price 16.25%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>120%</u>	<u>180%</u>	<u>225%</u>	<u>400%</u>
1.000%	22.9%	19.0%	16.0%	4.1%
2.438%	13.1%	9.3%	6.4%	(5.4)%
4.244%	0.3%	(3.4)%	(6.2)%	(17.7)%
6.050% and above	**	**	**	**

* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

** Indicates that investors will suffer a loss of virtually all of their investment.

SECURITY GROUPS 2 AND 3

Sensitivity of Class DI to Prepayments Assumed Price 19.75%*

PSA Prepayment Assumption Rates					
<u>120%</u>	<u>180%</u>	<u>215%</u>	<u>225%</u>	<u>369%</u>	<u>400%</u>
7.8%	7.8%	7.8%	7.6%	0.1%	(1.8)%

Sensitivity of Class S to Prepayments Assumed Price 17.75%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates				
	<u>120%</u>	<u>180%</u>	<u>215%</u>	<u>225%</u>	<u>400%</u>
1.000%	21.1%	17.7%	15.8%	15.2%	5.1%
2.438%	11.9%	8.5%	6.5%	5.9%	(4.4)%
4.244%	(0.2)%	(3.6)%	(5.7)%	(6.3)%	(16.8)%
6.050% and above	**	**	**	**	**

SECURITY GROUP 4

Sensitivity of Class SA to Prepayments Assumed Price 4.0%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>100%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.00000%	55.4%	46.0%	38.9%	31.6%
2.42975%	14.0%	3.1%	(5.3)%	(14.1)%
2.84988%	1.5%	(9.9)%	(18.8)%	(28.2)%
3.27000% and above	**	**	**	**

SECURITY GROUP 5

Sensitivity of Class HI to Prepayments Assumed Price 4.0%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>100%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
3.270% and below	18.7%	8.1%	(0.2)%	(8.7)%
3.295%	4.2%	(7.1)%	(16.0)%	(25.2)%
3.320% and above	**	**	**	**

* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

** Indicates that investors will suffer a loss of virtually all of their investment.

Sensitivity of Class HS to Prepayments
Assumed Price 6.0%*

LIBOR	PSA Prepayment Assumption Rates			
	100%	300%	450%	600%
1.00000%	33.1%	23.1%	15.3%	7.3%
2.42975%	5.9%	(5.3)%	(14.1)%	(23.3)%
2.84988%	(3.1)%	(14.6)%	(23.7)%	(33.3)%
3.27000% and above	**	**	**	**

Sensitivity of Class SH to Prepayments
Assumed Price 6.0%*

LIBOR	PSA Prepayment Assumption Rates			
	100%	300%	450%	600%
1.00000%	34.1%	24.1%	16.3%	8.4%
2.42975%	6.9%	(4.3)%	(13.0)%	(22.2)%
2.87488%	(2.5)%	(14.0)%	(23.1)%	(32.6)%
3.32000% and above	**	**	**	**

SECURITY GROUPS 4 AND 5

Sensitivity of Class AS to Prepayments
Assumed Price 5.5%*

LIBOR	PSA Prepayment Assumption Rates			
	100%	300%	450%	600%
1.00000%	37.1%	27.1%	19.5%	11.7%
2.42975%	7.4%	(3.8)%	(12.5)%	(21.7)%
2.84988%	(2.3)%	(13.8)%	(22.8)%	(32.4)%
3.27000% and above	**	**	**	**

SECURITY GROUP 6

Sensitivity of Class QI to Prepayments
Assumed Price 3.5%*

LIBOR	PSA Prepayment Assumption Rates			
	100%	300%	450%	600%
6.65% and below	17.3%	(1.4)%	(18.6)%	(37.9)%
6.70%	(7.2)%	(30.7)%	(52.4)%	(75.6)%
6.75% and above	**	**	**	**

* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

** Indicates that investors will suffer a loss of virtually all of their investment.

Sensitivity of Class QS to Prepayments
Assumed Price 16.0%*

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.00000%	25.2%	7.5%	(8.4)%	(26.3)%
2.38288%	15.4%	(2.5)%	(18.6)%	(36.8)%
4.51644%	(1.0)%	(19.8)%	(36.9)%	(55.8)%
6.65000% and above	**	**	**	**

SECURITY GROUP 7

Sensitivity of Class SP to Prepayments
Assumed Price 13.78125%*

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>200%</u>	<u>300%</u>	<u>350%</u>	<u>600%</u>
1.00000%	27.0%	21.8%	19.1%	5.4%
2.41063%	15.1%	9.7%	6.9%	(7.5)%
4.23032%	(0.4)%	(6.2)%	(9.1)%	(24.6)%
6.05000% and above	**	**	**	**

SECURITY GROUP 8

Sensitivity of Class KI to Prepayments
Assumed Price 18.75%*

<u>PSA Prepayment Assumption Rates</u>				
<u>100%</u>	<u>300%</u>	<u>411%</u>	<u>450%</u>	<u>600%</u>
17.3%	6.3%	0.0%	(2.2)%	(11.1)%

Sensitivity of Class MI to Prepayments
Assumed Price 15.5%*

<u>PSA Prepayment Assumption Rates</u>				
<u>100%</u>	<u>300%</u>	<u>380%</u>	<u>450%</u>	<u>600%</u>
21.1%	6.4%	0.0%	(5.6)%	(17.7)%

Sensitivity of Class SK to Prepayments
Assumed Price 15.75%*

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.000%	26.8%	16.2%	7.9%	(0.5)%
2.432%	16.4%	5.4%	(3.1)%	(12.0)%
4.241%	3.0%	(8.5)%	(17.5)%	(27.0)%
6.050% and above	**	**	**	**

* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

** Indicates that investors will suffer a loss of virtually all of their investment.

SECURITY GROUP 9

Sensitivity of Class GI to Prepayments Assumed Price 15.0%*

PSA Prepayment Assumption Rates				
<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>503%</u>	<u>600%</u>
11.0%	11.0%	3.2%	0.0%	(5.9)%

Sensitivity of Class GS to Prepayments Assumed Price 16.75%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.000%	21.0%	16.0%	8.9%	1.2%
2.104%	13.3%	8.1%	0.4%	(7.7)%
4.102%	(0.9)%	(6.8)%	(15.4)%	(24.4)%
6.100% and above	**	**	**	**

Sensitivity of Class IL to Prepayments Assumed Price 16.0%*

PSA Prepayment Assumption Rates				
<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>529%</u>	<u>600%</u>
10.7%	10.7%	4.0%	0.0%	(3.7)%

Sensitivity of Class LI to Prepayments Assumed Price 15.75%*

PSA Prepayment Assumption Rates				
<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>524%</u>	<u>600%</u>
10.9%	10.9%	3.9%	0.0%	(4.1)%

Sensitivity of Class LS to Prepayments Assumed Price 16.75%*

<u>LIBOR</u>	PSA Prepayment Assumption Rates			
	<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.000%	22.6%	14.9%	7.1%	(0.9)%
2.104%	15.0%	7.0%	(1.1)%	(9.4)%
4.102%	0.8%	(7.6)%	(16.4)%	(25.5)%
6.100% and above	**	**	**	**

* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

** Indicates that investors will suffer a loss of virtually all of their investment.

Sensitivity of Class SG to Prepayments
Assumed Price 16.75%*

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.000%	22.6%	14.9%	7.1%	(0.9)%
2.104%	15.0%	7.0%	(1.1)%	(9.4)%
4.102%	0.8%	(7.6)%	(16.4)%	(25.5)%
6.100% and above	**	**	**	**

Sensitivity of Class SL to Prepayments
Assumed Price 16.75%*

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.000%	22.6%	14.9%	7.1%	(0.9)%
2.104%	15.0%	7.0%	(1.1)%	(9.4)%
4.102%	0.8%	(7.6)%	(16.4)%	(25.5)%
6.100% and above	**	**	**	**

Sensitivity of Class SW to Prepayments
Assumed Price 16.75%*

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
1.000%	17.7%	17.7%	11.6%	4.5%
2.104%	9.7%	9.7%	2.9%	(4.8)%
4.102%	(5.5)%	(5.5)%	(13.7)%	(22.6)%
6.100% and above	**	**	**	**

* The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

** Indicates that investors will suffer a loss of virtually all of their investment.

CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

The following tax discussion, when read in conjunction with the discussion of “Certain United States Federal Income Tax Consequences” in the Base Offering Circular, describes the material United States federal income tax considerations for investors in the Securities. However, these two tax discussions do not purport to deal with all United States federal tax consequences applicable to all categories of investors, some of which may be subject to special rules.

REMIC Elections

In the opinion of Orrick, Herrington & Sutcliffe LLP, the Trust will constitute a Double REMIC Series for United States federal income tax purposes. Separate REMIC elections will be made for the Pooling REMIC and the Issuing REMIC.

Regular Securities

The Regular Securities will be treated as debt instruments issued by the Issuing REMIC for United States federal income tax purposes. Income on the Regular Securities must be reported under an accrual method of accounting.

