Offering Circular Supplement
(To Base Offering Circular dated March 1, 2017)

$379,097,887
Government National Mortgage Association
GINNIE MAE®

Guaranteed REMIC Pass-Through Securities and MX Securities
Ginnie Mae REMIC Trust 2019-003

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-9 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 January 30, 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						
H	$1,749,950	3.00%	SUP	FIX	38381BHN7	January 2049
HA(1)	6,974,000	3.00	PAC	FIX	38381BHP2	April 2048
HF(1)	23,309,874	(5)	PT	FLT	38381BHQ0	January 2049
HQ(1)	600,000	3.00	PAC	FIX	38381BHR8	January 2049
HS(1)	23,309,874	(5)	NTL(PT)	INV/IO	38381BHS6	January 2049
Security Group 2						
TC	20,000,000	4.00	PAC/AD	FIX	38381BHT4	January 2049
TI	2,222,222	4.50	NTL(PAC/AD)	FIX/IO	38381BHU1	January 2049
TZ	5,528,000	4.50	SUP	FIX/Z	38381BHV9	January 2049
Security Group 3						
B	16,391,335	3.50	SC/SEQ	FIX	38381BHW7	September 2047
BL	3,275,621	3.50	SC/SEQ	FIX	38381BHX5	September 2047
Security Group 4						
N	919,902	3.00	SUP	FIX	38381BHY3	January 2049
NA(1)	3,555,000	3.00	PAC	FIX	38381BHZ0	November 2047
NF(1)	12,312,255	(5)	PT	FLT	38381BJA3	January 2049
NQ(1)	450,000	3.00	PAC	FIX	38381BJB1	January 2049
NS(1)	12,312,255	(5)	NTL(PT)	INV/IO	38381BJC9	January 2049
Security Group 5						
JA(1)	45,313,000	4.00	PAC/AD	FIX	38381BJD7	July 2046
JZ	3,199,000	4.00	PAC/AD	FIX/Z	38381BJE5	January 2049
ZJ	10,321,512	4.00	SUP	FIX/Z	38381BJF2	January 2049
Security Group 6						
EA(1)	79,227,000	4.00	PAC/AD	FIX	38381BJG0	December 2048
EZ	289,000	4.00	PAC/AD	FIX/Z	38381BJH8	January 2049
FE	50,000,000	(5)	PT	FLT	38381BJJ4	January 2049
IE	17,836,775	5.50	NTL(PT)	FIX/IO	38381BJK1	January 2049
SE	50,000,000	(5)	NTL(PT)	INV/IO	38381BJL9	January 2049
ZE	19,218,842	4.00	SUP	FIX/Z	38381BJM7	January 2049
Security Group 7						
FT(1)	12,312,255	(5)	PT	FLT	38381BJN5	January 2049
ST	12,312,255	(5)	NTL(PT)	INV/IO	38381BJP0	January 2049
T	923,902	3.00	SUP	FIX	38381BJQ8	January 2049
TA(1)	3,674,000	3.00	PAC	FIX	38381BJR6	March 2048
TQ(1)	327,000	3.00	PAC	FIX	38381BJS4	January 2049
Security Group 8						
M	4,253,872	3.00	SC/SUP	FIX	38381BJT2	April 2048
MA	31,694,000	3.00	SC/SCH	FIX	38381BJU9	April 2048
MY	749,000	3.00	SC/SCH	FIX	38381BJV7	April 2048
Security Group 9						
AB	22,529,567	3.25	PT	FIX	38381BJW5	January 2049
AI	7,885,348	5.00	NTL(PT)	FIX/IO	38381BJX3	January 2049
Residual						
RR	0	0.00	NPR	NPR	38381BJY1	January 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.*

Wells Fargo Securities **Tribal Capital Markets**

The date of this Offering Circular Supplement is January 23, 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 8 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: Wells Fargo Bank, N.A.

Co-Sponsor: Tribal Capital Markets, LLC

Trustee: U.S. Bank National Association

Tax Administrator: The Trustee

Closing Date: January 30, 2019

Distribution Dates: For the Group 9 Securities, the 16th day of each month or, if the 16th day is not a Business Day, the first Business Day thereafter, commencing in February 2019. For the Group 1, 2, 3, 4, 5, 6, 7 and 8 Securities, the 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in February 2019.

Trust Assets:

Trust Asset Group	Trust Asset Type	Certificate Rate	Original Term To Maturity (in years)
1	Ginnie Mae II	5.5%	30
2	Ginnie Mae II	4.5%	30
3	Underlying Certificate	(1)	(1)
4	Ginnie Mae II	5.5%	30
5	Ginnie Mae II	4.0%	30
6	Ginnie Mae II	5.5%	30
7	Ginnie Mae II	5.5%	30
8	Underlying Certificates	(1)	(1)
9	Ginnie Mae I	5.0%	30

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

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. Except in the case of certain MX Classes in Groups 1, 4 and 7, 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, 6, 7 and 9 Trust Assets[1]:

Principal Balance	Weighted Average Remaining Term to Maturity (in months)	Weighted Average Loan Age (in months)	Weighted Average Mortgage Rate[2]
Group 1 Trust Assets			
$32,633,824	352	7	6.043%
Group 2 Trust Assets			
$25,528,000[3]	359	1	4.974%
Group 4 Trust Assets			
$17,237,157	357	2	6.030%
Group 5 Trust Assets			
$58,833,512[3]	357	2	4.478%
Group 6 Trust Assets			
$148,734,842	349	10	5.933%
Group 7 Trust Assets			
$17,237,157	354	6	6.040%
Group 9 Trust Assets			
$22,529,567	237	114	5.500%

(1) As of January 1, 2019.

(2) The Mortgage Loans underlying the Group 1, 2, 4, 5, 6 and 7 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 2 and 5 Trust Assets may be higher balance Mortgage Loans. *See "Risk Factors" in this Supplement.*

The actual remaining terms to maturity, loan ages and, in the case of the Group 1, 2, 4, 5, 6 and 7 Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 2, 4, 5, 6, 7 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 8 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. *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:

Class	Interest Rate Formula(1)	Initial Interest Rate(2)	Minimum Rate	Maximum Rate	Delay (in days)	LIBOR for Minimum Interest Rate
F	LIBOR + 0.40%	2.919%	0.40%	6.50%	0	0.00%
FE	LIBOR + 0.35%	2.869%	0.35%	6.50%	0	0.00%
FT	LIBOR + 0.40%	2.919%	0.40%	6.50%	0	0.00%
HF	LIBOR + 0.40%	2.919%	0.40%	6.50%	0	0.00%
HS	6.10% − LIBOR	3.581%	0.00%	6.10%	0	6.10%
NF	LIBOR + 0.40%	2.919%	0.40%	6.50%	0	0.00%
NS	6.10% − LIBOR	3.581%	0.00%	6.10%	0	6.10%
S	6.10% − LIBOR	3.581%	0.00%	6.10%	0	6.10%
SE	6.15% − LIBOR	3.631%	0.00%	6.15%	0	6.15%
ST	6.10% − LIBOR	3.581%	0.00%	6.10%	0	6.10%

(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.

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, concurrently, as follows:

1. 71.4285705531% to HF, until retired

2. 28.5714294469% in the following order of priority:

   a. Sequentially, to HA and HQ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

   b. To H, until retired

   c. Sequentially, to HA and HQ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 2

The Group 2 Principal Distribution Amount and the TZ Accrual Amount will be allocated in the following order of priority:

1. To TC, until reduced to its Scheduled Principal Balance for that Distribution Date
2. To TZ, until retired
3. To TC, without regard to its Scheduled Principal Balance, until retired

SECURITY GROUP 3

The Group 3 Principal Distribution Amount will be allocated, sequentially, to B and BL, in that order, until retired

SECURITY GROUP 4

The Group 4 Principal Distribution Amount will be allocated, concurrently, as follows:

1. 71.4285714286% to NF, until retired
2. 28.5714285714% in the following order of priority:

   a. Sequentially, to NA and NQ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

   b. To N, until retired

   c. Sequentially, to NA and NQ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 5

The Group 5 Principal Distribution Amount, the JZ Accrual Amount and the ZJ Accrual Amount will be allocated as follows:

- The JZ Accrual Amount, sequentially, to JA and JZ, in that order, until retired
- The Group 5 Principal Distribution Amount and the ZJ Accrual Amount in the following order of priority:

   1. Sequentially, to JA and JZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

   2. To ZJ, until retired

   3. Sequentially, to JA and JZ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 6

The Group 6 Principal Distribution Amount, the EZ Accrual Amount and the ZE Accrual Amount will be allocated as follows:

- The EZ Accrual Amount, sequentially, to EA and EZ, in that order, until retired

- The ZE Accrual Amount in the following order of priority:

    1. Sequentially, to EA and EZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

    2. To ZE, until retired

- The Group 6 Principal Distribution Amount, concurrently, as follows:

    1. 33.6168710221% to FE, until retired

    2. 66.3831289779% in the following order of priority:

        a. Sequentially, to EA and EZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

        b. To ZE, until retired

        c. Sequentially, to EA and EZ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 7

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

1. 71.4285714286% to FT, until retired

2. 28.5714285714% in the following order of priority:

    a. Sequentially, to TA and TQ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

    b. To T, until retired

    c. Sequentially, to TA and TQ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 8

The Group 8 Principal Distribution Amount will be allocated in the following order of priority:

1. Sequentially, to MA and MY, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date

2. To M, until retired

3. Sequentially, to MA and MY, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 9

The Group 9 Principal Distribution Amount will be allocated to AB, 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:

	Structuring Ranges
PAC Classes	
EA and EZ (in the aggregate)	225% PSA through 425% PSA
HA and HQ (in the aggregate)	175% PSA through 300% PSA
JA and JZ (in the aggregate)	150% PSA through 300% PSA
NA and NQ (in the aggregate)	175% PSA through 300% PSA
TA and TQ (in the aggregate)	175% PSA through 300% PSA
TC	150% PSA through 350% PSA
Scheduled Classes	
MA and MY (in the aggregate)	150% PSA through 250% PSA*

* No initial Effective Range.

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 Balance or the outstanding principal balance of the related Trust Asset Group indicated:

Class	Original Class Notional Balance	Represents Approximately
AI	$ 7,885,348	35% of AB (PT Class)
EI	21,607,363	27.2727272727% of EA (PAC/AD Class)
HS	23,309,874	100% of HF (PT Class)
IE	17,836,775	11.9923313536% of the Group 6 Trust Assets
JI	16,992,375	37.5% of JA (PAC/AD Class)
NS	12,312,255	100% of NF (PT Class)
S	$23,309,874	100% of HF (PT Class)
	12,312,255	100% of NF (PT Class)
	$35,622,129	
SE	$50,000,000	100% of FE (PT Class)
ST	12,312,255	100% of FT (PT Class)
TI	2,222,222	11.1111111111% of TC (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. 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 the inverse floating rate 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 and scheduled classes, the related support class will not receive any principal distribution on that date. If prepayments result in principal distributions on any distribution date greater than the amount needed to produce scheduled payments on the related PAC and scheduled classes for that distribution date, this excess will be distributed to the related support class.

The rate of payments on the underlying certificates will directly affect the rate of payments on the group 3 and 8 securities. The underlying certificates will be sensitive in varying degrees to:

- the rate of payments of principal (including prepayments) of the related mortgage loans, and
- the priorities for the distribution of principal among the classes of the related underlying series.

As described in the related underlying certificate disclosure documents, certain of the underlying certificates included in trust asset group 8 are not entitled to distributions of principal until certain classes of the related underlying series have been retired and, accordingly, distributions of principal of the related mortgage loans for extended periods may be applied to the distribution of principal of such classes of certificates having priority over these underlying certificates. Accordingly, these underlying certificates may receive no principal distributions for extended periods of time.

In addition, the principal entitlements of certain of the underlying certificates 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 certain of the underlying certificates included in trust asset group 8 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 8 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 underlying certificates have adhered to any applicable principal balance schedules, whether any related supporting classes remain outstanding 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 1, 4, 6, 7 and 9 trust assets and up to 100% of the mortgage loans underlying the group 2, 3, 5 and 8 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 8 securities and, in particular, the support, interest only, 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 Consequences" 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, 6, 7 and 9)

The Group 9 Trust Assets are either:

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

Each Mortgage Loan underlying a Ginnie Mae I MBS Certificate bears interest at a Mortgage Rate 0.50% per annum greater than the related Certificate Rate. The difference between the Mortgage Rate and the Certificate Rate is used to pay the related servicers of the Mortgage Loans a monthly servicing fee and Ginnie Mae a fee for its guaranty of the Ginnie Mae I MBS Certificate of 0.44% per annum and 0.06% per annum, respectively, of the outstanding principal balance of the Mortgage Loan.

The Group 1, 2, 4, 5, 6 and 7 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 8)

The Group 3 and 8 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, 6, 7 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, 6, 7 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, in the case of the Group 1, 2, 4, 5, 6 and 7 Trust Assets, Mortgage Rates of the Mortgage Loans underlying the Trust MBS. However, the actual remaining terms to maturity, loan ages and, in the case of the Group 1, 2, 4, 5, 6 and 7 Trust Assets, 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 notional balance.

Distributions

Distributions on the Securities will be made on each Distribution Date as specified under "Terms Sheet — Distribution Dates" 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 Certificated 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 Classes	The calendar month preceding the related Distribution Date
Floating Rate and Inverse Floating Rate Classes	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.

