

\$628,536,483
Government National Mortgage Association
GINNIE MAE®
Guaranteed REMIC Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2021-201

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 Ginnie Mae Certificates.

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1						
JH(1)	\$ 68,047,000	2.50%	TAC/AD	FIX	38383CW89	November 2051
JZ	17,012,154	2.50	SUP	FIX/Z	38383CW97	November 2051
Security Group 2						
GC	75,000,000	1.75	SEQ/AD	FIX	38383CX21	September 2050
GI	39,036,000	3.00	NTL(PT)	FIX/IO	38383CX39	November 2051
GP(1)	32,343,000	2.50	PAC/AD	FIX	38383CX47	September 2050
GZ	4,608,000	2.00	SEQ	FIX/Z	38383CX54	November 2051
ZG(1)	5,157,000	2.50	SUP/AD	FIX/Z	38383CX62	September 2050
Security Group 3						
BH(1)	114,725,000	2.00	SEQ/AD	FIX	38383CX70	February 2051
BI	39,222,078	3.00	NTL(PT)	FIX/IO	38383CX88	November 2051
BZ	2,941,236	2.00	SEQ	FIX/Z	38383CX96	November 2051
Security Group 4						
DA	52,195,000	1.50	PAC I	FIX	38383CY20	November 2051
DK	6,158,000	2.00	PAC II/AD	FIX	38383CY38	November 2051
DL	5,515,868	2.00	SUP/AD	FIX	38383CY46	November 2051
DY(1)	21,290,289	3.00	NTL(PT)	FIX/IO	38383CY53	November 2051
DZ	1,000	2.00	PAC II	FIX/Z	38383CY61	November 2051
ID(1)	8,699,166	3.00	NTL(PAC I)	FIX/IO	38383CY79	November 2051
ZD	1,000	2.00	SUP	FIX/Z	38383CY87	November 2051
Security Group 5						
HG(1)	93,314,000	1.50	SEQ/AD	FIX	38383CY95	July 2051
HI(1)	47,358,059	3.00	NTL(PT)	FIX/IO	38383CZ29	November 2051
HZ(1)	1,402,119	1.50	SEQ	FIX/Z	38383CZ37	November 2051
Security Group 6						
PB	118,591,000	1.00	TAC/AD	FIX	38383CZ45	November 2051
PI	79,060,666	3.00	NTL(TAC/AD)	FIX/IO	38383CZ52	November 2051
Z	31,525,106	3.00	SUP	FIX/Z	38383CZ60	November 2051
Residual						
RR	0	0.00	NPR	NPR	38383CZ78	November 2051

- (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.

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 November 30, 2021.

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.

Wells Fargo Securities

Tribal Capital Markets

The date of this Offering Circular Supplement is November 23, 2021.

AVAILABLE INFORMATION

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

- this Offering Circular Supplement (this “Supplement”) and
- the Base Offering Circular.

The Base Offering Circular is 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.

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

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TERMS SHEET

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

Sponsor: Wells Fargo Bank, N.A.

Co-Sponsor: Tribal Capital Markets, LLC

Trustee: U.S. Bank National Association

Tax Administrator: The Trustee

Closing Date: November 30, 2021

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 December 2021.

Trust Assets:

<u>Trust Asset Group or Subgroup⁽¹⁾</u>	<u>Trust Asset Type</u>	<u>Certificate Rate</u>	<u>Original Term To Maturity (in years)</u>
1	Ginnie Mae II	2.50%	30
2	Ginnie Mae II	3.00%	30
3	Ginnie Mae II	3.00%	30
4A	Ginnie Mae II	3.00%	30
4B	Ginnie Mae I	3.00%	30
5	Ginnie Mae II	3.00%	30
6	Ginnie Mae II	3.00%	30

⁽¹⁾ The Group 4 Trust Assets consist of the enumerated subgroups (each, a “Subgroup”).

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

Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets⁽¹⁾:

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
Group 1 Trust Assets			
\$85,059,154 ⁽³⁾	358	1	2.907%
Group 2 Trust Assets			
\$ 1,023,879	358	2	3.475%
1,537,742	358	2	3.315%
4,302,889	358	2	3.633%
3,251,839	350	2	3.323%

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
\$ 8,473,885	358	2	3.443%
7,853,660	359	1	3.404%
2,404,478	358	2	3.313%
4,868,739	355	2	3.475%
32,172,433	359	1	3.394%
1,135,720	359	1	3.250%
2,902,039	359	1	3.587%
3,168,088	354	1	3.406%
2,140,675	352	0	3.376%
1,505,923	360	0	3.410%
5,314,862	360	0	3.368%
15,197,939	359	0	3.405%
19,853,210	360	0	3.402%
<u>\$117,108,000</u>			
Group 3 Trust Assets			
\$117,666,236	348	5	3.376%
Subgroup 4A Trust Assets			
\$ 9,212,506	353	4	3.250%
999,293	344	4	3.276%
1,761,749	357	2	3.285%
1,459,103	345	4	3.331%
2,057,930	348	3	3.356%
1,923,846	350	3	3.375%
5,399,866	329	5	3.385%
1,642,805	339	3	3.385%
1,526,635	334	4	3.393%
6,781,971	340	6	3.428%
2,415,990	349	3	3.447%
2,070,537	345	5	3.473%
<u>\$ 37,252,231</u>			
Subgroup 4B Trust Assets			
\$ 13,203,799	356	2	3.500%
13,414,838	350	4	3.500%
<u>\$ 26,618,637</u>			
Group 5 Trust Assets			
\$ 28,647,266	237	111	3.504%
29,796,447	239	108	3.370%
36,272,406	240	107	3.331%
<u>\$ 94,716,119</u>			
Group 6 Trust Assets			
\$150,116,106	330	27	3.525%

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- (1) As of November 1, 2021.
 - (2) The Mortgage Loans underlying the Group 1, 2, 3, 5 and 6 and Subgroup 4A Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.
 - (3) More than 10% of the Mortgage Loans underlying the Group 1 Trust Assets may be higher balance Mortgage Loans. *See “Risk Factors” in this Supplement.*

The actual remaining terms to maturity, loan ages and, in the case of the Group 1, 2, 3, 5 and 6 and Subgroup 4A Trust Assets, Mortgage Rates of many of the Mortgage Loans underlying the Trust Assets will differ from the weighted averages shown above, perhaps significantly. *See “The Trust Assets — The Mortgage Loans” in this Supplement.*

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 are shown on the front cover of this Supplement or on Schedule I to this Supplement.

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 and the JZ Accrual Amount will be allocated in the following order of priority:

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

SECURITY GROUP 2

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

- The ZG Accrual Amount in the following order of priority:
 1. To GP, until reduced to its Scheduled Principal Balance for that Distribution Date
 2. To ZG, until retired

- The Group 2 Principal Distribution Amount and the GZ Accrual Amount in the following order of priority:

1. Concurrently:

- a. 66.666666667% to GC, until retired

- b. 33.333333333% in the following order of priority:

- i. To GP, until reduced to its Scheduled Principal Balance for that Distribution Date

- ii. To ZG, until retired

- iii. To GP, without regard to its Scheduled Principal Balance, until retired

2. To GZ, until retired

SECURITY GROUP 3

The Group 3 Principal Distribution Amount and the BZ Accrual Amount will be allocated, sequentially, to BH and BZ, in that order, until retired

SECURITY GROUP 4

The Group 4 Principal Distribution Amount, the DZ Accrual Amount and the ZD Accrual Amount will be allocated as follows:

- The DZ Accrual Amount, sequentially, to DK and DZ, in that order, until retired
- The ZD Accrual Amount, sequentially, to DL and ZD, in that order, until retired
- The Group 4 Principal Distribution Amount in the following order of priority:
 1. To DA, until reduced to its Scheduled Principal Balance for that Distribution Date
 2. Sequentially, to DK and DZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
 3. Sequentially, to DL and ZD, in that order, until retired
 4. Sequentially, to DK and DZ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired
 5. To DA, without regard to its Scheduled Principal Balance, until retired

SECURITY GROUP 5

The Group 5 Principal Distribution Amount and the HZ Accrual Amount will be allocated, sequentially, to HG and HZ, in that order, until retired

SECURITY GROUP 6

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

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

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

<u>Security Group</u>		<u>Structuring Ranges or Rates</u>
	PAC Class	
2	GP	300% PSA through 450% PSA
	PAC I Class	
4	DA	145% PSA through 260% PSA
	PAC II Classes	
4	DK and DZ (in the aggregate)	200% PSA through 260% PSA
	TAC Classes	
1	JH	215% PSA
6	PB	290% 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 balance of the related Trust Asset Group indicated:

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
Security Group 1		
JH	\$40,828,200	60% of JH (TAC/AD Class)
Security Group 2		
GI	\$39,036,000	33.333333333% of the Group 2 Trust Assets
IG	\$10,781,000	33.333333333% of GP (PAC/AD Class)
	1,719,000	33.333333333% of ZG (SUP/AD Class)
	<u>\$12,500,000</u>	
Security Group 3		
BI	\$39,222,078	33.333333333% of the Group 3 Trust Assets
IB	38,241,666	33.333333333% of BH (SEQ/AD Class)

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
Security Group 4		
DI	\$ 8,699,166	16.666666667% of DA (PAC I Class)
	21,290,289	33.333333333% of the Group 4 Trust Assets
	<u>\$29,989,455</u>	
DY	\$21,290,289	33.333333333% of the Group 4 Trust Assets
ID	8,699,166	16.666666667% of DA (PAC I Class)
Security Group 5		
HI	\$47,358,059	50% of the Group 5 Trust Assets
IH	63,144,079	66.666666667% of the Group 5 Trust Assets
Security Group 6		
PI	\$79,060,666	66.666666667% of PB (TAC/AD Class)

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

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

RISK FACTORS

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

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

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

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

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

A catastrophic weather event, 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.

An investment in the securities is subject to significant reinvestment risk. The rate of principal payments on your securities is uncertain. You may be unable to reinvest the payments on your securities at the same returns provided by the securities. Lower prevailing interest rates may result in an unexpected return of principal. In that interest rate climate, higher yielding reinvestment opportunities may be limited. Conversely, higher prevailing interest rates may result in slower returns of principal, and you

may not be able to take advantage of higher yielding investment opportunities. The final payment on your security may occur much earlier than the final distribution date.