The Notional and Accrual Classes of Regular Securities will be issued with original issue discount (“OID”), and certain other Classes of Regular Securities may be issued with OID. See *“Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities — Original Issue Discount,” “— Variable Rate Securities” and “— Interest Weighted Securities and Non-VRDI Securities” in the Base Offering Circular.*

The prepayment assumption that should be used in determining the rates of accrual of OID, if any, on the Regular Securities is 300% PSA in the case of the Group 1, 4, 5, 6, 7 and 8 Securities, 180% PSA in the case of the Group 2 and 3 Securities and 200% PSA in the case of the Group 9 Securities (as described in “Yield, Maturity and Prepayment Considerations” in this Supplement). In the case of the Class QI Securities and the Floating Rate and Inverse Floating Rate Classes, the interest rate values to be used for these determinations are the initial Interest Rates as set forth in the Terms Sheet under “Interest Rates.” No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur or the level of LIBOR at any time after the date of this Supplement. See *“Certain United States Federal Income Tax Consequences” in the Base Offering Circular.*

The Regular Securities generally will be treated as “regular interests” in a REMIC for domestic building and loan associations and “real estate assets” for real estate investment trusts (“REITs”) as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. Similarly, interest on the Regular Securities will be considered “interest on obligations secured by mortgages on real property” for REITs as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular.

A Holder of Regular Securities that uses an accrual method of accounting for tax purposes generally will be required to include certain amounts in income no later than the time such amounts are reflected on certain financial statements. The application of this rule thus may require the accrual of income earlier than would be the case under the general tax rules described under “Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities” in the Base Offering Circular, although the precise application of this rule is unclear at this time. This rule generally will be effective, for Regular Securities issued with original issue discount, for tax years beginning after December 31, 2018. The Service issued Notice 2018-80 stating its intention to issue regulations that would exclude market discount from this rule. Prospective investors in Regular Securities that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

In the case of any Trust REMIC that is considered to be a “single-class REMIC” under temporary Treasury regulations, certain fees and expenses of the single-class REMIC would be allocated proportionately among the Regular Securities and Residual Securities of such Trust REMIC. An individual, trust or estate that holds Regular Securities in a single-class REMIC (directly or indirectly through a grantor trust, a partnership, an S corporation, a common trust fund, or a nonpublicly offered RIC) generally will not be eligible to deduct its allocable share of fees or expenses of a single-class REMIC under Section 212 of the Code for any taxable year beginning before January 1, 2026. For a discussion of single-class REMICs, see “Certain United States Federal Income Tax Consequences — Tax Treatment of Regular Securities — Single Class REMICs” in the Base Offering Circular, as modified by the previous sentence. Prospective investors in the Regular Securities are urged to consult with their tax advisors regarding the potential applicability of these rules to their particular situation.

Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Pooling REMIC and the beneficial ownership of the Residual Interest in the Issuing REMIC. The Residual

Securities, *i.e.*, the Class RR Securities, generally will be treated as “residual interests” in a REMIC for domestic building and loan associations and as “real estate assets” for REITs, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular, but will not be treated as debt for United States federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the Trust REMICs, and these requirements will continue until there are no outstanding regular interests in the respective Trust REMICs. Thus, Residual Holders will have taxable income attributable to the Residual Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders. Even though the Holders of the Residual Securities are not entitled to any stated principal or interest payments on the Residual Securities, the Trust REMICs may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, the Holders of the Residual Securities may experience substantial adverse tax timing consequences. Prospective investors are urged to consult their own tax advisors and consider the after-tax effect of ownership of the Residual Securities and the suitability of the Residual Securities to their investment objectives.

Prospective Holders of Residual Securities should be aware that, at issuance, based on the expected prices of the Regular and Residual Securities and the prepayment assumption described above, the residual interests represented by the Residual Securities will be treated as “noneconomic residual interests” as that term is defined in Treasury regulations.

OID accruals on the Underlying Certificates will be computed using the same prepayment assumption as set forth under “Certain United States Federal Income Tax Consequences — Regular Securities” in this Supplement.

An individual, trust or estate that holds Residual Securities (directly or indirectly through a grantor trust, a partnership, an S corporation, a common trust fund, or a nonpublicly offered RIC) generally will not be eligible to deduct its allocable share of the Trust REMICs’ fees or expenses under Section 212 of the Code for any taxable year beginning before January 1, 2026. Prospective investors in Residual Securities are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

MX Securities

For a discussion of certain United States federal income tax consequences applicable to the MX Classes, see “*Certain United States Federal Income Tax Consequences — Tax Treatment of MX Securities*,” “*Exchanges of MX Classes and Regular Classes*” and “*Taxation of Foreign Holders of REMIC Securities and MX Securities*” in the Base Offering Circular.

In the case of certain Holders of MX Securities that use an accrual method of accounting, these tax consequences are modified by newly enacted legislation as described above for a Holder of Regular Securities. Prospective investors in MX Securities that use an accrual method of accounting for tax purposes are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

Foreign Account Tax Compliance Act

The Service has issued proposed regulations, on which taxpayers may rely, that exclude gross proceeds from the sale or other disposition of Regular or MX Securities from the application of the withholding tax imposed under FATCA and related administrative guidance. For a discussion of FATCA, see “*Certain United States Federal Income Tax Consequences — Taxation of Foreign Holders of REMIC Securities and MX Securities*” in the Base Offering Circular.

Investors should consult their own tax advisors in determining the United States federal, state, local, foreign and any other tax consequences to them of the purchase, ownership and disposition of the Securities.

ERISA MATTERS

Ginnie Mae guarantees distributions of principal and interest with respect to the Securities. The Ginnie Mae Guaranty is supported by the full faith and credit of the United States of America. The Regular and MX Securities will qualify as “guaranteed governmental mortgage pool certificates” within the meaning of a Department of Labor regulation, the effect of which is to provide that mortgage loans and participations therein underlying a “guaranteed governmental mortgage pool certificate” will not be considered assets of an employee benefit plan subject to the Employee Retirement Income Security Act of 1974, as amended (“ERISA”), or subject to section 4975 of the Code (each, a “Plan”), solely by reason of the Plan’s purchase and holding of that certificate.

Governmental plans and certain church plans, while not subject to the fiduciary responsibility provisions of ERISA or the prohibited transaction provisions of ERISA and the Code, may nevertheless be subject to local, state or other federal laws that are substantially similar to the foregoing provisions of ERISA and the Code.

Fiduciaries of any such plans should consult with their counsel before purchasing any of the Securities. In addition, because the Sponsor or the Co-Sponsor or any of their respective affiliates may receive certain benefits in connection with the sale or holding of the Regular or MX Securities, the purchase of the Regular or MX Securities using Plan assets over which any of these parties or their affiliates has discretionary authority or control, or renders “investment advice” (within the meaning of a Department of Labor regulation) for a fee with respect to the assets of a Plan, or is the employer or other sponsor of the Plan, might be deemed to be a violation of a provision of Title I of ERISA or Section 4975 of the Code. Accordingly, the Regular or MX Securities may not be purchased using the assets of any Plan if the Sponsor or the Co-Sponsor or any of their respective affiliates has discretionary authority or control or renders investment advice for a fee with respect to the assets of the Plan, or is the employer or other sponsor of the Plan, unless an applicable prohibited transaction exemption is available to cover the purchase or holding of the Regular or MX Securities or the transaction is not otherwise prohibited.

Prospective Plan Investors should consult with their advisors, however, to determine whether the purchase, holding or resale of a Security could give rise to a transaction that is prohibited or is not otherwise permissible under either ERISA or the Code.

See “ERISA Considerations” in the Base Offering Circular.

The Residual Securities are not offered to, and may not be transferred to, a Plan Investor.

LEGAL INVESTMENT CONSIDERATIONS

Institutions whose investment activities are subject to legal investment laws and regulations or to review by certain regulatory authorities may be subject to restrictions on investment in the Securities. **No representation is made about the proper characterization of any Class for legal investment or other purposes, or about the permissibility of the purchase by particular investors of any Class under applicable legal investment restrictions.**

Investors should consult their own legal advisors regarding applicable investment restrictions and the effect of any restrictions on the liquidity of the Securities prior to investing in the Securities.

See “Legal Investment Considerations” in the Base Offering Circular.

PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer the Regular and MX Classes to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest from (1) June 1, 2019 on the Fixed Rate and Delay Classes and (2) June 20, 2019 on the Floating Rate and Inverse Floating Rate Classes other than the Delay Classes and Class QI. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

On or about May 13, 2019, Merrill Lynch, Pierce, Fenner & Smith Incorporated (“MLPFS”) was reorganized into two affiliated broker-dealers (MLPFS and BofA Securities, Inc.) in which BofA Securities, Inc. became the new legal entity for the institutional services that were previously provided by MLPFS.

INCREASE IN SIZE

Before the Closing Date, Ginnie Mae, the Trustee and the Sponsor may agree to increase the size of this offering. In that event, the Securities will have the same characteristics as described in this Supplement, except that (1) the Original Class Principal Balance (or original Class Notional Balance) and (2) the Scheduled Principal Balances or Aggregate Scheduled Principal Balances of each Class receiving principal distributions or interest distributions based upon a notional balance from the same Trust Asset Group will increase by the same proportion. The Trust Agreement, the Final Data Statement, the Final Schedules and the Supplemental Statement, if any, will reflect any increase in the size of the transaction.

LEGAL MATTERS

Certain legal matters will be passed upon for Ginnie Mae by Hunton Andrews Kurth LLP, for the Trust by Orrick, Herrington & Sutcliffe LLP, New York, New York and Marcell Solomon & Associates P.C. and for the Trustee by Nixon Peabody LLP.