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.

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 from Ginnie Mae's Multiclass Securities e-Access located on Ginnie Mae's website ("e-Access") or by calling the Information Agent at (800) 234-GNMA.

Accrual Classes

Each of Classes EZ, JZ, TZ, ZE and ZJ 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 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 applicable 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 e-Access.

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 2 and 3, 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 2 and 3, 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 2019-003. 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 8 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 8 securities"* in this Supplement.

Accretion Directed Classes

Classes EA, EZ, JA, JZ and TC are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement. Class TI is a Notional Class whose Class Notional Balance is determined by reference to the Class Principal Balance of Class TC.

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 Amounts, they do not have principal payment stability through any constant prepayment rate significantly higher than 0% PSA, except within their Effective Ranges.

Securities that Receive Principal on the Basis of Schedules

As described in this Supplement, each PAC and Scheduled 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:

	Initial Effective Ranges
PAC Classes	
EA and EZ (in the aggregate)	225% PSA through 425% PSA
HA and HQ (in the aggregate)	175% PSA through 300% PSA
JA and JZ (in the aggregate)	150% PSA through 300% PSA
NA and NQ (in the aggregate)	175% PSA through 300% PSA
TA and TQ (in the aggregate)	175% PSA through 300% PSA
TC	150% PSA through 350% PSA
Scheduled Classes	
MA and MY (in the aggregate)	None

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

If the Class supporting a given Class is 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 or Scheduled 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 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, 6, 7 and 9 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 2, 4, 5, 6, 7 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, 6, 7 or 9 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months and each Mortgage Loan underlying a Group 1, 2, 4, 5, 6 or 7 Trust Asset is assumed to have 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 Group 9 Securities are always received on the 16th day of the month and distributions on the Group 1, 2, 3, 4, 5, 6, 7 and 8 Securities are always received on the 20th day of the month, in each case, whether or not a Business Day, commencing in February 2019.

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

5. The Closing Date for the Securities is January 30, 2019.

6. No expenses or fees are paid by the Trust other than the Trustee Fee, which is paid as described under "The 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 16th or 20th day of the month, as applicable, 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

Distribution Date	Class H					Class HA					Classes HF and HS					Class HQ				
	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	89	82	54	99	92	92	92	92	99	94	92	91	85	100	100	100	100	100
January 2021	100	100	72	54	0	97	79	79	79	75	98	84	79	76	63	100	100	100	100	100
January 2022	100	100	57	29	0	96	66	66	66	49	97	75	66	61	43	100	100	100	100	100
January 2023	100	100	46	14	0	94	54	54	54	31	95	66	55	49	30	100	100	100	100	100
January 2024	100	100	39	5	0	92	43	43	43	19	94	58	46	40	20	100	100	100	100	100
January 2025	100	100	36	1	0	90	34	34	34	10	93	51	39	32	14	100	100	100	100	100
January 2026	100	100	34	0	0	88	26	26	26	4	91	44	32	26	10	100	100	100	100	100
January 2027	100	97	33	0	0	86	19	19	19	0	89	39	27	21	7	100	100	100	100	100
January 2028	100	93	30	0	0	84	13	13	13	0	88	34	22	17	5	100	100	100	100	70
January 2029	100	88	28	0	0	81	9	9	9	0	86	30	18	13	3	100	100	100	100	48
January 2030	100	81	25	0	0	78	5	5	5	0	84	26	15	11	2	100	100	100	100	33
January 2031	100	75	22	0	0	75	3	3	3	0	82	22	13	8	1	100	100	100	100	22
January 2032	100	68	20	0	0	72	0	0	0	0	79	19	10	7	1	100	100	100	100	15
January 2033	100	61	17	0	0	69	0	0	0	0	77	17	8	5	1	100	81	81	81	10
January 2034	100	54	15	0	0	65	0	0	0	0	74	14	7	4	0	100	64	64	64	7
January 2035	100	48	13	0	0	61	0	0	0	0	71	12	6	3	0	100	50	50	50	5
January 2036	100	42	11	0	0	57	0	0	0	0	68	10	4	3	0	100	39	39	39	3
January 2037	100	36	9	0	0	53	0	0	0	0	65	9	4	2	0	100	30	30	30	2
January 2038	100	31	7	0	0	48	0	0	0	0	61	7	3	1	0	100	23	23	23	1
January 2039	100	27	6	0	0	43	0	0	0	0	57	6	2	1	0	100	17	17	17	1
January 2040	100	22	5	0	0	37	0	0	0	0	53	5	2	1	0	100	13	13	13	1
January 2041	100	18	4	0	0	32	0	0	0	0	49	4	1	1	0	100	10	10	10	0
January 2042	100	15	3	0	0	25	0	0	0	0	44	3	1	0	0	100	7	7	7	0
January 2043	100	12	2	0	0	18	0	0	0	0	39	3	1	0	0	100	5	5	5	0
January 2044	100	9	2	0	0	11	0	0	0	0	34	2	1	0	0	100	3	3	3	0
January 2045	100	6	1	0	0	3	0	0	0	0	28	1	0	0	0	100	2	2	2	0
January 2046	100	4	1	0	0	0	0	0	0	0	22	1	0	0	0	43	1	1	1	0
January 2047	79	2	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0
January 2048	41	1	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
January 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)	28.8	16.4	6.8	2.4	1.0	17.1	5.0	5.0	5.0	3.3	19.9	7.9	6.1	5.2	3.4	26.9	17.0	17.0	17.0	10.7

Security Group 2
PSA Prepayment Assumption Rates

Distribution Date	Classes TC and TI					Class TZ				
	0%	150%	300%	350%	600%	0%	150%	300%	350%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	97	94	94	94	94	105	105	94	91	73
January 2021	94	84	84	84	84	109	109	75	63	9
January 2022	91	71	71	71	55	114	114	51	31	0
January 2023	88	58	58	58	35	120	120	36	11	0
January 2024	84	47	47	47	22	125	125	28	2	0
January 2025	80	37	37	37	14	131	130	27	1	0
January 2026	77	28	28	28	8	137	132	26	1	0
January 2027	72	22	22	22	5	143	129	24	1	0
January 2028	68	17	17	17	3	150	124	21	1	0
January 2029	64	13	13	13	2	157	117	19	1	0
January 2030	59	10	10	10	1	164	109	17	1	0
January 2031	54	7	7	7	1	171	100	14	1	0
January 2032	48	6	6	6	0	179	91	12	1	0
January 2033	42	4	4	4	0	188	82	11	1	0
January 2034	36	3	3	3	0	196	73	9	1	0
January 2035	30	2	2	2	0	205	65	8	1	0
January 2036	23	2	2	2	0	215	57	6	1	0
January 2037	16	1	1	1	0	224	50	5	1	0
January 2038	9	1	1	1	0	235	44	4	1	0
January 2039	1	1	1	1	0	246	37	4	1	0
January 2040	0	0	0	0	0	229	32	3	1	0
January 2041	0	0	0	0	0	210	27	3	1	0
January 2042	0	0	0	0	0	189	22	2	1	0
January 2043	0	0	0	0	0	167	18	2	1	0
January 2044	0	0	0	0	0	143	14	1	0	0
January 2045	0	0	0	0	0	118	10	1	0	0
January 2046	0	0	0	0	0	91	7	0	0	0
January 2047	0	0	0	0	0	62	4	0	0	0
January 2048	0	0	0	0	0	32	2	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	11.9	5.6	5.6	5.6	3.8	25.6	16.7	5.5	2.7	1.4

Security Group 3
PSA Prepayment Assumption Rates

	Class B					Class BL				
Distribution Date	**0%**	**100%**	**250%**	**400%**	**500%**	**0%**	**100%**	**250%**	**400%**	**500%**
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2020	98	95	91	91	91	100	100	100	100	100
January 2021	96	86	76	76	72	100	100	100	100	100
January 2022	94	76	58	52	39	100	100	100	100	100
January 2023	91	66	43	30	16	100	100	100	100	100
January 2024	89	56	30	14	1	100	100	100	100	100
January 2025	86	48	18	2	0	100	100	100	100	49
January 2026	83	39	8	0	0	100	100	100	63	11
January 2027	80	32	0	0	0	100	100	97	29	0
January 2028	77	25	0	0	0	100	100	64	3	0
January 2029	74	18	0	0	0	100	100	37	0	0
January 2030	70	11	0	0	0	100	100	15	0	0
January 2031	66	5	0	0	0	100	100	0	0	0
January 2032	62	0	0	0	0	100	98	0	0	0
January 2033	58	0	0	0	0	100	72	0	0	0
January 2034	53	0	0	0	0	100	47	0	0	0
January 2035	48	0	0	0	0	100	24	0	0	0
January 2036	43	0	0	0	0	100	2	0	0	0
January 2037	38	0	0	0	0	100	0	0	0	0
January 2038	32	0	0	0	0	100	0	0	0	0
January 2039	26	0	0	0	0	100	0	0	0	0
January 2040	19	0	0	0	0	100	0	0	0	0
January 2041	12	0	0	0	0	100	0	0	0	0
January 2042	5	0	0	0	0	100	0	0	0	0
January 2043	0	0	0	0	0	86	0	0	0	0
January 2044	0	0	0	0	0	45	0	0	0	0
January 2045	0	0	0	0	0	1	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.5	6.1	3.8	3.2	2.7	24.9	14.9	9.6	7.5	6.1

Security Group 4
PSA Prepayment Assumption Rates

	Class N					Class NA					Classes NF and NS					Class NQ				
Distribution Date	**0%**	**175%**	**250%**	**300%**	**500%**	**0%**	**175%**	**250%**	**300%**	**500%**	**0%**	**175%**	**250%**	**300%**	**500%**	**0%**	**175%**	**250%**	**300%**	**500%**
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	93	89	70	99	94	94	94	94	99	96	95	94	90	100	100	100	100	100
January 2021	100	100	78	64	9	97	83	83	83	83	98	88	84	81	71	100	100	100	100	100
January 2022	100	100	61	37	0	95	69	69	69	55	97	78	70	66	49	100	100	100	100	100
January 2023	100	100	49	18	0	94	56	56	56	34	95	68	59	53	34	100	100	100	100	100
January 2024	100	100	41	7	0	92	45	45	45	20	94	60	49	43	23	100	100	100	100	100
January 2025	100	100	37	2	0	90	35	35	35	10	93	53	41	34	16	100	100	100	100	100
January 2026	100	100	35	0	0	88	26	26	26	3	91	46	34	28	11	100	100	100	100	100
January 2027	100	98	33	0	0	85	18	18	18	0	89	41	28	22	8	100	100	100	100	82
January 2028	100	95	31	0	0	83	12	12	12	0	88	36	24	18	5	100	100	100	100	56
January 2029	100	90	29	0	0	80	7	7	7	0	86	31	20	14	4	100	100	100	100	39
January 2030	100	84	26	0	0	78	3	3	3	0	84	27	16	11	2	100	100	100	100	26
January 2031	100	77	23	0	0	74	0	0	0	0	82	23	13	9	2	100	99	99	99	18
January 2032	100	70	20	0	0	71	0	0	0	0	79	20	11	7	1	100	78	78	78	12
January 2033	100	63	18	0	0	68	0	0	0	0	77	18	9	6	1	100	62	62	62	8
January 2034	100	57	16	0	0	64	0	0	0	0	74	15	7	4	1	100	49	49	49	5
January 2035	100	50	13	0	0	60	0	0	0	0	71	13	6	4	0	100	38	38	38	4
January 2036	100	44	11	0	0	56	0	0	0	0	68	11	5	3	0	100	30	30	30	2
January 2037	100	38	10	0	0	51	0	0	0	0	65	9	4	2	0	100	23	23	23	2
January 2038	100	33	8	0	0	46	0	0	0	0	61	8	3	2	0	100	18	18	18	1
January 2039	100	28	7	0	0	41	0	0	0	0	57	7	2	1	0	100	14	14	14	1
January 2040	100	24	5	0	0	35	0	0	0	0	53	5	2	1	0	100	10	10	10	0
January 2041	100	20	4	0	0	29	0	0	0	0	49	4	1	1	0	100	8	8	8	0
January 2042	100	16	3	0	0	23	0	0	0	0	44	4	1	1	0	100	6	6	6	0
January 2043	100	13	3	0	0	16	0	0	0	0	39	3	1	0	0	100	4	4	4	0
January 2044	100	10	2	0	0	8	0	0	0	0	34	2	1	0	0	100	3	3	3	0
January 2045	100	7	1	0	0	0	0	0	0	0	28	2	0	0	0	100	2	2	2	0
January 2046	100	5	1	0	0	0	0	0	0	0	22	1	0	0	0	31	1	1	1	0
January 2047	79	3	1	0	0	0	0	0	0	0	15	1	0	0	0	1	1	1	1	0
January 2048	41	1	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
January 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)	28.8	16.8	7.1	2.7	1.3	16.7	5.0	5.0	5.0	3.5	19.9	8.2	6.4	5.6	3.7	26.7	15.9	15.9	15.9	10.1

