

**\$1,690,971,213**  
**Government National Mortgage Association**

**GINNIE MAE®**

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

**Ginnie Mae REMIC Trust 2022-024**

**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 February 28, 2022.

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)
<b>Security Group 1</b>						
BF(1)	\$250,000,000	(5)	PT	FLT	38383FS87	February 2052
SA	250,000,000	(5)	NTL(PT)	INV/IO	38383FS95	February 2052
<b>Security Group 2</b>						
FB	500,000,000	(5)	PT	FLT	38383FT29	February 2052
SC	500,000,000	(5)	NTL(PT)	INV/IO	38383FT37	February 2052
<b>Security Group 3</b>						
AE	50,000,000	2.40%	PT	FIX	38383FT45	February 2052
BA	50,000,000	2.50	PAC I	FIX	38383FT52	February 2052
EA(1)	25,967,000	2.50	PAC I	FIX	38383FT60	February 2052
FD	150,000,000	(5)	PT	FLT	38383FT78	February 2052
SD	150,000,000	(5)	NTL(PT)	INV/IO	38383FT86	February 2052
UA	6,014,209	2.50	SUP	FIX	38383FT94	February 2052
UB(1)	3,123,791	2.50	SUP	FIX	38383FU27	February 2052
UD	3,222,000	2.50	PAC II	FIX	38383FU35	February 2052
UE(1)	1,673,000	2.50	PAC II	FIX	38383FU43	February 2052
<b>Security Group 4</b>						
LA(1)	53,000,000	3.00	SEQ/AD	FIX	38383FU50	June 2050
LZ	2,422,229	3.00	SEQ	FIX/Z	38383FU68	February 2052
<b>Security Group 5</b>						
D(1)	118,874,093	5.50	SC/PT	FIX	38383FU76	November 2034
<b>Security Group 6</b>						
GZ	15,000,000	3.00	SUP	FIX/Z	38383FU84	February 2052
QA(1)	72,683,000	3.00	PAC/AD	FIX	38383FU92	July 2050
QY(1)	9,178,000	3.00	PAC/AD	FIX	38383FV26	February 2052
<b>Security Group 7</b>						
J(1)	100,000,000	3.00	PT	FIX	38383FV34	February 2052
<b>Security Group 8</b>						
HI	15,236,154	3.00	NTL(SC/PT)	FIX/IO	38383FV42	November 2051
<b>Security Group 9</b>						
BC(1)	16,200,607	4.00	PAC/AD	FIX	38383FV59	February 2052
BZ	2,209,627	4.00	SUP	FIX/Z	38383FV67	February 2052
<b>Security Group 10</b>						
B	5,000,000	3.00	SEQ	FIX	38383FV75	November 2050
BL(1)	400,388	3.00	SEQ	FIX	38383FV83	February 2052
CA	5,000,000	3.00	SEQ	FIX	38383FV91	February 2050
CL(1)	681,306	3.00	SEQ	FIX	38383FW25	February 2052
<b>Security Group 11</b>						
DK(1)	321,963	3.00	SC/PT	FIX	38383FW33	January 2052
<b>Security Group 12</b>						
AF(1)	250,000,000	(5)	PT	FLT	38383FW41	February 2052
AS	250,000,000	(5)	NTL(PT)	INV/IO	38383FW58	February 2052
<b>Residual</b>						
R1	0	0.00	NPR	NPR	38383FW66	February 2052
R2	0	0.00	NPR	NPR	38383FW74	February 2052
R12	0	0.00	NPR	NPR	38383FW82	February 2052
R	0	0.00	NPR	NPR	38383FW90	February 2052

- (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.

## 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 5, 8 and 11 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> (“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.

---

## TABLE OF CONTENTS

	<u>Page</u>		<u>Page</u>
Terms Sheet . . . . .	S-3	ERISA Matters . . . . .	S-39
Risk Factors . . . . .	S-9	Legal Investment Considerations . . . . .	S-40
The Trust Assets . . . . .	S-13	Plan of Distribution . . . . .	S-40
Ginnie Mae Guaranty . . . . .	S-15	Increase in Size . . . . .	S-40
Description of the Securities . . . . .	S-15	Legal Matters . . . . .	S-40
Yield, Maturity and Prepayment		Schedule I: Available Combinations . . . . .	S-I-1
Considerations . . . . .	S-20	Schedule II: Scheduled Principal	
Certain United States Federal Income Tax		Balances . . . . .	S-II-1
Consequences . . . . .	S-37	Exhibit A: Underlying Certificates . . . . .	A-1

## TERMS SHEET

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

**Sponsor:** BofA Securities, Inc.

**Co-Sponsor:** Tribal Capital Markets, LLC

**Trustee:** U.S. Bank National Association

**Tax Administrator:** The Trustee

**Closing Date:** February 28, 2022

**Distribution Date:** The 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in March 2022.

**Trust Assets:**

<u>Trust Asset Group</u>	<u>Trust Asset Type</u>	<u>Certificate Rate</u>	<u>Original Term To Maturity (in years)</u>
1	Ginnie Mae II	3.000%	30
2	Ginnie Mae II	3.000%	30
3	Ginnie Mae II	3.000%	30
4	Ginnie Mae II	3.000%	30
5	Underlying Certificates	(1)	(1)
6	Ginnie Mae II	3.000%	30
7	Ginnie Mae II	3.000%	30
8	Underlying Certificates	(1)	(1)
9	Ginnie Mae II	4.000%	30
10	Ginnie Mae II	3.000%	30
11	Underlying Certificate	(1)	(1)
12	Ginnie Mae II	3.000%	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, 10, 11 and 12, 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 through 4, 6, 7, 9, 10 and 12 Trust Assets<sup>(1)</sup>:**

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate<sup>(2)</sup></u>
<b>Group 1 Trust Assets</b>			
\$250,000,000	355	1	3.435%
<b>Group 2 Trust Assets</b>			
\$500,000,000	355	1	3.446%
<b>Group 3 Trust Assets</b>			
\$290,000,000	354	2	3.435%
<b>Group 4 Trust Assets</b>			
\$55,422,229	345	9	3.374%
<b>Group 6 Trust Assets</b>			
\$96,861,000	345	9	3.374%
<b>Group 7 Trust Assets</b>			
\$100,000,000	357	2	3.402%
<b>Group 9 Trust Assets</b>			
\$18,410,234	355	2	4.489%
<b>Group 10 Trust Assets</b>			
\$11,081,694 <sup>(3)</sup>	357	3	3.466%
<b>Group 12 Trust Assets</b>			
\$250,000,000	355	1	3.435%

<sup>(1)</sup> As of February 1, 2022.

<sup>(2)</sup> The Mortgage Loans underlying the Group 1 through 4, 6, 7, 9, 10 and 12 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

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

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1 through 4, 6, 7, 9, 10 and 12 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 Group 5, 8 and 11 Trust Assets:** See Exhibit A to this Supplement for certain information regarding the characteristics of the related Underlying Certificates.

**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 a 30-day compounded average of the Secured Overnight Financing Rate (“SOFR”) (hereinafter referred to as “Compounded SOFR”) as follows:

<u>Class</u>	<u>Interest Rate Formula(1)</u>	<u>Initial Interest Rate(2)</u>	<u>Minimum Rate</u>	<u>Maximum Rate</u>	<u>Delay (in days)</u>	<u>Compounded SOFR for Minimum Interest Rate</u>
<b>Security Group 1</b>						
BF .....	Compounded SOFR + 0.60%	0.64967%	0.60%	3.00%	0	0.00%
SA .....	2.40% – Compounded SOFR	2.35033%	0.00%	2.40%	0	2.40%
<b>Security Group 2</b>						
FB .....	Compounded SOFR + 0.63%	0.67967%	0.63%	3.00%	0	0.00%
SC .....	2.37% – Compounded SOFR	2.32033%	0.00%	2.37%	0	2.37%
<b>Security Group 3</b>						
FD .....	Compounded SOFR + 0.40%	0.45000%	0.40%	3.50%	0	0.00%
SD .....	3.10% – Compounded SOFR	3.05000%	0.00%	3.10%	0	3.10%
<b>Security Group 12</b>						
AF .....	Compounded SOFR + 0.60%	0.64967%	0.60%	3.00%	0	0.00%
AS .....	2.40% – Compounded SOFR	2.35033%	0.00%	2.40%	0	2.40%
<b>Security Groups 1 and 12</b>						
FA .....	Compounded SOFR + 0.60%	0.64967%	0.60%	3.00%	0	0.00%

- (1) Compounded SOFR will be established 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 to BF, until retired

**SECURITY GROUP 2**

The Group 2 Principal Distribution Amount will be allocated to FB, until retired

**SECURITY GROUP 3**

The Group 3 Principal Distribution Amount will be allocated, concurrently, as follows:

- 68.9655172414%, concurrently, to AE and FD, pro rata, until retired

- 20.4262789655% in the following order of priority:
  1. To BA, until reduced to its Scheduled Principal Balance for that Distribution Date
  2. To UD, until reduced to its Scheduled Principal Balance for that Distribution Date
  3. To UA, until retired
  4. To UD, without regard to its Scheduled Principal Balance, until retired
  5. To BA, without regard to its Scheduled Principal Balance, until retired
- 10.6082037931% in the following order of priority:
  1. To EA, until reduced to its Scheduled Principal Balance for that Distribution Date
  2. To UE, until reduced to its Scheduled Principal Balance for that Distribution Date
  3. To UB, until retired
  4. To UE, without regard to its Scheduled Principal Balance, until retired
  5. To EA, without regard to its Scheduled Principal Balance, until retired

#### **SECURITY GROUP 4**

The Group 4 Principal Distribution Amount and the LZ Accrual Amount will be allocated, sequentially, to LA and LZ, in that order, until retired

#### **SECURITY GROUP 5**

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

#### **SECURITY GROUP 6**

The Group 6 Principal Distribution Amount and the GZ Accrual Amount will be allocated in the following order of priority:

1. Sequentially, to QA and QY, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
2. To GZ, until retired
3. Sequentially, to QA and QY, 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 to J, until retired

**SECURITY GROUP 9**

The Group 9 Principal Distribution Amount and the BZ Accrual Amount will be allocated in the following order of priority:

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

**SECURITY GROUP 10**

The Group 10 Principal Distribution Amount will be allocated, concurrently, as follows:

- 48.7325132782%, sequentially, to B and BL, in that order, until retired
- 51.2674867218%, sequentially, to CA and CL, in that order, until retired

**SECURITY GROUP 11**

The Group 11 Principal Distribution Amount will be allocated to DK, until retired

**SECURITY GROUP 12**

The Group 12 Principal Distribution Amount will be allocated to AF, 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:

<u>Security Group</u>	<u>Structuring Ranges</u>
<b>PAC Classes</b>	
6 QA and QY (in the aggregate) .....	255% PSA through 355% PSA
9 BC .....	750% PSA through 1,000% PSA
<b>PAC I Classes</b>	
3 BA .....	135% PSA through 225% PSA
3 EA .....	135% PSA through 225% PSA
<b>PAC II Classes</b>	
3 UD .....	165% PSA through 225% PSA
3 UE .....	165% PSA through 225% PSA

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

**Notional Classes:** The Notional Classes will not receive distributions of principal but have Class Notional Balances for convenience in describing their entitlements to interest. The Class Notional

Balance of each Notional Class represents the percentage indicated below of, and reduces to that extent with, the Class Principal Balances or the outstanding principal or notional balance of the related Trust Asset Group indicated:

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
<b>Security Group 1</b>		
SA .....	\$250,000,000	100% of BF (PT Class)
<b>Security Group 2</b>		
SC .....	\$500,000,000	100% of FB (PT Class)
<b>Security Group 3</b>		
EI .....	\$ 8,655,666	33.3333333333% of EA (PAC I Class)
SD .....	150,000,000	100% of FD (PT Class)
TI .....	10,254,597	3.5360679310% of the Group 3 Trust Assets
<b>Security Group 4</b>		
LI .....	\$ 26,500,000	50% of LA (SEQ/AD Class)
<b>Security Group 5</b>		
DI .....	\$ 86,453,885	72.7272727273% of D (SC/PT Class)
<b>Security Group 6</b>		
GI .....	\$ 40,930,500	50% of QA and QY (in the aggregate) (PAC/AD Classes)
QI .....	36,341,500	50% of QA (PAC/AD Class)
<b>Security Group 7</b>		
JI .....	\$ 50,000,000	50% of J (PT Class)
<b>Security Group 8</b>		
HI .....	\$ 15,236,154	100% of the Group 8 Trust Assets
<b>Security Group 9</b>		
BI .....	\$ 8,100,303	50% of BC (PAC/AD Class)
<b>Security Group 12</b>		
AS .....	\$250,000,000	100% of AF (PT Class)

**Tax Status:** Single REMIC Series as to the Group 1 Trust Assets (the “Group 1 REMIC”), the Group 2 Trust Assets (the “Group 2 REMIC”) and the Group 12 Trust Assets (the “Group 12 REMIC”). Single REMIC Series as to the Group 3 Trust Assets, the Group 4 Trust Assets, the Group 5 Trust Assets, the Group 6 Trust Assets, the Group 7 Trust Assets, the Group 8 Trust Assets, the Group 9 Trust Assets, the Group 10 Trust Assets and the Group 11 Trust Assets (the “Group 3 through 11 REMIC”). Separate REMIC elections will be made as to the Group 1 REMIC, the Group 2 REMIC, the Group 12 REMIC and the Group 3 through 11 REMIC. See “*Certain United States Federal Income Tax Consequences*” in this Supplement and in the Base Offering Circular.