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

Up to 10% of the mortgage loans underlying the group 2 through 6 trust assets and up to 100% of the mortgage loans underlying the group 1 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.

The securities may not be a suitable investment for you. The securities, in particular, the

support, interest only, accrual and residual classes, are not suitable investments for all investors.

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

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

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

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

consider the after-tax effect of ownership of a residual security and the suitability of the residual securities to your investment objectives. See *“Certain United States Federal Income Tax Consequences” in this supplement and in the base offering circular.*

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

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

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

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

THE TRUST ASSETS

General

The Sponsor intends to acquire the Trust Assets in privately negotiated transactions on or 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 will evidence, directly or indirectly, Ginnie Mae Certificates.

The Trust MBS

The Subgroup 4B Trust Assets are either:

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

Each Mortgage Loan underlying a Ginnie Mae I MBS Certificate bears interest at a Mortgage Rate 0.50% per annum greater than the related Certificate Rate. The difference between the Mortgage Rate and the Certificate Rate is used to pay the related servicers of the Mortgage Loans a monthly servicing fee and

Ginnie Mae a fee for its guaranty of the Ginnie Mae I MBS Certificate of 0.44% per annum and 0.06% per annum, respectively, of the outstanding principal balance of the Mortgage Loan.

The Group 1, 2, 3, 5, and 6 and Subgroup 4A Trust Assets are either:

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

Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued prior to July 1, 2003 bears interest at a Mortgage Rate 0.50% to 1.50% per annum greater than the related Certificate Rate. Each Mortgage Loan underlying a Ginnie Mae II MBS Certificate issued on or after July 1, 2003 bears interest at a Mortgage Rate 0.25% to 0.75% per annum greater than the related Certificate Rate. Ginnie Mae receives a fee (the “Ginnie Mae Certificate Guaranty Fee”) for its guaranty of each Ginnie Mae II MBS Certificate of 0.06% per annum of the outstanding principal balance of each related Mortgage Loan. The difference between (a) the Mortgage Rate and (b) the sum of the Certificate Rate and the rate of the Ginnie Mae Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

The Mortgage Loans

The Mortgage Loans underlying the 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 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, in the case of the Group 1, 2, 3, 5 and 6 and Subgroup 4A Trust Assets, Mortgage Rates of the Mortgage Loans underlying the Trust MBS. However, the actual remaining terms to maturity, loan ages and, in the case of the Group 1, 2, 3, 5 and 6 and Subgroup 4A Trust Assets, Mortgage Rates of many of the Mortgage Loans will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Mortgage Loans are the same as the assumed characteristics. Small differences in the characteristics of the Mortgage Loans can have a significant effect on the Weighted Average Lives and yields of the Securities. See *“Risk Factors” and “Yield, Maturity and Prepayment Considerations” in this Supplement*.

The Trustee Fee

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

GINNIE MAE GUARANTY

The Government National Mortgage Association (“Ginnie Mae”), a wholly-owned corporate instrumentality of the United States of America within HUD, guarantees the timely payment of principal and interest on the Securities. The General Counsel of HUD has provided an opinion to the effect that

Ginnie Mae has the authority to guarantee multiclass securities and that Ginnie Mae guaranties will constitute general obligations of the United States, for which the full faith and credit of the United States is pledged. See *“Ginnie Mae Guaranty” in the Base Offering Circular*.

DESCRIPTION OF THE SECURITIES

General

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

Form of Securities

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

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

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

Distributions

Distributions on the Securities will be made on each Distribution Date as specified under “Terms Sheet—Distribution 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 Period

The Accrual Period for each Regular and MX Class is the calendar month preceding the related 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.

Accrual Classes

Each of Classes BZ, DZ, GZ, HZ, JZ, Z, ZD and ZG is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under “Terms Sheet — Accrual Classes” in this Supplement.

Principal Distributions

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

Categories of Classes

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

Notional Classes

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

Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Issuing REMIC and the beneficial ownership of the Residual Interest in the Pooling REMIC, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. The Class RR

Securities have no Class Principal Balance and do not accrue interest. The Class RR Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMICs after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

Class Factors

The Trustee will calculate and make available for each Class of Securities, no later than the day preceding the 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.

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

Termination

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

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

Modification and Exchange

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 1, 2, 3 and 5 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, 3 and 5, 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 USBGNMTeam@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 2021-201. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

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

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

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

YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

General

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

- The Mortgage Loans do not contain “due-on-sale” provisions, and any Mortgage Loan may be prepaid in full or in part at any time without penalty.

- The rate of payments (including prepayments and payments in respect of liquidations) on the Mortgage Loans is dependent on a variety of economic, geographic, social and other factors, including prevailing market interest rates and general economic factors.

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

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

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

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

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

Accretion Directed Classes

Classes BH, DK, DL, GC, GP, HG, JH, PB and ZG are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement. Class PI is a Notional Class whose Class Notional Balance is determined by reference to the Class Principal Balance of Class PB.

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 and TAC Class will receive principal payments in accordance with a schedule calculated on the basis of, among other things, a Structuring Range or Rate. 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 and TAC Class exhibits an Effective Range or Rate of constant prepayment rates at which such Class will receive Scheduled Payments. That range or rate may differ from the Structuring Range or Rate used to create the related principal balance schedule. Based on the Modeling Assumptions, the *initial* Effective Ranges or Rates for the PAC and TAC Classes are as follows:

<u>Security Group</u>		<u>Initial Effective Ranges or Rates</u>
	PAC Class	
2	GP	300% PSA through 450% PSA
	PAC I Class	
4	DA	145% PSA through 260% PSA
	PAC II Classes	
4	DK and DZ (in the aggregate)	200% PSA through 260% PSA
	TAC Classes	
1	JH	215% PSA
6	PB	290% PSA

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

If all of the Classes supporting a given Class are retired before the Class being supported is retired, the outstanding Class will no longer have an Effective Range or Rate 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 or Rates. If the initial Effective Ranges or Rates were calculated using the actual characteristics of the related Mortgage Loans, the initial Effective Ranges or Rates could differ from those shown in the above table or an initial Effective Rate might not exist. Therefore, even if the Mortgage Loans were to prepay at a constant rate within the initial Effective Range or at the initial Effective Rate shown for any Class in the above table, that Class could fail to receive Scheduled Payments.

Moreover, the related Mortgage Loans will not prepay at any *constant* rate. Non-constant prepayment rates can cause any PAC or TAC Class not to receive Scheduled Payments, even if prepayment rates remain within the initial Effective Range (or if prepayment rates average the Effective Rate) for that Class. Further, the Effective Range for any PAC Class can narrow, shift over time or cease to exist, and the Effective Rate for any TAC Class can change 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 or Rate for any PAC or TAC Class, the amount available to pay principal on the Securities may be insufficient to produce Scheduled Payments on such related PAC or TAC 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 or Rate for any PAC or TAC Class, its supporting Class or Classes may be retired earlier than that PAC or TAC 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 following assumptions (the “Modeling Assumptions”), among others:

1. The Mortgage Loans underlying the Trust Assets have the assumed characteristics shown under “Assumed Characteristics of the Mortgage Loans Underlying the 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 is assumed to have an original and a remaining term to maturity of 360 months and each Mortgage Loan underlying a Group 1, 2, 3, 5 or 6 or Subgroup 4A Trust Asset is assumed to have a Mortgage Rate of 1.50% per annum higher than the related Certificate Rate.

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

3. Distributions on the Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in December 2021.

4. A termination of the Trust does not occur.

5. The Closing Date for the Securities is November 30, 2021.

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. 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										
Distribution Date	Classes JA, JB, JC, JD, JE, JG, JH and JI					Class JZ				
	0%	100%	215%	350%	500%	0%	100%	215%	350%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2022	97	95	93	93	93	103	103	103	93	81
November 2023	94	87	80	80	80	105	105	105	72	37
November 2024	91	77	64	64	61	108	108	108	50	0
November 2025	88	68	49	49	42	111	111	111	37	0
November 2026	85	59	37	37	29	113	113	113	33	0
November 2027	81	51	26	26	19	116	116	116	33	0
November 2028	78	43	17	18	13	119	119	119	34	0
November 2029	74	36	9	12	9	122	122	122	35	0
November 2030	70	29	2	7	6	125	125	125	36	0
November 2031	66	22	0	3	4	128	128	111	36	0
November 2032	62	16	0	0	3	132	132	93	36	0
November 2033	58	11	0	0	2	135	135	78	27	0
November 2034	54	5	0	0	1	138	138	65	21	0
November 2035	49	0	0	0	1	142	142	54	15	0
November 2036	44	0	0	0	1	145	128	45	12	0
November 2037	39	0	0	0	0	149	114	37	9	0
November 2038	34	0	0	0	0	153	101	30	6	0
November 2039	29	0	0	0	0	157	88	25	5	0
November 2040	23	0	0	0	0	161	77	20	3	0
November 2041	18	0	0	0	0	165	67	16	3	0
November 2042	12	0	0	0	0	169	57	13	2	0
November 2043	6	0	0	0	0	173	48	10	1	0
November 2044	0	0	0	0	0	175	40	8	1	0
November 2045	0	0	0	0	0	153	33	6	1	0
November 2046	0	0	0	0	0	130	26	4	0	0
November 2047	0	0	0	0	0	106	20	3	0	0
November 2048	0	0	0	0	0	81	14	2	0	0
November 2049	0	0	0	0	0	55	8	1	0	0
November 2050	0	0	0	0	0	28	4	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.1	6.5	4.3	4.4	4.2	26.6	20.3	14.4	6.6	1.7