Available Combinations(1)

REMIC Securities		MX Securities						
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1 Combination 1(5) AC	\$100,000,000	AB	\$100,000,000	PT	3.25%	FIX	38381WLN6	June 2049
		AD	85,714,285	PT	3.75	FIX	38381WLP1	June 2049
		AE	75,000,000	PT	4.00	FIX	38381WLQ9	June 2049
		AG	100,000,000	PT	2.00	FIX	38381WLR7	June 2049
		AH	100,000,000	PT	2.25	FIX	38381WLS5	June 2049
		AI	42,857,142	NTL(PT)	3.50	FIX/IO	38381WLT3	June 2049
		AJ	100,000,000	PT	2.50	FIX	38381WLU0	June 2049
		AK	100,000,000	PT	2.75	FIX	38381WLV8	June 2049
		AL	100,000,000	PT	3.00	FIX	38381WLW6	June 2049
Security Groups 2 and 3 Combination 2(5)(6) DB DE	\$ 73,013,000 96,804,000	DC	\$169,817,000	SC/PAC I	3.00%	FIX	38381WLX4	June 2049
		DG	169,817,000	SC/PAC I	2.00	FIX	38381WLY2	June 2049
		DH	169,817,000	SC/PAC I	2.25	FIX	38381WLZ9	June 2049
		DI	42,454,250	NTL(SC/PAC I)	4.00	FIX/IO	38381WMA3	June 2049
		DJ	169,817,000	SC/PAC I	2.50	FIX	38381WMB1	June 2049
		DK	169,817,000	SC/PAC I	2.75	FIX	38381WMC9	June 2049
		DM	135,853,600	SC/PAC I	3.25	FIX	38381WMD7	June 2049
		DN	113,211,333	SC/PAC I	3.50	FIX	38381WME5	June 2049
		DP	97,038,285	SC/PAC I	3.75	FIX	38381WMF2	June 2049
		DQ	84,908,500	SC/PAC I	4.00	FIX	38381WMG0	June 2049
		DT	75,474,222	SC/PAC I	4.25	FIX	38381WMH8	June 2049
		DW	67,926,800	SC/PAC I	4.50	FIX	38381WMJ4	June 2049
		DX	56,605,666	SC/PAC I	5.00	FIX	38381WMK1	June 2049

REMIC Securities		MX Securities							
Class		Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Combination 3(6)									
BS		\$ 20,053,926	S	\$ 55,630,211	NTL(SC/PT)	(7)	INV/IO	38381WML9	June 2049
CS		35,576,285							
Security Group 5									
Combination 4									
HI		\$ 3,750,000	SH	\$ 75,000,000	NTL(PT)	(7)	INV/IO	38381WMM7	June 2049
HS		75,000,000							
Security Groups 4 and 5									
Combination 5(6)									
HS		\$ 75,000,000	AS	\$158,000,000	NTL(PT)	(7)	INV/IO	38381WMN5	June 2049
SA		83,000,000							
Security Group 8									
Combination 6(5)									
MB		\$110,261,000	KB	\$121,789,987	PT	3.00%	FIX	38381WMP0	June 2049
MZ		11,528,987	KC	121,789,987	PT	2.00	FIX	38381WMQ8	June 2049
			KD	121,789,987	PT	2.25	FIX	38381WMR6	June 2049
			KE	121,789,987	PT	2.50	FIX	38381WMS4	June 2049
			KG	121,789,987	PT	2.75	FIX	38381WMT2	June 2049
			KH	97,431,989	PT	3.25	FIX	38381WMU9	June 2049
			KI	27,064,441	NTL(PT)	4.50	FIX/IO	38381WMV7	June 2049
			KJ	81,193,324	PT	3.50	FIX	38381WMW5	June 2049
			KL	60,894,993	PT	4.00	FIX	38381WMX3	June 2049
			KM	48,715,994	PT	4.50	FIX	38381WMY1	June 2049
			KN	40,596,662	PT	5.00	FIX	38381WMZ8	June 2049

REMIC Securities		MX Securities							
Class	Combination 7(5)	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 9	Combination 7(5) MB	\$110,261,000	MC	\$110,261,000	SEQ/AD	2.00%	FIX	38381WNA2	April 2046
			MD	110,261,000	SEQ/AD	2.25	FIX	38381WNB0	April 2046
			ME	110,261,000	SEQ/AD	2.50	FIX	38381WNC8	April 2046
			MG	110,261,000	SEQ/AD	2.75	FIX	38381WND6	April 2046
			MH	88,208,800	SEQ/AD	3.25	FIX	38381WNE4	April 2046
			MI	24,502,444	NTL(SEQ/AD)	4.50	FIX/IO	38381WNF1	April 2046
			MJ	73,507,333	SEQ/AD	3.50	FIX	38381WNG9	April 2046
			MK	55,130,500	SEQ/AD	4.00	FIX	38381WNH7	April 2046
			ML	44,104,400	SEQ/AD	4.50	FIX	38381WNJ3	April 2046
			MN	36,753,666	SEQ/AD	5.00	FIX	38381WNK0	April 2046
Security Group 9	Combination 8(5) GC	\$ 64,822,000	GD	\$ 64,822,000	PAC/AD	2.00%	FIX	38381WNL8	November 2048
			GE	64,822,000	PAC/AD	2.25	FIX	38381WNN6	November 2048
			GH	64,822,000	PAC/AD	2.50	FIX	38381WNN4	November 2048
			GI	16,205,500	NTL(PAC/AD)	4.00	FIX/IO	38381WNP9	November 2048
			GJ	64,822,000	PAC/AD	2.75	FIX	38381WNQ7	November 2048
			GK	43,214,666	PAC/AD	3.50	FIX	38381WNR5	November 2048
			GL	32,411,000	PAC/AD	4.00	FIX	38381WNS3	November 2048
			GB	\$ 64,822,000	PAC/AD	3.00%	FIX	38381WNT1	May 2049
			LB	2,881,000	PAC/AD	2.00	FIX	38381WNU8	May 2049
			LC	67,703,000	PAC/AD	2.25	FIX	38381WNV6	May 2049
Security Group 9	Combination 9(5) GC GW		LD	67,703,000	PAC/AD	2.50	FIX	38381WNV4	May 2049
			LE	67,703,000	PAC/AD	2.75	FIX	38381WNX2	May 2049
			LG	45,135,333	PAC/AD	3.50	FIX	38381WNY0	May 2049
			LH	33,851,500	PAC/AD	4.00	FIX	38381WNZ7	May 2049
			LI	16,925,750	NTL(PAC/AD)	4.00	FIX/IO	38381WPA0	May 2049

Security Group 9

REMIC Securities			MX Securities							
Class	Original Class Principal Balance or Class Notional Balance		Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)		Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Combination 10(5)										
GC	\$ 64,822,000		GA	\$ 68,220,000		PAC/AD	3.00%	FIX	38381WPB8	June 2049
GT	517,000		IL	17,055,000		NTL(PAC/AD)	4.00	FIX/IO	38381WPC6	June 2049
GW	2,881,000		LK	68,220,000		PAC/AD	2.00	FIX	38381WPD4	June 2049
			LM	68,220,000		PAC/AD	2.25	FIX	38381WPE2	June 2049
			LN	68,220,000		PAC/AD	2.50	FIX	38381WPF9	June 2049
			LP	68,220,000		PAC/AD	2.75	FIX	38381WPG7	June 2049
			LQ	45,480,000		PAC/AD	3.50	FIX	38381WPH5	June 2049
			LW	34,110,000		PAC/AD	4.00	FIX	38381WPJ1	June 2049
Combination 11										
SG	\$ 10,460,054		LS	\$ 19,418,800		NTL(PT)	(7)	INV/IO	38381WPK8	June 2049
SL	8,958,746									
Combination 12										
SG	\$ 10,460,054		GS	\$ 30,788,800		NTL(PT/PAC/AD)	(7)	INV/IO	38381WPL6	June 2049
SL	8,958,746									
SW	11,370,000									
Combination 13										
FG	\$ 10,460,054		GF	\$ 30,788,800		PT/PAC/AD	(7)	FLT	38381WPM4	June 2049
FL	8,958,746									
FW	11,370,000									
Combination 14										
GT	\$ 517,000		GY	\$ 3,398,000		PAC/AD	3.00%	FIX	38381WPN2	June 2049
GW	2,881,000									

(1) All exchanges must comply with minimum denomination restrictions.

(2) The amount shown for each MX Class represents the maximum Original Class Principal Balance (or original Class Notional Balance) of that Class, assuming it were to be issued on the Closing Date.

(3) As defined under “Class Types” in Appendix I to the Base Offering Circular.

(4) See “Yield, Maturity and Prepayment Considerations — Final Distribution Date” in this Supplement.

- (5) In the case of Combinations 1, 2, 6, 7, 8, 9 and 10, various subcombinations are permitted. See *“Description of the Securities — Modifications and Exchange” in the Base Offering Circular for a discussion of subcombinations.*
- (6) Derived from REMIC Classes relating to separate Groups.
- (7) The Interest Rate will be calculated as described under “Terms Sheet — Interest Rates” in this Supplement.