**Regular and Residual Classes:** Each of Class R1, R2, R12 and R is a Residual Class and represents the Residual Interest of the Group 1 REMIC, the Group 2 REMIC, the Group 12 REMIC and the Group 3 through 11 REMIC, respectively. 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, pandemic 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 or 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 levels of Compounded SOFR will affect the yields on the floating rate and inverse floating rate securities.*** If Compounded SOFR performs differently from what you expect, the yield on the floating rate and inverse floating rate securities may be lower than you expect. Lower levels of Compounded SOFR will generally reduce the yield on the floating rate securities; higher levels of Compounded SOFR 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 Compounded

SOFR may affect your yield: generally, the earlier a change, the greater the effect on your yield. It is doubtful that Compounded SOFR will remain constant.

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

***Support securities will be more sensitive to rates of principal payments than other securities.*** If principal prepayments result in principal distributions on any distribution date equal to or less than the amount needed to produce scheduled payments on the PAC classes, the related support class 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 PAC 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 5, 8 and 11 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, the underlying certificate

included in trust asset group 11 is not entitled to distribution of principal until a certain class of the related underlying series has been retired and, accordingly, distributions of principal of the related mortgage loans for extended periods may be applied to distribution of principal of such class of certificates having priority over this underlying certificate. Accordingly this underlying certificate may receive no principal distributions for extended periods of time.

In addition, the principal entitlements of and the reductions in notional balance of certain of the underlying certificates included in trust asset groups 5, 8 and 11 on any payment date are calculated, directly or indirectly, 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.

This supplement contains no information as to whether the underlying certificates or the related classes with which the notional underlying certificates reduce 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 through 4, 6, 7, 9 and 12 trust assets and up to 100% of the mortgage loans underlying the group 5, 8, 10 and 11 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.

***An investment in the floating rate and inverse floating rate securities entails risks not associated with an investment in conventional fixed rate securities or securities linked to established market indices.***

The Federal Reserve Bank of New York began to publish SOFR in April 2018 and compounded averages of SOFR in March 2020. Although the Federal Reserve Bank of New York has also published historical indicative SOFR from August 2014 to March 2018, such pre-publication data necessarily involves assumptions, estimates and approximations. You should not rely on any historical changes or trends in SOFR as an indicator of future changes in SOFR. Daily shifts in SOFR have been, and may in the future be, greater than those in comparable market indices. Because the interest rate applicable to any accrual period for securities with an interest rate based on SOFR will be calculated by reference to the daily rates of SOFR during an approximate 30-day period commencing and ending before the related accrual period as described under “Description of the Securities — Interest Distributions — Floating Rate and Inverse Floating Rate Classes” in this supplement, the return on and value of the floating rate and inverse floating rate securities may fluctuate more than debt securities linked to less volatile indices.

SOFR is a relatively new market index, and the floating rate and inverse floating rate securities will likely have no established trading market when issued, and an established trading market may never develop or, if developed, may not be liquid.

Investment in the floating rate and inverse floating rate securities carries additional pricing volatility, illiquidity and market risk, as discussed in more detail under “Description of the Securities — Interest Rate Indices — Determination of SOFR — General” in the base offering circular.

The interest rates of the floating rate and inverse floating rate securities will be based on Compounded SOFR. Ginnie Mae may, in its sole discretion and without the consent of security holders or any other party, convert the interest rates of the floating rate and inverse floating rate securities from Compounded SOFR to term SOFR. In connection with that conversion, Ginnie Mae may, in its sole discretion and without the consent of security holders or any other party, change the calculation methodology or spread, add or subtract a rate adjustment and make other conforming changes with respect to the floating rate and inverse floating rate securities, as described under “Description of the Securities — Interest Rate Indices — Replacement Rate Conforming Changes” in the base offering circular. There can be no assurance that the interest rates of the floating rate and inverse floating rate securities will ever be based on term SOFR or, if based on term SOFR in the future, that the resulting interest rates will yield the same or similar economic results over the lives of the affected securities relative to the results that would have occurred had the interest rates remained based on Compounded SOFR or that the market value will not decrease due to the move from Compounded SOFR to term SOFR.

All aspects of the conversion will be at the sole discretion of Ginnie Mae, which could lead to volatility in the interests rates of or adversely affect the return on the floating rate and inverse floating rate securities, the trading market for such securities and the value of such securities.

You should consult your own financial and legal advisors about the risks associated with an investment in the floating rate and inverse floating rate securities and the suitability of investing in the floating rate and inverse floating rate securities in light of your particular circumstances.

***Interest on the floating rate and inverse floating rate securities will be determined using a replacement rate if SOFR is no longer available, which could adversely affect the value of your investment in the floating rate and inverse floating rate securities.***

Because SOFR is published by the Federal Reserve Bank of New York based on data received from other sources, neither Ginnie Mae nor the trustee has any control over its determination, calculation or publication. The Federal Reserve Bank of New York has noted that it may alter the methods of calculation, publication schedule, rate revision practices or availability of SOFR at any time without notice. There can be no assurance that SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of investors in the floating rate and inverse floating rate securities.

If SOFR is no longer published or cannot be used, the amount of interest payable on the floating rate and inverse floating rate securities will be determined using a replacement rate, as described under “Description of the Securities — Interest Rate Indices — Determination of SOFR” in the base offering circular. Ginnie Mae will have the sole discretion to make conforming changes in connection with any replacement rate without the consent of security holders or any other party, as described under “Description of the Securities — Interest Rate Indices” in the base offering circular. This could reduce the amount of interest payable on the floating rate and inverse floating rate securities, which could adversely affect the return on, value of, and market for, the floating rate and inverse floating rate securities. Furthermore, there can be no assurance that the characteristics of any replacement rate will be similar to SOFR or that any replacement rate will produce the economic equivalent of SOFR.

***The securities may not be a suitable investment for you.*** The securities, especially the group 5, 8 and 11 securities and, in particular, the support, interest only, inverse floating rate, accrual and residual classes, are not suitable investments for all investors.

In addition, although the sponsor intends to make a market for the purchase and sale of the securities after their initial issuance, it has no obligation to do so. There is no assurance that a secondary market will develop, that any secondary market will continue, or that the price at which you can sell an investment in any class will enable you to realize a desired yield on that investment.

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

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

The residual securities may experience significant adverse tax timing consequences. Accordingly, you are urged to consult tax advisors and to

consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. See *“Certain United States Federal Income Tax 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 through 4, 6, 7, 9, 10 and 12)**

The Trust MBS 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 5, 8 and 11)**

The Group 5, 8 and 11 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 or on [ginniemae.gov](http://ginniemae.gov). 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 Mortgage Loans**

The Mortgage Loans underlying the Group 1 through 4, 6, 7, 9, 10 and 12 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 through 4, 6, 7, 9, 10 and 12 Trust Assets” and the general characteristics described in the *Base Offering Circular*. The Mortgage Loans will consist of first lien, single-family, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, Rural Development (formerly the Rural Housing Service) or the United States Department of Housing and Urban Development (“HUD”). See “*The Ginnie Mae Certificates — General*” in the *Base Offering Circular*.

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

### **The Trustee Fee**

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

## **GINNIE MAE GUARANTY**

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

## **DESCRIPTION OF THE SECURITIES**

### **General**

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

### **Form of Securities**

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

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

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

### **Distributions**

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

<u>Class</u>	<u>Accrual Period</u>
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 initially on Compounded SOFR with a Corresponding Tenor of 30 days. The Trustee or its agent will determine Compounded SOFR as described under “Description of the Securities — Interest Rate Indices — Determination of SOFR” in the Base Offering Circular.

At any time, Ginnie Mae may, in its sole discretion and without the consent of security holders or any other party, designate Term SOFR and related positive or negative adjustments, spreads or methodology changes as a Replacement Rate for the Floating Rate and Inverse Floating Rate Classes and instruct the Trustee in writing to replace Compounded SOFR with such Replacement Rate for all purposes relating to such Classes in respect of such determination on such date and all determinations on subsequent dates. Ginnie Mae will not do so unless Ginnie Mae and the Trustee receive a Replacement Rate Tax Opinion. In connection with the implementation of Term SOFR as a Replacement Rate for SOFR Classes, Ginnie Mae will have the right to make other Conforming Changes from time to time without the consent of security holders or any other party, as described under “Description of the Securities —



Interest Rate Indices” and “ — Interest Rate Indices — Determination of SOFR — Conversion of Simple SOFR and Compounded SOFR Classes to Term SOFR” in the Base Offering Circular.

If SOFR ceases to be available or is no longer representative, a replacement rate will be selected, as described under “Description of the Securities — Interest Rate Indices — Determination of SOFR” in the Base Offering Circular.

The Trustee’s determination of Compounded SOFR and its calculation of the Interest Rates will be final except in the case of clear error. Investors can obtain Compounded SOFR levels and Interest Rates for the current and preceding Accrual Periods on [ginniemae.gov](http://ginniemae.gov) or by calling the Information Agent at (800) 234-GNMA.

#### *Accrual Classes*

Each of Classes BZ, GZ and LZ 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**

Each of the Class R1, R2, R12 and R Securities will represent the beneficial ownership of the Residual Interest in the Group 1 REMIC, the Group 2 REMIC, the Group 12 REMIC and the Group 3 through 11 REMIC, respectively, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. The Class R1, R2, R12 and R Securities have no Class Principal Balance and do not accrue interest. The Class R1, R2, R12 and R Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the related Trust REMIC after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities in the related Security Group or Groups has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

## Class Factors

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

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

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 such Trust REMIC and retire the related Securities. For these purposes, the Trust REMICs and the Securities with corresponding numerical designations are related as follows:

<u>Trust REMICs</u>	<u>Related Securities</u>
Group 1 REMIC	Group 1 Securities
Group 2 REMIC	Group 2 Securities
Group 3 through 11 REMIC	Group 3 through 11 Securities
Group 12 REMIC	Group 12 Securities

Upon any termination of the Trust (or a related Trust REMIC), the Holder of any related 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 related 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 related Trust REMIC after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

With respect to each of Security Groups 1, 2 and 12, a Holder of all of the outstanding Regular Securities of any such Security Group and the related Class of Residual Securities will have the right to purchase the related Trust Assets upon three Business Days' notice (the "Notice Period"). The purchase will be for cash in an amount equal to (A)(i) the aggregate remaining principal balance of the assets of such Security Group, but in no event less than the aggregate outstanding principal amount of the Securities of such Security Group, plus (ii) accrued interest on the Securities of such Security Group, less (B) amounts on deposit in the related Trust REMIC, for distribution on the Securities of such Security Group, plus (C) a \$5,000 termination fee payable to the Trustee in connection with each Security Group to be terminated. After the Notice Period, and upon such purchase, the Trustee will terminate the related Trust REMIC. Upon such termination, the Trustee will distribute the cash proceeds of the sale of the related Trust Assets to the Holder of the related Securities (which distribution may be offset against amounts due on the sale of such assets), will cancel the Securities of the related Security Group and cause the removal from the Book-Entry Depository Account of all Classes of the related Security Group, will cancel the related Class of Residual Securities, and will credit the remaining Trust Assets in the related Security Group to the account of the surrendering Holder. Notwithstanding anything to the contrary contained herein, no such termination will be allowed unless the Trustee and Ginnie Mae are provided, at no cost to either the Trustee or Ginnie Mae, an Opinion of Counsel, acceptable to the Trustee and Ginnie Mae, to the effect that such termination constitutes a "qualified liquidation" under the REMIC Provisions, including Section 860F(a)(4) of the Code, and such termination will not result in a disqualification of any Trust REMIC that is not terminated at such time or the imposition of any "prohibited transactions" or "contributions" tax under the REMIC Provisions on any Trust REMIC that is not terminated at such time.

### **Modification and Exchange**

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 1, 2, 4, 5, 6, 7, 8 and 9, other related MX Classes. This process may occur repeatedly.

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

In the case of Combinations 1, 2, 4, 5, 6, 7, 8 and 9, 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 2022-024. 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  $\frac{1}{32}$  of 1% of the outstanding principal balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000).

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 5, 8 and 11 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 5, 8 and 11 securities” in this Supplement.

## Accretion Directed Classes

Classes BC, LA, QA and QY are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement.

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

## Securities that Receive Principal on the Basis of Schedules

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

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

<u>Security Group</u>	<u>Initial Effective Ranges</u>
<b>PAC Classes</b>	
6 QA and QY (in the aggregate) .....	255% PSA through 355% PSA
9 BC .....	750% PSA through 1,000% PSA
<b>PAC I Classes</b>	
3 BA .....	135% PSA through 225% PSA
3 EA .....	135% PSA through 225% PSA
<b>PAC II Classes</b>	
3 UD .....	165% PSA through 229% PSA
3 UE .....	165% PSA through 229% PSA

- The principal payment stability of the PAC Classes will be supported by the related Support Class.
- The principal payment stability of the PAC I Classes will be supported by the related PAC II and Support Classes.
- The principal payment stability of the PAC II Classes will be supported by the related Support 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 Class not to receive Scheduled Payments, even if prepayment rates remain within the initial Effective Range for that Class. Further, the Effective Range for any PAC Class can narrow, shift over time or cease to exist, depending on the actual characteristics of the related Mortgage Loans.

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

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

### **Assumability**

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

### **Final Distribution Date**

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

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

### **Modeling Assumptions**

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

1. The Mortgage Loans underlying the Group 1 through 4, 6, 7, 9, 10 and 12 Trust Assets have the assumed characteristics shown under “Assumed Characteristics of the Mortgage Loans Underlying the Group 1 through 4, 6, 7, 9, 10 and 12 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, 3, 4, 6, 7, 9, 10 or 12 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months and a Mortgage Rate of 1.50% per annum higher than the related Certificate Rate.

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

3. Distributions on the Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in March 2022.

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

5. The Closing Date for the Securities is February 28, 2022.

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 20th day of the month, and the Trustee may cause a termination of the Trust as described under “Description of the Securities — Termination” in this Supplement.
- In addition, distributions on the Securities are based on Certificate Factors and Calculated Certificate Factors, as applicable, which may not reflect actual receipts on the Trust Assets.