Security Group 2 PSA Prepayment Assumption Rates															
Distribution Date	Classes GA, GB, GC, GD, GE and IG					Class GI					Class GP				
	0%	300%	350%	450%	700%	0%	300%	350%	450%	700%	0%	300%	350%	450%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2022	98	93	93	91	87	98	94	93	92	88	98	92	92	92	92
November 2023	96	80	78	73	61	97	81	79	74	63	95	76	76	76	71
November 2024	94	64	59	51	33	95	65	61	53	36	92	57	57	57	39
November 2025	92	50	45	35	17	93	52	47	38	21	90	41	41	41	20
November 2026	90	39	33	24	8	91	42	36	27	12	87	27	27	27	9
November 2027	88	30	25	15	2	89	34	28	19	7	84	18	18	18	3
November 2028	86	23	18	10	0	87	27	22	14	4	81	11	11	11	0
November 2029	83	17	12	5	0	85	21	17	10	2	77	6	6	6	0
November 2030	81	13	8	2	0	83	17	13	7	1	74	3	3	3	0
November 2031	78	9	5	0	0	80	13	10	5	1	70	0	0	0	0
November 2032	76	6	3	0	0	78	11	7	3	0	67	0	0	0	0
November 2033	73	3	1	0	0	75	8	6	2	0	63	0	0	0	0
November 2034	70	2	0	0	0	72	7	4	2	0	59	0	0	0	0
November 2035	67	0	0	0	0	69	5	3	1	0	55	0	0	0	0
November 2036	63	0	0	0	0	66	4	2	1	0	50	0	0	0	0
November 2037	60	0	0	0	0	63	3	2	1	0	46	0	0	0	0
November 2038	56	0	0	0	0	60	2	1	0	0	41	0	0	0	0
November 2039	53	0	0	0	0	56	2	1	0	0	36	0	0	0	0
November 2040	49	0	0	0	0	53	1	1	0	0	31	0	0	0	0
November 2041	45	0	0	0	0	49	1	1	0	0	26	0	0	0	0
November 2042	41	0	0	0	0	45	1	0	0	0	20	0	0	0	0
November 2043	36	0	0	0	0	41	1	0	0	0	14	0	0	0	0
November 2044	31	0	0	0	0	36	0	0	0	0	8	0	0	0	0
November 2045	27	0	0	0	0	32	0	0	0	0	2	0	0	0	0
November 2046	22	0	0	0	0	27	0	0	0	0	0	0	0	0	0
November 2047	16	0	0	0	0	22	0	0	0	0	0	0	0	0	0
November 2048	11	0	0	0	0	17	0	0	0	0	0	0	0	0	0
November 2049	5	0	0	0	0	12	0	0	0	0	0	0	0	0	0
November 2050	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	17.4	4.8	4.3	3.6	2.6	18.3	5.4	4.9	4.0	2.8	14.2	3.8	3.8	3.8	2.8

**Security Group 2
PSA Prepayment Assumption Rates**

Distribution Date	Class GZ					Class ZG				
	0%	300%	350%	450%	700%	0%	300%	350%	450%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2022	102	102	102	102	102	103	103	97	86	58
November 2023	104	104	104	104	104	105	105	87	51	0
November 2024	106	106	106	106	106	108	108	76	16	0
November 2025	108	108	108	108	108	111	111	72	2	0
November 2026	111	111	111	111	111	113	112	71	0	0
November 2027	113	113	113	113	113	116	108	66	0	0
November 2028	115	115	115	115	94	119	99	60	0	0
November 2029	117	117	117	117	53	122	88	52	0	0
November 2030	120	120	120	120	30	125	76	44	0	0
November 2031	122	122	122	122	17	128	65	37	0	0
November 2032	125	125	125	87	9	132	43	19	0	0
November 2033	127	127	127	61	5	135	25	4	0	0
November 2034	130	130	108	43	3	138	11	0	0	0
November 2035	132	131	81	30	2	142	0	0	0	0
November 2036	135	102	61	21	1	145	0	0	0	0
November 2037	138	79	46	14	0	149	0	0	0	0
November 2038	140	61	34	10	0	153	0	0	0	0
November 2039	143	47	25	7	0	157	0	0	0	0
November 2040	146	36	18	5	0	161	0	0	0	0
November 2041	149	27	13	3	0	165	0	0	0	0
November 2042	152	20	10	2	0	169	0	0	0	0
November 2043	155	15	7	1	0	173	0	0	0	0
November 2044	158	11	5	1	0	178	0	0	0	0
November 2045	162	8	3	1	0	182	0	0	0	0
November 2046	165	5	2	0	0	157	0	0	0	0
November 2047	168	4	1	0	0	118	0	0	0	0
November 2048	172	2	1	0	0	78	0	0	0	0
November 2049	175	1	0	0	0	36	0	0	0	0
November 2050	151	0	0	0	0	0	0	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0
Weighted Average										
Life (years)	29.4	17.7	15.8	12.8	8.4	26.6	10.1	7.3	2.1	1.1

**Security Group 3
PSA Prepayment Assumption Rates**

Distribution Date	Classes BA, BC, BD, BE, BH and IB					Class BI					Class BZ				
	0%	150%	300%	450%	600%	0%	150%	300%	450%	600%	0%	150%	300%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2022	98	94	91	87	84	98	95	91	88	84	102	102	102	102	102
November 2023	97	85	76	67	58	97	86	77	68	59	104	104	104	104	104
November 2024	95	76	60	47	35	95	76	61	48	37	106	106	106	106	106
November 2025	93	67	48	32	21	93	68	49	34	23	108	108	108	108	108
November 2026	91	59	37	22	12	91	60	39	24	14	111	111	111	111	111
November 2027	89	52	29	15	6	89	53	31	17	9	113	113	113	113	113
November 2028	86	45	23	10	3	87	47	25	12	6	115	115	115	115	115
November 2029	84	39	17	6	1	85	41	20	9	3	117	117	117	117	117
November 2030	82	34	13	3	0	83	36	16	6	2	120	120	120	120	85
November 2031	79	30	10	1	0	80	32	12	4	1	122	122	122	122	53
November 2032	76	26	7	0	0	78	28	10	3	1	125	125	125	121	32
November 2033	74	22	5	0	0	75	24	8	2	0	127	127	127	85	20
November 2034	71	18	3	0	0	72	21	6	1	0	130	130	130	59	12
November 2035	68	15	1	0	0	69	18	5	1	0	132	132	132	41	7
November 2036	64	13	0	0	0	66	16	4	1	0	135	135	135	28	5
November 2037	61	10	0	0	0	63	14	3	0	0	138	138	113	20	3
November 2038	58	8	0	0	0	60	12	2	0	0	140	140	87	13	2
November 2039	54	6	0	0	0	56	10	2	0	0	143	143	66	9	1
November 2040	50	5	0	0	0	53	8	1	0	0	146	146	50	6	1
November 2041	46	3	0	0	0	49	7	1	0	0	149	149	38	4	0
November 2042	42	2	0	0	0	45	6	1	0	0	152	152	28	3	0
November 2043	38	1	0	0	0	41	5	1	0	0	155	155	20	2	0
November 2044	33	0	0	0	0	36	4	0	0	0	158	145	15	1	0
November 2045	29	0	0	0	0	32	3	0	0	0	162	112	10	1	0
November 2046	24	0	0	0	0	27	2	0	0	0	165	83	7	0	0
November 2047	18	0	0	0	0	22	1	0	0	0	168	58	4	0	0
November 2048	13	0	0	0	0	17	1	0	0	0	172	36	2	0	0
November 2049	7	0	0	0	0	12	0	0	0	0	175	16	1	0	0
November 2050	2	0	0	0	0	6	0	0	0	0	179	0	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	17.7	7.6	4.7	3.4	2.7	18.3	8.3	5.2	3.7	2.9	29.6	25.4	18.8	13.7	10.4

Security Group 4 PSA Prepayment Assumption Rates																				
Distribution Date	Classes DA and ID					Class DI					Class DK					Class DL				
	0%	145%	230%	260%	500%	0%	145%	230%	260%	500%	0%	145%	230%	260%	500%	0%	145%	230%	260%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2022	98	94	94	94	94	98	95	93	93	90	100	100	89	89	89	100	100	93	86	30
November 2023	96	84	84	84	82	96	86	83	81	71	100	100	66	66	0	100	100	80	59	0
November 2024	93	73	73	73	56	94	76	70	68	49	100	100	42	42	0	100	100	66	33	0
November 2025	91	62	62	62	38	92	67	59	57	33	100	100	24	24	0	100	100	57	15	0
November 2026	88	53	53	53	26	90	59	50	47	23	100	100	12	12	0	100	100	51	5	0
November 2027	86	44	44	44	18	88	52	42	39	15	100	100	4	4	0	100	100	48	1	0
November 2028	83	37	37	37	12	85	45	35	32	11	100	100	0	0	0	100	100	47	0	0
November 2029	80	30	30	30	8	83	39	29	26	7	100	99	0	0	0	100	100	46	0	0
November 2030	77	25	25	25	6	80	34	24	21	5	100	94	0	0	0	100	100	43	0	0
November 2031	74	20	20	20	4	78	29	20	17	3	100	86	0	0	0	100	100	40	0	0
November 2032	71	16	16	16	3	75	25	16	14	2	100	76	0	0	0	100	100	36	0	0
November 2033	68	13	13	13	2	72	22	13	11	1	100	64	0	0	0	100	100	33	0	0
November 2034	64	11	11	11	1	69	19	11	9	1	100	52	0	0	0	100	100	29	0	0
November 2035	61	9	9	9	1	66	16	9	7	1	100	39	0	0	0	100	100	26	0	0
November 2036	57	7	7	7	1	63	14	7	6	0	100	27	0	0	0	100	100	22	0	0
November 2037	53	5	5	5	0	59	12	6	5	0	100	14	0	0	0	100	100	19	0	0
November 2038	49	4	4	4	0	56	10	5	4	0	100	2	0	0	0	100	100	16	0	0
November 2039	45	3	3	3	0	52	8	4	3	0	100	0	0	0	0	100	90	14	0	0
November 2040	40	3	3	3	0	48	7	3	2	0	100	0	0	0	0	100	78	12	0	0
November 2041	36	2	2	2	0	44	6	2	2	0	100	0	0	0	0	100	67	10	0	0
November 2042	31	2	2	2	0	40	5	2	1	0	100	0	0	0	0	100	56	8	0	0
November 2043	26	1	1	1	0	36	4	1	1	0	100	0	0	0	0	100	46	6	0	0
November 2044	21	1	1	1	0	31	3	1	1	0	100	0	0	0	0	100	38	5	0	0
November 2045	15	1	1	1	0	26	2	1	1	0	100	0	0	0	0	100	30	4	0	0
November 2046	10	0	0	0	0	21	2	1	0	0	100	0	0	0	0	100	22	3	0	0
November 2047	4	0	0	0	0	16	1	0	0	0	100	0	0	0	0	100	16	2	0	0
November 2048	0	0	0	0	0	12	1	0	0	0	78	0	0	0	0	100	10	1	0	0
November 2049	0	0	0	0	0	8	0	0	0	0	25	0	0	0	0	100	5	1	0	0
November 2050	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	65	1	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	15.7	6.5	6.5	6.5	4.0	17.3	7.9	6.4	6.0	3.6	27.5	13.1	2.9	2.9	1.5	29.2	22.1	8.7	2.5	0.8