Schedule II

SCHEDULED PRINCIPAL BALANCES

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
Initial Balance	\$73,013,000.00	\$1,297,000.00	\$96,804,000.00
July 2019	72,858,903.84	1,294,927.08	96,248,471.07
August 2019	72,686,639.33	1,291,819.96	95,669,817.26
September 2019	72,496,266.36	1,287,681.50	95,068,331.43
October 2019	72,287,856.07	1,282,515.91	94,444,320.42
November 2019	72,061,490.79	1,276,328.76	93,798,104.77
December 2019	71,817,264.06	1,269,127.00	93,130,018.46
January 2020	71,555,280.52	1,260,918.91	92,440,408.65
February 2020	71,275,655.90	1,251,714.12	91,729,635.32
March 2020	70,978,516.92	1,241,523.59	90,998,071.06
April 2020	70,664,001.20	1,230,359.64	90,246,100.64
May 2020	70,332,257.22	1,218,235.84	89,474,120.76
June 2020	69,983,444.12	1,205,167.12	88,682,564.89
July 2020	69,617,731.68	1,191,169.65	87,871,937.17
August 2020	69,235,300.13	1,176,260.86	87,043,544.99
September 2020	68,836,340.02	1,160,459.44	86,199,471.27
October 2020	68,421,052.08	1,143,785.26	85,350,717.79
November 2020	67,989,647.07	1,126,259.39	84,503,249.39
December 2020	67,542,345.58	1,107,904.05	83,661,475.38
January 2021	67,079,377.85	1,088,742.60	82,825,359.33
February 2021	66,600,983.60	1,068,799.48	81,994,865.01
March 2021	66,107,411.83	1,048,100.18	81,169,956.44
April 2021	65,598,920.55	1,026,671.24	80,350,597.85
May 2021	65,075,776.63	1,004,540.14	79,536,753.71
June 2021	64,538,255.54	981,735.34	78,728,388.70
July 2021	63,986,641.08	958,286.20	77,925,467.74
August 2021	63,421,225.17	934,222.92	77,127,955.95
September 2021	62,842,307.60	909,576.51	76,335,818.67
October 2021	62,250,195.71	884,378.79	75,549,021.48
November 2021	61,645,204.16	858,662.25	74,767,530.16
December 2021	61,044,263.13	833,397.09	73,991,310.70
January 2022	60,447,346.75	808,578.35	73,220,329.32
February 2022	59,854,429.30	784,201.12	72,454,552.43
March 2022	59,265,485.25	760,260.52	71,693,946.68
April 2022	58,680,489.20	736,751.73	70,938,478.90
May 2022	58,099,415.93	713,669.96	70,188,116.16
June 2022	57,522,240.37	691,010.48	69,442,825.70
July 2022	56,948,937.60	668,768.59	68,702,575.00
August 2022	56,379,482.87	646,939.65	67,967,331.73
September 2022	55,813,851.59	625,519.05	67,237,063.75
October 2022	55,252,019.30	604,502.23	66,511,739.16
November 2022	54,693,961.72	583,884.66	65,791,326.22
December 2022	54,139,654.70	563,661.86	65,075,793.40
January 2023	53,589,074.25	543,829.42	64,365,109.39
February 2023	53,042,196.55	524,382.91	63,659,243.06

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
March 2023	\$52,498,997.90	\$ 505,317.99	\$62,958,163.47
April 2023	51,959,454.76	486,630.35	62,261,839.88
May 2023	51,423,543.75	468,315.71	61,570,241.76
June 2023	50,891,241.61	450,369.85	60,883,338.74
July 2023	50,362,525.26	432,788.55	60,201,100.67
August 2023	49,837,371.74	415,567.68	59,523,497.58
September 2023	49,315,758.23	398,703.12	58,850,499.68
October 2023	48,797,662.08	382,190.79	58,182,077.37
November 2023	48,283,060.76	366,026.65	57,518,201.26
December 2023	47,771,931.90	350,206.70	56,858,842.10
January 2024	47,264,253.24	334,726.98	56,203,970.88
February 2024	46,760,002.69	319,583.57	55,553,558.71
March 2024	46,259,158.29	304,772.57	54,907,576.94
April 2024	45,761,698.21	290,290.13	54,265,997.07
May 2024	45,267,600.77	276,132.45	53,628,790.77
June 2024	44,776,844.41	262,295.73	52,995,929.92
July 2024	44,289,407.72	248,776.25	52,367,386.54
August 2024	43,805,269.42	235,570.28	51,743,132.87
September 2024	43,324,408.37	222,674.16	51,123,141.28
October 2024	42,846,803.54	210,084.25	50,507,384.35
November 2024	42,372,434.06	197,796.95	49,895,834.80
December 2024	41,901,279.17	185,808.68	49,288,465.56
January 2025	41,433,318.27	174,115.92	48,685,249.69
February 2025	40,968,530.84	162,715.16	48,086,160.46
March 2025	40,506,896.54	151,602.94	47,491,171.27
April 2025	40,048,395.14	140,775.81	46,900,255.71
May 2025	39,593,006.51	130,230.38	46,313,387.53
June 2025	39,140,710.69	119,963.29	45,730,540.65
July 2025	38,691,487.82	109,971.18	45,151,689.15
August 2025	38,245,318.17	100,250.76	44,576,807.28
September 2025	37,802,182.14	90,798.75	44,005,869.44
October 2025	37,362,060.24	81,611.92	43,438,850.20
November 2025	36,924,933.11	72,687.05	42,875,724.29
December 2025	36,490,781.52	64,020.96	42,316,466.60
January 2026	36,059,586.35	55,610.50	41,761,052.17
February 2026	35,631,328.60	47,452.55	41,209,456.21
March 2026	35,205,989.40	39,544.03	40,661,654.07
April 2026	34,783,549.98	31,881.87	40,117,621.28
May 2026	34,363,991.72	24,463.05	39,577,333.49
June 2026	33,947,296.08	17,284.56	39,040,766.53
July 2026	33,533,444.65	10,343.45	38,507,896.39
August 2026	33,122,419.16	3,636.75	37,978,699.18
September 2026	32,714,201.42	0.00	37,453,151.18
October 2026	32,308,773.36	0.00	36,931,228.81
November 2026	31,906,117.06	0.00	36,412,908.66
December 2026	31,506,214.66	0.00	35,898,167.45
January 2027	31,109,048.46	0.00	35,386,982.05
February 2027	30,714,600.83	0.00	34,879,329.46
March 2027	30,322,854.27	0.00	34,376,236.81

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
April 2027	\$29,933,791.41	\$ 0.00	\$33,879,890.07
May 2027	29,547,394.96	0.00	33,390,202.35
June 2027	29,163,647.74	0.00	32,907,087.82
July 2027	28,782,532.70	0.00	32,430,461.76
August 2027	28,404,032.87	0.00	31,960,240.50
September 2027	28,028,131.42	0.00	31,496,341.43
October 2027	27,654,811.59	0.00	31,038,682.98
November 2027	27,284,056.75	0.00	30,587,184.60
December 2027	26,915,850.37	0.00	30,141,766.76
January 2028	26,550,176.01	0.00	29,702,350.92
February 2028	26,187,017.36	0.00	29,268,859.55
March 2028	25,826,358.20	0.00	28,841,216.08
April 2028	25,469,906.53	0.00	28,419,344.92
May 2028	25,118,004.07	0.00	28,003,171.41
June 2028	24,770,595.13	0.00	27,592,621.86
July 2028	24,427,624.68	0.00	27,187,623.48
August 2028	24,089,038.36	0.00	26,788,104.41
September 2028	23,754,782.45	0.00	26,393,993.71
October 2028	23,424,803.88	0.00	26,005,221.32
November 2028	23,099,050.21	0.00	25,621,718.07
December 2028	22,777,469.62	0.00	25,243,415.65
January 2029	22,460,010.93	0.00	24,870,246.63
February 2029	22,146,623.56	0.00	24,502,144.42
March 2029	21,837,257.52	0.00	24,139,043.28
April 2029	21,531,863.45	0.00	23,780,878.29
May 2029	21,230,392.55	0.00	23,427,585.37
June 2029	20,932,796.63	0.00	23,079,101.22
July 2029	20,639,028.05	0.00	22,735,363.36
August 2029	20,349,039.78	0.00	22,396,310.10
September 2029	20,062,785.30	0.00	22,061,880.53
October 2029	19,780,218.70	0.00	21,732,014.49
November 2029	19,501,294.58	0.00	21,406,652.61
December 2029	19,225,968.11	0.00	21,085,736.27
January 2030	18,954,194.98	0.00	20,769,207.55
February 2030	18,685,931.43	0.00	20,457,009.33
March 2030	18,421,134.20	0.00	20,149,085.15
April 2030	18,159,760.58	0.00	19,845,379.30
May 2030	17,901,768.34	0.00	19,545,836.78
June 2030	17,647,115.77	0.00	19,250,403.26
July 2030	17,395,761.68	0.00	18,959,025.12
August 2030	17,147,665.34	0.00	18,671,649.42
September 2030	16,902,786.53	0.00	18,388,223.87
October 2030	16,661,085.51	0.00	18,108,696.88
November 2030	16,422,523.02	0.00	17,833,017.47
December 2030	16,187,060.27	0.00	17,561,135.34
January 2031	15,954,658.92	0.00	17,293,000.82
February 2031	15,725,281.11	0.00	17,028,564.86
March 2031	15,498,889.44	0.00	16,767,779.06
April 2031	15,275,446.93	0.00	16,510,595.59