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

## Decrement Tables

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

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

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

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

- (a) multiplying the net reduction, if any, of the Class Principal Balance (or the net reduction of the Class Notional Balance, in the case of a Notional Class) from one Distribution Date to the next

Distribution Date by the number of years from the date of issuance thereof to the related Distribution Date,

- (b) summing the results, and
- (c) dividing the sum by the aggregate amount of the assumed net reductions in principal balance or notional balance, as applicable, referred to in clause (a).

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

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



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

Security Group 1 PSA Prepayment Assumption Rates					
Classes BF and SA					
Distribution Date	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100
February 2023	98	97	94	92	91
February 2024	97	91	83	76	71
February 2025	95	84	70	57	49
February 2026	93	77	58	42	34
February 2027	91	70	48	31	23
February 2028	89	64	40	23	16
February 2029	87	59	33	17	11
February 2030	85	54	27	13	7
February 2031	83	49	22	9	5
February 2032	80	44	18	7	3
February 2033	78	40	15	5	2
February 2034	75	36	12	4	2
February 2035	72	33	10	3	1
February 2036	69	29	8	2	1
February 2037	66	26	7	1	0
February 2038	63	23	5	1	0
February 2039	60	21	4	1	0
February 2040	56	18	3	1	0
February 2041	53	16	3	0	0
February 2042	49	14	2	0	0
February 2043	45	12	2	0	0
February 2044	41	10	1	0	0
February 2045	36	8	1	0	0
February 2046	32	7	1	0	0
February 2047	27	5	0	0	0
February 2048	22	4	0	0	0
February 2049	17	3	0	0	0
February 2050	12	2	0	0	0
February 2051	6	1	0	0	0
February 2052	0	0	0	0	0
Weighted Average Life (years)	18.3	10.5	6.2	4.4	3.7

Security Group 2 PSA Prepayment Assumption Rates					
Classes FB and SC					
Distribution Date	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100
February 2023	98	97	94	92	91
February 2024	97	91	83	76	71
February 2025	95	84	70	57	49
February 2026	93	77	58	42	34
February 2027	91	70	48	31	23
February 2028	89	64	40	23	16
February 2029	87	59	33	17	11
February 2030	85	54	27	13	7
February 2031	83	49	22	9	5
February 2032	80	44	18	7	3
February 2033	78	40	15	5	2
February 2034	75	36	12	4	2
February 2035	72	33	10	3	1
February 2036	69	29	8	2	1
February 2037	66	26	7	1	0
February 2038	63	23	5	1	0
February 2039	60	21	4	1	0
February 2040	56	18	3	1	0
February 2041	53	16	3	0	0
February 2042	49	14	2	0	0
February 2043	45	12	2	0	0
February 2044	41	10	1	0	0
February 2045	36	8	1	0	0
February 2046	32	7	1	0	0
February 2047	27	5	0	0	0
February 2048	22	4	0	0	0
February 2049	17	3	0	0	0
February 2050	12	2	0	0	0
February 2051	6	1	0	0	0
February 2052	0	0	0	0	0
Weighted Average Life (years)	18.3	10.5	6.2	4.4	3.7



**Security Group 4  
PSA Prepayment Assumption Rates**

Distribution Date	Classes LA, LB, LC, LD, LE, LG, LH and LI					Class LZ				
	0%	100%	250%	400%	500%	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100
February 2023	98	94	90	85	82	103	103	103	103	103
February 2024	96	87	75	64	57	106	106	106	106	106
February 2025	94	79	61	46	37	109	109	109	109	109
February 2026	92	72	50	33	24	113	113	113	113	113
February 2027	90	65	40	23	14	116	116	116	116	116
February 2028	88	59	32	15	8	120	120	120	120	120
February 2029	85	53	25	10	3	123	123	123	123	123
February 2030	83	48	20	5	0	127	127	127	127	127
February 2031	80	43	15	2	0	131	131	131	131	91
February 2032	78	38	11	0	0	135	135	135	132	61
February 2033	75	33	8	0	0	139	139	139	96	41
February 2034	72	29	5	0	0	143	143	143	70	28
February 2035	69	25	3	0	0	148	148	148	51	18
February 2036	65	22	1	0	0	152	152	152	37	12
February 2037	62	18	0	0	0	157	157	132	26	8
February 2038	59	15	0	0	0	162	162	106	19	5
February 2039	55	12	0	0	0	166	166	84	13	4
February 2040	51	10	0	0	0	171	171	66	10	2
February 2041	47	7	0	0	0	177	177	52	7	1
February 2042	43	5	0	0	0	182	182	40	5	1
February 2043	38	2	0	0	0	188	188	31	3	1
February 2044	34	0	0	0	0	193	193	23	2	0
February 2045	29	0	0	0	0	199	162	17	1	0
February 2046	24	0	0	0	0	205	128	12	1	0
February 2047	19	0	0	0	0	212	97	8	1	0
February 2048	13	0	0	0	0	218	68	5	0	0
February 2049	8	0	0	0	0	225	41	3	0	0
February 2050	2	0	0	0	0	231	17	1	0	0
February 2051	0	0	0	0	0	136	0	0	0	0
February 2052	0	0	0	0	0	0	0	0	0	0
Weighted Average										
Life (years)	17.0	8.7	4.9	3.3	2.8	29.2	25.2	18.3	13.0	10.7

**Security Group 5  
PSA Prepayment Assumption Rates**

Distribution Date	Classes D, DA, DB, DC, DE, DG, DH, DI and DJ				
	0%	100%	225%	350%	500%
Initial Percent	100	100	100	100	100
February 2023	93	87	80	73	65
February 2024	85	75	64	53	42
February 2025	77	64	50	38	27
February 2026	69	54	39	27	17
February 2027	60	44	29	18	10
February 2028	51	35	21	12	6
February 2029	40	26	15	8	3
February 2030	30	18	9	5	2
February 2031	18	11	5	2	1
February 2032	7	4	2	1	0
February 2033	0	0	0	0	0
February 2034	0	0	0	0	0
February 2035	0	0	0	0	0
Weighted Average					
Life (years)	5.8	4.7	3.6	2.9	2.2

**Security Group 6  
PSA Prepayment Assumption Rates**

Distribution Date	Classes GA, GB, GC, GD, GE, GH, GI and GJ					Class GZ					Classes QA, QB, QC, QD, QE, QH, QI and QJ					Class QY				
	0%	255%	300%	355%	600%	0%	255%	300%	355%	600%	0%	255%	300%	355%	600%	0%	255%	300%	355%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2023	98	88	88	88	88	103	103	94	83	35	97	86	86	86	86	100	100	100	100	100
February 2024	95	70	70	70	62	106	106	85	60	0	94	67	67	67	57	100	100	100	100	100
February 2025	92	54	54	54	39	109	109	80	45	0	91	49	49	49	31	100	100	100	100	100
February 2026	89	41	41	41	24	113	113	78	40	0	88	33	33	33	15	100	100	100	100	100
February 2027	87	29	29	29	15	116	116	79	40	0	85	21	21	21	4	100	100	100	100	100
February 2028	84	21	21	21	9	120	115	79	41	0	81	11	11	11	0	100	100	100	100	84
February 2029	80	14	14	14	6	123	112	77	42	0	78	3	3	3	0	100	100	100	100	52
February 2030	77	8	8	8	4	127	108	75	44	0	74	0	0	0	0	100	75	75	75	32
February 2031	74	4	4	4	2	131	103	73	45	0	70	0	0	0	0	100	37	37	37	20
February 2032	70	1	1	1	1	135	97	71	46	0	66	0	0	0	0	100	8	8	8	12
February 2033	66	0	0	0	1	139	83	60	39	0	62	0	0	0	0	100	0	0	0	8
February 2034	62	0	0	0	1	143	68	47	29	0	58	0	0	0	0	100	0	0	0	5
February 2035	58	0	0	0	0	148	55	37	22	0	53	0	0	0	0	100	0	0	0	3
February 2036	54	0	0	0	0	152	44	29	17	0	48	0	0	0	0	100	0	0	0	2
February 2037	50	0	0	0	0	157	35	22	12	0	43	0	0	0	0	100	0	0	0	1
February 2038	45	0	0	0	0	162	28	17	9	0	38	0	0	0	0	100	0	0	0	1
February 2039	40	0	0	0	0	166	22	13	7	0	33	0	0	0	0	100	0	0	0	0
February 2040	35	0	0	0	0	171	18	10	5	0	27	0	0	0	0	100	0	0	0	0
February 2041	30	0	0	0	0	177	14	8	4	0	21	0	0	0	0	100	0	0	0	0
February 2042	24	0	0	0	0	182	11	6	3	0	15	0	0	0	0	100	0	0	0	0
February 2043	19	0	0	0	0	188	8	4	2	0	9	0	0	0	0	100	0	0	0	0
February 2044	13	0	0	0	0	193	6	3	1	0	2	0	0	0	0	100	0	0	0	0
February 2045	7	0	0	0	0	199	4	2	1	0	0	0	0	0	0	59	0	0	0	0
February 2046	0	0	0	0	0	205	3	1	1	0	0	0	0	0	0	1	0	0	0	0
February 2047	0	0	0	0	0	176	2	1	0	0	0	0	0	0	0	0	0	0	0	0
February 2048	0	0	0	0	0	143	1	1	0	0	0	0	0	0	0	0	0	0	0	0
February 2049	0	0	0	0	0	110	1	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2050	0	0	0	0	0	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2051	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	0	0	0	0	0
February 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.0	3.8	3.8	3.8	3.0	27.2	13.6	11.0	6.9	0.8	12.9	3.2	3.2	3.2	2.5	23.2	8.7	8.7	8.7	7.7

**Security Group 7  
PSA Prepayment Assumption Rates**

Distribution Date	Classes J, JL, JL, JM, JN, JQ, JT and JU				
	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100
February 2023	98	96	94	91	90
February 2024	97	90	82	75	70
February 2025	95	83	69	56	48
February 2026	93	76	57	41	33
February 2027	91	70	47	31	22
February 2028	89	64	39	23	15
February 2029	87	59	32	17	10
February 2030	85	53	27	12	7
February 2031	83	49	22	9	5
February 2032	80	44	18	7	3
February 2033	78	40	15	5	2
February 2034	75	36	12	4	1
February 2035	72	33	10	3	1
February 2036	69	29	8	2	1
February 2037	66	26	6	1	0
February 2038	63	23	5	1	0
February 2039	60	21	4	1	0
February 2040	56	18	3	1	0
February 2041	53	16	3	0	0
February 2042	49	14	2	0	0
February 2043	45	12	2	0	0
February 2044	41	10	1	0	0
February 2045	36	8	1	0	0
February 2046	32	7	1	0	0
February 2047	27	5	0	0	0
February 2048	22	4	0	0	0
February 2049	17	3	0	0	0
February 2050	12	2	0	0	0
February 2051	6	1	0	0	0
February 2052	0	0	0	0	0
Weighted Average Life (years)	18.3	10.4	6.1	4.3	3.6

**Security Group 8  
PSA Prepayment Assumption Rates**

Distribution Date	Class HI				
	0%	100%	249%	350%	500%
Initial Percent	100	100	100	100	100
February 2023	98	95	92	91	89
February 2024	96	88	80	76	71
February 2025	93	80	67	61	48
February 2026	91	73	55	47	33
February 2027	88	66	45	36	22
February 2028	86	59	37	28	15
February 2029	83	53	30	21	10
February 2030	80	47	24	16	7
February 2031	77	42	19	12	4
February 2032	74	37	16	9	3
February 2033	71	33	12	7	2
February 2034	68	28	10	5	1
February 2035	65	24	8	4	1
February 2036	61	21	6	2	0
February 2037	57	18	5	2	0
February 2038	54	15	4	1	0
February 2039	50	13	3	1	0
February 2040	46	11	2	1	0
February 2041	42	10	2	1	0
February 2042	38	9	1	0	0
February 2043	33	7	1	0	0
February 2044	29	6	1	0	0
February 2045	24	5	1	0	0
February 2046	19	4	0	0	0
February 2047	15	3	0	0	0
February 2048	11	2	0	0	0
February 2049	8	2	0	0	0
February 2050	5	1	0	0	0
February 2051	2	0	0	0	0
February 2052	0	0	0	0	0
Weighted Average Life (years)	16.1	9.0	5.7	4.7	3.6

**Security Group 9  
PSA Prepayment Assumption Rates**

Distribution Date	Classes BC, BD, BE, BG, BH, BI, BJ, BM, BN and BP					Class BZ						
	0%	100%	750%	850%	1,000%	1,700%	0%	100%	750%	850%	1,000%	1,700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
February 2023	98	96	83	83	83	78	104	104	104	90	68	0
February 2024	96	89	51	51	51	21	108	108	108	70	14	0
February 2025	93	80	21	21	21	0	113	113	108	61	0	0
February 2026	91	72	8	8	8	0	117	117	81	43	0	0
February 2027	88	64	3	3	3	0	122	122	53	26	0	0
February 2028	86	57	1	1	1	0	127	127	32	15	0	0
February 2029	83	50	1	1	1	0	132	132	18	8	0	0
February 2030	80	44	0	0	0	0	138	138	10	4	0	0
February 2031	77	38	0	0	0	0	143	143	6	2	0	0
February 2032	73	32	0	0	0	0	149	149	3	1	0	0
February 2033	70	26	0	0	0	0	155	155	2	1	0	0
February 2034	66	21	0	0	0	0	161	161	1	0	0	0
February 2035	62	16	0	0	0	0	168	168	0	0	0	0
February 2036	58	11	0	0	0	0	175	175	0	0	0	0
February 2037	54	7	0	0	0	0	182	182	0	0	0	0
February 2038	50	2	0	0	0	0	189	189	0	0	0	0
February 2039	45	0	0	0	0	0	197	182	0	0	0	0
February 2040	40	0	0	0	0	0	205	161	0	0	0	0
February 2041	35	0	0	0	0	0	214	141	0	0	0	0
February 2042	29	0	0	0	0	0	222	123	0	0	0	0
February 2043	23	0	0	0	0	0	231	105	0	0	0	0
February 2044	17	0	0	0	0	0	241	89	0	0	0	0
February 2045	11	0	0	0	0	0	251	75	0	0	0	0
February 2046	4	0	0	0	0	0	261	61	0	0	0	0
February 2047	0	0	0	0	0	0	248	48	0	0	0	0
February 2048	0	0	0	0	0	0	203	36	0	0	0	0
February 2049	0	0	0	0	0	0	157	25	0	0	0	0
February 2050	0	0	0	0	0	0	107	15	0	0	0	0
February 2051	0	0	0	0	0	0	55	5	0	0	0	0
February 2052	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.8	7.5	2.2	2.2	2.2	1.5	27.4	22.0	5.4	3.7	1.3	0.5