PSA Prepayment Assumption Rates															
Distribution Date	Class DY					Class DZ					Class ZD				
	0%	145%	230%	260%	500%	0%	145%	230%	260%	500%	0%	145%	230%	260%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2022	98	95	93	93	88	102	102	102	102	102	102	102	102	102	102
November 2023	96	87	82	80	67	104	104	104	104	0	104	104	104	104	0
November 2024	95	78	69	66	46	106	106	106	106	0	106	106	106	106	0
November 2025	93	69	58	55	31	108	108	108	108	0	108	108	108	108	0
November 2026	91	61	49	45	21	111	111	111	111	0	111	111	111	111	0
November 2027	88	55	41	37	15	113	113	113	113	0	113	113	113	113	0
November 2028	86	48	34	30	10	115	115	115	115	0	115	115	115	115	0
November 2029	84	43	29	25	7	117	117	117	117	0	117	117	117	117	0
November 2030	81	38	24	20	5	120	120	120	120	0	120	120	120	120	0
November 2031	79	33	20	16	3	122	122	122	122	0	122	122	122	122	0
November 2032	76	29	16	13	2	125	125	125	125	0	125	125	125	125	0
November 2033	74	26	14	11	1	127	127	127	127	0	127	127	127	127	0
November 2034	71	22	11	9	1	130	130	130	130	0	130	130	130	130	0
November 2035	68	19	9	7	1	132	132	132	132	0	132	132	132	132	0
November 2036	65	17	8	6	0	135	135	135	135	0	135	135	135	135	0
November 2037	62	14	6	4	0	138	138	138	138	0	138	138	138	138	0
November 2038	58	12	5	4	0	140	140	140	140	0	140	140	140	140	0
November 2039	55	11	4	3	0	143	143	143	143	0	143	143	143	143	0
November 2040	51	9	3	2	0	146	146	146	146	0	146	146	146	146	0
November 2041	47	7	2	2	0	149	149	149	149	0	149	149	149	149	0
November 2042	44	6	2	1	0	152	152	152	152	0	152	152	152	152	0
November 2043	39	5	1	1	0	155	155	155	155	0	155	155	155	155	0
November 2044	35	4	1	1	0	158	158	158	158	0	158	158	158	158	0
November 2045	31	3	1	0	0	162	162	162	162	0	162	162	162	162	0
November 2046	26	2	1	0	0	165	165	165	165	0	165	165	165	165	0
November 2047	21	2	0	0	0	168	168	168	168	0	168	168	168	168	0
November 2048	16	1	0	0	0	172	172	172	172	0	172	172	172	172	0
November 2049	11	0	0	0	0	175	175	175	175	0	175	175	175	175	0
November 2050	6	0	0	0	0	179	179	179	179	0	179	179	179	179	0
November 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	18.0	8.5	6.3	5.8	3.5	29.3	29.3	29.3	29.3	1.9	30.0	29.7	29.6	29.6	1.3

**Security Group 5
PSA Prepayment Assumption Rates**

Distribution Date	Classes HA, HB, HC, HD, HE, HI and IH					Class HG					Class HZ				
	0%	100%	250%	400%	500%	0%	100%	250%	400%	500%	0%	100%	250%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2022	98	91	82	73	67	98	90	82	73	67	102	102	102	102	102
November 2023	97	82	67	54	45	97	82	66	53	45	103	103	103	103	103
November 2024	95	74	55	39	30	95	73	54	38	29	105	105	105	105	105
November 2025	93	66	44	28	20	93	66	43	27	19	106	106	106	106	106
November 2026	91	59	36	20	14	91	59	35	19	12	108	108	108	108	108
November 2027	89	53	29	15	9	89	52	28	13	8	109	109	109	109	109
November 2028	87	47	23	11	6	87	46	22	9	4	111	111	111	111	111
November 2029	85	41	18	8	4	84	40	17	6	2	113	113	113	113	113
November 2030	83	36	15	5	3	82	35	13	4	1	114	114	114	114	114
November 2031	80	31	11	4	2	80	30	10	2	0	116	116	116	116	111
November 2032	78	27	9	3	1	77	26	7	1	0	118	118	118	118	71
November 2033	75	23	7	2	1	74	21	5	0	0	120	120	120	120	45
November 2034	72	19	5	1	0	71	17	3	0	0	122	122	122	81	28
November 2035	69	16	4	1	0	68	14	2	0	0	123	123	123	54	17
November 2036	66	12	3	1	0	65	11	1	0	0	125	125	125	34	10
November 2037	63	9	2	0	0	62	8	0	0	0	127	127	127	21	6
November 2038	60	7	1	0	0	59	5	0	0	0	129	129	81	12	3
November 2039	56	4	1	0	0	55	2	0	0	0	131	131	46	6	1
November 2040	53	2	0	0	0	51	0	0	0	0	133	127	19	2	0
November 2041	49	0	0	0	0	48	0	0	0	0	135	0	0	0	0
November 2042	45	0	0	0	0	44	0	0	0	0	137	0	0	0	0
November 2043	41	0	0	0	0	39	0	0	0	0	139	0	0	0	0
November 2044	36	0	0	0	0	35	0	0	0	0	141	0	0	0	0
November 2045	32	0	0	0	0	30	0	0	0	0	143	0	0	0	0
November 2046	27	0	0	0	0	25	0	0	0	0	145	0	0	0	0
November 2047	22	0	0	0	0	20	0	0	0	0	148	0	0	0	0
November 2048	17	0	0	0	0	15	0	0	0	0	150	0	0	0	0
November 2049	12	0	0	0	0	9	0	0	0	0	152	0	0	0	0
November 2050	6	0	0	0	0	4	0	0	0	0	154	0	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	18.3	7.5	4.6	3.1	2.5	18.0	7.3	4.4	2.9	2.4	29.8	19.4	17.6	14.2	12.0

**Security Group 6
PSA Prepayment Assumption Rates**

Distribution Date	Classes PB and PI					Class Z				
	0%	150%	290%	450%	600%	0%	150%	290%	450%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2022	97	85	75	75	75	103	103	103	59	17
November 2023	94	72	54	54	50	106	106	106	38	0
November 2024	91	60	38	38	31	109	109	109	32	0
November 2025	88	49	24	24	19	113	113	113	33	0
November 2026	85	39	12	14	12	116	116	116	34	0
November 2027	81	30	3	7	7	120	120	120	35	0
November 2028	77	21	0	2	5	123	123	104	36	0
November 2029	74	14	0	0	3	127	127	83	31	0
November 2030	70	7	0	0	2	131	131	66	22	0
November 2031	66	1	0	0	1	135	135	52	15	0
November 2032	61	0	0	0	1	139	120	41	11	0
November 2033	57	0	0	0	0	143	104	33	7	0
November 2034	52	0	0	0	0	148	90	26	5	0
November 2035	47	0	0	0	0	152	78	20	4	0
November 2036	42	0	0	0	0	157	66	16	2	0
November 2037	37	0	0	0	0	162	57	12	2	0
November 2038	31	0	0	0	0	166	48	9	1	0
November 2039	26	0	0	0	0	171	40	7	1	0
November 2040	20	0	0	0	0	177	33	5	1	0
November 2041	13	0	0	0	0	182	27	4	0	0
November 2042	7	0	0	0	0	188	22	3	0	0
November 2043	0	0	0	0	0	193	17	2	0	0
November 2044	0	0	0	0	0	174	13	1	0	0
November 2045	0	0	0	0	0	152	9	1	0	0
November 2046	0	0	0	0	0	129	6	1	0	0
November 2047	0	0	0	0	0	106	3	0	0	0
November 2048	0	0	0	0	0	81	1	0	0	0
November 2049	0	0	0	0	0	55	0	0	0	0
November 2050	0	0	0	0	0	28	0	0	0	0
November 2051	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.7	4.3	2.5	2.6	2.6	26.3	15.9	10.5	4.2	0.6

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 and
- the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios.

No representation is made regarding Mortgage Loan prepayment rates 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.

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.

The Mortgage Loans will not prepay at any constant rate until maturity. 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 assumption that 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 JI to Prepayments Assumed Price 9.25%*

PSA Prepayment Assumption Rates				
<u>100%</u>	<u>215%</u>	<u>350%</u>	<u>500%</u>	<u>573%</u>
15.2%	4.7%	5.5%	3.5%	0.0%

SECURITY GROUP 2

Sensitivity of Class GI to Prepayments Assumed Price 11.265625%*

PSA Prepayment Assumption Rates				
<u>300%</u>	<u>350%</u>	<u>450%</u>	<u>480%</u>	<u>700%</u>
9.6%	7.0%	1.7%	0.0%	(12.1)%

Sensitivity of Class IG to Prepayments Assumed Price 10.40625%*

PSA Prepayment Assumption Rates				
<u>300%</u>	<u>350%</u>	<u>450%</u>	<u>459%</u>	<u>700%</u>
10.1%	7.0%	0.6%	0.0%	(15.6)%

SECURITY GROUP 3

Sensitivity of Class BI to Prepayments Assumed Price 15.75%*

PSA Prepayment Assumption Rates				
<u>150%</u>	<u>288%</u>	<u>300%</u>	<u>450%</u>	<u>600%</u>
8.0%	0.0%	(0.7)%	(9.7)%	(19.2)%

Sensitivity of Class IB to Prepayments Assumed Price 11.044801894584891%*

PSA Prepayment Assumption Rates				
<u>150%</u>	<u>300%</u>	<u>402%</u>	<u>450%</u>	<u>600%</u>
16.5%	7.0%	0.0%	(3.4)%	(14.4)%

SECURITY GROUP 4

Sensitivity of Class DI to Prepayments Assumed Price 16.5324%*

PSA Prepayment Assumption Rates				
<u>145%</u>	<u>230%</u>	<u>260%</u>	<u>290%</u>	<u>500%</u>
6.4%	2.8%	1.6%	0.0%	(12.2)%