Security Groups 1 and 4
PSA Prepayment Assumption Rates

Distribution Date	Class S				
	0%	175%	250%	300%	500%
Initial Percent	100	100	100	100	100
January 2020	99	95	93	92	87
January 2021	98	86	81	78	65
January 2022	97	76	68	63	45
January 2023	95	67	57	51	31
January 2024	94	59	47	41	21
January 2025	93	51	39	33	15
January 2026	91	45	33	26	10
January 2027	89	40	27	21	7
January 2028	88	35	23	17	5
January 2029	86	30	19	14	3
January 2030	84	26	16	11	2
January 2031	82	23	13	9	1
January 2032	79	20	11	7	1
January 2033	77	17	9	5	1
January 2034	74	15	7	4	0
January 2035	71	12	6	3	0
January 2036	68	11	5	3	0
January 2037	65	9	4	2	0
January 2038	61	8	3	2	0
January 2039	57	6	2	1	0
January 2040	53	5	2	1	0
January 2041	49	4	1	1	0
January 2042	44	3	1	0	0
January 2043	39	3	1	0	0
January 2044	34	2	1	0	0
January 2045	28	1	0	0	0
January 2046	22	1	0	0	0
January 2047	15	1	0	0	0
January 2048	8	0	0	0	0
January 2049	0	0	0	0	0
Weighted Average Life (years)	19.9	8.0	6.2	5.4	3.5

Security Group 5
PSA Prepayment Assumption Rates

Distribution Date	Classes JA, JB, JC, JD, JE, JG, JI and JK					Class JZ					Class ZJ				
	0%	150%	190%	300%	400%	0%	150%	190%	300%	400%	0%	150%	190%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	97	93	93	93	93	104	104	104	104	104	104	104	100	90	80
January 2021	94	82	82	82	82	108	108	108	108	108	108	108	96	63	33
January 2022	91	69	69	69	65	113	113	113	113	113	113	113	90	32	0
January 2023	87	57	57	57	46	117	117	117	117	117	117	117	87	13	0
January 2024	84	45	45	45	32	122	122	122	122	122	122	122	87	3	0
January 2025	80	35	35	35	21	127	127	127	127	127	127	127	88	0	0
January 2026	76	26	26	26	13	132	132	132	132	132	132	130	88	0	0
January 2027	72	18	18	18	7	138	138	138	138	138	138	128	86	0	0
January 2028	67	12	12	12	2	143	143	143	143	143	143	124	82	0	0
January 2029	63	7	7	7	0	149	149	149	149	128	149	118	77	0	0
January 2030	58	3	3	3	0	155	155	155	155	94	155	111	71	0	0
January 2031	53	0	0	0	0	161	157	157	157	69	161	103	64	0	0
January 2032	47	0	0	0	0	168	124	124	124	50	168	94	58	0	0
January 2033	42	0	0	0	0	175	98	98	98	37	175	85	52	0	0
January 2034	36	0	0	0	0	182	76	76	76	27	182	77	46	0	0
January 2035	30	0	0	0	0	189	60	60	60	19	189	69	40	0	0
January 2036	23	0	0	0	0	197	46	46	46	14	197	61	35	0	0
January 2037	16	0	0	0	0	205	36	36	36	10	205	53	30	0	0
January 2038	9	0	0	0	0	214	27	27	27	7	214	46	25	0	0
January 2039	2	0	0	0	0	222	21	21	21	5	222	40	21	0	0
January 2040	0	0	0	0	0	142	16	16	16	3	231	33	18	0	0
January 2041	0	0	0	0	0	33	12	12	12	2	241	28	14	0	0
January 2042	0	0	0	0	0	8	8	8	8	2	223	23	12	0	0
January 2043	0	0	0	0	0	6	6	6	6	1	196	18	9	0	0
January 2044	0	0	0	0	0	4	4	4	4	1	168	14	7	0	0
January 2045	0	0	0	0	0	3	3	3	3	0	138	11	5	0	0
January 2046	0	0	0	0	0	2	2	2	2	0	107	7	3	0	0
January 2047	0	0	0	0	0	1	1	1	1	0	73	4	2	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	38	2	1	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	11.8	5.0	5.0	5.0	4.1	21.4	15.8	15.8	15.8	12.7	26.4	17.1	14.2	2.5	1.6

Security Group 6
PSA Prepayment Assumption Rates

Distribution Date	Classes EA, EB, EC, ED, EG, EI, EJ and EK					Class EZ					Classes FE, IE and SE					Class ZE				
	0%	225%	260%	425%	600%	0%	225%	260%	425%	600%	0%	225%	260%	425%	600%	0%	225%	260%	425%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	98	88	88	88	88	104	104	104	104	104	99	91	90	85	79	104	104	98	70	41
January 2021	95	72	72	72	64	108	108	108	108	108	98	79	76	64	52	108	108	94	32	0
January 2022	93	56	56	56	40	113	113	113	113	113	97	67	63	47	33	113	113	93	9	0
January 2023	90	42	42	42	25	117	117	117	117	117	95	57	52	34	21	117	117	94	0	0
January 2024	87	31	31	31	16	122	122	122	122	122	94	49	44	25	13	122	120	94	0	0
January 2025	84	22	22	22	10	127	127	127	127	127	93	41	36	18	8	127	117	91	0	0
January 2026	81	16	16	16	6	132	132	132	132	132	91	35	30	13	5	132	110	84	0	0
January 2027	78	12	12	12	3	138	138	138	138	138	89	29	25	10	3	138	101	76	0	0
January 2028	74	8	8	8	2	143	143	143	143	143	88	25	20	7	2	143	91	67	0	0
January 2029	70	6	6	6	1	149	149	149	149	149	86	21	17	5	1	149	81	59	0	0
January 2030	66	4	4	4	0	155	155	155	155	155	84	18	14	4	1	155	71	51	0	0
January 2031	62	3	3	3	0	161	161	161	161	161	82	15	11	3	0	161	62	43	0	0
January 2032	57	2	2	2	0	168	168	168	168	101	79	12	9	2	0	168	53	37	0	0
January 2033	53	1	1	1	0	175	175	175	175	62	77	10	7	1	0	175	45	31	0	0
January 2034	47	1	1	1	0	182	182	182	182	38	74	8	6	1	0	182	38	25	0	0
January 2035	42	0	0	0	0	189	189	189	189	23	71	7	5	1	0	189	32	21	0	0
January 2036	36	0	0	0	0	197	168	168	168	14	68	6	4	0	0	197	27	17	0	0
January 2037	30	0	0	0	0	205	118	118	118	8	65	5	3	0	0	205	22	14	0	0
January 2038	24	0	0	0	0	214	82	82	82	5	61	4	2	0	0	214	18	11	0	0
January 2039	17	0	0	0	0	222	56	56	56	3	57	3	2	0	0	222	15	9	0	0
January 2040	9	0	0	0	0	231	38	38	38	2	53	2	1	0	0	231	12	7	0	0
January 2041	2	0	0	0	0	241	26	26	26	1	49	2	1	0	0	241	9	5	0	0
January 2042	0	0	0	0	0	17	17	17	17	1	44	1	1	0	0	226	7	4	0	0
January 2043	0	0	0	0	0	11	11	11	11	0	39	1	1	0	0	200	5	3	0	0
January 2044	0	0	0	0	0	6	6	6	6	0	34	1	0	0	0	173	4	2	0	0
January 2045	0	0	0	0	0	4	4	4	4	0	28	1	0	0	0	143	3	1	0	0
January 2046	0	0	0	0	0	2	2	2	2	0	22	0	0	0	0	111	2	1	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	76	1	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0	40	0	0	0	0
January 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)	13.5	4.1	4.1	4.1	3.1	22.4	19.3	19.3	19.3	14.1	19.9	6.4	5.7	3.7	2.7	26.5	13.2	11.7	1.6	0.9

Security Group 7
PSA Prepayment Assumption Rates

Distribution Date	Classes FT and ST					Class T					Class TA					Class TQ				
	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	94	93	91	86	100	100	90	83	57	99	93	93	93	93	100	100	100	100	100
January 2021	98	85	80	77	64	100	100	73	56	0	97	80	80	80	77	100	100	100	100	100
January 2022	97	75	67	62	44	100	100	57	31	0	96	67	67	67	50	100	100	100	100	100
January 2023	95	66	56	50	31	100	100	47	14	0	94	55	55	55	32	100	100	100	100	100
January 2024	94	58	47	40	21	100	100	40	5	0	92	44	44	44	19	100	100	100	100	100
January 2025	93	51	39	32	14	100	100	36	1	0	90	34	34	34	10	100	100	100	100	100
January 2026	91	45	33	26	10	100	100	35	0	0	88	26	26	26	4	100	100	100	100	100
January 2027	89	39	27	21	7	100	98	33	0	0	86	19	19	19	0	100	100	100	100	100
January 2028	88	34	23	17	5	100	94	31	0	0	84	14	14	14	0	100	100	100	100	70
January 2029	86	30	19	13	3	100	88	28	0	0	81	9	9	9	0	100	100	100	100	48
January 2030	84	26	15	11	2	100	82	25	0	0	78	5	5	5	0	100	100	100	100	32
January 2031	82	23	13	8	1	100	75	22	0	0	75	2	2	2	0	100	100	100	100	22
January 2032	79	20	10	7	1	100	68	20	0	0	72	0	0	0	0	100	100	100	100	15
January 2033	77	17	9	5	1	100	62	17	0	0	69	0	0	0	0	100	80	80	80	10
January 2034	74	14	7	4	0	100	55	15	0	0	65	0	0	0	0	100	63	63	63	7
January 2035	71	12	6	3	0	100	49	13	0	0	61	0	0	0	0	100	49	49	49	5
January 2036	68	11	5	3	0	100	43	11	0	0	57	0	0	0	0	100	38	38	38	3
January 2037	65	9	4	2	0	100	37	9	0	0	53	0	0	0	0	100	30	30	30	2
January 2038	61	7	3	2	0	100	32	8	0	0	48	0	0	0	0	100	23	23	23	1
January 2039	57	6	2	1	0	100	27	6	0	0	43	0	0	0	0	100	17	17	17	1
January 2040	53	5	2	1	0	100	23	5	0	0	37	0	0	0	0	100	13	13	13	1
January 2041	49	4	1	1	0	100	19	4	0	0	31	0	0	0	0	100	10	10	10	0
January 2042	44	3	1	0	0	100	15	3	0	0	25	0	0	0	0	100	7	7	7	0
January 2043	39	3	1	0	0	100	12	2	0	0	18	0	0	0	0	100	5	5	5	0
January 2044	34	2	1	0	0	100	9	2	0	0	11	0	0	0	0	100	3	3	3	0
January 2045	28	1	0	0	0	100	7	1	0	0	3	0	0	0	0	100	2	2	2	0
January 2046	22	1	0	0	0	100	4	1	0	0	0	0	0	0	0	42	1	1	1	0
January 2047	15	1	0	0	0	79	2	0	0	0	0	0	0	0	0	1	1	1	1	0
January 2048	8	0	0	0	0	41	1	0	0	0	0	0	0	0	0	0	0	0	0	0
January 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)	19.9	7.9	6.1	5.3	3.4	28.8	16.5	6.8	2.4	1.1	17.0	5.0	5.0	5.0	3.4	26.9	16.9	16.9	16.9	10.7

Security Groups 1, 4 and 7
PSA Prepayment Assumption Rates

Distribution Date	Class A 0%	Class A 175%	Class A 250%	Class A 300%	Class A 500%	Class F 0%	Class F 175%	Class F 250%	Class F 300%	Class F 500%	Class Q 0%	Class Q 175%	Class Q 250%	Class Q 300%	Class Q 500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	99	93	93	93	93	99	95	93	92	87	100	100	100	100	100
January 2021	97	80	80	80	78	98	85	81	77	65	100	100	100	100	100
January 2022	96	67	67	67	51	97	75	68	63	45	100	100	100	100	100
January 2023	94	55	55	55	32	95	66	57	51	31	100	100	100	100	100
January 2024	92	44	44	44	19	94	58	47	41	21	100	100	100	100	100
January 2025	90	34	34	34	10	93	51	39	33	15	100	100	100	100	100
January 2026	88	26	26	26	4	91	45	33	26	10	100	100	100	100	100
January 2027	86	19	19	19	0	89	39	27	21	7	100	100	100	100	94
January 2028	83	13	13	13	0	88	34	23	17	5	100	100	100	100	66
January 2029	81	9	9	9	0	86	30	19	14	3	100	100	100	100	45
January 2030	78	5	5	5	0	84	26	16	11	2	100	100	100	100	30
January 2031	75	2	2	2	0	82	23	13	9	1	100	100	100	100	21
January 2032	72	0	0	0	0	79	20	11	7	1	100	93	93	93	14
January 2033	69	0	0	0	0	77	17	9	5	1	100	75	75	75	9
January 2034	65	0	0	0	0	74	15	7	4	0	100	59	59	59	6
January 2035	61	0	0	0	0	71	12	6	3	0	100	46	46	46	4
January 2036	57	0	0	0	0	68	11	5	3	0	100	36	36	36	3
January 2037	52	0	0	0	0	65	9	4	2	0	100	28	28	28	2
January 2038	48	0	0	0	0	61	8	3	2	0	100	21	21	21	1
January 2039	42	0	0	0	0	57	6	2	1	0	100	16	16	16	1
January 2040	37	0	0	0	0	53	5	2	1	0	100	12	12	12	1
January 2041	31	0	0	0	0	49	4	1	1	0	100	9	9	9	0
January 2042	25	0	0	0	0	44	3	1	0	0	100	7	7	7	0
January 2043	18	0	0	0	0	39	3	1	0	0	100	5	5	5	0
January 2044	10	0	0	0	0	34	2	1	0	0	100	3	3	3	0
January 2045	3	0	0	0	0	28	1	0	0	0	100	2	2	2	0
January 2046	0	0	0	0	0	22	1	0	0	0	39	1	1	1	0
January 2047	0	0	0	0	0	15	1	0	0	0	1	1	1	1	0
January 2048	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	17.0	5.0	5.0	5.0	3.4	19.9	8.0	6.2	5.3	3.5	26.9	16.6	16.6	16.6	10.5