**Security Group 10  
PSA Prepayment Assumption Rates**

Distribution Date	Class B					Class BL					Class CA					Class CL					
	0%	100%	235%	350%	500%	0%	100%	235%	350%	500%	0%	100%	235%	350%	500%	0%	100%	235%	350%	500%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
February 2023	98	96	93	91	88	100	100	100	100	100	98	96	93	90	87	100	100	100	100	100	100
February 2024	96	89	81	74	66	100	100	100	100	100	96	89	80	73	64	100	100	100	100	100	100
February 2025	95	82	67	56	43	100	100	100	100	100	94	81	65	53	40	100	100	100	100	100	100
February 2026	93	74	55	41	27	100	100	100	100	100	92	73	53	38	23	100	100	100	100	100	100
February 2027	90	67	45	30	16	100	100	100	100	100	90	66	42	26	11	100	100	100	100	100	100
February 2028	88	61	36	21	8	100	100	100	100	100	88	59	33	17	3	100	100	100	100	100	100
February 2029	86	55	29	14	3	100	100	100	100	100	85	53	25	10	0	100	100	100	100	100	85
February 2030	84	50	23	9	0	100	100	100	100	93	83	47	19	4	0	100	100	100	100	100	57
February 2031	81	44	18	5	0	100	100	100	100	63	80	42	13	0	0	100	100	100	100	100	39
February 2032	78	40	13	2	0	100	100	100	100	43	77	36	9	0	0	100	100	100	77	26	
February 2033	76	35	10	0	0	100	100	100	95	29	75	32	5	0	0	100	100	100	59	18	
February 2034	73	31	6	0	0	100	100	100	72	19	71	27	2	0	0	100	100	100	45	12	
February 2035	70	27	4	0	0	100	100	100	55	13	68	23	0	0	0	100	100	92	34	8	
February 2036	67	24	2	0	0	100	100	100	41	9	65	20	0	0	0	100	100	76	26	5	
February 2037	64	20	0	0	0	100	100	100	31	6	62	16	0	0	0	100	100	62	19	4	
February 2038	60	17	0	0	0	100	100	81	23	4	58	13	0	0	0	100	100	50	14	2	
February 2039	57	14	0	0	0	100	100	66	17	3	54	10	0	0	0	100	100	41	11	2	
February 2040	53	12	0	0	0	100	100	53	13	2	50	7	0	0	0	100	100	33	8	1	
February 2041	49	9	0	0	0	100	100	42	9	1	46	4	0	0	0	100	100	26	6	1	
February 2042	45	7	0	0	0	100	100	33	7	1	42	2	0	0	0	100	100	21	4	0	
February 2043	41	5	0	0	0	100	100	26	5	0	37	0	0	0	0	100	98	16	3	0	
February 2044	36	3	0	0	0	100	100	20	4	0	33	0	0	0	0	100	83	13	2	0	
February 2045	31	1	0	0	0	100	100	15	2	0	28	0	0	0	0	100	69	10	2	0	
February 2046	26	0	0	0	0	100	91	11	2	0	23	0	0	0	0	100	56	7	1	0	
February 2047	21	0	0	0	0	100	72	8	1	0	17	0	0	0	0	100	45	5	1	0	
February 2048	16	0	0	0	0	100	54	6	1	0	12	0	0	0	0	100	34	4	0	0	
February 2049	10	0	0	0	0	100	38	4	0	0	6	0	0	0	0	100	24	2	0	0	
February 2050	5	0	0	0	0	100	23	2	0	0	0	0	0	0	0	97	14	1	0	0	
February 2051	0	0	0	0	0	80	9	1	0	0	0	0	0	0	0	49	6	0	0	0	
February 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average Life (years)	17.4	9.1	5.3	3.9	3.0	29.4	26.4	19.2	14.3	10.4	16.8	8.5	4.9	3.6	2.8	29.0	24.8	17.1	12.6	9.1	

**Security Group 11  
PSA Prepayment Assumption Rates**

Distribution Date	Class DK				
	0%	100%	235%	350%	500%
Initial Percent	100	100	100	100	100
February 2023	100	100	100	100	100
February 2024	100	100	100	100	100
February 2025	100	100	100	100	100
February 2026	100	100	100	100	100
February 2027	100	100	100	100	100
February 2028	100	100	100	100	100
February 2029	100	100	100	100	100
February 2030	100	100	100	0	0
February 2031	100	100	100	0	0
February 2032	100	100	0	0	0
February 2033	100	100	0	0	0
February 2034	100	100	0	0	0
February 2035	100	100	0	0	0
February 2036	100	100	0	0	0
February 2037	100	100	0	0	0
February 2038	100	0	0	0	0
February 2039	100	0	0	0	0
February 2040	100	0	0	0	0
February 2041	100	0	0	0	0
February 2042	100	0	0	0	0
February 2043	100	0	0	0	0
February 2044	100	0	0	0	0
February 2045	100	0	0	0	0
February 2046	0	0	0	0	0
February 2047	0	0	0	0	0
February 2048	0	0	0	0	0
February 2049	0	0	0	0	0
February 2050	0	0	0	0	0
February 2051	0	0	0	0	0
February 2052	0	0	0	0	0
Weighted Average Life (years)	23.4	15.6	9.8	7.7	7.8

**Security Groups 10 and 11  
PSA Prepayment Assumption Rates**

Distribution Date	Class DL				
	0%	100%	235%	350%	500%
Initial Percent ...	100	100	100	100	100
February 2023 ...	100	100	100	100	100
February 2024 ...	100	100	100	100	100
February 2025 ...	100	100	100	100	100
February 2026 ...	100	100	100	100	100
February 2027 ...	100	100	100	100	100
February 2028 ...	100	100	100	100	100
February 2029 ...	100	100	100	100	93
February 2030 ...	100	100	100	77	54
February 2031 ...	100	100	100	77	37
February 2032 ...	100	100	77	66	25
February 2033 ...	100	100	77	56	17
February 2034 ...	100	100	77	42	11
February 2035 ...	100	100	73	32	8
February 2036 ...	100	100	65	24	5
February 2037 ...	100	100	59	18	3
February 2038 ...	100	77	48	14	2
February 2039 ...	100	77	39	10	1
February 2040 ...	100	77	31	8	1
February 2041 ...	100	77	25	6	1
February 2042 ...	100	77	20	4	0
February 2043 ...	100	76	15	3	0
February 2044 ...	100	69	12	2	0
February 2045 ...	100	62	9	1	0
February 2046 ...	77	53	7	1	0
February 2047 ...	77	42	5	1	0
February 2048 ...	77	32	3	0	0
February 2049 ...	77	22	2	0	0
February 2050 ...	76	14	1	0	0
February 2051 ...	47	6	0	0	0
February 2052 ...	0	0	0	0	0
Weighted Average Life (years) ....	27.8	23.2	16.0	12.0	9.2

**Security Group 12  
PSA Prepayment Assumption Rates**

Distribution Date	Classes AF and AS				
	0%	100%	250%	400%	500%
Initial Percent ...	100	100	100	100	100
February 2023 ...	98	97	94	92	91
February 2024 ...	97	91	83	76	71
February 2025 ...	95	84	70	57	49
February 2026 ...	93	77	58	42	34
February 2027 ...	91	70	48	31	23
February 2028 ...	89	64	40	23	16
February 2029 ...	87	59	33	17	11
February 2030 ...	85	54	27	13	7
February 2031 ...	83	49	22	9	5
February 2032 ...	80	44	18	7	3
February 2033 ...	78	40	15	5	2
February 2034 ...	75	36	12	4	2
February 2035 ...	72	33	10	3	1
February 2036 ...	69	29	8	2	1
February 2037 ...	66	26	7	1	0
February 2038 ...	63	23	5	1	0
February 2039 ...	60	21	4	1	0
February 2040 ...	56	18	3	1	0
February 2041 ...	53	16	3	0	0
February 2042 ...	49	14	2	0	0
February 2043 ...	45	12	2	0	0
February 2044 ...	41	10	1	0	0
February 2045 ...	36	8	1	0	0
February 2046 ...	32	7	1	0	0
February 2047 ...	27	5	0	0	0
February 2048 ...	22	4	0	0	0
February 2049 ...	17	3	0	0	0
February 2050 ...	12	2	0	0	0
February 2051 ...	6	1	0	0	0
February 2052 ...	0	0	0	0	0
Weighted Average Life (years) ....	18.3	10.5	6.2	4.4	3.7

**Security Groups 1 and 12  
PSA Prepayment Assumption Rates**

Distribution Date	Class FA				
	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100
February 2023	98	97	94	92	91
February 2024	97	91	83	76	71
February 2025	95	84	70	57	49
February 2026	93	77	58	42	34
February 2027	91	70	48	31	23
February 2028	89	64	40	23	16
February 2029	87	59	33	17	11
February 2030	85	54	27	13	7
February 2031	83	49	22	9	5
February 2032	80	44	18	7	3
February 2033	78	40	15	5	2
February 2034	75	36	12	4	2
February 2035	72	33	10	3	1
February 2036	69	29	8	2	1
February 2037	66	26	7	1	0
February 2038	63	23	5	1	0
February 2039	60	21	4	1	0
February 2040	56	18	3	1	0
February 2041	53	16	3	0	0
February 2042	49	14	2	0	0
February 2043	45	12	2	0	0
February 2044	41	10	1	0	0
February 2045	36	8	1	0	0
February 2046	32	7	1	0	0
February 2047	27	5	0	0	0
February 2048	22	4	0	0	0
February 2049	17	3	0	0	0
February 2050	12	2	0	0	0
February 2051	6	1	0	0	0
February 2052	0	0	0	0	0
Weighted Average Life (years)	18.3	10.5	6.2	4.4	3.7

**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 5, 8 and 11 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 Compounded SOFR under a variety of scenarios.

**No representation is made regarding Mortgage Loan prepayment rates, Underlying Certificate payment rates, Compounded SOFR 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.

#### *Compounded SOFR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes*

Low levels of Compounded SOFR can reduce the yield of the Floating Rate Classes. High levels of Compounded SOFR can significantly reduce the yield of the Inverse Floating Rate Classes. In addition, the Floating Rate Classes will not necessarily benefit from a higher yield at high levels of Compounded SOFR 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 50 days earlier.

### **Yield Tables**

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

The Mortgage Loans will not prepay at any constant rate until maturity, and it is unlikely that Compounded SOFR 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 Compounded SOFR and (2) the purchase price of each Class (expressed as a percentage of 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 SA to Prepayments  
Assumed Price 2.75%\***

<u>Compounded SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>250%</u>	<u>400%</u>	<u>500%</u>
0.01000% .....	97.7%	91.6%	85.5%	81.4%
0.04967% .....	95.7%	89.7%	83.5%	79.4%
1.22484% .....	40.8%	33.8%	26.6%	21.7%
2.40000% and above .....	**	**	**	**

**SECURITY GROUP 2**

**Sensitivity of Class SC to Prepayments  
Assumed Price 2.25%\***

<u>Compounded SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>250%</u>	<u>400%</u>	<u>500%</u>
0.01000% .....	124.3%	118.5%	112.6%	108.7%
0.04967% .....	121.7%	115.9%	110.1%	106.1%
1.20984% .....	52.4%	45.7%	38.8%	34.1%
2.37000% and above .....	**	**	**	**

**SECURITY GROUP 3**

**Sensitivity of Class EI to Prepayments  
Assumed Price 13.0%\***

<u>PSA Prepayment Assumption Rates</u>				
<u>135%</u>	<u>195%</u>	<u>225%</u>	<u>400%</u>	<u>455%</u>
11.1%	11.1%	11.1%	2.9%	0.0%

**Sensitivity of Class SD to Prepayments  
Assumed Price 4.5%\***

<u>Compounded SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>135%</u>	<u>195%</u>	<u>225%</u>	<u>400%</u>
0.01000% .....	70.7%	68.0%	66.7%	58.7%
0.05000% .....	69.6%	66.9%	65.5%	57.5%
1.57500% .....	27.8%	24.8%	23.2%	14.1%
3.10000% and above .....	**	**	**	**

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

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

**Sensitivity of Class TI to Prepayments  
Assumed Price 12.25%\***

<b>PSA Prepayment Assumption Rates</b>				
<u>135%</u>	<u>195%</u>	<u>225%</u>	<u>400%</u>	<u>421%</u>
15.6%	12.4%	10.8%	1.2%	0.0%

**SECURITY GROUP 4**

**Sensitivity of Class LI to Prepayments  
Assumed Price 9.0%\***

<b>PSA Prepayment Assumption Rates</b>				
<u>100%</u>	<u>250%</u>	<u>400%</u>	<u>444%</u>	<u>500%</u>
25.6%	15.2%	3.7%	0.1%	(4.6)%