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

Sensitivity of Class DY to Prepayments
Assumed Price 16.75%*

PSA Prepayment Assumption Rates				
<u>145%</u>	<u>230%</u>	<u>260%</u>	<u>271%</u>	<u>500%</u>
7.2%	2.4%	0.7%	0.0%	(13.6)%

Sensitivity of Class ID to Prepayments
Assumed Price 16.0%*

PSA Prepayment Assumption Rates				
<u>145%</u>	<u>230%</u>	<u>260%</u>	<u>344%</u>	<u>500%</u>
4.0%	4.0%	4.0%	0.0%	(8.7)%

SECURITY GROUP 5

Sensitivity of Class HI to Prepayments
Assumed Price 10.875%*

PSA Prepayment Assumption Rates				
<u>100%</u>	<u>250%</u>	<u>333%</u>	<u>400%</u>	<u>500%</u>
16.5%	6.1%	0.1%	(5.0)%	(12.7)%

Sensitivity of Class IH to Prepayments
Assumed Price 10.8125%*

PSA Prepayment Assumption Rates				
<u>100%</u>	<u>250%</u>	<u>335%</u>	<u>400%</u>	<u>500%</u>
16.7%	6.3%	0.1%	(4.8)%	(12.5)%

SECURITY GROUP 6

Sensitivity of Class PI to Prepayments
Assumed Price 8.25%*

PSA Prepayment Assumption Rates				
<u>150%</u>	<u>259%</u>	<u>290%</u>	<u>450%</u>	<u>600%</u>
15.9%	0.1%	(4.9)%	(2.9)%	(3.8)%

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

CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections

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

Regular Securities

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

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

The prepayment assumption that should be used in determining the rates of accrual of OID, if any, on the Regular Securities (as described in “Yield, Maturity and Prepayment Considerations” in this Supplement) is as follows:

<u>Group</u>	<u>PSA</u>
1	215%
2	350%
3	300%
4	230%
5	250%
6	290%

No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur. *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 RR Securities will represent the beneficial ownership of the Residual Interest in the Pooling REMIC and the beneficial ownership of the Residual Interest in the Issuing REMIC. The Residual Securities, *i.e.*, the Class RR Securities, generally will be treated as “residual interests” in a REMIC for domestic building and loan associations and as “real estate assets” for REITs, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular, but will not be treated as debt for United States federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the Trust REMICs, and these requirements will continue until there are no outstanding regular interests in the respective Trust REMICs. Thus, Residual Holders will have taxable income attributable to the

Residual Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders. Even though the Holders of the Residual Securities are not entitled to any stated principal or interest payments on the Residual Securities, the Trust REMICs may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, the Holders of the Residual Securities may experience substantial adverse tax timing consequences. Prospective investors are urged to consult their own tax advisors and consider the after-tax effect of ownership of the Residual Securities and the suitability of the Residual Securities to their investment objectives.

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

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 November 1, 2021 on the Fixed Rate Classes. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

INCREASE IN SIZE

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

LEGAL MATTERS

Certain legal matters will be passed upon for Ginnie Mae by Hunton Andrews Kurth LLP for the Trust by K&L Gates LLP, Charlotte, North Carolina, and Marcell Solomon & Associates, P.C., Bowie, Maryland, and for the Trustee by Greenberg Traurig, LLP.

Available Combinations(1)

REMIC Securities		MX Securities						
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1 Combination 1(5) JH	\$ 68,047,000	JA	\$ 68,047,000	TAC/AD	1.00%	FIX	38383CZ86	November 2051
		JB	68,047,000	TAC/AD	1.25	FIX	38383CZ94	November 2051
		JC	68,047,000	TAC/AD	1.50	FIX	38383C2A7	November 2051
		JD	68,047,000	TAC/AD	1.75	FIX	38383C2B5	November 2051
		JE	68,047,000	TAC/AD	2.00	FIX	38383C2C3	November 2051
		JG	68,047,000	TAC/AD	2.25	FIX	38383C2D1	November 2051
		JI	40,828,200	NTL(TAC/AD)	2.50	FIX/IO	38383C2E9	November 2051
Security Group 2 Combination 2(5) GP ZG	\$ 32,343,000 5,157,000	GA	\$ 37,500,000	SEQ/AD	2.50%	FIX	38383C2F6	September 2050
		GB	37,500,000	SEQ/AD	2.00	FIX	38383C2G4	September 2050
		GD	37,500,000	SEQ/AD	1.75	FIX	38383C2H2	September 2050
		GE	37,500,000	SEQ/AD	1.50	FIX	38383C2J8	September 2050
		IG	12,500,000	NTL(SEQ/AD)	3.00	FIX/IO	38383C2K5	September 2050
Security Group 3 Combination 3(5) BH	\$114,725,000	BA	\$114,725,000	SEQ/AD	1.00%	FIX	38383C2L3	February 2051
		BC	114,725,000	SEQ/AD	1.25	FIX	38383C2M1	February 2051
		BD	114,725,000	SEQ/AD	1.50	FIX	38383C2N9	February 2051
		BE	114,725,000	SEQ/AD	1.75	FIX	38383C2P4	February 2051
		IB	38,241,666	NTL(SEQ/AD)	3.00	FIX/IO	38383C2Q2	February 2051
Security Group 4 Combination 4 DY ID	\$ 21,290,289 8,699,166	DI	\$ 29,989,455	NTL(PT/PAC D)	3.00%	FIX/IO	38383C2R0	November 2051
		ID						

REMIC Securities			MX Securities					
Class	Original Class Principal Balance or Class Notional Balance	Maximum Original Class Principal Balance or Class Notional Balance(2)						
		Related MX Class	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)	
Security Group 5								
Combination 5(5)								
HG	\$ 93,314,000	HA	\$ 94,716,119	PT	1.00%	FIX	38383C2S8	November 2051
HI	47,358,059	HB	94,716,119	PT	1.25	FIX	38383C2T6	November 2051
HZ	1,402,119	HC	94,716,119	PT	1.50	FIX	38383C2U3	November 2051
		HD	94,716,119	PT	1.75	FIX	38383C2V1	November 2051
		HE	94,716,119	PT	2.00	FIX	38383C2W9	November 2051
		IH	63,144,079	NTL(PT)	3.00	FIX/IO	38383C2X7	November 2051

(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, 3 and 5, various subcombinations are permitted. See “Description of the Securities—Modification and Exchange” in the Base Offering Circular for a discussion of subcombinations.

Schedule II

SCHEDULED PRINCIPAL BALANCES

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
Initial Balance	\$68,047,000.00	\$32,343,000.00	\$52,195,000.00
December 2021	67,800,918.61	32,230,686.31	52,013,749.64
January 2022	67,524,008.10	32,098,632.08	51,816,951.14
February 2022	67,216,396.88	31,946,897.54	51,604,703.12
March 2022	66,878,247.10	31,775,572.88	51,377,115.77
April 2022	66,509,754.54	31,584,778.34	51,134,310.84
May 2022	66,111,148.54	31,374,664.20	50,876,421.48
June 2022	65,682,691.84	31,145,410.72	50,603,592.16
July 2022	65,224,680.30	30,897,227.95	50,315,978.56
August 2022	64,737,442.64	30,630,355.55	50,013,747.43
September 2022	64,221,340.07	30,345,062.45	49,697,076.43
October 2022	63,676,765.89	30,041,646.49	49,366,153.96
November 2022	63,104,144.98	29,720,433.94	49,021,179.01
December 2022	62,503,933.28	29,381,778.98	48,662,360.94
January 2023	61,876,617.20	29,026,063.12	48,289,919.31
February 2023	61,222,712.95	28,653,694.45	47,904,083.62
March 2023	60,542,765.82	28,265,106.94	47,505,093.12
April 2023	59,837,349.42	27,860,759.58	47,093,196.52
May 2023	59,107,064.86	27,441,135.52	46,668,651.81
June 2023	58,352,539.86	27,006,741.07	46,231,725.90
July 2023	57,574,427.84	26,558,104.67	45,782,694.42
August 2023	56,773,406.90	26,095,775.85	45,321,841.39
September 2023	55,950,178.83	25,620,324.02	44,849,458.94
October 2023	55,105,468.03	25,132,337.31	44,365,846.96
November 2023	54,240,020.37	24,632,421.29	43,871,312.85
December 2023	53,354,602.08	24,121,197.66	43,367,696.20
January 2024	52,449,998.48	23,599,302.92	42,856,949.76
February 2024	51,527,012.83	23,067,386.97	42,345,272.89
March 2024	50,586,464.99	22,526,111.67	41,834,552.51
April 2024	49,629,190.20	21,980,005.83	41,328,176.40
May 2024	48,683,578.47	21,436,584.94	40,826,109.42
June 2024	47,749,484.26	20,902,532.24	40,328,316.73
July 2024	46,826,763.81	20,377,683.83	39,834,763.77
August 2024	45,915,275.09	19,861,878.64	39,345,416.23
September 2024	45,014,877.79	19,354,958.36	38,860,240.08
October 2024	44,125,433.30	18,856,767.41	38,379,201.55
November 2024	43,246,804.70	18,367,152.88	37,902,267.16
December 2024	42,378,856.70	17,885,964.50	37,429,403.67
January 2025	41,521,455.69	17,413,054.58	36,960,578.10
February 2025	40,674,469.66	16,948,277.98	36,495,757.75
March 2025	39,837,768.20	16,491,492.05	36,034,910.17
April 2025	39,011,222.49	16,042,556.62	35,578,003.14
May 2025	38,194,705.26	15,601,333.90	35,125,004.73
June 2025	37,388,090.79	15,167,688.50	34,675,883.25
July 2025	36,591,254.90	14,741,487.36	34,230,607.25