Security Group 8
PSA Prepayment Assumption Rates

Distribution Date	Class M 0%	Class M 150%	Class M 200%	Class M 250%	Class M 400%	Class MA 0%	Class MA 150%	Class MA 200%	Class MA 250%	Class MA 400%	Class MY 0%	Class MY 150%	Class MY 200%	Class MY 250%	Class MY 400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2020	100	100	93	93	92	97	94	94	94	94	100	100	100	100	100
January 2021	100	100	86	85	49	95	85	85	85	85	100	100	100	100	100
January 2022	100	100	80	79	10	92	77	77	77	77	100	100	100	100	100
January 2023	100	100	76	74	0	89	70	70	70	64	100	100	100	100	100
January 2024	100	100	67	62	0	86	63	63	63	36	100	100	100	100	100
January 2025	100	99	50	43	0	83	49	49	49	18	100	100	100	100	100
January 2026	100	96	50	0	0	79	31	32	31	12	100	100	100	100	100
January 2027	100	79	11	0	0	76	19	19	19	10	100	100	100	100	100
January 2028	100	61	7	0	0	72	14	14	14	9	100	100	100	100	100
January 2029	100	14	2	0	0	69	11	11	11	7	100	100	100	100	100
January 2030	100	5	2	0	0	65	9	9	9	6	100	100	100	100	100
January 2031	100	5	2	0	0	61	8	8	8	5	100	100	100	100	100
January 2032	100	4	2	0	0	58	7	7	7	2	100	100	100	100	100
January 2033	100	4	2	0	0	55	6	6	6	0	100	100	100	100	100
January 2034	100	3	1	0	0	48	6	6	6	0	100	100	100	100	51
January 2035	100	3	1	0	0	37	4	4	4	0	100	100	100	100	3
January 2036	100	2	1	0	0	26	2	2	2	0	100	100	100	100	0
January 2037	100	2	0	0	0	14	0	0	0	0	100	100	100	100	0
January 2038	100	1	0	0	0	8	0	0	0	0	100	45	45	45	0
January 2039	100	1	0	0	0	2	0	0	0	0	100	1	1	1	0
January 2040	90	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2041	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	21.7	9.3	5.9	4.9	2.0	12.6	6.1	6.1	6.1	4.8	20.6	19.0	19.0	19.0	15.1

Security Group 9
PSA Prepayment Assumption Rates

Distribution Date	Classes AB and AI				
	0%	**100%**	**211%**	**350%**	**500%**
Initial Percent	100	100	100	100	100
January 2020	99	91	85	77	68
January 2021	97	83	72	59	46
January 2022	96	75	61	45	31
January 2023	94	68	51	34	21
January 2024	92	62	43	26	14
January 2025	91	55	36	19	9
January 2026	89	49	29	15	6
January 2027	87	44	24	11	4
January 2028	85	39	20	8	3
January 2029	83	34	16	6	2
January 2030	80	29	13	4	1
January 2031	78	25	10	3	1
January 2032	75	21	8	2	0
January 2033	72	17	6	2	0
January 2034	69	14	5	1	0
January 2035	66	10	3	1	0
January 2036	63	7	2	0	0
January 2037	60	5	1	0	0
January 2038	56	2	0	0	0
January 2039	52	0	0	0	0
January 2040	48	0	0	0	0
January 2041	44	0	0	0	0
January 2042	40	0	0	0	0
January 2043	35	0	0	0	0
January 2044	30	0	0	0	0
January 2045	24	0	0	0	0
January 2046	19	0	0	0	0
January 2047	13	0	0	0	0
January 2048	7	0	0	0	0
January 2049	0	0	0	0	0
Weighted Average Life (years)	18.9	7.8	5.3	3.6	2.5

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 8 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, 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

Low levels of LIBOR can reduce the yield of the Floating Rate Classes. High levels of LIBOR can 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 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 Classes

The effective yield on any Fixed Rate 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 46 or 50 days earlier, as applicable.

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, 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 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 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 HS to Prepayments
Assumed Price 12.6875%*

	PSA Prepayment Assumption Rates			
LIBOR	175%	250%	300%	500%
1.0000%	31.7%	27.4%	24.5%	12.3%
2.5190%	18.0%	13.6%	10.6%	(1.8)%
4.3095%	1.8%	(2.7)%	(5.7)%	(18.5)%
6.1000% and above	**	**	**	**

SECURITY GROUP 2

Sensitivity of Class TI to Prepayments
Assumed Price 15.0%*

PSA Prepayment Assumption Rates				
150%	300%	350%	600%	684%
14.9%	14.9%	14.9%	4.1%	0.0%

SECURITY GROUP 4

Sensitivity of Class NS to Prepayments
Assumed Price 14.0%*

	PSA Prepayment Assumption Rates			
LIBOR	175%	250%	300%	500%
1.0000%	28.5%	24.7%	22.1%	11.6%
2.5190%	15.9%	11.9%	9.2%	(1.9)%
4.3095%	0.8%	(3.4)%	(6.3)%	(18.3)%
6.1000% 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 1 AND 4

Sensitivity of Class S to Prepayments
Assumed Price 13.1411%*

LIBOR	PSA Prepayment Assumption Rates 175%	250%	300%	500%
1.0000%	30.5%	26.4%	23.6%	12.1%
2.5190%	17.2%	13.0%	10.1%	(1.8)%
4.3095%	1.5%	(2.9)%	(5.9)%	(18.4)%
6.1000% and above	**	**	**	**

SECURITY GROUP 5

Sensitivity of Class JI to Prepayments
Assumed Price 14.625%*

PSA Prepayment Assumption Rates 150%	190%	300%	400%	466%
9.7%	9.7%	9.7%	4.2%	0.0%

SECURITY GROUP 6

Sensitivity of Class EI to Prepayments
Assumed Price 19.271160186%*

PSA Prepayment Assumption Rates 225%	260%	425%	511%	600%
5.0%	5.0%	5.0%	0.0%	(5.9)%

Sensitivity of Class IE to Prepayments
Assumed Price 15.0%*

PSA Prepayment Assumption Rates 225%	260%	425%	580%	600%
23.3%	21.1%	10.5%	0.0%	(1.4)%

Sensitivity of Class SE to Prepayments
Assumed Price 8.75%*

LIBOR	PSA Prepayment Assumption Rates 225%	260%	425%	600%
1.0000%	50.3%	48.1%	37.4%	25.6%
2.5190%	29.8%	27.6%	17.0%	5.1%
4.3345%	6.2%	4.0%	(6.7)%	(18.6)%
6.1500% 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 7

Sensitivity of Class ST to Prepayments
Assumed Price 13.75%*

	PSA Prepayment Assumption Rates			
LIBOR	175%	250%	300%	500%
1.0000%	28.3%	24.1%	21.2%	9.3%
2.5190%	15.7%	11.3%	8.4%	(3.8)%
4.3095%	0.6%	(3.8)%	(6.8)%	(19.5)%
6.1000% and above	**	**	**	**

SECURITY GROUP 9

Sensitivity of Class AI to Prepayments
Assumed Price 20.1458%*

PSA Prepayment Assumption Rates				
100%	211%	300%	303%	500%
14.3%	6.6%	0.3%	0.1%	(14.8)%

* 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 K&L Gates 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 250% PSA in the case of the Group 1, 3, 4 and 7 Securities, 300% PSA in the case of the Group 2 Securities, 190% PSA in the case of the Group 5 Securities, 260% PSA in the case of the Group 6 Securities, 200% PSA in the case of the Group 8 Securities and 211% 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 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 tax years beginning after December 31, 2017 or, 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 effective January 1, 2018. 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.

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 non-publicly 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 after December 31, 2017, and 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) January 1, 2019 on the Fixed Rate Classes and (2) January 20, 2019 on the Floating Rate and Inverse Floating Rate Classes. 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.

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 K&L Gates LLP, Charlotte, North Carolina, and Marcell Solomon & Associates, P.C., Bowie, Maryland, and for the Trustee by Nixon Peabody LLP.

Schedule I

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 Groups 1 and 4								
Combination 1(7)								
HS	$23,309,874	S	$35,622,129	NTL(PT)	(5)	INV/IO	38381BJZ8	January 2049
NS	12,312,255							
Security Group 5								
Combination 2(6)								
JA	$45,313,000	JB	$45,313,000	PAC/AD	3.75%	FIX	38381BKA1	July 2046
		JC	45,313,000	PAC/AD	3.50	FIX	38381BKB9	July 2046
		JD	45,313,000	PAC/AD	3.25	FIX	38381BKC7	July 2046
		JE	45,313,000	PAC/AD	3.00	FIX	38381BKD5	July 2046
		JG	45,313,000	PAC/AD	2.75	FIX	38381BKE3	July 2046
		JI	16,992,375	NTL(PAC/AD)	4.00	FIX/IO	38381BKF0	July 2046
		JK	45,313,000	PAC/AD	2.50	FIX	38381BKG8	July 2046
Security Group 6								
Combination 3(6)								
EA	$79,227,000	EB	$79,227,000	PAC/AD	3.75%	FIX	38381BKH6	December 2048
		EC	79,227,000	PAC/AD	3.50	FIX	38381BKJ2	December 2048
		ED	79,227,000	PAC/AD	3.25	FIX	38381BKK9	December 2048
		EG	79,227,000	PAC/AD	3.00	FIX	38381BKL7	December 2048
		EI	21,607,363	NTL(PAC/AD)	5.50	FIX/IO	38381BKM5	December 2048
		EJ	79,227,000	PAC/AD	2.75	FIX	38381BKN3	December 2048
		EK	79,227,000	PAC/AD	2.50	FIX	38381BKP8	December 2048
Security Groups 1, 4 and 7								
Combination 4(7)								
HA	$ 6,974,000	A	$14,203,000	PAC	3.00%	FIX	38381BKQ6	April 2048
NA	3,555,000							
TA	3,674,000							

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 5(7)								
HQ	$ 600,000	Q	$ 1,377,000	PAC	3.00%	FIX	38381BKR4	January 2049
NQ	450,000							
TQ	327,000							
Combination 6(7)								
FT	$12,312,255	F	$47,934,384	PT	(5)	FLT	38381BKS2	January 2049
HF	23,309,874							
NF	12,312,255							

(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) The Interest Rate will be calculated as described under "Terms Sheet — Interest Rates" in this Supplement.

(6) In the case of Combinations 2 and 3, various subcombinations are permitted. *See "Description of the Securities — Modification and Exchange" in the Base Offering Circular for a discussion of subcombinations.*

(7) Derived from REMIC classes relating to separate Groups.

Schedule II

SCHEDULED PRINCIPAL BALANCES

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
Initial Balance	$7,574,000.00	$20,000,000.00	$4,005,000.00
February 2019	7,542,321.55	19,935,681.74	3,995,710.83
March 2019	7,507,908.91	19,864,788.24	3,984,960.74
April 2019	7,470,782.85	19,787,337.51	3,972,754.07
May 2019	7,430,966.59	19,703,352.53	3,959,096.42
June 2019	7,388,485.80	19,612,861.32	3,943,994.75
July 2019	7,343,368.58	19,515,896.85	3,927,457.29
August 2019	7,295,645.43	19,412,497.06	3,909,493.58
September 2019	7,245,349.19	19,302,704.82	3,890,114.47
October 2019	7,192,515.06	19,186,567.95	3,869,332.08
November 2019	7,137,180.54	19,064,139.11	3,847,159.81
December 2019	7,079,385.34	18,935,475.80	3,823,612.33
January 2020	7,019,171.43	18,800,640.33	3,798,705.57
February 2020	6,956,582.90	18,659,699.71	3,772,456.66
March 2020	6,891,665.96	18,512,725.64	3,744,883.98
April 2020	6,824,468.87	18,359,794.42	3,716,007.09
May 2020	6,755,041.88	18,200,986.86	3,685,846.73
June 2020	6,683,437.17	18,036,388.26	3,654,424.80
July 2020	6,609,708.80	17,866,088.24	3,621,764.31
August 2020	6,533,912.61	17,690,180.72	3,587,889.37
September 2020	6,456,106.17	17,508,763.78	3,552,825.16
October 2020	6,376,348.71	17,321,939.60	3,516,597.92
November 2020	6,294,701.04	17,129,814.28	3,479,234.87
December 2020	6,211,225.48	16,932,497.82	3,440,764.21
January 2021	6,128,557.84	16,730,103.91	3,401,215.08
February 2021	6,046,690.53	16,522,749.90	3,360,617.53
March 2021	5,965,616.01	16,310,556.57	3,319,002.46
April 2021	5,885,326.82	16,093,648.08	3,276,401.60
May 2021	5,805,815.57	15,872,151.80	3,232,847.46
June 2021	5,727,074.94	15,646,198.17	3,189,714.96
July 2021	5,649,097.67	15,421,863.88	3,147,000.12
August 2021	5,571,876.58	15,199,134.84	3,104,699.03
September 2021	5,495,404.54	14,977,997.07	3,062,807.78
October 2021	5,419,674.50	14,758,436.69	3,021,322.51
November 2021	5,344,679.47	14,540,439.92	2,980,239.41
December 2021	5,270,412.52	14,323,993.10	2,939,554.69
January 2022	5,196,866.80	14,109,082.66	2,899,264.59
February 2022	5,124,035.51	13,895,695.16	2,859,365.40
March 2022	5,051,911.91	13,683,817.24	2,819,853.43
April 2022	4,980,489.35	13,473,435.63	2,780,725.04
May 2022	4,909,761.20	13,264,537.20	2,741,976.62
June 2022	4,839,720.93	13,057,108.89	2,703,604.58
July 2022	4,770,362.04	12,851,137.76	2,665,605.38
August 2022	4,701,678.11	12,646,610.95	2,627,975.50
September 2022	4,633,662.78	12,443,515.70	2,590,711.47