**SECURITY GROUP 5**

**Sensitivity of Class DI to Prepayments  
Assumed Price 15.0%\***

<b>PSA Prepayment Assumption Rates</b>				
<u>100%</u>	<u>225%</u>	<u>350%</u>	<u>367%</u>	<u>500%</u>
19.2%	10.5%	1.3%	0.1%	(10.2)%

**SECURITY GROUP 6**

**Sensitivity of Class GI to Prepayments  
Assumed Price 9.5%\***

<b>PSA Prepayment Assumption Rates</b>				
<u>255%</u>	<u>300%</u>	<u>355%</u>	<u>563%</u>	<u>600%</u>
6.6%	6.6%	6.6%	0.1%	(2.3)%

**Sensitivity of Class QI to Prepayments  
Assumed Price 8.5%\***

<b>PSA Prepayment Assumption Rates</b>				
<u>255%</u>	<u>300%</u>	<u>355%</u>	<u>491%</u>	<u>600%</u>
4.8%	4.8%	4.8%	0.0%	(9.4)%

**SECURITY GROUP 7**

**Sensitivity of Class JI to Prepayments  
Assumed Price 16.25%\***

<b>PSA Prepayment Assumption Rates</b>				
<u>100%</u>	<u>250%</u>	<u>292%</u>	<u>400%</u>	<u>500%</u>
10.6%	2.4%	0.0%	(6.1)%	(12.0)%

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

**SECURITY GROUP 8**

**Sensitivity of Class HI to Prepayments  
Assumed Price 12.0%\***

PSA Prepayment Assumption Rates				
<u>100%</u>	<u>249%</u>	<u>350%</u>	<u>429%</u>	<u>500%</u>
16.3%	8.7%	4.4%	0.0%	(4.3)%

**SECURITY GROUP 9**

**Sensitivity of Class BI to Prepayments  
Assumed Price 9.0%\***

PSA Prepayment Assumption Rates					
<u>100%</u>	<u>680%</u>	<u>750%</u>	<u>850%</u>	<u>1,000%</u>	<u>1,700%</u>
38.3%	0.0%	(2.7)%	(2.7)%	(2.7)%	(40.9)%

**SECURITY GROUP 12**

**Sensitivity of Class AS to Prepayments  
Assumed Price 2.75%\***

<u>Compounded SOFR</u>	PSA Prepayment Assumption Rates			
	<u>100%</u>	<u>250%</u>	<u>400%</u>	<u>500%</u>
0.01000% .....	97.7%	91.6%	85.5%	81.4%
0.04967% .....	95.7%	89.7%	83.5%	79.4%
1.22484% .....	40.8%	33.8%	26.6%	21.7%
2.40000% and above .....	**	**	**	**

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

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

**CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES**

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

**REMIC Elections**

In the opinion of Orrick, Herrington & Sutcliffe LLP, the Trust will constitute a Single REMIC Series as to the Group 1 Trust Assets, the Group 2 Trust Assets and the Group 12 Trust Assets and a Single REMIC Series as to the Group 3 Trust Assets, the Group 4 Trust Assets, the Group 5 Trust Assets, the Group 6 Trust Assets, the Group 7 Trust Assets, the Group 8 Trust Assets, the Group 9 Trust Assets, the Group 10 Trust Assets and the Group 11 Trust Assets, each for United States federal income tax purposes. Separate REMIC elections will be made for the Group 1 REMIC, the Group 2 REMIC, the Group 12 REMIC and the Group 3 through 11 REMIC.

## **Regular Securities**

The Regular Securities will be treated as debt instruments issued by the Group 1 REMIC, the Group 2 REMIC, the Group 12 REMIC or the Group 3 through 11 REMIC, as applicable, 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, 2, 4, 7 and 12 Securities, 195% PSA in the case of the Group 3 Securities, 225% PSA in the case of the Group 5 Securities, 300% PSA in the case of the Group 6 Securities, 249% PSA in the case of the Group 8 Securities, 850% PSA in the case of the Group 9 Securities and 235% PSA in the case of the Group 10 and 11 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 Compounded SOFR 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.

## **Residual Securities**

The Class R1 Securities will represent the beneficial ownership of the Residual Interest in the Group 1 REMIC. The Class R2 Securities will represent the beneficial ownership of the Residual Interest in the Group 2 REMIC. The Class R12 Securities will represent the beneficial ownership of the Residual Interest in the Group 12 REMIC. The Class R Securities will represent the beneficial ownership of the Residual Interest in the Group 3 through 11 REMIC. The Residual Securities, i.e., the Class R1, R2, R12 and R 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 related Trust REMIC, and these requirements will continue until there are no outstanding regular interests in the respective Trust REMIC. 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 related Trust REMIC 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.

### **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.

**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.

**Prospective Plan Investors should consult with their advisors 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.**

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 (“Similar Law”).

Fiduciaries of any such Plans or governmental or church plans subject to Similar Law should consult with their counsel before purchasing any of the Securities.

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) February 1, 2022 on the Fixed Rate Classes and (2) February 20, 2022 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 Orrick, Herrington & Sutcliffe LLP, New York, New York and Marcell Solomon & Associates, P.C., and for the Trustee by Greenberg Traurig, LLP.



Schedule I

Available Combinations(1)

Class	REMIC Securities		MX Securities					Final Distribution Date(4)
	Original Class Principal Balance	Related MX Class	Maximum Original Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	
<b>Security Group 3</b>								
Combination 1(5)								
EA	\$ 25,967,000	EB	\$ 25,967,000	PAC I	1.50%	FIX	38383FX24	February 2052
		EC	25,967,000	PAC I	1.75	FIX	38383FX32	February 2052
		ED	25,967,000	PAC I	2.00	FIX	38383FX40	February 2052
		EG	25,967,000	PAC I	2.25	FIX	38383FX57	February 2052
		EI	8,655,666	NTL(PAC D)	3.00	FIX/IO	38383FX65	February 2052
Combination 2(5)								
EA	\$ 25,967,000	AH	\$ 30,763,791	PT	2.50%	FIX	38383FX73	February 2052
UB	3,123,791	TB	30,763,791	PT	1.50	FIX	38383FX81	February 2052
UE	1,673,000	TC	30,763,791	PT	1.75	FIX	38383FX99	February 2052
		TD	30,763,791	PT	2.00	FIX	38383FY23	February 2052
		TG	30,763,791	PT	2.25	FIX	38383FY31	February 2052
		TI	10,254,597	NTL(PT)	3.00	FIX/IO	38383FY49	February 2052
Combination 3								
UB	\$ 3,123,791	UG	\$ 4,796,791	SUP	2.50%	FIX	38383FY56	February 2052
UE	1,673,000							
<b>Security Group 4</b>								
Combination 4(5)								
LA	\$ 53,000,000	LB	\$ 53,000,000	SEQ/AD	1.50%	FIX	38383FY64	June 2050
		IC	53,000,000	SEQ/AD	1.75	FIX	38383FY72	June 2050
		LD	53,000,000	SEQ/AD	2.00	FIX	38383FY80	June 2050
		LE	53,000,000	SEQ/AD	2.25	FIX	38383FY98	June 2050
		LG	53,000,000	SEQ/AD	2.50	FIX	38383FZ22	June 2050
		LH	53,000,000	SEQ/AD	2.75	FIX	38383FZ30	June 2050
		LI	26,500,000	NTL(SEQ/AD)	3.00	FIX/IO	38383FZ48	June 2050

REMIC Securities

MX Securities

Class	REMIC Securities		MX Securities							
	Original Class Principal 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)		
<b>Security Group 5</b> Combination 5(5) D	\$118,874,093	DA	\$118,874,093	SC/PT	1.50%	FIX	38383FZ55	November 2034		
		DB	118,874,093	SC/PT	1.75	FIX	38383FZ63	November 2034		
		DC	118,874,093	SC/PT	2.00	FIX	38383FZ71	November 2034		
		DE	118,874,093	SC/PT	2.25	FIX	38383FZ89	November 2034		
		DG	118,874,093	SC/PT	2.50	FIX	38383FZ97	November 2034		
		DH	118,874,093	SC/PT	2.75	FIX	38383F2A0	November 2034		
		DI	86,453,885	NTL(SC/PT)	5.50	FIX/IO	38383F2B8	November 2034		
		DJ	118,874,093	SC/PT	3.00	FIX	38383F2C6	November 2034		
		<b>Security Group 6</b> Combination 6(5) QA QY	\$ 72,683,000 9,178,000	GA	\$ 81,861,000	PAC/AD	3.00%	FIX	38383F2D4	February 2052
				GB	81,861,000	PAC/AD	2.25	FIX	38383F2E2	February 2052
GC	81,861,000			PAC/AD	1.50	FIX	38383F2F9	February 2052		
GD	81,861,000			PAC/AD	1.75	FIX	38383F2G7	February 2052		
GE	81,861,000			PAC/AD	2.00	FIX	38383F2H5	February 2052		
GH	81,861,000			PAC/AD	2.50	FIX	38383F2J1	February 2052		
GI	40,930,500			NTL(PAC/AD)	3.00	FIX/IO	38383F2K8	February 2052		
GJ	81,861,000			PAC/AD	2.75	FIX	38383F2L6	February 2052		
<b>Combination 7(5)</b> QA	\$ 72,683,000			QB	\$ 72,683,000	PAC/AD	2.25%	FIX	38383F2M4	July 2050
				QC	72,683,000	PAC/AD	1.50	FIX	38383F2N2	July 2050
		QD	72,683,000	PAC/AD	1.75	FIX	38383F2P7	July 2050		
		QE	72,683,000	PAC/AD	2.00	FIX	38383F2Q5	July 2050		
		QH	72,683,000	PAC/AD	2.50	FIX	38383F2R3	July 2050		
		QI	36,341,500	NTL(PAC/AD)	3.00	FIX/IO	38383F2S1	July 2050		
		QJ	72,683,000	PAC/AD	2.75	FIX	38383F2T9	July 2050		

REMIC Securities

MX Securities

Class	REMIC Securities		MX Securities						
	Original Class Principal 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)	
<b>Security Group 7</b>									
Combination 8(5)									
J	\$100,000,000	JJ	\$ 50,000,000	NTL(PT)	3.00%	FIX/IO	38383F2U6	February 2052	
		JL	100,000,000	PT	1.50	FIX	38383F2V4	February 2052	
		JM	100,000,000	PT	1.75	FIX	38383F2W2	February 2052	
		JN	100,000,000	PT	2.00	FIX	38383F2X0	February 2052	
		JQ	100,000,000	PT	2.25	FIX	38383F2Y8	February 2052	
		JT	100,000,000	PT	2.50	FIX	38383F2Z5	February 2052	
		JU	100,000,000	PT	2.75	FIX	38383F3A9	February 2052	
<b>Security Group 9</b>									
Combination 9(5)									
BC	\$ 16,200,607	BD	\$ 16,200,607	PAC/AD	3.75%	FIX	38383F3B7	February 2052	
		BE	16,200,607	PAC/AD	3.50	FIX	38383F3C5	February 2052	
		BG	16,200,607	PAC/AD	3.25	FIX	38383F3D3	February 2052	
		BH	16,200,607	PAC/AD	3.00	FIX	38383F3E1	February 2052	
		BI	8,100,303	NTL(PAC/AD)	4.00	FIX/IO	38383F3F8	February 2052	
		BJ	16,200,607	PAC/AD	2.75	FIX	38383F3G6	February 2052	
		BM	16,200,607	PAC/AD	2.50	FIX	38383F3H4	February 2052	
		BN	16,200,607	PAC/AD	2.25	FIX	38383F3J0	February 2052	
		BP	16,200,607	PAC/AD	2.00	FIX	38383F3K7	February 2052	
<b>Security Groups 10 and 11</b>									
Combination 10(6)									
BL	\$ 400,388	DL	\$ 1,403,657	SC/PT/SEQ	3.00%	FIX	38383F3L5	February 2052	
CL	681,306								
DK	321,963								
<b>Security Groups 1 and 12</b>									
Combination 11(6)									
AF	\$250,000,000	FA	\$500,000,000	PT	(7)	FLT	38383F3M3	February 2052	
BF	250,000,000								

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

- (2) The amount shown for each MX Class represents the maximum Original Class Principal Balance (or original Class Notional Balance) of that Class, assuming it were to be issued on the Closing Date.
- (3) As defined under “Class Types” in Appendix I to the Base Offering Circular.
- (4) See “Yield, Maturity and Prepayment Considerations — Final Distribution Date” in this Supplement.
- (5) In the case of Combinations 1, 2, 4, 5, 6, 7, 8 and 9, various subcombinations are permitted. See “Description of the Securities — Modifications and Exchange” in the Base Offering Circular for a discussion of subcombinations.
- (6) Derived from REMIC Classes relating to separate Groups.
- (7) The Interest Rate will be calculated as described under “Terms Sheet — Interest Rates” in this Supplement.