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
May 2031	\$15,054,917.08	\$ 0.00	\$16,256,967.27
June 2031	14,837,263.81	0.00	16,006,847.50
July 2031	14,622,451.48	0.00	15,760,190.28
August 2031	14,410,444.87	0.00	15,516,950.18
September 2031	14,201,209.19	0.00	15,277,082.37
October 2031	13,994,710.07	0.00	15,040,542.57
November 2031	13,790,913.55	0.00	14,807,287.07
December 2031	13,589,786.09	0.00	14,577,272.72
January 2032	13,391,294.54	0.00	14,350,456.92
February 2032	13,195,406.15	0.00	14,126,797.61
March 2032	13,002,088.59	0.00	13,906,253.26
April 2032	12,811,309.87	0.00	13,688,782.88
May 2032	12,623,038.44	0.00	13,474,345.99
June 2032	12,437,243.09	0.00	13,262,902.64
July 2032	12,253,893.02	0.00	13,054,413.37
August 2032	12,072,957.76	0.00	12,848,839.25
September 2032	11,894,407.25	0.00	12,646,141.81
October 2032	11,718,211.77	0.00	12,446,283.11
November 2032	11,544,341.96	0.00	12,249,225.68
December 2032	11,372,768.82	0.00	12,054,932.50
January 2033	11,203,463.70	0.00	11,863,367.07
February 2033	11,036,398.29	0.00	11,674,493.33
March 2033	10,871,544.63	0.00	11,488,275.67
April 2033	10,708,875.10	0.00	11,304,678.97
May 2033	10,548,362.39	0.00	11,123,668.52
June 2033	10,389,979.56	0.00	10,945,210.07
July 2033	10,233,699.96	0.00	10,769,269.83
August 2033	10,079,497.28	0.00	10,595,814.41
September 2033	9,927,345.53	0.00	10,424,810.85
October 2033	9,777,219.02	0.00	10,256,226.63
November 2033	9,629,092.39	0.00	10,090,029.64
December 2033	9,482,940.58	0.00	9,926,188.18
January 2034	9,338,738.83	0.00	9,764,670.95
February 2034	9,196,462.68	0.00	9,605,447.05
March 2034	9,056,087.96	0.00	9,448,485.99
April 2034	8,917,590.81	0.00	9,293,757.66
May 2034	8,780,947.65	0.00	9,141,232.33
June 2034	8,646,135.19	0.00	8,990,880.68
July 2034	8,513,130.41	0.00	8,842,673.73
August 2034	8,381,910.59	0.00	8,696,582.90
September 2034	8,252,453.26	0.00	8,552,579.95
October 2034	8,124,736.25	0.00	8,410,637.03
November 2034	7,998,737.64	0.00	8,270,726.63
December 2034	7,874,435.78	0.00	8,132,821.60
January 2035	7,751,809.29	0.00	7,996,895.14
February 2035	7,630,837.04	0.00	7,862,920.80
March 2035	7,511,498.17	0.00	7,730,872.44
April 2035	7,393,772.06	0.00	7,600,724.31
May 2035	7,277,638.35	0.00	7,472,450.93

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
June 2035	\$ 7,163,076.93	\$ 0.00	\$ 7,346,027.20
July 2035	7,050,067.91	0.00	7,221,428.32
August 2035	6,938,591.68	0.00	7,098,629.80
September 2035	6,828,628.85	0.00	6,977,607.49
October 2035	6,720,160.25	0.00	6,858,337.52
November 2035	6,613,166.98	0.00	6,740,796.37
December 2035	6,507,630.34	0.00	6,624,960.78
January 2036	6,403,531.86	0.00	6,510,807.82
February 2036	6,300,853.32	0.00	6,398,314.84
March 2036	6,199,576.69	0.00	6,287,459.49
April 2036	6,099,684.19	0.00	6,178,219.70
May 2036	6,001,158.23	0.00	6,070,573.70
June 2036	5,903,981.46	0.00	5,964,500.00
July 2036	5,808,136.72	0.00	5,859,977.36
August 2036	5,713,607.06	0.00	5,756,984.84
September 2036	5,620,375.77	0.00	5,655,501.78
October 2036	5,528,426.30	0.00	5,555,507.77
November 2036	5,437,742.32	0.00	5,456,982.65
December 2036	5,348,307.72	0.00	5,359,906.56
January 2037	5,260,106.56	0.00	5,264,259.86
February 2037	5,173,123.10	0.00	5,170,023.19
March 2037	5,087,341.80	0.00	5,077,177.43
April 2037	5,002,747.30	0.00	4,985,703.71
May 2037	4,919,324.45	0.00	4,895,583.40
June 2037	4,837,058.26	0.00	4,806,798.11
July 2037	4,755,933.94	0.00	4,719,329.71
August 2037	4,675,936.87	0.00	4,633,160.28
September 2037	4,597,052.62	0.00	4,548,272.14
October 2037	4,519,266.92	0.00	4,464,647.84
November 2037	4,442,565.70	0.00	4,382,270.17
December 2037	4,366,935.05	0.00	4,301,122.12
January 2038	4,292,361.22	0.00	4,221,186.93
February 2038	4,218,830.64	0.00	4,142,448.03
March 2038	4,146,329.92	0.00	4,064,889.08
April 2038	4,074,845.80	0.00	3,988,493.95
May 2038	4,004,365.22	0.00	3,913,246.72
June 2038	3,934,875.26	0.00	3,839,131.67
July 2038	3,866,363.16	0.00	3,766,133.31
August 2038	3,798,816.32	0.00	3,694,236.33
September 2038	3,732,222.30	0.00	3,623,425.62
October 2038	3,666,568.79	0.00	3,553,686.26
November 2038	3,601,843.68	0.00	3,485,003.56
December 2038	3,538,034.95	0.00	3,417,362.99
January 2039	3,475,130.77	0.00	3,350,750.21
February 2039	3,413,119.45	0.00	3,285,151.08
March 2039	3,351,989.42	0.00	3,220,551.64
April 2039	3,291,729.28	0.00	3,156,938.12
May 2039	3,232,327.76	0.00	3,094,296.92
June 2039	3,173,773.73	0.00	3,032,614.61

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
July 2039	\$ 3,116,056.19	\$ 0.00	\$ 2,971,877.96
August 2039	3,059,164.30	0.00	2,912,073.90
September 2039	3,003,087.31	0.00	2,853,189.52
October 2039	2,947,814.65	0.00	2,795,212.10
November 2039	2,893,335.86	0.00	2,738,129.08
December 2039	2,839,640.60	0.00	2,681,928.06
January 2040	2,786,718.67	0.00	2,626,596.80
February 2040	2,734,560.00	0.00	2,572,123.23
March 2040	2,683,154.63	0.00	2,518,495.44
April 2040	2,632,492.74	0.00	2,465,701.67
May 2040	2,582,564.62	0.00	2,413,730.30
June 2040	2,533,360.69	0.00	2,362,569.90
July 2040	2,484,871.47	0.00	2,312,209.16
August 2040	2,437,087.62	0.00	2,262,636.92
September 2040	2,389,999.91	0.00	2,213,842.19
October 2040	2,343,599.21	0.00	2,165,814.10
November 2040	2,297,876.52	0.00	2,118,541.94
December 2040	2,252,822.94	0.00	2,072,015.12
January 2041	2,208,429.70	0.00	2,026,223.22
February 2041	2,164,688.12	0.00	1,981,155.94
March 2041	2,121,589.63	0.00	1,936,803.10
April 2041	2,079,125.77	0.00	1,893,154.70
May 2041	2,037,288.19	0.00	1,850,200.82
June 2041	1,996,068.64	0.00	1,807,931.71
July 2041	1,955,458.97	0.00	1,766,337.72
August 2041	1,915,451.14	0.00	1,725,409.36
September 2041	1,876,037.19	0.00	1,685,137.23
October 2041	1,837,209.29	0.00	1,645,512.09
November 2041	1,798,959.68	0.00	1,606,524.79
December 2041	1,761,280.72	0.00	1,568,166.32
January 2042	1,724,164.84	0.00	1,530,427.79
February 2042	1,687,604.58	0.00	1,493,300.42
March 2042	1,651,592.58	0.00	1,456,775.56
April 2042	1,616,121.56	0.00	1,420,844.64
May 2042	1,581,184.33	0.00	1,385,499.26
June 2042	1,546,773.80	0.00	1,350,731.07
July 2042	1,512,882.96	0.00	1,316,531.89
August 2042	1,479,504.89	0.00	1,282,893.60
September 2042	1,446,632.76	0.00	1,249,808.22
October 2042	1,414,259.82	0.00	1,217,267.86
November 2042	1,382,379.41	0.00	1,185,264.74
December 2042	1,350,984.96	0.00	1,153,791.19
January 2043	1,320,069.96	0.00	1,122,839.63
February 2043	1,289,628.00	0.00	1,092,402.59
March 2043	1,259,652.74	0.00	1,062,472.69
April 2043	1,230,137.94	0.00	1,033,042.67
May 2043	1,201,077.42	0.00	1,004,105.34
June 2043	1,172,465.07	0.00	975,653.63
July 2043	1,144,294.88	0.00	947,680.55