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2022	$4,566,309.74	$12,241,839.37	$2,553,809.82
November 2022	4,499,612.74	12,041,569.39	2,517,267.15
December 2022	4,433,565.60	11,842,693.30	2,481,080.07
January 2023	4,368,162.17	11,645,198.74	2,445,245.22
February 2023	4,303,396.39	11,449,073.42	2,409,759.29
March 2023	4,239,262.24	11,254,305.18	2,374,618.98
April 2023	4,175,753.75	11,060,881.91	2,339,821.04
May 2023	4,112,865.02	10,868,791.64	2,305,362.22
June 2023	4,050,590.20	10,678,022.45	2,271,239.33
July 2023	3,988,923.48	10,488,562.53	2,237,449.20
August 2023	3,927,859.13	10,300,400.15	2,203,988.69
September 2023	3,867,391.46	10,113,523.69	2,170,854.69
October 2023	3,807,514.83	9,927,921.60	2,138,044.11
November 2023	3,748,223.65	9,743,582.42	2,105,553.90
December 2023	3,689,512.39	9,560,494.78	2,073,381.03
January 2024	3,631,375.58	9,378,647.39	2,041,522.51
February 2024	3,573,807.77	9,198,029.05	2,009,975.36
March 2024	3,516,803.60	9,018,628.66	1,978,736.65
April 2024	3,460,357.73	8,840,435.19	1,947,803.45
May 2024	3,404,464.88	8,663,437.67	1,917,172.89
June 2024	3,349,119.82	8,487,625.26	1,886,842.10
July 2024	3,294,317.38	8,312,987.18	1,856,808.24
August 2024	3,240,052.42	8,139,512.71	1,827,068.51
September 2024	3,186,319.84	7,967,191.25	1,797,620.13
October 2024	3,133,114.62	7,797,305.53	1,768,460.34
November 2024	3,080,431.76	7,630,939.32	1,739,586.41
December 2024	3,028,266.32	7,468,020.87	1,710,995.64
January 2025	2,976,613.40	7,308,479.84	1,682,685.34
February 2025	2,925,468.15	7,152,247.34	1,654,652.87
March 2025	2,874,825.75	6,999,255.84	1,626,895.60
April 2025	2,824,681.45	6,849,439.21	1,599,410.91
May 2025	2,775,030.53	6,702,732.62	1,572,196.23
June 2025	2,725,868.31	6,559,072.55	1,545,249.00
July 2025	2,677,190.16	6,418,396.80	1,518,566.69
August 2025	2,628,991.50	6,280,644.37	1,492,146.79
September 2025	2,581,427.22	6,145,755.54	1,465,986.81
October 2025	2,534,693.78	6,013,671.76	1,440,084.29
November 2025	2,488,776.98	5,884,335.69	1,414,436.80
December 2025	2,443,662.85	5,757,691.14	1,389,041.90
January 2026	2,399,337.66	5,633,683.03	1,363,924.65
February 2026	2,355,787.90	5,512,257.44	1,339,246.05
March 2026	2,313,000.30	5,393,361.49	1,314,998.59
April 2026	2,270,961.82	5,276,943.42	1,291,174.91
May 2026	2,229,659.62	5,162,952.47	1,267,767.75
June 2026	2,189,081.10	5,051,338.93	1,244,770.00
July 2026	2,149,213.85	4,942,054.09	1,222,174.63
August 2026	2,110,045.68	4,835,050.24	1,199,974.77
September 2026	2,071,564.62	4,730,280.61	1,178,163.64

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2026	$2,033,758.88	$ 4,627,699.39	$1,156,734.58
November 2026	1,996,616.87	4,527,261.71	1,135,681.05
December 2026	1,960,127.22	4,428,923.57	1,114,996.61
January 2027	1,924,278.72	4,332,641.91	1,094,674.94
February 2027	1,889,060.38	4,238,374.50	1,074,709.81
March 2027	1,854,461.37	4,146,080.00	1,055,095.12
April 2027	1,820,471.07	4,055,717.87	1,035,824.85
May 2027	1,787,079.01	3,967,248.43	1,016,893.09
June 2027	1,754,274.91	3,880,632.78	998,294.04
July 2027	1,722,048.68	3,795,832.82	980,021.98
August 2027	1,690,390.37	3,712,811.21	962,071.29
September 2027	1,659,290.22	3,631,531.38	944,436.46
October 2027	1,628,738.64	3,551,957.50	927,112.07
November 2027	1,598,726.18	3,474,054.46	910,092.77
December 2027	1,569,243.56	3,397,787.87	893,373.32
January 2028	1,540,281.67	3,323,124.03	876,948.58
February 2028	1,511,831.54	3,250,029.93	860,813.46
March 2028	1,483,884.35	3,178,473.23	844,962.99
April 2028	1,456,431.45	3,108,422.25	829,392.26
May 2028	1,429,464.30	3,039,845.94	814,096.48
June 2028	1,402,974.54	2,972,713.91	799,070.89
July 2028	1,376,953.94	2,906,996.34	784,310.85
August 2028	1,351,394.41	2,842,664.07	769,811.79
September 2028	1,326,287.98	2,779,688.50	755,569.20
October 2028	1,301,626.85	2,718,041.61	741,578.67
November 2028	1,277,403.32	2,657,695.97	727,835.85
December 2028	1,253,609.83	2,598,624.69	714,336.46
January 2029	1,230,238.97	2,540,801.44	701,076.32
February 2029	1,207,283.41	2,484,200.42	688,051.29
March 2029	1,184,736.00	2,428,796.35	675,257.31
April 2029	1,162,589.67	2,374,564.47	662,690.39
May 2029	1,140,837.49	2,321,480.54	650,346.62
June 2029	1,119,472.63	2,269,520.78	638,222.13
July 2029	1,098,488.39	2,218,661.92	626,313.15
August 2029	1,077,878.20	2,168,881.17	614,615.93
September 2029	1,057,635.56	2,120,156.17	603,126.82
October 2029	1,037,754.11	2,072,465.05	591,842.23
November 2029	1,018,227.60	2,025,786.38	580,758.61
December 2029	999,049.87	1,980,099.16	569,872.48
January 2030	980,214.87	1,935,382.80	559,180.43
February 2030	961,716.67	1,891,617.18	548,679.09
March 2030	943,549.42	1,848,782.54	538,365.16
April 2030	925,707.37	1,806,859.56	528,235.39
May 2030	908,184.88	1,765,829.29	518,286.60
June 2030	890,976.40	1,725,673.18	508,515.63
July 2030	874,076.47	1,686,373.05	498,919.41
August 2030	857,479.74	1,647,911.11	489,494.91
September 2030	841,180.93	1,610,269.91	480,239.14

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2030	$ 825,174.87	$ 1,573,432.37	$ 471,149.18
November 2030	809,456.45	1,537,381.76	462,222.14
December 2030	794,020.67	1,502,101.68	453,455.20
January 2031	778,862.62	1,467,576.10	444,845.57
February 2031	763,977.46	1,433,789.27	436,390.51
March 2031	749,360.43	1,400,725.80	428,087.35
April 2031	735,006.86	1,368,370.59	419,933.42
May 2031	720,912.16	1,336,708.87	411,926.15
June 2031	707,071.81	1,305,726.17	404,062.97
July 2031	693,481.38	1,275,408.29	396,341.38
August 2031	680,136.51	1,245,741.36	388,758.90
September 2031	667,032.90	1,216,711.76	381,313.12
October 2031	654,166.35	1,188,306.19	374,001.65
November 2031	641,532.72	1,160,511.57	366,822.15
December 2031	629,127.93	1,133,315.13	359,772.31
January 2032	616,947.98	1,106,704.36	352,849.88
February 2032	604,988.93	1,080,666.98	346,052.62
March 2032	593,246.94	1,055,190.98	339,378.35
April 2032	581,718.19	1,030,264.60	332,824.93
May 2032	570,398.95	1,005,876.32	326,390.23
June 2032	559,285.55	982,014.84	320,072.19
July 2032	548,374.38	958,669.13	313,868.76
August 2032	537,661.91	935,828.34	307,777.94
September 2032	527,144.63	913,481.88	301,797.76
October 2032	516,819.14	891,619.35	295,926.27
November 2032	506,682.06	870,230.60	290,161.58
December 2032	496,730.08	849,305.65	284,501.81
January 2033	486,959.95	828,834.76	278,945.12
February 2033	477,368.48	808,808.36	273,489.70
March 2033	467,952.53	789,217.09	268,133.78
April 2033	458,709.01	770,051.79	262,875.61
May 2033	449,634.88	751,303.49	257,713.48
June 2033	440,727.16	732,963.39	252,645.69
July 2033	431,982.92	715,022.88	247,670.59
August 2033	423,399.29	697,473.54	242,786.54
September 2033	414,973.42	680,307.09	237,991.95
October 2033	406,702.55	663,515.46	233,285.25
November 2033	398,583.93	647,090.72	228,664.87
December 2033	390,614.87	631,025.13	224,129.32
January 2034	382,792.74	615,311.07	219,677.08
February 2034	375,114.94	599,941.12	215,306.69
March 2034	367,578.92	584,907.99	211,016.70
April 2034	360,182.18	570,204.55	206,805.71
May 2034	352,922.24	555,823.80	202,672.31
June 2034	345,796.69	541,758.91	198,615.13
July 2034	338,803.15	528,003.17	194,632.82
August 2034	331,939.28	514,550.03	190,724.07
September 2034	325,202.78	501,393.07	186,887.57

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2034	$ 318,591.39	$ 488,525.98	$ 183,122.05
November 2034	312,102.90	475,942.61	179,426.24
December 2034	305,735.12	463,636.93	175,798.92
January 2035	299,485.91	451,603.02	172,238.86
February 2035	293,353.16	439,835.10	168,744.88
March 2035	287,334.80	428,327.51	165,315.81
April 2035	281,428.81	417,074.70	161,950.49
May 2035	275,633.17	406,071.24	158,647.79
June 2035	269,945.92	395,311.81	155,406.60
July 2035	264,365.14	384,791.19	152,225.83
August 2035	258,888.93	374,504.30	149,104.39
September 2035	253,515.42	364,446.13	146,041.25
October 2035	248,242.78	354,611.80	143,035.36
November 2035	243,069.22	344,996.52	140,085.69
December 2035	237,992.95	335,595.60	137,191.26
January 2036	233,012.25	326,404.46	134,351.07
February 2036	228,125.40	317,418.58	131,564.15
March 2036	223,330.72	308,633.59	128,829.57
April 2036	218,626.58	300,045.16	126,146.37
May 2036	214,011.34	291,649.08	123,513.65
June 2036	209,483.41	283,441.22	120,930.50
July 2036	205,041.23	275,417.53	118,396.04
August 2036	200,683.27	267,574.05	115,909.40
September 2036	196,408.00	259,906.92	113,469.71
October 2036	192,213.94	252,412.32	111,076.15
November 2036	188,099.64	245,086.55	108,727.87
December 2036	184,063.66	237,925.96	106,424.08
January 2037	180,104.60	230,927.00	104,163.96
February 2037	176,221.06	224,086.17	101,946.75
March 2037	172,411.69	217,400.06	99,771.66
April 2037	168,675.16	210,865.34	97,637.95
May 2037	165,010.14	204,478.72	95,544.86
June 2037	161,415.35	198,237.00	93,491.67
July 2037	157,889.53	192,137.05	91,477.66
August 2037	154,431.41	186,175.80	89,502.11
September 2037	151,039.80	180,350.23	87,564.35
October 2037	147,713.47	174,657.41	85,663.69
November 2037	144,451.24	169,094.45	83,799.45
December 2037	141,251.97	163,658.53	81,970.99
January 2038	138,114.50	158,346.90	80,177.65
February 2038	135,037.72	153,156.85	78,418.80
March 2038	132,020.52	148,085.74	76,693.81
April 2038	129,061.83	143,130.97	75,002.08
May 2038	126,160.58	138,290.00	73,343.00
June 2038	123,315.72	133,560.36	71,715.98
July 2038	120,526.23	128,939.63	70,120.43
August 2038	117,791.11	124,425.40	68,555.79
September 2038	115,109.36	120,015.37	67,021.50