**Schedule II**

**SCHEDULED PRINCIPAL BALANCES**

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
Initial Balance .....	\$50,000,000.00	\$25,967,000.00	\$3,222,000.00
March 2022 .....	49,863,080.54	25,895,892.11	3,213,055.27
April 2022 .....	49,712,651.00	25,817,767.89	3,201,148.08
May 2022 .....	49,548,777.06	25,732,661.44	3,186,293.16
June 2022 .....	49,371,533.79	25,640,611.74	3,168,509.80
July 2022 .....	49,181,005.60	25,541,662.64	3,147,821.84
August 2022 .....	48,977,286.19	25,435,862.80	3,124,257.67
September 2022 .....	48,760,478.50	25,323,265.69	3,097,850.14
October 2022 .....	48,530,694.63	25,203,929.51	3,068,636.57
November 2022 .....	48,288,055.73	25,077,917.18	3,036,658.71
December 2022 .....	48,032,691.92	24,945,296.29	3,001,962.68
January 2023 .....	47,764,742.21	24,806,139.02	2,964,598.86
February 2023 .....	47,484,354.32	24,660,522.10	2,924,621.90
March 2023 .....	47,191,684.63	24,508,526.74	2,882,090.54
April 2023 .....	46,886,897.97	24,350,238.53	2,837,067.62
May 2023 .....	46,570,167.51	24,185,747.42	2,789,619.92
June 2023 .....	46,241,674.59	24,015,147.59	2,739,818.08
July 2023 .....	45,901,608.56	23,838,537.36	2,687,736.48
August 2023 .....	45,550,166.61	23,656,019.15	2,633,453.08
September 2023 .....	45,187,553.54	23,467,699.32	2,577,049.38
October 2023 .....	44,813,981.61	23,273,688.11	2,518,610.21
November 2023 .....	44,429,670.32	23,074,099.51	2,458,223.61
December 2023 .....	44,034,846.19	22,869,051.16	2,395,980.69
January 2024 .....	43,629,742.55	22,658,664.24	2,331,975.46
February 2024 .....	43,214,599.30	22,443,063.33	2,266,304.65
March 2024 .....	42,789,662.65	22,222,376.31	2,199,067.63
April 2024 .....	42,355,184.94	21,996,734.23	2,130,366.11
May 2024 .....	41,911,424.31	21,766,271.15	2,060,304.06
June 2024 .....	41,458,644.52	21,531,124.05	1,988,987.46
July 2024 .....	41,009,432.90	21,297,830.05	1,919,169.17
August 2024 .....	40,563,762.80	21,066,375.30	1,850,828.92
September 2024 .....	40,121,607.74	20,836,746.05	1,783,946.69
October 2024 .....	39,682,941.44	20,608,928.67	1,718,502.68
November 2024 .....	39,247,737.82	20,382,909.59	1,654,477.31
December 2024 .....	38,815,970.98	20,158,675.38	1,591,851.23
January 2025 .....	38,387,615.22	19,936,212.67	1,530,605.30
February 2025 .....	37,962,645.00	19,715,508.22	1,470,720.62
March 2025 .....	37,541,034.99	19,496,548.87	1,412,178.48
April 2025 .....	37,122,760.04	19,279,321.54	1,354,960.41
May 2025 .....	36,707,795.18	19,063,813.28	1,299,048.13
June 2025 .....	36,296,115.62	18,850,011.22	1,244,423.59
July 2025 .....	35,887,696.76	18,637,902.56	1,191,068.91
August 2025 .....	35,482,514.16	18,427,474.64	1,138,966.46
September 2025 .....	35,080,543.58	18,218,714.84	1,088,098.79
October 2025 .....	34,681,760.95	18,011,610.68	1,038,448.64
November 2025 .....	34,286,142.36	17,806,149.73	989,998.98

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
December 2025	\$33,893,664.09	\$17,602,319.68	\$ 942,732.95
January 2026	33,504,302.59	17,400,108.30	896,633.90
February 2026	33,118,034.48	17,199,503.44	851,685.36
March 2026	32,734,836.55	17,000,493.05	807,871.06
April 2026	32,354,685.76	16,803,065.16	765,174.91
May 2026	31,977,559.24	16,607,207.90	723,581.02
June 2026	31,603,434.28	16,412,909.48	683,073.67
July 2026	31,232,288.34	16,220,158.18	643,637.33
August 2026	30,864,099.05	16,028,942.39	605,256.64
September 2026	30,498,844.19	15,839,250.57	567,916.45
October 2026	30,136,501.70	15,651,071.27	531,601.76
November 2026	29,777,049.71	15,464,393.12	496,297.74
December 2026	29,420,466.48	15,279,204.84	461,989.75
January 2027	29,066,730.44	15,095,495.21	428,663.31
February 2027	28,715,820.17	14,913,253.13	396,304.12
March 2027	28,367,714.42	14,732,467.55	364,898.05
April 2027	28,022,392.08	14,553,127.50	334,431.11
May 2027	27,679,832.20	14,375,222.12	304,889.52
June 2027	27,340,013.99	14,198,740.59	276,259.61
July 2027	27,002,916.80	14,023,672.21	248,527.91
August 2027	26,668,520.14	13,850,006.32	221,681.10
September 2027	26,336,803.66	13,677,732.35	195,706.01
October 2027	26,007,747.16	13,506,839.83	170,589.63
November 2027	25,681,330.61	13,337,318.34	146,319.09
December 2027	25,357,534.09	13,169,157.54	122,881.70
January 2028	25,036,337.86	13,002,347.17	100,264.90
February 2028	24,717,722.29	12,836,877.05	78,456.30
March 2028	24,401,667.93	12,672,737.06	57,443.62
April 2028	24,088,155.44	12,509,917.18	37,214.77
May 2028	23,777,165.63	12,348,407.43	17,757.79
June 2028	23,468,679.47	12,188,197.92	0.00
July 2028	23,162,678.05	12,029,278.84	0.00
August 2028	22,859,142.59	11,871,640.44	0.00
September 2028	22,558,054.47	11,715,273.04	0.00
October 2028	22,259,395.20	11,560,167.04	0.00
November 2028	21,963,146.42	11,406,312.91	0.00
December 2028	21,669,289.89	11,253,701.17	0.00
January 2029	21,377,807.54	11,102,322.44	0.00
February 2029	21,088,681.40	10,952,167.38	0.00
March 2029	20,801,893.64	10,803,226.74	0.00
April 2029	20,517,426.56	10,655,491.34	0.00
May 2029	20,235,262.61	10,508,952.03	0.00
June 2029	19,955,384.33	10,363,599.77	0.00
July 2029	19,677,774.43	10,219,425.57	0.00
August 2029	19,402,415.71	10,076,420.50	0.00
September 2029	19,129,291.11	9,934,575.71	0.00
October 2029	18,858,383.71	9,793,882.39	0.00
November 2029	18,589,676.69	9,654,331.82	0.00
December 2029	18,323,153.36	9,515,915.33	0.00

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
January 2030	\$18,058,797.17	\$ 9,378,624.33	\$ 0.00
February 2030	17,796,591.66	9,242,450.26	0.00
March 2030	17,536,654.07	9,107,454.02	0.00
April 2030	17,280,262.90	8,974,299.57	0.00
May 2030	17,027,371.65	8,842,962.79	0.00
June 2030	16,777,934.43	8,713,419.82	0.00
July 2030	16,531,905.92	8,585,647.13	0.00
August 2030	16,289,241.39	8,459,621.49	0.00
September 2030	16,049,896.68	8,335,319.97	0.00
October 2030	15,813,828.18	8,212,719.93	0.00
November 2030	15,580,992.86	8,091,799.00	0.00
December 2030	15,351,348.22	7,972,535.13	0.00
January 2031	15,124,852.33	7,854,906.54	0.00
February 2031	14,901,463.78	7,738,891.70	0.00
March 2031	14,681,141.68	7,624,469.41	0.00
April 2031	14,463,845.69	7,511,618.70	0.00
May 2031	14,249,535.97	7,400,318.87	0.00
June 2031	14,038,173.19	7,290,549.52	0.00
July 2031	13,829,718.53	7,182,290.47	0.00
August 2031	13,624,133.66	7,075,521.82	0.00
September 2031	13,421,380.75	6,970,223.93	0.00
October 2031	13,221,422.46	6,866,377.40	0.00
November 2031	13,024,221.92	6,763,963.07	0.00
December 2031	12,829,742.73	6,662,962.06	0.00
January 2032	12,637,948.96	6,563,355.69	0.00
February 2032	12,448,805.15	6,465,125.56	0.00
March 2032	12,262,276.29	6,368,253.48	0.00
April 2032	12,078,327.81	6,272,721.49	0.00
May 2032	11,896,925.60	6,178,511.89	0.00
June 2032	11,718,035.97	6,085,607.18	0.00
July 2032	11,541,625.69	5,993,990.09	0.00
August 2032	11,367,661.94	5,903,643.58	0.00
September 2032	11,196,112.32	5,814,550.83	0.00
October 2032	11,026,944.84	5,726,695.23	0.00
November 2032	10,860,127.95	5,640,060.38	0.00
December 2032	10,695,630.47	5,554,630.10	0.00
January 2033	10,533,421.66	5,470,388.42	0.00
February 2033	10,373,471.14	5,387,319.56	0.00
March 2033	10,215,748.95	5,305,407.96	0.00
April 2033	10,060,225.49	5,224,638.25	0.00
May 2033	9,906,871.57	5,144,995.28	0.00
June 2033	9,755,658.34	5,066,464.05	0.00
July 2033	9,606,557.36	4,989,029.80	0.00
August 2033	9,459,540.53	4,912,677.94	0.00
September 2033	9,314,580.13	4,837,394.06	0.00
October 2033	9,171,648.79	4,763,163.95	0.00
November 2033	9,030,719.48	4,689,973.59	0.00
December 2033	8,891,765.55	4,617,809.12	0.00
January 2034	8,754,760.66	4,546,656.86	0.00

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
February 2034	\$ 8,619,678.84	\$ 4,476,503.34	\$ 0.00
March 2034	8,486,494.43	4,407,335.22	0.00
April 2034	8,355,182.12	4,339,139.36	0.00
May 2034	8,225,716.93	4,271,902.77	0.00
June 2034	8,098,074.18	4,205,612.66	0.00
July 2034	7,972,229.53	4,140,256.38	0.00
August 2034	7,848,158.94	4,075,821.44	0.00
September 2034	7,725,838.70	4,012,295.52	0.00
October 2034	7,605,245.39	3,949,666.48	0.00
November 2034	7,486,355.91	3,887,922.29	0.00
December 2034	7,369,147.43	3,827,051.13	0.00
January 2035	7,253,597.45	3,767,041.29	0.00
February 2035	7,139,683.74	3,707,881.23	0.00
March 2035	7,027,384.36	3,649,559.56	0.00
April 2035	6,916,677.67	3,592,065.04	0.00
May 2035	6,807,542.29	3,535,386.56	0.00
June 2035	6,699,957.13	3,479,513.18	0.00
July 2035	6,593,901.38	3,424,434.08	0.00
August 2035	6,489,354.47	3,370,138.59	0.00
September 2035	6,386,296.13	3,316,616.17	0.00
October 2035	6,284,706.35	3,263,856.43	0.00
November 2035	6,184,565.36	3,211,849.11	0.00
December 2035	6,085,853.65	3,160,584.08	0.00
January 2036	5,988,551.99	3,110,051.34	0.00
February 2036	5,892,641.37	3,060,241.02	0.00
March 2036	5,798,103.05	3,011,143.39	0.00
April 2036	5,704,918.51	2,962,748.84	0.00
May 2036	5,613,069.49	2,915,047.88	0.00
June 2036	5,522,537.96	2,868,031.15	0.00
July 2036	5,433,306.13	2,821,689.40	0.00
August 2036	5,345,356.43	2,776,013.52	0.00
September 2036	5,258,671.54	2,730,994.51	0.00
October 2036	5,173,234.35	2,686,623.47	0.00
November 2036	5,089,027.97	2,642,891.65	0.00
December 2036	5,006,035.74	2,599,790.38	0.00
January 2037	4,924,241.21	2,557,311.13	0.00
February 2037	4,843,628.15	2,515,445.46	0.00
March 2037	4,764,180.55	2,474,185.07	0.00
April 2037	4,685,882.59	2,433,521.73	0.00
May 2037	4,608,718.67	2,393,447.34	0.00
June 2037	4,532,673.38	2,353,953.91	0.00
July 2037	4,457,731.54	2,315,033.54	0.00
August 2037	4,383,878.14	2,276,678.44	0.00
September 2037	4,311,098.37	2,238,880.93	0.00
October 2037	4,239,377.63	2,201,633.41	0.00
November 2037	4,168,701.50	2,164,928.40	0.00
December 2037	4,099,055.75	2,128,758.50	0.00
January 2038	4,030,426.34	2,093,116.43	0.00
February 2038	3,962,799.40	2,057,994.99	0.00



<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
March 2038	\$ 3,896,161.26	\$ 2,023,387.08	\$ 0.00
April 2038	3,830,498.41	1,989,285.67	0.00
May 2038	3,765,797.55	1,955,683.86	0.00
June 2038	3,702,045.52	1,922,574.82	0.00
July 2038	3,639,229.34	1,889,951.80	0.00
August 2038	3,577,336.22	1,857,808.17	0.00
September 2038	3,516,353.51	1,826,137.35	0.00
October 2038	3,456,268.76	1,794,932.87	0.00
November 2038	3,397,069.65	1,764,188.35	0.00
December 2038	3,338,744.03	1,733,897.47	0.00
January 2039	3,281,279.93	1,704,054.00	0.00
February 2039	3,224,665.52	1,674,651.82	0.00
March 2039	3,168,889.12	1,645,684.85	0.00
April 2039	3,113,939.22	1,617,147.12	0.00
May 2039	3,059,804.46	1,589,032.71	0.00
June 2039	3,006,473.61	1,561,335.82	0.00
July 2039	2,953,935.62	1,534,050.69	0.00
August 2039	2,902,179.55	1,507,171.64	0.00
September 2039	2,851,194.63	1,480,693.08	0.00
October 2039	2,800,970.22	1,454,609.49	0.00
November 2039	2,751,495.83	1,428,915.41	0.00
December 2039	2,702,761.11	1,403,605.47	0.00
January 2040	2,654,755.82	1,378,674.36	0.00
February 2040	2,607,469.89	1,354,116.83	0.00
March 2040	2,560,893.36	1,329,927.73	0.00
April 2040	2,515,016.41	1,306,101.96	0.00
May 2040	2,469,829.36	1,282,634.47	0.00
June 2040	2,425,322.64	1,259,520.30	0.00
July 2040	2,381,486.81	1,236,754.56	0.00
August 2040	2,338,312.57	1,214,332.41	0.00
September 2040	2,295,790.72	1,192,249.07	0.00
October 2040	2,253,912.20	1,170,499.84	0.00
November 2040	2,212,668.07	1,149,080.07	0.00
December 2040	2,172,049.50	1,127,985.18	0.00
January 2041	2,132,047.78	1,107,210.65	0.00
February 2041	2,092,654.32	1,086,752.01	0.00
March 2041	2,053,860.63	1,066,604.86	0.00
April 2041	2,015,658.34	1,046,764.85	0.00
May 2041	1,978,039.21	1,027,227.69	0.00
June 2041	1,940,995.09	1,007,989.16	0.00
July 2041	1,904,517.94	989,045.08	0.00
August 2041	1,868,599.82	970,391.32	0.00
September 2041	1,833,232.91	952,023.84	0.00
October 2041	1,798,409.49	933,938.61	0.00
November 2041	1,764,121.94	916,131.68	0.00
December 2041	1,730,362.75	898,599.15	0.00
January 2042	1,697,124.50	881,337.16	0.00
February 2042	1,664,399.86	864,341.92	0.00
March 2042	1,632,181.63	847,609.67	0.00