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
August 2043	\$ 1,116,560.91	\$ 0.00	\$ 920,179.20
September 2043	1,089,257.27	0.00	893,142.78
October 2043	1,062,378.18	0.00	866,564.60
November 2043	1,035,917.91	0.00	840,438.01
December 2043	1,009,870.81	0.00	814,756.51
January 2044	984,231.30	0.00	789,513.64
February 2044	958,993.86	0.00	764,703.05
March 2044	934,153.07	0.00	740,318.46
April 2044	909,703.55	0.00	716,353.70
May 2044	885,639.99	0.00	692,802.65
June 2044	861,957.15	0.00	669,659.30
July 2044	838,649.88	0.00	646,917.71
August 2044	815,713.06	0.00	624,572.02
September 2044	793,141.65	0.00	602,616.44
October 2044	770,930.68	0.00	581,045.27
November 2044	749,075.23	0.00	559,852.90
December 2044	727,570.45	0.00	539,033.76
January 2045	706,411.56	0.00	518,582.38
February 2045	685,593.82	0.00	498,493.37
March 2045	665,112.57	0.00	478,761.40
April 2045	644,963.20	0.00	459,381.20
May 2045	625,141.15	0.00	440,347.60
June 2045	605,641.94	0.00	421,655.48
July 2045	586,461.12	0.00	403,299.80
August 2045	567,594.33	0.00	385,275.58
September 2045	549,037.23	0.00	367,577.91
October 2045	530,785.56	0.00	350,201.96
November 2045	512,835.11	0.00	333,142.93
December 2045	495,181.71	0.00	316,778.17
January 2046	477,821.26	0.00	300,713.18
February 2046	460,749.70	0.00	284,943.51
March 2046	443,963.03	0.00	269,464.74
April 2046	427,457.30	0.00	254,272.54
May 2046	411,228.62	0.00	239,362.63
June 2046	395,273.12	0.00	224,887.45
July 2046	379,587.00	0.00	210,796.79
August 2046	364,166.53	0.00	196,986.62
September 2046	349,007.98	0.00	183,440.90
October 2046	334,107.70	0.00	170,151.20
November 2046	319,462.08	0.00	157,259.09
December 2046	305,067.57	0.00	144,612.38
January 2047	290,920.63	0.00	132,207.37
February 2047	277,017.80	0.00	120,040.40
March 2047	263,355.65	0.00	108,107.86
April 2047	249,930.79	0.00	96,498.44
May 2047	236,739.89	0.00	85,193.50
June 2047	223,779.64	0.00	74,109.04
July 2047	211,046.80	0.00	63,335.23
August 2047	198,538.15	0.00	53,052.51

<u>Distribution Date</u>	<u>Class DB</u>	<u>Class WD</u>	<u>Class DE</u>
September 2047	\$ 186,250.52	\$ 0.00	\$ 43,279.19
October 2047	174,180.77	0.00	34,100.38
November 2047	162,325.82	0.00	25,715.89
December 2047	150,682.62	0.00	17,997.87
January 2048	139,248.15	0.00	11,364.04
February 2048	128,019.46	0.00	5,755.76
March 2048	116,993.59	0.00	1,502.08
April 2048	106,167.66	0.00	0.00
May 2048	95,538.82	0.00	0.00
June 2048	85,104.23	0.00	0.00
July 2048	74,861.12	0.00	0.00
August 2048	64,806.74	0.00	0.00
September 2048	54,938.37	0.00	0.00
October 2048	45,253.35	0.00	0.00
November 2048	35,749.02	0.00	0.00
December 2048	26,422.79	0.00	0.00
January 2049	17,272.07	0.00	0.00
February 2049	8,294.33	0.00	0.00
March 2049 and thereafter	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
Initial Balance	\$6,446,000.00	\$8,698,000.00	\$79,590,000.00
July 2019	6,365,146.44	8,670,838.59	79,362,099.54
August 2019	6,279,721.61	8,640,017.51	79,109,353.74
September 2019	6,189,834.51	8,605,553.14	78,831,839.78
October 2019	6,095,600.32	8,567,465.56	78,529,653.81
November 2019	5,997,140.23	8,525,778.62	78,202,910.96
December 2019	5,894,581.31	8,480,519.91	77,851,745.31
January 2020	5,788,056.24	8,431,720.71	77,476,309.77
February 2020	5,677,703.25	8,379,416.01	77,076,776.00
March 2020	5,563,665.76	8,323,644.41	76,653,334.31
April 2020	5,446,092.29	8,264,448.15	76,206,193.47
May 2020	5,325,136.18	8,201,873.02	75,735,580.60
June 2020	5,200,960.70	8,135,968.30	75,241,740.90
July 2020	5,073,745.90	8,066,786.76	74,724,937.50
August 2020	4,943,841.80	7,994,384.51	74,185,451.17
September 2020	4,811,757.59	7,918,821.00	73,623,580.08
October 2020	4,679,851.84	7,840,158.89	73,039,639.51
November 2020	4,549,385.14	7,758,464.02	72,433,961.50
December 2020	4,421,267.87	7,673,805.26	71,806,894.59
January 2021	4,295,473.13	7,586,254.47	71,158,803.38
February 2021	4,171,974.32	7,495,886.36	70,490,068.22
March 2021	4,050,745.07	7,402,778.42	69,801,084.77
April 2021	3,931,759.28	7,307,010.78	69,092,263.60
May 2021	3,814,991.10	7,208,666.10	68,364,029.74
June 2021	3,700,414.94	7,107,829.47	67,616,822.23
July 2021	3,588,005.41	7,004,588.28	66,851,093.63
August 2021	3,477,737.43	6,899,032.06	66,067,309.56
September 2021	3,369,586.15	6,791,252.41	65,265,948.15
October 2021	3,263,526.91	6,684,690.37	64,447,499.52
November 2021	3,159,535.34	6,579,332.57	63,612,465.24
December 2021	3,057,587.31	6,475,165.78	62,783,888.04
January 2022	2,957,658.88	6,372,176.91	61,961,713.51
February 2022	2,859,726.40	6,270,353.02	61,145,887.71
March 2022	2,763,766.41	6,169,681.29	60,336,357.11
April 2022	2,669,755.69	6,070,149.07	59,533,068.59
May 2022	2,577,671.24	5,971,743.83	58,735,969.49
June 2022	2,487,490.31	5,874,453.16	57,945,007.51
July 2022	2,399,190.35	5,778,264.80	57,160,130.81
August 2022	2,312,749.03	5,683,166.64	56,381,287.93
September 2022	2,228,144.26	5,589,146.67	55,608,427.83
October 2022	2,145,354.13	5,496,193.02	54,841,499.87
November 2022	2,064,356.97	5,404,293.96	54,080,453.80
December 2022	1,985,131.35	5,313,437.88	53,325,239.78
January 2023	1,907,655.99	5,223,613.29	52,575,808.36
February 2023	1,831,909.85	5,134,808.83	51,832,110.47
March 2023	1,757,872.12	5,047,013.26	51,094,097.44
April 2023	1,685,522.16	4,960,215.47	50,361,720.98
May 2023	1,614,839.54	4,874,404.46	49,634,933.18

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2023	\$1,545,804.05	\$4,789,569.36	\$48,913,686.50
July 2023	1,478,395.66	4,705,699.40	48,197,933.78
August 2023	1,412,594.54	4,622,783.95	47,487,628.24
September 2023	1,348,381.08	4,540,812.48	46,782,723.47
October 2023	1,285,735.85	4,459,774.58	46,083,173.40
November 2023	1,224,639.58	4,379,659.94	45,388,932.35
December 2023	1,165,073.26	4,300,458.38	44,699,954.99
January 2024	1,107,018.00	4,222,159.82	44,016,196.36
February 2024	1,050,455.15	4,144,754.30	43,337,611.82
March 2024	995,366.21	4,068,231.95	42,664,157.13
April 2024	941,732.87	3,992,583.02	41,995,788.35
May 2024	889,537.05	3,917,797.86	41,332,461.92
June 2024	838,760.77	3,843,866.94	40,674,134.62
July 2024	789,386.31	3,770,780.81	40,020,763.55
August 2024	741,396.05	3,698,530.14	39,372,306.16
September 2024	694,772.62	3,627,105.69	38,728,720.25
October 2024	649,498.77	3,556,498.32	38,089,963.93
November 2024	605,557.46	3,486,699.01	37,455,995.64
December 2024	562,931.78	3,417,698.81	36,826,774.17
January 2025	521,605.04	3,349,488.88	36,202,258.61
February 2025	481,560.67	3,282,060.49	35,582,408.38
March 2025	442,782.31	3,215,404.97	34,967,183.23
April 2025	405,253.74	3,149,513.77	34,356,543.21
May 2025	368,958.91	3,084,378.44	33,750,448.69
June 2025	333,881.93	3,019,990.60	33,148,860.36
July 2025	300,007.07	2,956,341.96	32,551,739.22
August 2025	267,318.75	2,893,656.58	31,959,046.55
September 2025	235,801.59	2,832,268.86	31,373,004.88
October 2025	205,440.31	2,772,152.37	30,797,359.64
November 2025	176,219.81	2,713,281.22	30,231,930.38
December 2025	148,125.16	2,655,630.03	29,676,539.70
January 2026	121,141.56	2,599,173.94	29,131,013.27
February 2026	95,254.36	2,543,888.58	28,595,179.73
March 2026	70,449.09	2,489,750.09	28,068,870.63
April 2026	46,711.37	2,436,735.06	27,551,920.45
May 2026	24,027.04	2,384,820.57	27,044,166.45
June 2026	2,382.03	2,333,984.18	26,545,448.72
July 2026	0.00	2,284,203.87	26,055,610.06
August 2026	0.00	2,235,458.09	25,574,495.97
September 2026	0.00	2,187,725.69	25,101,954.61
October 2026	0.00	2,140,986.00	24,637,836.72
November 2026	0.00	2,095,218.71	24,181,995.60
December 2026	0.00	2,050,403.96	23,734,287.09
January 2027	0.00	2,006,522.27	23,294,569.47
February 2027	0.00	1,963,554.57	22,862,703.46
March 2027	0.00	1,921,482.16	22,438,552.19
April 2027	0.00	1,880,286.72	22,021,981.10
May 2027	0.00	1,839,950.31	21,612,857.97