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
August 2025	\$35,804,074.90	\$14,322,599.71	\$33,789,145.53
September 2025	35,026,429.59	13,910,897.03	33,351,467.15
October 2025	34,258,199.25	13,506,253.02	32,917,541.40
November 2025	33,499,265.61	13,108,543.57	32,487,337.81
December 2025	32,749,511.83	12,717,646.68	32,060,826.17
January 2026	32,008,822.51	12,333,442.49	31,637,976.48
February 2026	31,277,083.63	11,955,813.19	31,218,759.00
March 2026	30,554,182.56	11,584,643.00	30,803,144.21
April 2026	29,840,008.05	11,219,818.15	30,391,102.83
May 2026	29,134,450.18	10,861,226.82	29,982,605.81
June 2026	28,437,400.40	10,508,759.14	29,577,624.33
July 2026	27,748,751.45	10,165,513.20	29,176,129.79
August 2026	27,068,397.39	9,831,646.10	28,778,093.83
September 2026	26,396,233.57	9,506,901.74	28,383,488.31
October 2026	25,732,156.59	9,191,030.95	27,992,285.29
November 2026	25,076,064.34	8,883,791.28	27,604,457.08
December 2026	24,427,855.93	8,584,946.88	27,219,976.20
January 2027	23,787,431.72	8,294,268.28	26,838,815.38
February 2027	23,154,693.25	8,011,532.22	26,460,947.56
March 2027	22,529,543.29	7,736,521.50	26,086,345.92
April 2027	21,911,885.78	7,469,024.80	25,714,983.83
May 2027	21,301,625.83	7,208,836.52	25,346,834.86
June 2027	20,698,669.72	6,955,756.67	24,981,872.83
July 2027	20,102,924.84	6,709,590.65	24,620,071.72
August 2027	19,514,299.74	6,470,149.15	24,261,405.75
September 2027	18,932,704.08	6,237,248.00	23,905,849.33
October 2027	18,358,048.60	6,010,708.01	23,553,377.07
November 2027	17,790,245.15	5,790,354.88	23,203,963.78
December 2027	17,229,206.66	5,576,019.03	22,857,584.47
January 2028	16,674,847.09	5,367,535.47	22,514,214.37
February 2028	16,127,081.47	5,164,743.72	22,173,828.87
March 2028	15,585,825.89	4,967,487.63	21,836,403.58
April 2028	15,050,997.41	4,775,615.31	21,501,914.29
May 2028	14,522,514.15	4,588,978.99	21,170,336.99
June 2028	14,000,295.21	4,407,434.92	20,841,647.85
July 2028	13,484,260.68	4,230,843.26	20,515,823.24
August 2028	12,974,331.63	4,059,067.96	20,192,839.72
September 2028	12,470,430.07	3,891,976.68	19,872,674.01
October 2028	11,972,479.00	3,729,440.68	19,555,303.05
November 2028	11,480,402.35	3,571,334.72	19,240,703.94
December 2028	10,994,124.95	3,417,536.96	18,928,853.95
January 2029	10,513,572.58	3,267,928.90	18,619,730.57
February 2029	10,038,671.93	3,122,395.23	18,313,311.44
March 2029	9,569,350.56	2,980,823.80	18,009,574.37
April 2029	9,105,536.94	2,843,105.53	17,710,501.49
May 2029	8,647,160.40	2,709,134.29	17,416,145.32
June 2029	8,194,151.15	2,578,806.83	17,126,433.84
July 2029	7,746,440.23	2,452,022.74	16,841,296.11
August 2029	7,303,959.55	2,328,684.34	16,560,662.22

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
September 2029	\$ 6,866,641.83	\$ 2,208,696.60	\$16,284,463.34
October 2029	6,434,420.64	2,091,967.10	16,012,631.64
November 2029	6,007,230.33	1,978,405.92	15,745,100.32
December 2029	5,585,006.08	1,867,925.61	15,481,803.58
January 2030	5,167,683.87	1,760,441.10	15,222,676.60
February 2030	4,755,200.42	1,655,869.64	14,967,655.54
March 2030	4,347,493.29	1,554,130.74	14,716,677.50
April 2030	3,944,500.74	1,455,146.10	14,469,680.53
May 2030	3,546,161.84	1,358,839.58	14,226,603.60
June 2030	3,152,416.37	1,265,137.10	13,987,386.62
July 2030	2,763,204.87	1,173,966.61	13,751,970.36
August 2030	2,378,468.60	1,085,258.03	13,520,296.52
September 2030	1,998,149.55	998,943.19	13,292,307.65
October 2030	1,622,190.40	914,955.79	13,067,947.16
November 2030	1,250,534.55	833,231.34	12,847,159.31
December 2030	883,126.10	753,707.11	12,629,889.21
January 2031	519,909.83	676,322.11	12,416,082.79
February 2031	160,831.18	601,016.98	12,205,686.77
March 2031	0.00	527,734.01	11,998,648.70
April 2031	0.00	456,417.06	11,794,916.90
May 2031	0.00	387,011.55	11,594,440.47
June 2031	0.00	319,464.36	11,397,169.27
July 2031	0.00	253,723.85	11,203,053.93
August 2031	0.00	189,739.78	11,012,045.81
September 2031	0.00	127,463.30	10,824,096.99
October 2031	0.00	66,846.90	10,639,160.30
November 2031	0.00	7,844.36	10,457,189.25
December 2031	0.00	0.00	10,278,138.07
January 2032	0.00	0.00	10,101,961.67
February 2032	0.00	0.00	9,928,615.64
March 2032	0.00	0.00	9,758,056.24
April 2032	0.00	0.00	9,590,240.40
May 2032	0.00	0.00	9,425,125.67
June 2032	0.00	0.00	9,262,670.26
July 2032	0.00	0.00	9,102,833.02
August 2032	0.00	0.00	8,945,573.40
September 2032	0.00	0.00	8,790,851.47
October 2032	0.00	0.00	8,638,627.91
November 2032	0.00	0.00	8,488,863.98
December 2032	0.00	0.00	8,341,521.52
January 2033	0.00	0.00	8,196,562.98
February 2033	0.00	0.00	8,053,951.34
March 2033	0.00	0.00	7,913,650.16
April 2033	0.00	0.00	7,775,623.55
May 2033	0.00	0.00	7,639,836.14
June 2033	0.00	0.00	7,506,253.13
July 2033	0.00	0.00	7,374,840.21
August 2033	0.00	0.00	7,245,563.63
September 2033	0.00	0.00	7,118,390.12

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
October 2033	\$ 0.00	\$ 0.00	\$ 6,993,286.92
November 2033	0.00	0.00	6,870,221.77
December 2033	0.00	0.00	6,749,162.90
January 2034	0.00	0.00	6,630,079.01
February 2034	0.00	0.00	6,512,939.30
March 2034	0.00	0.00	6,397,713.41
April 2034	0.00	0.00	6,284,371.45
May 2034	0.00	0.00	6,172,883.99
June 2034	0.00	0.00	6,063,222.04
July 2034	0.00	0.00	5,955,357.04
August 2034	0.00	0.00	5,849,260.90
September 2034	0.00	0.00	5,744,905.91
October 2034	0.00	0.00	5,642,264.81
November 2034	0.00	0.00	5,541,310.75
December 2034	0.00	0.00	5,442,017.28
January 2035	0.00	0.00	5,344,358.36
February 2035	0.00	0.00	5,248,308.34
March 2035	0.00	0.00	5,153,841.98
April 2035	0.00	0.00	5,060,934.39
May 2035	0.00	0.00	4,969,561.09
June 2035	0.00	0.00	4,879,697.95
July 2035	0.00	0.00	4,791,321.23
August 2035	0.00	0.00	4,704,407.53
September 2035	0.00	0.00	4,618,933.82
October 2035	0.00	0.00	4,534,877.42
November 2035	0.00	0.00	4,452,216.00
December 2035	0.00	0.00	4,370,927.55
January 2036	0.00	0.00	4,290,990.43
February 2036	0.00	0.00	4,212,383.29
March 2036	0.00	0.00	4,135,085.15
April 2036	0.00	0.00	4,059,075.31
May 2036	0.00	0.00	3,984,333.42
June 2036	0.00	0.00	3,910,839.41
July 2036	0.00	0.00	3,838,573.55
August 2036	0.00	0.00	3,767,516.39
September 2036	0.00	0.00	3,697,648.77
October 2036	0.00	0.00	3,628,951.86
November 2036	0.00	0.00	3,561,407.08
December 2036	0.00	0.00	3,494,996.14
January 2037	0.00	0.00	3,429,701.06
February 2037	0.00	0.00	3,365,504.11
March 2037	0.00	0.00	3,302,387.84
April 2037	0.00	0.00	3,240,335.05
May 2037	0.00	0.00	3,179,328.84
June 2037	0.00	0.00	3,119,352.54
July 2037	0.00	0.00	3,060,389.74
August 2037	0.00	0.00	3,002,424.30
September 2037	0.00	0.00	2,945,440.30
October 2037	0.00	0.00	2,889,422.10

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
November 2037	\$ 0.00	\$ 0.00	\$ 2,834,354.26
December 2037	0.00	0.00	2,780,221.62
January 2038	0.00	0.00	2,727,009.22
February 2038	0.00	0.00	2,674,702.34
March 2038	0.00	0.00	2,623,286.50
April 2038	0.00	0.00	2,572,747.42
May 2038	0.00	0.00	2,523,071.07
June 2038	0.00	0.00	2,474,243.60
July 2038	0.00	0.00	2,426,251.41
August 2038	0.00	0.00	2,379,081.08
September 2038	0.00	0.00	2,332,719.42
October 2038	0.00	0.00	2,287,153.44
November 2038	0.00	0.00	2,242,370.32
December 2038	0.00	0.00	2,198,357.49
January 2039	0.00	0.00	2,155,102.53
February 2039	0.00	0.00	2,112,593.24
March 2039	0.00	0.00	2,070,817.59
April 2039	0.00	0.00	2,029,763.76
May 2039	0.00	0.00	1,989,420.08
June 2039	0.00	0.00	1,949,775.09
July 2039	0.00	0.00	1,910,817.50
August 2039	0.00	0.00	1,872,536.18
September 2039	0.00	0.00	1,834,920.20
October 2039	0.00	0.00	1,797,958.77
November 2039	0.00	0.00	1,761,641.28
December 2039	0.00	0.00	1,725,957.30
January 2040	0.00	0.00	1,690,896.55
February 2040	0.00	0.00	1,656,448.90
March 2040	0.00	0.00	1,622,604.39
April 2040	0.00	0.00	1,589,353.20
May 2040	0.00	0.00	1,556,685.70
June 2040	0.00	0.00	1,524,592.36
July 2040	0.00	0.00	1,493,063.84
August 2040	0.00	0.00	1,462,090.91
September 2040	0.00	0.00	1,431,664.52
October 2040	0.00	0.00	1,401,775.74
November 2040	0.00	0.00	1,372,415.78
December 2040	0.00	0.00	1,343,576.00
January 2041	0.00	0.00	1,315,247.86
February 2041	0.00	0.00	1,287,423.01
March 2041	0.00	0.00	1,260,093.18
April 2041	0.00	0.00	1,233,250.26
May 2041	0.00	0.00	1,206,886.25
June 2041	0.00	0.00	1,180,993.29
July 2041	0.00	0.00	1,155,563.62
August 2041	0.00	0.00	1,130,589.63
September 2041	0.00	0.00	1,106,063.81
October 2041	0.00	0.00	1,081,978.77
November 2041	0.00	0.00	1,058,327.24