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
April 2042	\$ 1,600,462.67	\$ 831,136.72	\$ 0.00
May 2042	1,569,235.96	814,919.41	0.00
June 2042	1,538,494.57	798,954.14	0.00
July 2042	1,508,231.64	783,237.36	0.00
August 2042	1,478,440.43	767,765.57	0.00
September 2042	1,449,114.29	752,535.30	0.00
October 2042	1,420,246.63	737,543.14	0.00
November 2042	1,391,830.98	722,785.73	0.00
December 2042	1,363,860.94	708,259.74	0.00
January 2043	1,336,330.20	693,961.90	0.00
February 2043	1,309,232.53	679,888.97	0.00
March 2043	1,282,561.79	666,037.76	0.00
April 2043	1,256,311.92	652,405.13	0.00
May 2043	1,230,476.95	638,987.97	0.00
June 2043	1,205,050.96	625,783.21	0.00
July 2043	1,180,028.15	612,787.84	0.00
August 2043	1,155,402.78	599,998.87	0.00
September 2043	1,131,169.17	587,413.37	0.00
October 2043	1,107,321.75	575,028.43	0.00
November 2043	1,083,855.00	562,841.18	0.00
December 2043	1,060,763.47	550,848.80	0.00
January 2044	1,038,041.82	539,048.52	0.00
February 2044	1,015,684.74	527,437.57	0.00
March 2044	993,687.01	516,013.25	0.00
April 2044	972,043.49	504,772.88	0.00
May 2044	950,749.08	493,713.82	0.00
June 2044	929,798.79	482,833.48	0.00
July 2044	909,187.66	472,129.27	0.00
August 2044	888,910.82	461,598.68	0.00
September 2044	868,963.45	451,239.19	0.00
October 2044	849,340.81	441,048.35	0.00
November 2044	830,038.22	431,023.72	0.00
December 2044	811,051.05	421,162.91	0.00
January 2045	792,374.75	411,463.54	0.00
February 2045	774,004.82	401,923.29	0.00
March 2045	755,936.84	392,539.84	0.00
April 2045	738,166.43	383,310.94	0.00
May 2045	720,689.27	374,234.33	0.00
June 2045	703,501.10	365,307.81	0.00
July 2045	686,597.74	356,529.20	0.00
August 2045	669,975.04	347,896.35	0.00
September 2045	653,628.91	339,407.14	0.00
October 2045	637,555.33	331,059.47	0.00
November 2045	621,750.32	322,851.28	0.00
December 2045	606,209.97	314,780.54	0.00
January 2046	590,930.40	306,845.23	0.00
February 2046	575,907.80	299,043.38	0.00
March 2046	561,138.42	291,373.04	0.00
April 2046	546,618.55	283,832.27	0.00

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
May 2046	\$ 532,344.51	\$ 276,419.18	\$ 0.00
June 2046	518,312.71	269,131.89	0.00
July 2046	504,519.58	261,968.56	0.00
August 2046	490,961.62	254,927.35	0.00
September 2046	477,635.36	248,006.47	0.00
October 2046	464,537.38	241,204.16	0.00
November 2046	451,664.31	234,518.65	0.00
December 2046	439,012.84	227,948.22	0.00
January 2047	426,579.69	221,491.18	0.00
February 2047	414,361.62	215,145.83	0.00
March 2047	402,355.45	208,910.53	0.00
April 2047	390,558.03	202,783.65	0.00
May 2047	378,966.27	196,763.57	0.00
June 2047	367,577.10	190,848.71	0.00
July 2047	356,387.51	185,037.50	0.00
August 2047	345,394.53	179,328.39	0.00
September 2047	334,595.22	173,719.87	0.00
October 2047	323,986.69	168,210.43	0.00
November 2047	313,566.09	162,798.58	0.00
December 2047	303,330.60	157,482.87	0.00
January 2048	293,277.46	152,261.86	0.00
February 2048	283,403.92	147,134.13	0.00
March 2048	273,707.28	142,098.27	0.00
April 2048	264,184.90	137,152.90	0.00
May 2048	254,834.13	132,296.67	0.00
June 2048	245,652.40	127,528.22	0.00
July 2048	236,637.16	122,846.23	0.00
August 2048	227,785.88	118,249.40	0.00
September 2048	219,096.09	113,736.44	0.00
October 2048	210,565.34	109,306.07	0.00
November 2048	202,191.22	104,957.05	0.00
December 2048	193,971.35	100,688.13	0.00
January 2049	185,903.38	96,498.10	0.00
February 2049	177,985.00	92,385.76	0.00
March 2049	170,213.93	88,349.93	0.00
April 2049	162,587.92	84,389.43	0.00
May 2049	155,104.75	80,503.11	0.00
June 2049	147,762.24	76,689.85	0.00
July 2049	140,558.23	72,948.51	0.00
August 2049	133,490.60	69,278.00	0.00
September 2049	126,557.24	65,677.22	0.00
October 2049	119,756.10	62,145.11	0.00
November 2049	113,085.13	58,680.60	0.00
December 2049	106,542.33	55,282.66	0.00
January 2050	100,125.72	51,950.25	0.00
February 2050	93,833.33	48,682.35	0.00
March 2050	87,663.25	45,477.98	0.00
April 2050	81,613.59	42,336.14	0.00
May 2050	75,682.45	39,255.86	0.00

<u>Distribution Date</u>	<u>Class BA</u>	<u>Class EA</u>	<u>Class UD</u>
June 2050 .....	\$ 69,868.01	\$ 36,236.18	\$ 0.00
July 2050 .....	64,168.44	33,276.16	0.00
August 2050 .....	58,581.96	30,374.87	0.00
September 2050 .....	53,106.78	27,531.39	0.00
October 2050 .....	47,741.17	24,744.80	0.00
November 2050 .....	42,483.41	22,014.23	0.00
December 2050 .....	37,331.80	19,338.79	0.00
January 2051 .....	32,284.68	16,717.62	0.00
February 2051 .....	27,340.40	14,149.85	0.00
March 2051 .....	22,497.33	11,634.65	0.00
April 2051 .....	17,753.88	9,171.18	0.00
May 2051 .....	13,108.47	6,758.62	0.00
June 2051 .....	8,559.54	4,396.18	0.00
July 2051 .....	4,105.56	2,083.05	0.00
August 2051 and thereafter .....	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Class UE</u>	<u>Classes QA and QY (in the aggregate)</u>	<u>Class BC</u>
Initial Balance . . . . .	\$1,673,000.00	\$81,861,000.00	\$16,200,607.00
March 2022 . . . . .	1,668,354.64	81,235,989.60	16,097,916.94
April 2022 . . . . .	1,662,170.74	80,570,741.24	15,971,548.42
May 2022 . . . . .	1,654,455.97	79,865,852.17	15,821,585.41
June 2022 . . . . .	1,645,220.35	79,121,972.18	15,648,202.03
July 2022 . . . . .	1,634,476.25	78,339,802.66	15,451,663.74
August 2022 . . . . .	1,622,238.41	77,520,095.51	15,232,328.07
September 2022 . . . . .	1,608,523.88	76,663,651.99	14,990,644.67
October 2022 . . . . .	1,593,352.08	75,771,321.44	14,727,154.96
November 2022 . . . . .	1,576,744.67	74,843,999.85	14,442,491.05
December 2022 . . . . .	1,558,725.60	73,882,628.37	14,137,374.11
January 2023 . . . . .	1,539,321.04	72,888,191.72	13,812,612.16
February 2023 . . . . .	1,518,559.36	71,861,716.42	13,469,097.22
March 2023 . . . . .	1,496,471.08	70,804,269.02	13,107,801.86
April 2023 . . . . .	1,473,088.84	69,716,954.19	12,729,775.13
May 2023 . . . . .	1,448,447.31	68,600,912.70	12,336,137.95
June 2023 . . . . .	1,422,583.17	67,457,319.38	11,928,077.90
July 2023 . . . . .	1,395,535.06	66,287,380.92	11,506,843.48
August 2023 . . . . .	1,367,343.47	65,092,333.67	11,073,737.86
September 2023 . . . . .	1,338,050.71	63,873,441.33	10,630,112.17
October 2023 . . . . .	1,307,700.86	62,631,992.59	10,177,358.30
November 2023 . . . . .	1,276,339.62	61,369,298.69	9,716,901.44
December 2023 . . . . .	1,244,014.32	60,124,917.15	9,250,192.13
January 2024 . . . . .	1,210,773.77	58,898,577.13	8,778,698.16
February 2024 . . . . .	1,176,668.24	57,690,011.75	8,303,896.24
March 2024 . . . . .	1,141,749.30	56,498,957.95	7,827,263.43
April 2024 . . . . .	1,106,069.79	55,325,156.49	7,350,268.60
May 2024 . . . . .	1,069,683.69	54,168,351.87	6,874,363.86
June 2024 . . . . .	1,032,646.06	53,028,292.27	6,400,975.96
July 2024 . . . . .	996,386.55	51,904,729.54	5,950,795.62
August 2024 . . . . .	960,894.66	50,797,419.07	5,522,665.65
September 2024 . . . . .	926,159.99	49,706,119.83	5,115,486.37
October 2024 . . . . .	892,172.22	48,630,594.24	4,731,884.95
November 2024 . . . . .	858,921.23	47,570,608.17	4,377,011.91
December 2024 . . . . .	826,396.93	46,525,930.89	4,048,718.31
January 2025 . . . . .	794,589.42	45,496,334.99	3,745,015.76
February 2025 . . . . .	763,488.85	44,481,596.35	3,464,064.47
March 2025 . . . . .	733,085.51	43,481,494.09	3,204,162.15
April 2025 . . . . .	703,369.83	42,495,810.54	2,963,733.71
May 2025 . . . . .	674,332.29	41,524,331.17	2,741,321.82
June 2025 . . . . .	645,963.52	40,566,844.55	2,535,578.08
July 2025 . . . . .	618,254.26	39,623,142.34	2,345,254.87
August 2025 . . . . .	591,195.31	38,693,019.17	2,169,197.88
September 2025 . . . . .	564,777.65	37,776,272.69	2,006,339.09
October 2025 . . . . .	538,992.29	36,872,703.45	1,855,690.34
November 2025 . . . . .	513,830.40	35,982,114.90	1,716,337.38
December 2025 . . . . .	489,283.21	35,104,313.35	1,587,434.32
January 2026 . . . . .	465,342.08	34,239,107.89	1,468,198.56

<u>Distribution Date</u>	<u>Class UE</u>	<u>Classes QA and QY (in the aggregate)</u>	<u>Class BC</u>
February 2026	\$ 441,998.46	\$33,386,310.40	\$ 1,357,906.03
March 2026	419,243.90	32,545,735.49	1,255,886.82
April 2026	397,070.05	31,717,200.42	1,161,521.15
May 2026	375,468.63	30,900,525.15	1,074,235.61
June 2026	354,431.50	30,095,532.23	993,499.70
July 2026	333,950.60	29,302,046.77	918,822.62
August 2026	314,017.94	28,519,896.43	849,750.29
September 2026	294,625.65	27,749,701.71	785,862.65
October 2026	275,765.93	26,995,676.18	726,771.05
November 2026	257,431.11	26,257,477.76	672,115.96
December 2026	239,613.56	25,534,771.50	621,564.75
January 2027	222,305.78	24,827,229.42	574,809.70
February 2027	205,500.32	24,134,530.38	531,566.16
March 2027	189,189.86	23,456,359.94	491,570.75
April 2027	173,367.14	22,792,410.22	454,579.87
May 2027	158,024.97	22,142,379.75	420,368.12
June 2027	143,156.30	21,505,973.36	388,727.01
July 2027	128,754.08	20,882,902.02	359,463.68
August 2027	114,811.43	20,272,882.76	332,399.69
September 2027	101,321.51	19,675,638.50	307,370.01
October 2027	88,277.54	19,090,897.94	284,221.93
November 2027	75,672.85	18,518,395.45	262,814.24
December 2027	63,500.85	17,957,870.97	243,016.27
January 2028	51,755.03	17,409,069.83	224,707.18
February 2028	40,428.92	16,871,742.71	207,775.16
March 2028	29,516.19	16,345,645.50	192,116.79
April 2028	19,010.51	15,830,539.18	177,636.44
May 2028	8,905.70	15,326,189.75	164,245.60
June 2028	0.00	14,832,368.07	151,862.44
July 2028	0.00	14,348,849.82	140,411.24
August 2028	0.00	13,875,415.37	129,821.98
September 2028	0.00	13,411,849.67	120,029.88
October 2028	0.00	12,957,942.18	110,975.04
November 2028	0.00	12,513,486.78	102,602.02
December 2028	0.00	12,078,281.65	94,859.59
January 2029	0.00	11,652,129.20	87,700.32
February 2029	0.00	11,234,835.98	81,080.37
March 2029	0.00	10,826,212.60	74,959.17
April 2029	0.00	10,426,073.62	69,299.22
May 2029	0.00	10,034,237.52	64,065.82
June 2029	0.00	9,650,526.54	59,226.87
July 2029	0.00	9,274,766.70	54,752.71
August 2029	0.00	8,906,787.63	50,615.87
September 2029	0.00	8,546,422.55	46,790.97
October 2029	0.00	8,193,508.17	43,254.53
November 2029	0.00	7,847,884.65	39,984.84
December 2029	0.00	7,509,395.48	36,961.80
January 2030	0.00	7,177,887.45	34,166.86