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2038	$ 112,480.01	$ 115,707.26	$ 65,517.00
November 2038	109,902.10	111,498.82	64,041.75
December 2038	107,374.70	107,387.88	62,595.22
January 2039	104,896.88	103,372.30	61,176.89
February 2039	102,467.73	99,449.99	59,786.25
March 2039	100,086.37	95,618.91	58,422.78
April 2039	97,751.92	91,877.04	57,085.99
May 2039	95,463.53	88,222.43	55,775.40
June 2039	93,220.34	84,653.15	54,490.53
July 2039	91,021.53	81,167.33	53,230.90
August 2039	88,866.28	77,763.13	51,996.06
September 2039	86,753.80	74,438.74	50,785.55
October 2039	84,683.29	71,192.41	49,598.92
November 2039	82,653.99	68,022.41	48,435.74
December 2039	80,665.13	64,927.06	47,295.58
January 2040	78,715.97	61,904.70	46,178.01
February 2040	76,805.79	58,953.71	45,082.63
March 2040	74,933.85	56,072.51	44,009.01
April 2040	73,099.45	53,259.57	42,956.77
May 2040	71,301.90	50,513.35	41,925.50
June 2040	69,540.52	47,832.37	40,914.82
July 2040	67,814.63	45,215.20	39,924.35
August 2040	66,123.58	42,660.40	38,953.72
September 2040	64,466.73	40,166.58	38,002.57
October 2040	62,843.43	37,732.39	37,070.52
November 2040	61,253.07	35,356.50	36,157.23
December 2040	59,695.03	33,037.60	35,262.35
January 2041	58,168.71	30,774.42	34,385.53
February 2041	56,673.52	28,565.70	33,526.46
March 2041	55,208.88	26,410.24	32,684.78
April 2041	53,774.22	24,306.84	31,860.19
May 2041	52,368.98	22,254.32	31,052.36
June 2041	50,992.60	20,251.55	30,260.97
July 2041	49,644.56	18,297.40	29,485.74
August 2041	48,324.32	16,390.79	28,726.35
September 2041	47,031.35	14,530.64	27,982.50
October 2041	45,765.15	12,715.90	27,253.91
November 2041	44,525.21	10,945.54	26,540.30
December 2041	43,311.04	9,218.57	25,841.37
January 2042	42,122.16	7,534.00	25,156.87
February 2042	40,958.08	5,890.88	24,486.50
March 2042	39,818.35	4,288.25	23,830.02
April 2042	38,702.50	2,725.21	23,187.16
May 2042	37,610.08	1,200.85	22,557.67
June 2042	36,540.64	0.00	21,941.28
July 2042	35,493.76	0.00	21,337.76
August 2042	34,469.00	0.00	20,746.87
September 2042	33,465.95	0.00	20,168.36

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2042	$ 32,484.19	$ 0.00	$ 19,602.00
November 2042	31,523.32	0.00	19,047.56
December 2042	30,582.95	0.00	18,504.81
January 2043	29,662.67	0.00	17,973.54
February 2043	28,762.11	0.00	17,453.53
March 2043	27,880.89	0.00	16,944.55
April 2043	27,018.65	0.00	16,446.41
May 2043	26,175.01	0.00	15,958.90
June 2043	25,349.63	0.00	15,481.81
July 2043	24,542.15	0.00	15,014.94
August 2043	23,752.22	0.00	14,558.10
September 2043	22,979.52	0.00	14,111.10
October 2043	22,223.71	0.00	13,673.75
November 2043	21,484.47	0.00	13,245.87
December 2043	20,761.47	0.00	12,827.27
January 2044	20,054.40	0.00	12,417.77
February 2044	19,362.96	0.00	12,017.21
March 2044	18,686.84	0.00	11,625.40
April 2044	18,025.74	0.00	11,242.19
May 2044	17,379.38	0.00	10,867.39
June 2044	16,747.47	0.00	10,500.86
July 2044	16,129.72	0.00	10,142.43
August 2044	15,525.86	0.00	9,791.94
September 2044	14,935.62	0.00	9,449.25
October 2044	14,358.73	0.00	9,114.19
November 2044	13,794.94	0.00	8,786.63
December 2044	13,243.98	0.00	8,466.41
January 2045	12,705.61	0.00	8,153.39
February 2045	12,179.58	0.00	7,847.44
March 2045	11,665.64	0.00	7,548.41
April 2045	11,163.55	0.00	7,256.16
May 2045	10,673.09	0.00	6,970.58
June 2045	10,194.03	0.00	6,691.52
July 2045	9,726.13	0.00	6,418.85
August 2045	9,269.18	0.00	6,152.46
September 2045	8,822.96	0.00	5,892.21
October 2045	8,387.26	0.00	5,637.99
November 2045	7,961.87	0.00	5,389.68
December 2045	7,546.58	0.00	5,147.16
January 2046	7,141.19	0.00	4,910.32
February 2046	6,745.51	0.00	4,679.03
March 2046	6,359.33	0.00	4,453.21
April 2046	5,982.47	0.00	4,232.72
May 2046	5,614.75	0.00	4,017.48
June 2046	5,255.98	0.00	3,807.36
July 2046	4,905.97	0.00	3,602.28
August 2046	4,564.55	0.00	3,402.13
September 2046	4,231.56	0.00	3,206.81

Distribution Date	Classes HA and HQ (in the aggregate)	Class TC	Classes NA and NQ (in the aggregate)
October 2046	$ 3,906.81	$ 0.00	$ 3,016.23
November 2046	3,590.14	0.00	2,830.28
December 2046	3,281.38	0.00	2,648.88
January 2047	2,980.39	0.00	2,471.94
February 2047	2,686.99	0.00	2,299.35
March 2047	2,401.03	0.00	2,131.05
April 2047	2,122.36	0.00	1,966.93
May 2047	1,850.83	0.00	1,806.92
June 2047	1,586.30	0.00	1,650.93
July 2047	1,328.62	0.00	1,498.88
August 2047	1,077.65	0.00	1,350.68
September 2047	833.24	0.00	1,206.27
October 2047	595.28	0.00	1,065.55
November 2047	363.61	0.00	928.47
December 2047	138.12	0.00	794.93
January 2048	0.00	0.00	664.87
February 2048	0.00	0.00	538.22
March 2048	0.00	0.00	414.90
April 2048	0.00	0.00	294.85
May 2048	0.00	0.00	178.00
June 2048	0.00	0.00	64.29
July 2048 and thereafter	0.00	0.00	0.00

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
Initial Balance	$48,512,000.00	$79,516,000.00	$4,001,000.00
February 2019	48,354,373.60	78,929,248.10	3,985,796.25
March 2019	48,181,690.21	78,305,788.94	3,969,143.17
April 2019	47,994,008.74	77,646,090.26	3,951,050.37
May 2019	47,791,399.65	76,950,662.09	3,931,528.74
June 2019	47,573,944.88	76,220,056.12	3,910,590.48
July 2019	47,341,737.80	75,454,864.96	3,888,249.11
August 2019	47,094,883.17	74,655,721.33	3,864,519.37
September 2019	46,833,497.04	73,823,297.16	3,839,417.31
October 2019	46,557,706.70	72,958,302.65	3,812,960.19
November 2019	46,267,650.53	72,061,485.16	3,785,166.54
December 2019	45,963,477.90	71,133,628.12	3,756,056.05
January 2020	45,645,349.04	70,175,549.83	3,725,649.64
February 2020	45,313,434.91	69,188,102.18	3,693,969.36
March 2020	44,967,916.97	68,172,169.28	3,661,038.41
April 2020	44,608,987.11	67,128,666.10	3,626,881.09
May 2020	44,236,847.34	66,058,536.98	3,591,522.81
June 2020	43,851,709.70	64,962,754.07	3,554,989.99
July 2020	43,453,795.95	63,842,315.80	3,517,310.09
August 2020	43,043,337.40	62,698,245.18	3,478,511.55
September 2020	42,620,574.65	61,531,588.15	3,438,623.75
October 2020	42,185,757.30	60,378,606.44	3,397,676.99
November 2020	41,739,143.75	59,239,127.25	3,355,702.43
December 2020	41,281,000.88	58,112,979.86	3,312,732.08
January 2021	40,811,603.74	56,999,995.63	3,268,798.72
February 2021	40,331,235.30	55,900,007.98	3,225,290.49
March 2021	39,840,186.11	54,812,852.32	3,182,203.37
April 2021	39,338,753.97	53,738,366.11	3,139,533.41
May 2021	38,827,243.63	52,676,388.76	3,097,276.69
June 2021	38,319,637.32	51,626,761.61	3,055,429.31
July 2021	37,815,901.75	50,589,327.98	3,013,987.41
August 2021	37,316,003.91	49,563,933.04	2,972,947.19
September 2021	36,819,911.03	48,550,423.88	2,932,304.87
October 2021	36,327,590.62	47,548,649.43	2,892,056.68
November 2021	35,839,010.41	46,558,460.47	2,852,198.93
December 2021	35,354,138.42	45,579,709.57	2,812,727.94
January 2022	34,872,942.90	44,612,251.11	2,773,640.05
February 2022	34,395,392.35	43,655,941.24	2,734,931.67
March 2022	33,921,455.52	42,710,637.86	2,696,599.22
April 2022	33,451,101.42	41,776,200.58	2,658,639.15
May 2022	32,984,299.27	40,852,490.72	2,621,047.96
June 2022	32,521,018.56	39,939,371.31	2,583,822.16
July 2022	32,061,229.01	39,036,707.01	2,546,958.33
August 2022	31,604,900.58	38,144,364.15	2,510,453.03
September 2022	31,152,003.45	37,262,210.67	2,474,302.89
October 2022	30,702,508.06	36,390,116.12	2,438,504.57
November 2022	30,256,385.05	35,527,951.63	2,403,054.74
December 2022	29,813,605.33	34,675,589.91	2,367,950.12
January 2023	29,374,140.00	33,832,905.21	2,333,187.44

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2023	$28,937,960.41	$32,999,773.29	$2,298,763.49
March 2023	28,505,038.12	32,176,071.44	2,264,675.07
April 2023	28,075,344.92	31,361,678.43	2,230,919.01
May 2023	27,648,852.83	30,556,491.63	2,197,492.18
June 2023	27,225,534.06	29,771,693.59	2,164,391.46
July 2023	26,805,361.07	29,006,773.21	2,131,613.77
August 2023	26,388,306.52	28,261,232.13	2,099,156.08
September 2023	25,974,343.29	27,534,584.37	2,067,015.35
October 2023	25,563,444.45	26,826,356.03	2,035,188.59
November 2023	25,155,583.31	26,136,085.04	2,003,672.83
December 2023	24,750,733.38	25,463,320.81	1,972,465.15
January 2024	24,348,868.37	24,807,623.97	1,941,562.62
February 2024	23,949,962.20	24,168,566.10	1,910,962.36
March 2024	23,553,989.00	23,545,729.44	1,880,661.52
April 2024	23,160,923.08	22,938,706.65	1,850,657.26
May 2024	22,770,738.97	22,347,100.51	1,820,946.78
June 2024	22,383,411.41	21,770,523.73	1,791,527.31
July 2024	21,998,915.30	21,208,598.65	1,762,396.09
August 2024	21,617,225.78	20,660,957.03	1,733,550.40
September 2024	21,238,318.14	20,127,239.80	1,704,987.52
October 2024	20,862,167.90	19,607,096.87	1,676,704.80
November 2024	20,488,750.76	19,100,186.85	1,648,699.58
December 2024	20,118,042.59	18,606,176.87	1,620,969.22
January 2025	19,750,019.47	18,124,742.37	1,593,511.14
February 2025	19,387,744.08	17,655,566.89	1,566,322.75
March 2025	19,031,898.68	17,198,341.85	1,539,401.49
April 2025	18,682,371.59	16,752,766.40	1,512,744.85
May 2025	18,339,053.05	16,318,547.16	1,486,350.31
June 2025	18,001,835.17	15,895,398.11	1,460,215.39
July 2025	17,670,611.91	15,483,040.36	1,434,337.63
August 2025	17,345,279.04	15,081,201.96	1,408,714.60
September 2025	17,025,734.13	14,689,617.80	1,383,343.87
October 2025	16,711,876.49	14,308,029.35	1,358,334.89
November 2025	16,403,607.16	13,936,184.56	1,333,762.62
December 2025	16,100,828.87	13,573,837.67	1,309,619.58
January 2026	15,803,446.02	13,220,749.07	1,285,898.44
February 2026	15,511,364.66	12,876,685.14	1,262,591.99
March 2026	15,224,492.43	12,541,418.10	1,239,693.12
April 2026	14,942,738.56	12,214,725.86	1,217,194.87
May 2026	14,666,013.85	11,896,391.89	1,195,090.37
June 2026	14,394,230.62	11,586,205.07	1,173,372.89
July 2026	14,127,302.69	11,283,959.57	1,152,035.79
August 2026	13,865,145.36	10,989,454.72	1,131,072.56
September 2026	13,607,675.40	10,702,494.85	1,110,476.80
October 2026	13,354,810.98	10,422,889.20	1,090,242.20
November 2026	13,106,471.70	10,150,451.80	1,070,362.58
December 2026	12,862,578.53	9,885,001.30	1,050,831.84
January 2027	12,623,053.79	9,626,360.94	1,031,644.01