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2027	\$ 0.00	\$1,800,455.34	\$21,211,052.82
July 2027	0.00	1,761,784.58	20,816,437.94
August 2027	0.00	1,723,921.15	20,428,887.77
September 2027	0.00	1,686,848.52	20,048,278.94
October 2027	0.00	1,650,550.47	19,674,490.18
November 2027	0.00	1,615,011.14	19,307,402.30
December 2027	0.00	1,580,214.95	18,946,898.18
January 2028	0.00	1,546,146.68	18,592,862.68
February 2028	0.00	1,512,791.39	18,245,182.67
March 2028	0.00	1,480,134.44	17,903,746.94
April 2028	0.00	1,448,161.50	17,568,446.22
May 2028	0.00	1,416,858.53	17,239,173.09
June 2028	0.00	1,386,211.77	16,915,822.00
July 2028	0.00	1,356,207.73	16,598,289.20
August 2028	0.00	1,326,833.21	16,286,472.74
September 2028	0.00	1,298,075.27	15,980,272.41
October 2028	0.00	1,269,921.22	15,679,589.73
November 2028	0.00	1,242,358.65	15,384,327.94
December 2028	0.00	1,215,375.39	15,094,391.90
January 2029	0.00	1,188,959.50	14,809,688.14
February 2029	0.00	1,163,099.32	14,530,124.81
March 2029	0.00	1,137,783.40	14,255,611.62
April 2029	0.00	1,113,000.52	13,986,059.84
May 2029	0.00	1,088,739.71	13,721,382.28
June 2029	0.00	1,064,990.20	13,461,493.25
July 2029	0.00	1,041,741.44	13,206,308.54
August 2029	0.00	1,018,983.11	12,955,745.38
September 2029	0.00	996,705.09	12,709,722.45
October 2029	0.00	974,897.47	12,468,159.82
November 2029	0.00	953,550.54	12,230,978.94
December 2029	0.00	932,654.77	11,998,102.62
January 2030	0.00	912,200.85	11,769,455.01
February 2030	0.00	892,179.66	11,544,961.55
March 2030	0.00	872,582.23	11,324,549.00
April 2030	0.00	853,399.82	11,108,145.36
May 2030	0.00	834,623.83	10,895,679.88
June 2030	0.00	816,245.85	10,687,083.05
July 2030	0.00	798,257.65	10,482,286.54
August 2030	0.00	780,651.15	10,281,223.22
September 2030	0.00	763,418.45	10,083,827.11
October 2030	0.00	746,551.80	9,890,033.38
November 2030	0.00	730,043.61	9,699,778.31
December 2030	0.00	713,886.46	9,512,999.31
January 2031	0.00	698,073.05	9,329,634.85
February 2031	0.00	682,596.25	9,149,624.47
March 2031	0.00	667,449.08	8,972,908.77
April 2031	0.00	652,624.69	8,799,429.37
May 2031	0.00	638,116.38	8,629,128.90

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2031	\$ 0.00	\$ 623,917.58	\$ 8,461,951.00
July 2031	0.00	610,021.85	8,297,840.27
August 2031	0.00	596,422.89	8,136,742.29
September 2031	0.00	583,114.53	7,978,603.56
October 2031	0.00	570,090.72	7,823,371.54
November 2031	0.00	557,345.53	7,670,994.57
December 2031	0.00	544,873.17	7,521,421.92
January 2032	0.00	532,667.94	7,374,603.72
February 2032	0.00	520,724.28	7,230,490.97
March 2032	0.00	509,036.74	7,089,035.53
April 2032	0.00	497,599.96	6,950,190.09
May 2032	0.00	486,408.73	6,813,908.16
June 2032	0.00	475,457.91	6,680,144.08
July 2032	0.00	464,742.48	6,548,852.96
August 2032	0.00	454,257.53	6,419,990.70
September 2032	0.00	443,998.23	6,293,513.97
October 2032	0.00	433,959.87	6,169,380.20
November 2032	0.00	424,137.83	6,047,547.55
December 2032	0.00	414,527.58	5,927,974.92
January 2033	0.00	405,124.68	5,810,621.92
February 2033	0.00	395,924.79	5,695,448.88
March 2033	0.00	386,923.67	5,582,416.79
April 2033	0.00	378,117.13	5,471,487.35
May 2033	0.00	369,501.11	5,362,622.92
June 2033	0.00	361,071.61	5,255,786.51
July 2033	0.00	352,824.70	5,150,941.79
August 2033	0.00	344,756.55	5,048,053.06
September 2033	0.00	336,863.42	4,947,085.23
October 2033	0.00	329,141.62	4,848,003.84
November 2033	0.00	321,587.55	4,750,775.04
December 2033	0.00	314,197.68	4,655,365.54
January 2034	0.00	306,968.55	4,561,742.66
February 2034	0.00	299,896.79	4,469,874.29
March 2034	0.00	292,979.07	4,379,728.87
April 2034	0.00	286,212.15	4,291,275.41
May 2034	0.00	279,592.85	4,204,483.44
June 2034	0.00	273,118.05	4,119,323.04
July 2034	0.00	266,784.72	4,035,764.82
August 2034	0.00	260,589.85	3,953,779.89
September 2034	0.00	254,530.52	3,873,339.88
October 2034	0.00	248,603.88	3,794,416.90
November 2034	0.00	242,807.11	3,716,983.58
December 2034	0.00	237,137.47	3,641,012.99
January 2035	0.00	231,592.26	3,566,478.71
February 2035	0.00	226,168.86	3,493,354.76
March 2035	0.00	220,864.68	3,421,615.64
April 2035	0.00	215,677.19	3,351,236.28
May 2035	0.00	210,603.91	3,282,192.04

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2035	\$ 0.00	\$ 205,642.44	\$ 3,214,458.75
July 2035	0.00	200,790.38	3,148,012.64
August 2035	0.00	196,045.43	3,082,830.36
September 2035	0.00	191,405.29	3,018,888.97
October 2035	0.00	186,867.75	2,956,165.94
November 2035	0.00	182,430.62	2,894,639.15
December 2035	0.00	178,091.76	2,834,286.84
January 2036	0.00	173,849.08	2,775,087.65
February 2036	0.00	169,700.53	2,717,020.61
March 2036	0.00	165,644.10	2,660,065.10
April 2036	0.00	161,677.83	2,604,200.88
May 2036	0.00	157,799.80	2,549,408.04
June 2036	0.00	154,008.11	2,495,667.05
July 2036	0.00	150,300.93	2,442,958.72
August 2036	0.00	146,676.45	2,391,264.19
September 2036	0.00	143,132.90	2,340,564.94
October 2036	0.00	139,668.54	2,290,842.78
November 2036	0.00	136,281.68	2,242,079.83
December 2036	0.00	132,970.67	2,194,258.55
January 2037	0.00	129,733.86	2,147,361.68
February 2037	0.00	126,569.68	2,101,372.29
March 2037	0.00	123,476.56	2,056,273.75
April 2037	0.00	120,452.97	2,012,049.70
May 2037	0.00	117,497.42	1,968,684.10
June 2037	0.00	114,608.45	1,926,161.18
July 2037	0.00	111,784.63	1,884,465.45
August 2037	0.00	109,024.55	1,843,581.70
September 2037	0.00	106,326.83	1,803,494.98
October 2037	0.00	103,690.14	1,764,190.63
November 2037	0.00	101,113.16	1,725,654.22
December 2037	0.00	98,594.59	1,687,871.59
January 2038	0.00	96,133.18	1,650,828.85
February 2038	0.00	93,727.69	1,614,512.32
March 2038	0.00	91,376.91	1,578,908.60
April 2038	0.00	89,079.66	1,544,004.51
May 2038	0.00	86,834.77	1,509,787.10
June 2038	0.00	84,641.12	1,476,243.67
July 2038	0.00	82,497.58	1,443,361.73
August 2038	0.00	80,403.08	1,411,129.01
September 2038	0.00	78,356.55	1,379,533.49
October 2038	0.00	76,356.94	1,348,563.32
November 2038	0.00	74,403.23	1,318,206.90
December 2038	0.00	72,494.43	1,288,452.82
January 2039	0.00	70,629.56	1,259,289.87
February 2039	0.00	68,807.66	1,230,707.06
March 2039	0.00	67,027.79	1,202,693.56
April 2039	0.00	65,289.03	1,175,238.78
May 2039	0.00	63,590.49	1,148,332.29