<u>Distribution Date</u>	<u>Class UE</u>	<u>Classes QA and QY (in the aggregate)</u>	<u>Class BC</u>
February 2030	\$ 0.00	\$ 6,853,210.57	\$ 31,582.82
March 2030	0.00	6,535,217.99	29,193.81
April 2030	0.00	6,223,765.95	26,985.13
May 2030	0.00	5,918,713.72	24,943.19
June 2030	0.00	5,619,923.52	23,055.44
July 2030	0.00	5,327,260.47	21,310.24
August 2030	0.00	5,040,592.52	19,696.87
September 2030	0.00	4,759,790.42	18,205.37
October 2030	0.00	4,484,727.61	16,826.56
November 2030	0.00	4,215,280.22	15,551.94
December 2030	0.00	3,951,326.96	14,373.66
January 2031	0.00	3,692,749.12	13,284.45
February 2031	0.00	3,439,430.49	12,277.58
March 2031	0.00	3,191,257.28	11,346.85
April 2031	0.00	2,948,118.13	10,486.52
May 2031	0.00	2,709,904.00	9,691.26
June 2031	0.00	2,476,508.17	8,956.16
July 2031	0.00	2,247,826.17	8,276.69
August 2031	0.00	2,023,755.72	7,648.64
September 2031	0.00	1,804,196.70	7,068.13
October 2031	0.00	1,589,051.11	6,531.57
November 2031	0.00	1,378,223.02	6,035.63
December 2031	0.00	1,171,618.52	5,577.26
January 2032	0.00	969,145.68	5,153.61
February 2032	0.00	770,714.51	4,762.05
March 2032	0.00	576,236.95	4,400.17
April 2032	0.00	385,626.75	4,065.71
May 2032	0.00	198,799.54	3,756.61
June 2032	0.00	15,672.68	3,470.94
July 2032	0.00	0.00	3,206.93
August 2032	0.00	0.00	2,962.95
September 2032	0.00	0.00	2,737.47
October 2032	0.00	0.00	2,529.11
November 2032	0.00	0.00	2,336.56
December 2032	0.00	0.00	2,158.62
January 2033	0.00	0.00	1,994.19
February 2033	0.00	0.00	1,842.25
March 2033	0.00	0.00	1,701.85
April 2033	0.00	0.00	1,572.12
May 2033	0.00	0.00	1,452.24
June 2033	0.00	0.00	1,341.47
July 2033	0.00	0.00	1,239.13
August 2033	0.00	0.00	1,144.56
September 2033	0.00	0.00	1,057.19
October 2033	0.00	0.00	976.46
November 2033	0.00	0.00	901.88
December 2033	0.00	0.00	832.96
January 2034	0.00	0.00	769.30

<u>Distribution Date</u>	<u>Class UE</u>	<u>Classes QA and QY (in the aggregate)</u>	<u>Class BC</u>
February 2034	\$ 0.00	\$ 0.00	\$ 710.48
March 2034	0.00	0.00	656.14
April 2034	0.00	0.00	605.94
May 2034	0.00	0.00	559.57
June 2034	0.00	0.00	516.72
July 2034	0.00	0.00	477.15
August 2034	0.00	0.00	440.59
September 2034	0.00	0.00	406.82
October 2034	0.00	0.00	375.62
November 2034	0.00	0.00	346.81
December 2034	0.00	0.00	320.19
January 2035	0.00	0.00	295.60
February 2035	0.00	0.00	272.90
March 2035	0.00	0.00	251.92
April 2035	0.00	0.00	232.55
May 2035	0.00	0.00	214.66
June 2035	0.00	0.00	198.13
July 2035	0.00	0.00	182.87
August 2035	0.00	0.00	168.78
September 2035	0.00	0.00	155.76
October 2035	0.00	0.00	143.74
November 2035	0.00	0.00	132.64
December 2035	0.00	0.00	122.39
January 2036	0.00	0.00	112.93
February 2036	0.00	0.00	104.19
March 2036	0.00	0.00	96.12
April 2036	0.00	0.00	88.66
May 2036	0.00	0.00	81.78
June 2036	0.00	0.00	75.43
July 2036	0.00	0.00	69.56
August 2036	0.00	0.00	64.15
September 2036	0.00	0.00	59.15
October 2036	0.00	0.00	54.53
November 2036	0.00	0.00	50.27
December 2036	0.00	0.00	46.33
January 2037	0.00	0.00	42.70
February 2037	0.00	0.00	39.35
March 2037	0.00	0.00	36.25
April 2037	0.00	0.00	33.40
May 2037	0.00	0.00	30.76
June 2037	0.00	0.00	28.33
July 2037	0.00	0.00	26.08
August 2037	0.00	0.00	24.01
September 2037	0.00	0.00	22.09
October 2037	0.00	0.00	20.33
November 2037	0.00	0.00	18.70
December 2037	0.00	0.00	17.19
January 2038	0.00	0.00	15.80



<u>Distribution Date</u>	<u>Class UE</u>	<u>Classes QA and QY (in the aggregate)</u>	<u>Class BC</u>
February 2038 .....	\$ 0.00	\$ 0.00	\$ 14.52
March 2038 .....	0.00	0.00	13.34
April 2038 .....	0.00	0.00	12.25
May 2038 .....	0.00	0.00	11.24
June 2038 .....	0.00	0.00	10.31
July 2038 .....	0.00	0.00	9.46
August 2038 .....	0.00	0.00	8.67
September 2038 .....	0.00	0.00	7.94
October 2038 .....	0.00	0.00	7.26
November 2038 .....	0.00	0.00	6.64
December 2038 .....	0.00	0.00	6.07
January 2039 .....	0.00	0.00	5.54
February 2039 .....	0.00	0.00	5.05
March 2039 .....	0.00	0.00	4.60
April 2039 .....	0.00	0.00	4.19
May 2039 .....	0.00	0.00	3.81
June 2039 .....	0.00	0.00	3.45
July 2039 .....	0.00	0.00	3.13
August 2039 .....	0.00	0.00	2.83
September 2039 .....	0.00	0.00	2.55
October 2039 .....	0.00	0.00	2.30
November 2039 .....	0.00	0.00	2.06
December 2039 .....	0.00	0.00	1.85
January 2040 .....	0.00	0.00	1.65
February 2040 .....	0.00	0.00	1.46
March 2040 .....	0.00	0.00	1.29
April 2040 .....	0.00	0.00	1.13
May 2040 .....	0.00	0.00	0.99
June 2040 .....	0.00	0.00	0.86
July 2040 .....	0.00	0.00	0.73
August 2040 .....	0.00	0.00	0.62
September 2040 .....	0.00	0.00	0.52
October 2040 .....	0.00	0.00	0.42
November 2040 .....	0.00	0.00	0.33
December 2040 .....	0.00	0.00	0.25
January 2041 .....	0.00	0.00	0.17
February 2041 .....	0.00	0.00	0.10
March 2041 .....	0.00	0.00	0.04
April 2041 and thereafter .....	0.00	0.00	0.00

Underlying Certificates

Trust Asset Group	Issuer	Series	Class	Issue Date	CUSIP Number	Interest Rate	Interest Type(1)	Final Distribution Date	Principal Type(1)	Original or Notional Balance of Class	Underlying Certificate Factor(2)	Principal or Notional Balance in Trust	Percentage of Class in Trust	Ginnie Mae I or II
5	Ginnie Mae	2002-089	C	December 30, 2002	38373YJK1	5.5%	FIX	December 2032	SEQ	\$40,000,000	0.07837436	\$ 2,978,226	95.000000000000%	II
5	Ginnie Mae	2003-006	PG	January 30, 2003	38373YXP4	5.5	FIX	January 2033	PAC	33,506,500	0.16793997	1,679,395	29.8449554564	II
5	Ginnie Mae	2003-010	PZ	February 28, 2003	38373SRP1	5.5	FIX/Z	February 2033	PAC I	16,200,000	0.39505640	4,148,092	64.8148148148	II
5	Ginnie Mae	2003-018	PG(3)	March 28, 2003	38373SN61	5.5	FIX	March 2033	PAC I	26,800,000	0.31171908	5,860,319	70.1492537313	II
5	Ginnie Mae	2003-075	EZ	September 30, 2003	38374CAL5	5.5	FIX/Z	September 2033	SEQ	10,000,000	0.42514086	4,251,409	100.0000000000	II
5	Ginnie Mae	2003-076	TG(3)	September 30, 2003	38374CSN1	5.5	FIX	September 2033	PAC I	37,440,000	0.47512956	8,077,202	45.4059829060	II
5	Ginnie Mae	2003-086	ND(3)	October 30, 2003	38374CS93	5.5	FIX	October 2033	PAC	19,864,000	0.27460024	5,454,659	100.0000000000	II
5	Ginnie Mae	2003-089	QD(3)	October 30, 2003	38374CN72	5.5	FIX	October 2033	PAC	19,850,800	0.29593432	4,998,627	85.0897696818	II
5	Ginnie Mae	2003-095	PC	November 28, 2003	38374EYX6	5.5	FIX	November 2033	PAC	37,597,256	0.25248695	9,492,816	100.0000000000	II
5	Ginnie Mae	2003-099	PC	November 28, 2003	38374EBV8	5.5	FIX	November 2033	PAC	81,440,000	0.18246204	9,123,102	61.3948919450	II
5	Ginnie Mae	2003-100	PH(3)	November 28, 2003	38374ELZ8	5.5	FIX	November 2033	PAC	26,951,000	0.25008257	6,739,970	100.0000000000	II
5	Ginnie Mae	2003-105	Z	November 28, 2003	38374EKP1	5.5	FIX/Z	November 2033	SEQ	35,000,000	0.32196896	8,854,146	78.5714285714	II
5	Ginnie Mae	2003-106	Z	November 28, 2003	38374EJ57	5.5	FIX	November 2033	PAC	25,919,500	0.19691227	5,103,868	100.0000000000	II
5	Ginnie Mae	2004-035	Z	November 28, 2003	38374EHF7	5.5	FIX/Z	November 2033	SEQ	50,680,000	0.25725936	13,037,904	100.0000000000	II
5	Ginnie Mae	2004-059	PM	May 28, 2004	38374GPG1	5.5	FIX	May 2034	PAC	17,972,000	0.32251334	4,941,162	93.8728493701	II
5	Ginnie Mae	2004-072	PN	August 27, 2004	38374HYM6	5.5	FIX	August 2034	PAC I	12,818,000	0.26304050	4,727,364	100.0000000000	II
5	Ginnie Mae	2004-075	PH(3)	September 30, 2004	38374HJ84	5.5	FIX	September 2034	PAC	7,314,000	0.27494576	3,318,045	94.1488531752	II
5	Ginnie Mae	2004-076	NE(3)	September 30, 2004	38374H3Y4	5.5	FIX	September 2034	PAC	20,355,000	0.24931508	1,075,545	58.982727646	II
5	Ginnie Mae	2004-088	PD(3)	September 30, 2004	38374HEZ2	5.5	FIX	September 2034	PAC	20,667,000	0.29064719	5,916,124	100.0000000000	II
5	Ginnie Mae	2004-098	GE	October 29, 2004	38374JF23	5.5	FIX	October 2034	PAC	23,618,000	0.29606198	3,010,062	49.1943678328	II
8	Ginnie Mae	2021-149	IK(3)(4)	November 30, 2021	38374JF34	3.0	FIX	November 2034	PAC	10,987,411	0.25768720	6,086,056	100.0000000000	II
8	Ginnie Mae	2021-150	TI(4)	August 30, 2021	38382XFF0	3.0	FIX/IO	April 2051	NTL(PAC)	3,333,333	0.98108885	1,635,147	15.1688691722	II
8	Ginnie Mae	2021-159	TX(4)	September 30, 2021	38382XL52	3.0	FIX/IO	May 2051	NTL(PAC)	3,269,626	0.98182668	2,160,725	66.0215766022	II
8	Ginnie Mae	2021-209	HI(4)	September 30, 2021	38382XL86	3.0	FIX/IO	September 2051	NTL(PAC)	9,319,768	0.98232938	2,120,514	66.0215877902	II
11	Ginnie Mae	2022-019	DI(4)	November 30, 2021	38383DZP6	3.0	FIX	November 2051	NTL(PT)	321,963	0.99496701	321,963	100.0000000000	II
				January 28, 2022	38383GNK3	3.0	FIX	January 2052	PAC/AD		1.00000000		100.0000000000	II

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

(2) Underlying Certificate Factors are as of February 2022.

(3) MX Class.

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



**\$1,690,971,213**

**Government National  
Mortgage Association**

**GINNIE MAE<sup>®</sup>**

**Guaranteed REMIC  
Pass-Through Securities  
and MX Securities  
Ginnie Mae REMIC Trust 2022-024**

---

***OFFERING CIRCULAR SUPPLEMENT***  
**February 22, 2022**

---

**BofA Securities  
Tribal Capital Markets, LLC**