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2027	$12,387,821.16	$ 9,374,358.36	$1,012,793.21
March 2027	12,156,805.60	9,128,825.51	994,273.64
April 2027	11,929,933.38	8,889,598.58	976,079.63
May 2027	11,707,132.03	8,656,517.84	958,205.58
June 2027	11,488,330.33	8,429,427.58	940,646.00
July 2027	11,273,458.28	8,208,176.00	923,395.49
August 2027	11,062,447.09	7,992,615.10	906,448.74
September 2027	10,855,229.15	7,782,600.57	889,800.52
October 2027	10,651,738.01	7,577,991.77	873,445.71
November 2027	10,451,908.37	7,378,651.54	857,379.26
December 2027	10,255,676.05	7,184,446.20	841,596.20
January 2028	10,062,977.98	6,995,245.40	826,091.68
February 2028	9,873,752.17	6,810,922.08	810,860.88
March 2028	9,687,937.71	6,631,352.37	795,899.10
April 2028	9,505,474.72	6,456,415.51	781,201.71
May 2028	9,326,304.36	6,285,993.76	766,764.14
June 2028	9,150,368.82	6,119,972.36	752,581.94
July 2028	8,977,611.26	5,958,239.43	738,650.69
August 2028	8,807,975.84	5,800,685.90	724,966.07
September 2028	8,641,407.68	5,647,205.43	711,523.82
October 2028	8,477,852.85	5,497,694.38	698,319.77
November 2028	8,317,258.33	5,352,051.70	685,349.81
December 2028	8,159,572.03	5,210,178.89	672,609.89
January 2029	8,004,742.77	5,071,979.92	660,096.04
February 2029	7,852,720.25	4,937,361.20	647,804.37
March 2029	7,703,455.01	4,806,231.47	635,731.03
April 2029	7,556,898.48	4,678,501.78	623,872.25
May 2029	7,413,002.92	4,554,085.43	612,224.32
June 2029	7,271,721.40	4,432,897.89	600,783.60
July 2029	7,133,007.82	4,314,856.77	589,546.49
August 2029	6,996,816.86	4,199,881.75	578,509.49
September 2029	6,863,104.02	4,087,894.54	567,669.13
October 2029	6,731,825.51	3,978,818.83	557,022.00
November 2029	6,602,938.36	3,872,580.22	546,564.75
December 2029	6,476,400.30	3,769,106.19	536,294.11
January 2030	6,352,169.81	3,668,326.08	526,206.82
February 2030	6,230,206.09	3,570,170.97	516,299.73
March 2030	6,110,469.04	3,474,573.71	506,569.70
April 2030	5,992,919.27	3,381,468.83	497,013.65
May 2030	5,877,518.04	3,290,792.53	487,628.59
June 2030	5,764,227.32	3,202,482.60	478,411.52
July 2030	5,653,009.71	3,116,478.43	469,359.55
August 2030	5,543,828.49	3,032,720.93	460,469.79
September 2030	5,436,647.53	2,951,152.49	451,739.44
October 2030	5,331,431.38	2,871,716.97	443,165.73
November 2030	5,228,145.17	2,794,359.66	434,745.92
December 2030	5,126,754.64	2,719,027.22	426,477.35
January 2031	5,027,226.14	2,645,667.66	418,357.38

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2031	$ 4,929,526.60	$ 2,574,230.32	$ 410,383.43
March 2031	4,833,623.51	2,504,665.81	402,552.95
April 2031	4,739,484.93	2,436,926.00	394,863.45
May 2031	4,647,079.50	2,370,963.97	387,312.47
June 2031	4,556,376.37	2,306,734.00	379,897.60
July 2031	4,467,345.24	2,244,191.52	372,616.46
August 2031	4,379,956.36	2,183,293.10	365,466.72
September 2031	4,294,180.46	2,123,996.40	358,446.09
October 2031	4,209,988.80	2,066,260.17	351,552.32
November 2031	4,127,353.14	2,010,044.18	344,783.18
December 2031	4,046,245.73	1,955,309.26	338,136.52
January 2032	3,966,639.30	1,902,017.21	331,610.18
February 2032	3,888,507.06	1,850,130.80	325,202.06
March 2032	3,811,822.69	1,799,613.74	318,910.09
April 2032	3,736,560.32	1,750,430.69	312,732.25
May 2032	3,662,694.53	1,702,547.19	306,666.54
June 2032	3,590,200.37	1,655,929.65	300,710.99
July 2032	3,519,053.28	1,610,545.35	294,863.67
August 2032	3,449,229.17	1,566,362.38	289,122.69
September 2032	3,380,704.34	1,523,349.68	283,486.19
October 2032	3,313,455.53	1,481,476.95	277,952.33
November 2032	3,247,459.88	1,440,714.66	272,519.31
December 2032	3,182,694.91	1,401,034.05	267,185.37
January 2033	3,119,138.55	1,362,407.09	261,948.76
February 2033	3,056,769.13	1,324,806.46	256,807.77
March 2033	2,995,565.32	1,288,205.52	251,760.73
April 2033	2,935,506.20	1,252,578.35	246,805.99
May 2033	2,876,571.19	1,217,899.66	241,941.92
June 2033	2,818,740.10	1,184,144.81	237,166.92
July 2033	2,761,993.06	1,151,289.79	232,479.43
August 2033	2,706,310.58	1,119,311.21	227,877.92
September 2033	2,651,673.48	1,088,186.27	223,360.85
October 2033	2,598,062.94	1,057,892.77	218,926.76
November 2033	2,545,460.46	1,028,409.04	214,574.16
December 2033	2,493,847.87	999,714.01	210,301.64
January 2034	2,443,207.32	971,787.12	206,107.77
February 2034	2,393,521.25	944,608.34	201,991.16
March 2034	2,344,772.45	918,158.16	197,950.46
April 2034	2,296,943.98	892,417.57	193,984.31
May 2034	2,250,019.21	867,368.03	190,091.41
June 2034	2,203,981.80	842,991.49	186,270.46
July 2034	2,158,815.69	819,270.38	182,520.18
August 2034	2,114,505.12	796,187.54	178,839.33
September 2034	2,071,034.59	773,726.28	175,226.67
October 2034	2,028,388.88	751,870.32	171,681.00
November 2034	1,986,553.04	730,603.83	168,201.13
December 2034	1,945,512.39	709,911.34	164,785.89
January 2035	1,905,252.48	689,777.82	161,434.13

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2035	$ 1,865,759.15	$ 670,188.60	$ 158,144.74
March 2035	1,827,018.47	651,129.40	154,916.60
April 2035	1,789,016.76	632,586.29	151,748.62
May 2035	1,751,740.58	614,545.73	148,639.74
June 2035	1,715,176.73	596,994.50	145,588.90
July 2035	1,679,312.24	579,919.72	142,595.07
August 2035	1,644,134.37	563,308.87	139,657.23
September 2035	1,609,630.61	547,149.72	136,774.40
October 2035	1,575,788.66	531,430.38	133,945.58
November 2035	1,542,596.45	516,139.25	131,169.82
December 2035	1,510,042.12	501,265.03	128,446.16
January 2036	1,478,114.02	486,796.74	125,773.69
February 2036	1,446,800.69	472,723.63	123,151.48
March 2036	1,416,090.89	459,035.28	120,578.63
April 2036	1,385,973.59	445,721.51	118,054.27
May 2036	1,356,437.93	432,772.42	115,577.53
June 2036	1,327,473.26	420,178.34	113,147.55
July 2036	1,299,069.10	407,929.87	110,763.51
August 2036	1,271,215.19	396,017.87	108,424.56
September 2036	1,243,901.41	384,433.39	106,129.91
October 2036	1,217,117.86	373,167.76	103,878.76
November 2036	1,190,854.78	362,212.51	101,670.34
December 2036	1,165,102.60	351,559.38	99,503.87
January 2037	1,139,851.94	341,200.35	97,378.60
February 2037	1,115,093.54	331,127.59	95,293.78
March 2037	1,090,818.36	321,333.48	93,248.70
April 2037	1,067,017.47	311,810.60	91,242.64
May 2037	1,043,682.12	302,551.72	89,274.89
June 2037	1,020,803.74	293,549.79	87,344.76
July 2037	998,373.87	284,797.96	85,451.58
August 2037	976,384.23	276,289.55	83,594.68
September 2037	954,826.67	268,018.04	81,773.41
October 2037	933,693.20	259,977.10	79,987.11
November 2037	912,975.97	252,160.56	78,235.16
December 2037	892,667.27	244,562.41	76,516.94
January 2038	872,759.51	237,176.80	74,831.84
February 2038	853,245.25	229,998.01	73,179.25
March 2038	834,117.20	223,020.50	71,558.59
April 2038	815,368.17	216,238.87	69,969.28
May 2038	796,991.12	209,647.84	68,410.75
June 2038	778,979.13	203,242.29	66,882.44
July 2038	761,325.39	197,017.22	65,383.80
August 2038	744,023.23	190,967.76	63,914.30
September 2038	727,066.09	185,089.19	62,473.40
October 2038	710,447.55	179,376.89	61,060.58
November 2038	694,161.26	173,826.36	59,675.33
December 2038	678,201.03	168,433.24	58,317.15
January 2039	662,560.76	163,193.27	56,985.55

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2039	$ 647,234.45	$ 158,102.30	$ 55,680.03
March 2039	632,216.23	153,156.28	54,400.13
April 2039	617,500.31	148,351.30	53,145.37
May 2039	603,081.04	143,683.51	51,915.30
June 2039	588,952.84	139,149.20	50,709.46
July 2039	575,110.24	134,744.73	49,527.41
August 2039	561,547.88	130,466.57	48,368.71
September 2039	548,260.47	126,311.28	47,232.94
October 2039	535,242.84	122,275.50	46,119.67
November 2039	522,489.91	118,355.99	45,028.49
December 2039	509,996.67	114,549.55	43,958.99
January 2040	497,758.24	110,853.11	42,910.78
February 2040	485,769.80	107,263.65	41,883.46
March 2040	474,026.61	103,778.23	40,876.65
April 2040	462,524.03	100,394.01	39,889.97
May 2040	451,257.52	97,108.22	38,923.04
June 2040	440,222.58	93,918.14	37,975.51
July 2040	429,414.84	90,821.14	37,047.02
August 2040	418,829.97	87,814.67	36,137.20
September 2040	408,463.74	84,896.22	35,245.72
October 2040	398,311.99	82,063.38	34,372.24
November 2040	388,370.64	79,313.77	33,516.42
December 2040	378,635.67	76,645.11	32,677.94
January 2041	369,103.15	74,055.14	31,856.47
February 2041	359,769.21	71,541.69	31,051.69
March 2041	350,630.06	69,102.64	30,263.30
April 2041	341,681.98	66,735.92	29,491.00
May 2041	332,921.30	64,439.53	28,734.47
June 2041	324,344.44	62,211.51	27,993.42
July 2041	315,947.86	60,049.95	27,267.58
August 2041	307,728.11	57,953.00	26,556.65
September 2041	299,681.79	55,918.86	25,860.35
October 2041	291,805.57	53,945.77	25,178.41
November 2041	284,096.16	52,032.03	24,510.56
December 2041	276,550.36	50,175.98	23,856.53
January 2042	269,165.00	48,375.99	23,216.08
February 2042	261,936.99	46,630.49	22,588.93
March 2042	254,863.28	44,937.96	21,974.85
April 2042	247,940.90	43,296.89	21,373.58
May 2042	241,166.90	41,705.85	20,784.88
June 2042	234,538.42	40,163.42	20,208.52
July 2042	228,052.62	38,668.22	19,644.26
August 2042	221,706.73	37,218.92	19,091.88
September 2042	215,498.04	35,814.23	18,551.15
October 2042	209,423.87	34,452.87	18,021.84
November 2042	203,481.59	33,133.62	17,503.75
December 2042	197,668.64	31,855.27	16,996.66
January 2043	191,982.49	30,616.67	16,500.35

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2043	$ 186,420.65	$ 29,416.67	$ 16,014.63
March 2043	180,980.70	28,254.19	15,539.30
April 2043	175,660.23	27,128.14	15,074.15
May 2043	170,456.92	26,037.48	14,618.99
June 2043	165,368.45	24,981.20	14,173.63
July 2043	160,392.57	23,958.31	13,737.88
August 2043	155,527.06	22,967.84	13,311.56
September 2043	150,769.74	22,008.88	12,894.49
October 2043	146,118.47	21,080.50	12,486.49
November 2043	141,571.17	20,181.82	12,087.38
December 2043	137,125.77	19,311.98	11,697.00
January 2044	132,780.26	18,470.15	11,315.17
February 2044	128,532.64	17,655.52	10,941.74
March 2044	124,380.99	16,867.29	10,576.54
April 2044	120,323.38	16,104.69	10,219.40
May 2044	116,357.95	15,366.98	9,870.18
June 2044	112,482.86	14,653.42	9,528.72
July 2044	108,696.30	13,963.32	9,194.88
August 2044	104,996.50	13,295.98	8,868.49
September 2044	101,381.74	12,650.74	8,549.42
October 2044	97,850.29	12,026.94	8,237.53
November 2044	94,400.50	11,423.95	7,932.67
December 2044	91,030.71	10,841.16	7,634.71
January 2045	87,739.32	10,277.96	7,343.51
February 2045	84,524.75	9,733.79	7,058.95
March 2045	81,385.45	9,208.07	6,780.88
April 2045	78,319.89	8,700.25	6,509.18
May 2045	75,326.58	8,209.80	6,243.74
June 2045	72,404.07	7,736.20	5,984.41
July 2045	69,550.90	7,278.95	5,731.10
August 2045	66,765.68	6,837.55	5,483.66
September 2045	64,047.01	6,411.53	5,242.00
October 2045	61,393.54	6,000.42	5,005.99
November 2045	58,803.94	5,603.78	4,775.52
December 2045	56,276.90	5,221.16	4,550.49
January 2046	53,811.14	4,852.14	4,330.78
February 2046	51,405.40	4,496.32	4,116.28
March 2046	49,058.45	4,153.27	3,906.91
April 2046	46,769.08	3,822.62	3,702.54
May 2046	44,536.10	3,503.99	3,503.09
June 2046	42,358.35	3,197.00	3,308.45
July 2046	40,234.68	2,901.30	3,118.53
August 2046	38,163.97	2,616.54	2,933.22
September 2046	36,145.12	2,342.38	2,752.45
October 2046	34,177.06	2,078.49	2,576.12
November 2046	32,258.72	1,824.55	2,404.13
December 2046	30,389.08	1,580.26	2,236.41
January 2047	28,567.10	1,345.31	2,072.85