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
December 2041	\$ 0.00	\$ 0.00	\$ 1,035,102.07
January 2042	0.00	0.00	1,012,296.22
February 2042	0.00	0.00	989,902.75
March 2042	0.00	0.00	967,914.83
April 2042	0.00	0.00	946,325.75
May 2042	0.00	0.00	925,128.91
June 2042	0.00	0.00	904,317.78
July 2042	0.00	0.00	883,885.98
August 2042	0.00	0.00	863,827.19
September 2042	0.00	0.00	844,135.21
October 2042	0.00	0.00	824,803.94
November 2042	0.00	0.00	805,827.37
December 2042	0.00	0.00	787,199.57
January 2043	0.00	0.00	768,914.75
February 2043	0.00	0.00	750,967.15
March 2043	0.00	0.00	733,351.15
April 2043	0.00	0.00	716,061.20
May 2043	0.00	0.00	699,091.84
June 2043	0.00	0.00	682,437.68
July 2043	0.00	0.00	666,093.45
August 2043	0.00	0.00	650,053.94
September 2043	0.00	0.00	634,314.03
October 2043	0.00	0.00	618,868.67
November 2043	0.00	0.00	603,712.90
December 2043	0.00	0.00	588,841.84
January 2044	0.00	0.00	574,250.70
February 2044	0.00	0.00	559,934.73
March 2044	0.00	0.00	545,889.29
April 2044	0.00	0.00	532,109.81
May 2044	0.00	0.00	518,591.76
June 2044	0.00	0.00	505,330.73
July 2044	0.00	0.00	492,322.35
August 2044	0.00	0.00	479,562.32
September 2044	0.00	0.00	467,046.42
October 2044	0.00	0.00	454,770.50
November 2044	0.00	0.00	442,730.46
December 2044	0.00	0.00	430,922.29
January 2045	0.00	0.00	419,342.01
February 2045	0.00	0.00	407,985.74
March 2045	0.00	0.00	396,849.64
April 2045	0.00	0.00	385,929.94
May 2045	0.00	0.00	375,222.92
June 2045	0.00	0.00	364,724.94
July 2045	0.00	0.00	354,432.39
August 2045	0.00	0.00	344,341.75
September 2045	0.00	0.00	334,449.54
October 2045	0.00	0.00	324,752.33
November 2045	0.00	0.00	315,246.76
December 2045	0.00	0.00	305,929.51

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
January 2046	\$ 0.00	\$ 0.00	\$ 296,797.32
February 2046	0.00	0.00	287,846.99
March 2046	0.00	0.00	279,075.36
April 2046	0.00	0.00	270,479.32
May 2046	0.00	0.00	262,055.84
June 2046	0.00	0.00	253,801.89
July 2046	0.00	0.00	245,714.52
August 2046	0.00	0.00	237,790.83
September 2046	0.00	0.00	230,027.96
October 2046	0.00	0.00	222,423.09
November 2046	0.00	0.00	214,973.45
December 2046	0.00	0.00	207,676.32
January 2047	0.00	0.00	200,529.03
February 2047	0.00	0.00	193,528.93
March 2047	0.00	0.00	186,673.43
April 2047	0.00	0.00	179,959.99
May 2047	0.00	0.00	173,386.10
June 2047	0.00	0.00	166,949.29
July 2047	0.00	0.00	160,647.12
August 2047	0.00	0.00	154,477.22
September 2047	0.00	0.00	148,437.24
October 2047	0.00	0.00	142,524.87
November 2047	0.00	0.00	136,737.83
December 2047	0.00	0.00	131,073.89
January 2048	0.00	0.00	125,530.85
February 2048	0.00	0.00	120,106.55
March 2048	0.00	0.00	114,798.87
April 2048	0.00	0.00	109,605.71
May 2048	0.00	0.00	104,525.02
June 2048	0.00	0.00	99,554.77
July 2048	0.00	0.00	94,692.98
August 2048	0.00	0.00	89,937.68
September 2048	0.00	0.00	85,286.96
October 2048	0.00	0.00	80,738.92
November 2048	0.00	0.00	76,291.70
December 2048	0.00	0.00	71,943.47
January 2049	0.00	0.00	67,692.43
February 2049	0.00	0.00	63,536.81
March 2049	0.00	0.00	59,474.87
April 2049	0.00	0.00	55,504.90
May 2049	0.00	0.00	51,900.50
June 2049	0.00	0.00	48,377.76
July 2049	0.00	0.00	44,935.20
August 2049	0.00	0.00	41,571.35
September 2049	0.00	0.00	38,284.75
October 2049	0.00	0.00	35,146.77
November 2049	0.00	0.00	32,081.40
December 2049	0.00	0.00	29,087.29
January 2050	0.00	0.00	26,163.11

<u>Distribution Date</u>	<u>Class JH</u>	<u>Class GP</u>	<u>Class DA</u>
February 2050	\$ 0.00	\$ 0.00	\$ 23,307.58
March 2050	0.00	0.00	20,592.60
April 2050	0.00	0.00	18,230.21
May 2050	0.00	0.00	15,923.62
June 2050	0.00	0.00	13,671.78
July 2050	0.00	0.00	11,473.69
August 2050	0.00	0.00	9,368.40
September 2050	0.00	0.00	7,454.52
October 2050	0.00	0.00	5,586.88
November 2050	0.00	0.00	3,764.59
December 2050	0.00	0.00	2,066.01
January 2051	0.00	0.00	501.62
February 2051 and thereafter	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
Initial Balance	\$6,159,000.00	\$118,591,000.00
December 2021	6,130,874.78	116,045,430.33
January 2022	6,096,910.92	113,454,889.17
February 2022	6,057,156.48	110,822,477.55
March 2022	6,011,669.89	108,233,568.80
April 2022	5,960,519.86	105,687,428.52
May 2022	5,903,785.32	103,183,334.47
June 2022	5,841,555.32	100,720,576.36
July 2022	5,773,928.89	98,298,455.66
August 2022	5,701,014.87	95,916,285.41
September 2022	5,622,931.78	93,573,390.03
October 2022	5,539,807.60	91,269,105.14
November 2022	5,451,779.55	89,002,777.33
December 2022	5,358,993.86	86,773,764.07
January 2023	5,261,605.49	84,581,433.44
February 2023	5,159,777.88	82,425,164.00
March 2023	5,053,682.62	80,304,344.63
April 2023	4,943,499.14	78,218,374.33
May 2023	4,829,414.34	76,166,662.07
June 2023	4,711,622.31	74,148,626.62
July 2023	4,590,323.86	72,163,696.40
August 2023	4,465,726.18	70,211,309.29
September 2023	4,338,042.41	68,290,912.53
October 2023	4,207,491.25	66,401,962.52
November 2023	4,074,296.47	64,543,924.67
December 2023	3,939,244.98	62,716,273.29
January 2024	3,803,148.72	60,918,491.41
February 2024	3,668,350.65	59,150,070.63
March 2024	3,535,554.94	57,410,511.02
April 2024	3,405,992.31	55,699,320.95
May 2024	3,279,611.70	54,016,016.93
June 2024	3,156,362.71	52,360,123.55
July 2024	3,036,195.63	50,731,173.27
August 2024	2,919,061.42	49,128,706.33
September 2024	2,804,911.67	47,552,270.62
October 2024	2,693,698.68	46,001,421.55
November 2024	2,585,375.31	44,475,721.91
December 2024	2,479,895.12	42,974,741.78
January 2025	2,377,212.28	41,498,058.39
February 2025	2,277,281.56	40,045,256.00
March 2025	2,180,058.35	38,615,925.79
April 2025	2,085,498.66	37,209,665.74
May 2025	1,993,559.07	35,826,080.54
June 2025	1,904,196.77	34,464,781.46
July 2025	1,817,369.52	33,125,386.22
August 2025	1,733,035.65	31,807,518.93
September 2025	1,651,154.08	30,510,809.96
October 2025	1,571,684.26	29,234,895.85