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2039	\$ 0.00	\$ 61,931.29	\$ 1,121,963.85
July 2039	0.00	60,310.56	1,096,123.42
August 2039	0.00	58,727.47	1,070,801.11
September 2039	0.00	57,181.19	1,045,987.25
October 2039	0.00	55,670.91	1,021,672.30
November 2039	0.00	54,195.84	997,846.92
December 2039	0.00	52,755.21	974,501.93
January 2040	0.00	51,348.26	951,628.31
February 2040	0.00	49,974.26	929,217.21
March 2040	0.00	48,632.47	907,259.93
April 2040	0.00	47,322.18	885,747.95
May 2040	0.00	46,042.71	864,672.87
June 2040	0.00	44,793.36	844,026.46
July 2040	0.00	43,573.49	823,800.65
August 2040	0.00	42,382.42	803,987.48
September 2040	0.00	41,219.53	784,579.18
October 2040	0.00	40,084.20	765,568.07
November 2040	0.00	38,975.80	746,946.66
December 2040	0.00	37,893.75	728,707.56
January 2041	0.00	36,837.46	710,843.53
February 2041	0.00	35,806.36	693,347.44
March 2041	0.00	34,799.88	676,212.32
April 2041	0.00	33,817.48	659,431.31
May 2041	0.00	32,858.62	642,997.67
June 2041	0.00	31,922.77	626,904.79
July 2041	0.00	31,009.43	611,146.18
August 2041	0.00	30,118.09	595,715.46
September 2041	0.00	29,248.25	580,606.38
October 2041	0.00	28,399.45	565,812.79
November 2041	0.00	27,571.19	551,328.66
December 2041	0.00	26,763.03	537,148.06
January 2042	0.00	25,974.51	523,265.18
February 2042	0.00	25,205.19	509,674.32
March 2042	0.00	24,454.64	496,369.86
April 2042	0.00	23,722.44	483,346.30
May 2042	0.00	23,008.17	470,598.25
June 2042	0.00	22,311.42	458,120.39
July 2042	0.00	21,631.81	445,907.53
August 2042	0.00	20,968.94	433,954.54
September 2042	0.00	20,322.44	422,256.42
October 2042	0.00	19,691.93	410,808.23
November 2042	0.00	19,077.05	399,605.15
December 2042	0.00	18,477.45	388,642.42
January 2043	0.00	17,892.77	377,915.38
February 2043	0.00	17,322.68	367,419.46
March 2043	0.00	16,766.85	357,150.17
April 2043	0.00	16,224.95	347,103.11
May 2043	0.00	15,696.67	337,273.93

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2043	\$ 0.00	\$ 15,181.68	\$ 327,658.41
July 2043	0.00	14,679.69	318,252.36
August 2043	0.00	14,190.40	309,051.69
September 2043	0.00	13,713.51	300,052.40
October 2043	0.00	13,248.75	291,250.53
November 2043	0.00	12,795.83	282,642.22
December 2043	0.00	12,354.48	274,223.67
January 2044	0.00	11,924.44	265,991.14
February 2044	0.00	11,505.43	257,940.99
March 2044	0.00	11,097.22	250,069.62
April 2044	0.00	10,699.54	242,373.50
May 2044	0.00	10,312.15	234,849.17
June 2044	0.00	9,934.82	227,493.25
July 2044	0.00	9,567.30	220,302.39
August 2044	0.00	9,209.38	213,273.32
September 2044	0.00	8,860.82	206,402.84
October 2044	0.00	8,521.42	199,687.80
November 2044	0.00	8,190.95	193,125.11
December 2044	0.00	7,869.20	186,711.72
January 2045	0.00	7,555.98	180,444.67
February 2045	0.00	7,251.08	174,321.03
March 2045	0.00	6,954.30	168,337.93
April 2045	0.00	6,665.46	162,492.56
May 2045	0.00	6,384.37	156,782.17
June 2045	0.00	6,110.84	151,204.03
July 2045	0.00	5,844.69	145,755.49
August 2045	0.00	5,585.76	140,433.95
September 2045	0.00	5,333.86	135,236.84
October 2045	0.00	5,088.84	130,161.65
November 2045	0.00	4,850.52	125,205.91
December 2045	0.00	4,618.76	120,367.21
January 2046	0.00	4,393.38	115,643.18
February 2046	0.00	4,174.25	111,031.48
March 2046	0.00	3,961.20	106,529.83
April 2046	0.00	3,754.10	102,135.99
May 2046	0.00	3,552.80	97,847.77
June 2046	0.00	3,357.16	93,662.99
July 2046	0.00	3,167.04	89,579.56
August 2046	0.00	2,982.32	85,595.38
September 2046	0.00	2,802.85	81,708.42
October 2046	0.00	2,628.52	77,916.69
November 2046	0.00	2,459.20	74,218.23
December 2046	0.00	2,294.76	70,611.10
January 2047	0.00	2,135.09	67,093.42
February 2047	0.00	1,980.07	63,663.34
March 2047	0.00	1,829.59	60,319.05
April 2047	0.00	1,683.53	57,058.76
May 2047	0.00	1,541.79	53,880.73

<u>Distribution Date</u>	<u>Class JD</u>	<u>Classes PA and PE (in the aggregate)</u>	<u>Classes FW, GC, GT and GW (in the aggregate)</u>
June 2047	\$ 0.00	\$ 1,404.26	\$ 50,783.24
July 2047	0.00	1,270.83	47,764.61
August 2047	0.00	1,141.41	44,823.19
September 2047	0.00	1,015.90	41,957.37
October 2047	0.00	894.19	39,165.55
November 2047	0.00	776.20	36,446.18
December 2047	0.00	661.82	33,797.74
January 2048	0.00	550.98	31,218.72
February 2048	0.00	443.58	28,707.67
March 2048	0.00	339.54	26,263.13
April 2048	0.00	238.76	23,883.70
May 2048	0.00	141.18	21,567.99
June 2048	0.00	46.70	19,314.64
July 2048	0.00	0.00	17,122.33
August 2048	0.00	0.00	14,989.74
September 2048	0.00	0.00	12,915.59
October 2048	0.00	0.00	10,898.64
November 2048	0.00	0.00	8,937.64
December 2048	0.00	0.00	7,031.38
January 2049	0.00	0.00	5,178.70
February 2049	0.00	0.00	3,378.41
March 2049	0.00	0.00	1,629.39
April 2049 and thereafter	0.00	0.00	0.00

Underlying Certificates

Trust Asset Group or Subgroup	Issuer	Series	Class	Issue Date	CUSIP Number	Interest Rate	Interest Type(I)	Final Distribution Date	Principal Type(I)	Original Principal or Notional Balance of Class	Underlying Certificate Factor(2)	Principal or Notional Balance in Trust	Percentage of Class in Trust	Approximate Weighted Coupon of Mortgage Loans(3)	Approximate Weighted Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)	Ginnie Mae I or II
3	Ginnie Mae	2018-065	BA(4)	May 30, 2018	38380WJ67	3.5%	FIX	May 2048	PT	\$150,000,000	0.93584988	\$140,377,482	100.000000000000%	4.44(6)%	342	15	II
6A	Ginnie Mae	2013-147	QS(6)	October 30, 2013	383781PV3	(5)	INV/IO	December 2039	NTL(SC/PAC)	43,323,500	0.30198192	13,082,913	100.000000000000	5.322	237	114	II
6B	Ginnie Mae	2013-152	HS(7)	October 30, 2013	383781WY9	(5)	INV/IO	June 2043	NTL(PAC/AD)	160,960,820	0.28699168	11,479,667	24.8507680316	(7)	(7)	(7)	II
6C	Ginnie Mae	2010-153	SY(8)	November 30, 2010	38377M3X2	(5)	INV/IO	May 2040	NTL(SC/PT)	13,398,043	0.13327717	1,785,653	100.000000000000	5.291	240	111	II

(1) As defined under “Class Types” in Appendix I to the Base Offering Circular.

(2) Underlying Certificate Factors are as of June 2019.

(3) Based on information as of June 2019.

(4) More than 10% of the Mortgage Loans underlying this Underlying Certificate may be higher balance Mortgage Loans. See “Risk Factors” in this Supplement.

(5) The Interest Rate will be calculated as described under “Terms Sheet — Interest Rates” in the related Underlying Certificate Disclosure Document.

(6) Class QS is backed by previously issued MX Certificates, Classes UA and UI from Ginnie Mae 2009-121.

(7) Class HS is a REMIC Class that is related to separate Trust Asset Subgroups, which are backed by certain mortgage loans whose approximate weighted average characteristics are as follows:

Trust Asset Subgroup	Series	Approximate Weighted			Approximate Weighted		
		Approximate Weighted Coupon of Mortgage Loans(3)	Approximate Weighted Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)	Approximate Weighted Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)
2013-152	2A	5.366%	235	115	235	115	115
	2B	5.380	234	116	234	116	116
2013-152	2C	5.358	235	115	235	115	115
	2D	5.355	234	109	234	109	109
2013-152	2E	5.289	243	109	243	109	109

(8) Class SY is backed by a previously issued REMIC Certificate, Class YF from Ginnie Mae 2010-064, and a previously issued MX Certificate, Class YS from Ginnie Mae 2010-064.



\$877,815,558

**Government National
Mortgage Association**

GINNIE MAE[®]

**Guaranteed REMIC
Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2019-072**

OFFERING CIRCULAR SUPPLEMENT
June 21, 2019

**BofA Merrill Lynch
Tribal Capital Markets, LLC**