Distribution Date	Classes JA and JZ (in the aggregate)	Classes EA and EZ (in the aggregate)	Classes TA and TQ (in the aggregate)
February 2047	$ 26,791.80	$ 1,119.41	$ 1,913.39
March 2047	25,062.19	902.27	1,757.93
April 2047	23,377.31	693.62	1,606.40
May 2047	21,736.23	493.19	1,458.71
June 2047	20,138.01	300.72	1,314.79
July 2047	18,581.75	115.96	1,174.55
August 2047	17,066.56	0.00	1,037.93
September 2047	15,591.57	0.00	904.84
October 2047	14,155.93	0.00	775.23
November 2047	12,758.80	0.00	649.00
December 2047	11,399.35	0.00	526.10
January 2048	10,076.78	0.00	406.45
February 2048	8,790.30	0.00	289.99
March 2048	7,539.13	0.00	176.65
April 2048	6,322.52	0.00	66.37
May 2048	5,139.71	0.00	0.00
June 2048	3,989.99	0.00	0.00
July 2048	2,872.62	0.00	0.00
August 2048	1,786.91	0.00	0.00
September 2048	732.17	0.00	0.00
October 2048 and thereafter	0.00	0.00	0.00

Distribution Date	Classes MA and MY (in the aggregate)
Initial Balance	$32,443,000.00
February 2019	32,305,115.63
March 2019	32,161,351.90
April 2019	32,011,775.14
May 2019	31,856,456.08
June 2019	31,695,469.83
July 2019	31,528,895.74
August 2019	31,356,817.39
September 2019	31,179,322.46
October 2019	30,996,502.66
November 2019	30,808,578.23
December 2019	30,616,190.38
January 2020	30,419,424.73
February 2020	30,218,370.28
March 2020	30,013,119.27
April 2020	29,803,767.10
May 2020	29,590,412.22
June 2020	29,373,156.02
July 2020	29,152,102.71
August 2020	28,927,359.22
September 2020	28,699,035.05
October 2020	28,468,516.00
November 2020	28,239,415.97
December 2020	28,011,725.39
January 2021	27,785,601.96
February 2021	27,561,032.17
March 2021	27,338,002.60
April 2021	27,116,522.11
May 2021	26,896,576.96
June 2021	26,678,153.52
July 2021	26,461,238.28
August 2021	26,245,817.84
September 2021	26,031,878.88
October 2021	25,819,408.21
November 2021	25,608,392.74
December 2021	25,398,819.47
January 2022	25,190,675.52
February 2022	24,983,948.10
March 2022	24,778,624.53
April 2022	24,574,692.22
May 2022	24,372,138.68
June 2022	24,170,951.54
July 2022	23,971,118.49
August 2022	23,772,627.35
September 2022	23,575,466.02
October 2022	23,379,622.50
November 2022	23,185,084.88
December 2022	22,991,841.36

Distribution Date	Classes MA and MY (in the aggregate)
January 2023	$22,799,880.21
February 2023	22,609,189.80
March 2023	22,419,758.61
April 2023	22,231,575.18
May 2023	22,044,628.17
June 2023	21,858,906.30
July 2023	21,674,398.41
August 2023	21,491,093.40
September 2023	21,308,980.27
October 2023	21,128,048.11
November 2023	20,948,286.10
December 2023	20,769,683.48
January 2024	20,592,229.61
February 2024	20,325,528.75
March 2024	20,020,280.91
April 2024	19,717,148.01
May 2024	19,416,110.99
June 2024	19,117,150.96
July 2024	18,820,249.17
August 2024	18,525,387.01
September 2024	18,232,546.03
October 2024	17,752,192.24
November 2024	17,251,134.26
December 2024	16,757,620.01
January 2025	16,271,523.84
February 2025	15,776,168.46
March 2025	15,284,318.61
April 2025	14,795,942.76
May 2025	14,311,009.59
June 2025	13,829,488.06
July 2025	13,351,347.36
August 2025	12,876,556.92
September 2025	12,405,086.42
October 2025	11,936,905.79
November 2025	11,471,985.17
December 2025	11,091,034.59
January 2026	10,716,223.54
February 2026	10,339,153.10
March 2026	9,968,456.16
April 2026	9,606,730.69
May 2026	9,252,062.16
June 2026	8,903,387.88
July 2026	8,560,607.12
August 2026	8,223,620.74
September 2026	7,892,331.32
October 2026	7,566,642.98
November 2026	7,246,461.48
December 2026	6,931,694.12

Distribution Date	Classes MA and MY (in the aggregate)
January 2027	$ 6,754,115.97
February 2027	6,587,381.78
March 2027	6,423,296.66
April 2027	6,261,818.04
May 2027	6,102,904.03
June 2027	5,946,513.38
July 2027	5,794,526.67
August 2027	5,661,555.35
September 2027	5,530,712.25
October 2027	5,401,963.53
November 2027	5,275,275.86
December 2027	5,150,616.52
January 2028	5,027,953.20
February 2028	4,907,254.17
March 2028	4,788,488.15
April 2028	4,671,624.38
May 2028	4,566,480.79
June 2028	4,502,437.50
July 2028	4,439,461.07
August 2028	4,377,533.52
September 2028	4,316,637.14
October 2028	4,270,933.05
November 2028	4,227,371.53
December 2028	4,184,556.16
January 2029	4,142,473.79
February 2029	4,101,111.56
March 2029	4,060,456.77
April 2029	4,020,496.97
May 2029	3,981,219.91
June 2029	3,942,613.59
July 2029	3,904,666.14
August 2029	3,867,365.97
September 2029	3,830,701.63
October 2029	3,794,661.89
November 2029	3,759,235.74
December 2029	3,724,412.32
January 2030	3,690,180.95
February 2030	3,656,531.17
March 2030	3,623,452.68
April 2030	3,590,935.35
May 2030	3,558,969.24
June 2030	3,527,544.57
July 2030	3,496,651.73
August 2030	3,466,281.28
September 2030	3,436,423.93
October 2030	3,407,070.56
November 2030	3,378,212.22
December 2030	3,349,840.08

Distribution Date	Classes MA and MY (in the aggregate)
January 2031	$ 3,321,945.47
February 2031	3,294,519.91
March 2031	3,267,555.02
April 2031	3,241,042.57
May 2031	3,214,974.50
June 2031	3,189,342.86
July 2031	3,164,139.84
August 2031	3,139,357.79
September 2031	3,114,989.14
October 2031	3,091,026.53
November 2031	3,067,462.65
December 2031	3,044,290.35
January 2032	3,021,502.60
February 2032	2,999,092.50
March 2032	2,977,053.25
April 2032	2,955,378.18
May 2032	2,934,060.73
June 2032	2,913,094.48
July 2032	2,892,473.06
August 2032	2,872,190.27
September 2032	2,852,239.98
October 2032	2,832,617.41
November 2032	2,813,317.37
December 2032	2,794,333.98
January 2033	2,775,661.49
February 2033	2,757,294.21
March 2033	2,739,226.58
April 2033	2,721,453.12
May 2033	2,703,968.47
June 2033	2,686,767.31
July 2033	2,669,844.48
August 2033	2,653,194.86
September 2033	2,636,813.44
October 2033	2,620,695.29
November 2033	2,604,835.59
December 2033	2,589,229.55
January 2034	2,544,948.04
February 2034	2,495,570.04
March 2034	2,447,091.02
April 2034	2,399,494.44
May 2034	2,352,764.09
June 2034	2,307,368.38
July 2034	2,262,943.08
August 2034	2,219,332.83
September 2034	2,176,522.51
October 2034	2,134,497.25
November 2034	2,081,695.33
December 2034	2,017,835.63

Distribution Date	Classes MA and MY (in the aggregate)
January 2035	$ 1,955,170.35
February 2035	1,893,677.31
March 2035	1,833,334.76
April 2035	1,774,121.33
May 2035	1,716,016.03
June 2035	1,658,998.28
July 2035	1,603,047.83
August 2035	1,548,144.79
September 2035	1,494,269.63
October 2035	1,441,403.21
November 2035	1,389,526.70
December 2035	1,338,621.59
January 2036	1,288,669.72
February 2036	1,239,653.26
March 2036	1,191,554.71
April 2036	1,144,356.86
May 2036	1,098,042.83
June 2036	1,052,596.02
July 2036	1,008,000.16
August 2036	964,239.23
September 2036	921,297.55
October 2036	879,159.67
November 2036	837,810.47
December 2036	797,235.06
January 2037	757,418.83
February 2037	718,347.45
March 2037	680,006.82
April 2037	642,383.13
May 2037	605,636.58
June 2037	569,881.84
July 2037	534,795.08
August 2037	500,363.65
September 2037	466,575.07
October 2037	433,417.16
November 2037	400,877.90
December 2037	368,945.50
January 2038	337,608.42
February 2038	306,855.25
March 2038	276,674.87
April 2038	247,056.32
May 2038	217,988.85
June 2038	189,461.89
July 2038	161,465.09
August 2038	133,988.25
September 2038	107,021.40
October 2038	80,554.71
November 2038	54,578.54

Distribution Date	Classes MA and MY (in the aggregate)
December 2038	$ 29,083.46
January 2039	4,060.17
February 2039 and thereafter	0.00

Exhibit A

Underlying Certificates

Trust Asset Group	Issuer	Series	Class	Issue Date	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original Principal Balance of Class	Underlying Certificate Factor(2)	Principal Balance in Trust	Percentage of Class in Trust	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average 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	2018-154	EA(4)	November 30, 2018	38381AXK7	3.5%	FIX	September 2047	PAC	$20,016,261	0.99699364	$19,666,956	98.5511779648%	5.933%	356	4	II
8	Ginnie Mae	2018-008	VA(4)(5)	January 30, 2018	38380UPV9	3.0	FIX	March 2031	SC/SEQ/AD	4,757,000	0.93674551	4,456,098	100.0000000000	3.886	334	24	II
8	Ginnie Mae	2018-055	JL(4)	April 30, 2018	38380WAQ2	3.0	FIX	November 2047	PAC/AD	8,377,000	1.00000000	2,093,639	24.9927062194	3.922	348	10	II
8	Ginnie Mae	2018-115	AB(4)(6)	August 30, 2018	38380XX28	3.0	FIX	April 2048	SC/SEQ/AD	6,559,000	0.95718031	2,449,424	39.0150937643	(6)	(6)	(6)	II
8	Ginnie Mae	2018-115	AL(4)(6)	August 30, 2018	38380XX36	3.0	FIX	April 2048	SC/SEQ/AD	12,310,000	1.00000000	12,310,000	100.0000000000	(6)	(6)	(6)	II
8	Ginnie Mae	2018-120	HK(4)	September 28, 2018	38380YUY9	3.0	FIX	November 2045	PAC/AD	11,367,000	0.97795695	3,948,826	35.5224069675	3.910	348	10	II
8	Ginnie Mae	2018-138	HK(4)	October 30, 2018	38381ACC8	3.0	FIX	August 2045	PAC/AD	11,650,000	0.98187852	11,438,885	100.0000000000	3.959	348	9	II

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

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

(3) Based on information as of January 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) Ginnie Mae 2018-008 Class VA is backed by a previously issued MX certificate, Class KL from Ginnie Mae 2017-036.

(6) Ginnie Mae 2018-115 Classes AB and AL are backed by a previously issued MX certificate, Class BJ from Ginnie Mae 2017-080, and previously issued REMIC certificates, Class LJ from Ginnie Mae 2018-031, Class MA from Ginnie Mae 2018-034 and Classes JB and JY from Ginnie Mae 2018-055. Class MA from Ginnie Mae 2018-034 is in turn backed by a previously issued MX certificate, Class KD from Ginnie Mae 2017-087, and a previously issued REMIC certificate, Class AL from Ginnie Mae 2017-184. Class AL from Ginnie Mae 2017-184 is in turn backed by previously issued MX certificates, Classes EC and EI from Ginnie Mae 2017-065 and Class PE from Ginnie Mae 2017-098. These previously issued certificates are backed by certain mortgage loans whose approximate weighted average characteristics are as follows:

Series	Class or Classes	Approximate Weighted Average Coupon of Mortgage Loans(3)	Approximate Weighted Average Remaining Term to Maturity of Mortgage Loans (in months)(3)	Approximate Weighted Average Loan Age of Mortgage Loans (in months)(3)
2017-065	EC and EI	3.887%	337	21
2017-080	BJ	3.886	338	20
2017-087	KD	3.887	338	20
2017-098	PE	3.888	339	20
2018-031	LJ	3.901	346	13
2018-055	JB and JY	3.922	348	10

$379,097,887

Government National Mortgage Association

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Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2019-003

OFFERING CIRCULAR SUPPLEMENT
January 23, 2019

Wells Fargo Securities
Tribal Capital Markets