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2025	\$1,494,586.21	\$ 27,979,419.17
December 2025	1,419,820.49	26,744,028.47
January 2026	1,347,348.22	25,528,378.15
February 2026	1,277,131.01	24,332,128.38
March 2026	1,209,131.04	23,154,944.99
April 2026	1,143,310.98	21,996,499.39
May 2026	1,079,634.04	20,856,468.47
June 2026	1,018,063.90	19,734,534.51
July 2026	958,564.78	18,630,385.09
August 2026	901,101.36	17,543,713.03
September 2026	845,638.82	16,474,216.23
October 2026	792,142.84	15,421,597.68
November 2026	740,579.56	14,385,565.31
December 2026	690,915.58	13,365,831.93
January 2027	643,117.98	12,362,115.15
February 2027	597,154.30	11,374,137.29
March 2027	552,992.51	10,401,625.34
April 2027	510,601.06	9,444,310.81
May 2027	469,948.82	8,501,929.74
June 2027	431,005.08	7,574,222.56
July 2027	393,739.60	6,660,934.04
August 2027	358,122.53	5,761,813.23
September 2027	324,124.47	4,876,613.37
October 2027	291,716.40	4,005,091.85
November 2027	260,869.73	3,147,010.08
December 2027	231,556.29	2,302,133.51
January 2028	203,748.27	1,470,231.49
February 2028	177,418.27	651,077.22
March 2028	152,539.28	0.00
April 2028	129,084.69	0.00
May 2028	107,028.24	0.00
June 2028	86,344.07	0.00
July 2028	67,218.31	0.00
August 2028	50,667.60	0.00
September 2028	36,632.75	0.00
October 2028	25,055.59	0.00
November 2028	15,878.99	0.00
December 2028	9,046.84	0.00
January 2029	4,504.00	0.00
February 2029	2,196.34	0.00
March 2029	2,070.68	0.00
April 2029	2,070.67	0.00
May 2029	2,070.67	0.00
June 2029	2,070.67	0.00
July 2029	2,070.67	0.00
August 2029	2,070.67	0.00
September 2029	2,070.67	0.00
October 2029	2,070.67	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2029	\$ 2,070.67	\$ 0.00
December 2029	2,070.67	0.00
January 2030	2,070.67	0.00
February 2030	2,070.67	0.00
March 2030	2,070.67	0.00
April 2030	2,070.67	0.00
May 2030	2,070.67	0.00
June 2030	2,070.67	0.00
July 2030	2,070.67	0.00
August 2030	2,070.67	0.00
September 2030	2,070.67	0.00
October 2030	2,070.67	0.00
November 2030	2,070.67	0.00
December 2030	2,070.67	0.00
January 2031	2,070.67	0.00
February 2031	2,070.67	0.00
March 2031	2,070.67	0.00
April 2031	2,070.67	0.00
May 2031	2,070.67	0.00
June 2031	2,070.67	0.00
July 2031	2,070.67	0.00
August 2031	2,070.67	0.00
September 2031	2,070.67	0.00
October 2031	2,070.67	0.00
November 2031	2,070.67	0.00
December 2031	2,070.67	0.00
January 2032	2,070.67	0.00
February 2032	2,070.67	0.00
March 2032	2,070.67	0.00
April 2032	2,070.67	0.00
May 2032	2,070.67	0.00
June 2032	2,070.67	0.00
July 2032	2,070.67	0.00
August 2032	2,070.67	0.00
September 2032	2,070.67	0.00
October 2032	2,070.67	0.00
November 2032	2,070.67	0.00
December 2032	2,070.67	0.00
January 2033	2,070.67	0.00
February 2033	2,070.67	0.00
March 2033	2,070.67	0.00
April 2033	2,070.67	0.00
May 2033	2,070.67	0.00
June 2033	2,070.67	0.00
July 2033	2,070.67	0.00
August 2033	2,070.67	0.00
September 2033	2,070.67	0.00
October 2033	2,070.67	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2033	\$ 2,070.67	\$ 0.00
December 2033	2,070.67	0.00
January 2034	2,070.67	0.00
February 2034	2,070.67	0.00
March 2034	2,070.67	0.00
April 2034	2,070.67	0.00
May 2034	2,070.67	0.00
June 2034	2,070.67	0.00
July 2034	2,070.67	0.00
August 2034	2,070.67	0.00
September 2034	2,070.67	0.00
October 2034	2,070.67	0.00
November 2034	2,070.67	0.00
December 2034	2,070.67	0.00
January 2035	2,070.67	0.00
February 2035	2,070.67	0.00
March 2035	2,070.67	0.00
April 2035	2,070.67	0.00
May 2035	2,070.67	0.00
June 2035	2,070.67	0.00
July 2035	2,070.67	0.00
August 2035	2,070.67	0.00
September 2035	2,070.67	0.00
October 2035	2,070.67	0.00
November 2035	2,070.67	0.00
December 2035	2,070.67	0.00
January 2036	2,070.67	0.00
February 2036	2,070.67	0.00
March 2036	2,070.67	0.00
April 2036	2,070.67	0.00
May 2036	2,070.67	0.00
June 2036	2,070.67	0.00
July 2036	2,070.67	0.00
August 2036	2,070.67	0.00
September 2036	2,070.67	0.00
October 2036	2,070.67	0.00
November 2036	2,070.67	0.00
December 2036	2,070.67	0.00
January 2037	2,070.67	0.00
February 2037	2,070.67	0.00
March 2037	2,070.67	0.00
April 2037	2,070.67	0.00
May 2037	2,070.67	0.00
June 2037	2,070.67	0.00
July 2037	2,070.67	0.00
August 2037	2,070.67	0.00
September 2037	2,070.67	0.00
October 2037	2,070.67	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2037	\$ 2,070.67	\$ 0.00
December 2037	2,070.67	0.00
January 2038	2,070.67	0.00
February 2038	2,070.67	0.00
March 2038	2,070.67	0.00
April 2038	2,070.67	0.00
May 2038	2,070.67	0.00
June 2038	2,070.67	0.00
July 2038	2,070.67	0.00
August 2038	2,070.67	0.00
September 2038	2,070.67	0.00
October 2038	2,070.67	0.00
November 2038	2,070.67	0.00
December 2038	2,070.67	0.00
January 2039	2,070.67	0.00
February 2039	2,070.67	0.00
March 2039	2,070.67	0.00
April 2039	2,070.67	0.00
May 2039	2,070.67	0.00
June 2039	2,070.67	0.00
July 2039	2,070.67	0.00
August 2039	2,070.67	0.00
September 2039	2,070.67	0.00
October 2039	2,070.67	0.00
November 2039	2,070.67	0.00
December 2039	2,070.67	0.00
January 2040	2,070.67	0.00
February 2040	2,070.67	0.00
March 2040	2,070.67	0.00
April 2040	2,070.67	0.00
May 2040	2,070.67	0.00
June 2040	2,070.67	0.00
July 2040	2,070.67	0.00
August 2040	2,070.67	0.00
September 2040	2,070.67	0.00
October 2040	2,070.67	0.00
November 2040	2,070.67	0.00
December 2040	2,070.67	0.00
January 2041	2,070.67	0.00
February 2041	2,070.67	0.00
March 2041	2,070.67	0.00
April 2041	2,070.67	0.00
May 2041	2,070.67	0.00
June 2041	2,070.67	0.00
July 2041	2,070.67	0.00
August 2041	2,070.67	0.00
September 2041	2,070.67	0.00
October 2041	2,070.67	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2041	\$ 2,070.67	\$ 0.00
December 2041	2,070.67	0.00
January 2042	2,070.67	0.00
February 2042	2,070.67	0.00
March 2042	2,070.67	0.00
April 2042	2,070.67	0.00
May 2042	2,070.67	0.00
June 2042	2,070.67	0.00
July 2042	2,070.67	0.00
August 2042	2,070.67	0.00
September 2042	2,070.67	0.00
October 2042	2,070.67	0.00
November 2042	2,070.67	0.00
December 2042	2,070.67	0.00
January 2043	2,070.67	0.00
February 2043	2,070.67	0.00
March 2043	2,070.67	0.00
April 2043	2,070.67	0.00
May 2043	2,070.67	0.00
June 2043	2,070.67	0.00
July 2043	2,070.67	0.00
August 2043	2,070.67	0.00
September 2043	2,070.67	0.00
October 2043	2,070.67	0.00
November 2043	2,070.67	0.00
December 2043	2,070.67	0.00
January 2044	2,070.67	0.00
February 2044	2,070.67	0.00
March 2044	2,070.67	0.00
April 2044	2,070.67	0.00
May 2044	2,070.67	0.00
June 2044	2,070.67	0.00
July 2044	2,070.67	0.00
August 2044	2,070.67	0.00
September 2044	2,070.67	0.00
October 2044	2,070.67	0.00
November 2044	2,070.67	0.00
December 2044	2,070.67	0.00
January 2045	2,070.67	0.00
February 2045	2,070.67	0.00
March 2045	2,070.67	0.00
April 2045	2,070.67	0.00
May 2045	2,070.67	0.00
June 2045	2,070.67	0.00
July 2045	2,070.67	0.00
August 2045	2,070.67	0.00
September 2045	2,070.67	0.00
October 2045	2,070.67	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2045	\$ 2,070.67	\$ 0.00
December 2045	2,070.67	0.00
January 2046	2,070.67	0.00
February 2046	2,070.67	0.00
March 2046	2,070.67	0.00
April 2046	2,070.67	0.00
May 2046	2,070.67	0.00
June 2046	2,070.67	0.00
July 2046	2,070.67	0.00
August 2046	2,070.67	0.00
September 2046	2,070.67	0.00
October 2046	2,070.67	0.00
November 2046	2,070.67	0.00
December 2046	2,070.67	0.00
January 2047	2,070.67	0.00
February 2047	2,070.67	0.00
March 2047	2,070.67	0.00
April 2047	2,070.67	0.00
May 2047	2,070.67	0.00
June 2047	2,070.67	0.00
July 2047	2,070.67	0.00
August 2047	2,070.67	0.00
September 2047	2,070.67	0.00
October 2047	2,070.67	0.00
November 2047	2,070.67	0.00
December 2047	2,070.67	0.00
January 2048	2,070.67	0.00
February 2048	2,070.67	0.00
March 2048	2,070.67	0.00
April 2048	2,070.67	0.00
May 2048	2,070.67	0.00
June 2048	2,070.67	0.00
July 2048	2,070.67	0.00
August 2048	2,070.67	0.00
September 2048	2,070.67	0.00
October 2048	2,070.67	0.00
November 2048	2,070.67	0.00
December 2048	2,070.67	0.00
January 2049	2,070.67	0.00
February 2049	2,070.67	0.00
March 2049	2,070.67	0.00
April 2049	2,070.67	0.00
May 2049	2,070.67	0.00
June 2049	2,070.67	0.00
July 2049	2,070.67	0.00
August 2049	2,070.67	0.00
September 2049	2,070.67	0.00
October 2049	2,070.67	0.00

<u>Distribution Date</u>	<u>Classes DK and DZ (in the aggregate)</u>	<u>Class PB</u>
November 2049	\$ 2,070.67	\$ 0.00
December 2049	2,070.67	0.00
January 2050	2,070.67	0.00
February 2050	2,070.67	0.00
March 2050	2,070.67	0.00
April 2050	2,070.67	0.00
May 2050	2,070.67	0.00
June 2050	2,070.67	0.00
July 2050	2,070.67	0.00
August 2050	2,070.67	0.00
September 2050	2,070.67	0.00
October 2050	2,070.67	0.00
November 2050	2,070.67	0.00
December 2050	2,070.67	0.00
January 2051	2,070.67	0.00
February 2051	1,621.06	0.00
March 2051	693.16	0.00
April 2051 and thereafter	0.00	0.00



\$628,536,483

**Government National
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November 23, 2021

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