

## \$3,306,077,561 Government National Mortgage Association

## **GINNIE MAE**®

## Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2025-192

#### The Securities

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

#### The Ginnie Mae Guaranty

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

#### The Trust and its Assets

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

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

See "Risk Factors" beginning on page S-12 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 28, 2025.

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.

inc mac kinnic	II ust 2	V=) 1	./=			
Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
	Dulunec(2)		13 pc(c)	Type(c)	rumber	Dute(1)
Security Group 1	\$ 25,000,000	(5)	PT	FLT	38385JWA7	November 2055
AF(1)		4.75%	SEO	FIX	38385JWB5	
CA(1)	44,567,000	4.75%				January 2054 November 2055
CB(1)	7,627,522		SEQ PT	FIX	38385JWC3	
FC	200,000,000	(5) (5)	PT	FLT FLT	38385JWD1 38385JWE9	November 2055 November 2055
FJ	100,000,000 30,000,000	(5)	PT	FLT		November 2055
FU	38,521,000	4.50	PAC I	FIX	38385JWF6 38385JWG4	August 2050
P	30,267,000	4.50	PAC I	FIX	38385JWH2	November 2055
	25,000,000		NTL(PT)	INV/IO	38385JWJ8	November 2055
SA	200,000,000	(5) (5)	NTL(PT)	INV/IO INV/IO	38385JWK5	November 2055
SJ(1)	130,000,000	(5)	NTL(PT)	INV/IO INV/IO	38385JWL3	November 2055
TI(1)	25,000,000	(5)	NTL(PT)	INV/IO INV/IO	38385JWM1	November 2055
UA	1,734,508	5.00	SUP	FIX	38385JWN9	November 2055
UD	2,700,000	5.00	PAC II	FIX	38385JWP4	November 2055
UF(1)	6,078,857	(5)	SUP	FLT/DLY	38385JWQ2	November 2055
UO	1,438,324	0.00	SUP	PO	38385JWR0	November 2055
US(1)	2,431,543	(5)	SUP	INV/DLY	38385JWS8	November 2055
	2,431,343	(5)	SUF	IN V/DL I	202023 11 20	November 2033
Security Group 2						
BA	50,000,000	5.00	PT	FIX	38385JWT6	November 2055
BF	65,000,000	(5)	PT	FLT	38385JWU3	November 2055
BT	175,000,000	4.50	PT	FIX	38385JWV1	November 2055
<u>F</u>	110,000,000	(5)	PT	FLT	38385JWW9	November 2055
FB	50,000,000	(5)	PT	FLT	38385JWX7	November 2055
S	175,000,000	(5)	NTL(PT)	INV/IO	38385JWY5	November 2055
<u>SB</u>	50,000,000	(5)	NTL(PT)	INV/IO	38385JWZ2	November 2055
Security Group 3						
FE	700,000,000	(5)	PT	FLT	38385JXA6	November 2065
SE	700,000,000	(5)	NTL(PT)	INV/IO	38385JXB4	November 2065
Security Group 4	, ,					
AB	100,000,000	4.75	SEO	FIX	38385JXC2	September 2051
AL	41,372,296	5.00	SEQ	FIX	38385JXD0	November 2055
DA(1)	110,603,000	5.00	SEQ	FIX	38385JXE8	October 2049
DM(1)	16,507,000	5.00	SEO	FIX	38385JXF5	June 2051
DN(1)	15,028,000	5.00	SEO	FIX	38385JXG3	October 2052
DV(1)	17,206,000	5.00	SEO/AD	FIX	38385JXH1	November 2036
DZ(1)	23,651,907	5.00	SEO	FIX/Z	38385JXJ7	November 2055
GF	167,184,100	(5)	PT	FLT	38385JXK4	November 2055
GS	167,184,100	(5)	NTL(PT)	INV/IO	38385JXL2	November 2055
GT	10,000,000	5.00	PT	FIX	38385JXM0	November 2055
IO	4,545,454	5.50	NTL(SEQ)	FIX/IO	38385JXN8	September 2051
Security Group 5	-,,, -,, -,, *	2.24	(		. ,	- P
PT	10,000,000	5.50	PT	FIX	38385JXP3	November 2055
Security Group 6						
A	10,000,000	4.25	PT	FIX	38385JXQ1	November 2055
FH	85,400,255	(5)	PT	FLT	38385JXR9	November 2055
PA(1)	53,516,000	4.50	PAC/AD	FIX	38385JXS7	September 2054
PL(1)	2,787,000	4.50	PAC/AD	FIX	38385JXT5	November 2055
PN(1)	3,811,000	4.50	PAC/AD	FIX	38385JXU2	June 2055
SH	85,400,255	(5)	NTL(PT)	INV/IO	38385JXV0	November 2055
ZU	12,786,256	4.50	SÙP	FIX/Z	38385JXW8	November 2055
Security Group 7						
FD	225,000,000	(5)	PT	FLT	38385JXX6	November 2065
SD	225,000,000	(5)	NTL(PT)	INV/IO	38385JXY4	November 2065
	227,000,000	0)	1111(11)	1117/10	2020237114	110 VCIIIOCI 2003
Security Group 8	22 420 000	4.00	CEO/AE	EDV	2020513757	g , 1 2050
GA(1)	22,429,000	4.00	SEQ/AD	FIX	38385JXZ1	September 2050
GZ(1)	2,911,343	4.00	SEQ	FIX/Z	38385JYA5	November 2055







Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 9 G(1)	\$ 22,423,613	6.00%	PT	FIX	38385JYB3	November 2055
Security Group 10 HA(1) HZ(1)	8,319,000 6,515,856	4.50 4.50	SC/SEQ/AD SC/SEQ	FIX FIX/Z	38385JYC1 38385JYD9	November 2054 November 2054
Security Group 11 H(1)	4,939,202	6.50	PT	FIX	38385JYE7	November 2055
Security Group 12 FM KA(1) KB(1) KB(1) KL(1) KM(1) SM UZ	78,803,531 118,796,000 8,788,000 6,604,064 8,419,000 78,803,531 15,000,000	(5) 5.00 5.00 5.00 5.00 (5) 5.00	PT PAC/AD PAC/AD PAC/AD PAC/AD NTL(PT) SUP	FLT FIX FIX FIX FIX INV/IO FIX/Z	38385JYF4 38385JYG2 38385JYH0 38385JYJ6 38385JYK3 38385JYL1 38385JYM9	November 2055 December 2053 September 2054 November 2055 May 2055 November 2055 November 2055
Security Group 13           JV(1)	8,507,000 8,474,148	5.00 5.00	SC/SEQ/AD SC/SEQ	FIX FIX/Z	38385JYN7 38385JYP2	March 2055 March 2055
Security Group 14 FGSG	80,000,000 80,000,000	(5) (5)	PT NTL(PT)	FLT INV/IO	38385JYQ0 38385JYR8	November 2055 November 2055
Security Group 15 EA(1) EL(1)	28,285,000 8,324,904	6.00 6.00	SEQ SEQ	FIX FIX	38385JYS6 38385JYT4	November 2052 November 2055
Security Group 16   FN	71,429,112 100,000,000 4,545,454 18,049,000 24,809,224 71,429,112	(5) 4.75 5.50 5.00 5.00 (5)	PT SEQ NTL(SEQ) SEQ/AD SEQ NTL(PT)	FLT FIX FIX/IO FIX FIX/Z INV/IO	38385JYU1 38385JYV9 38385JYW7 38385JYX5 38385JYY3 38385JYZ0	November 2055 July 2051 July 2051 November 2036 November 2055 November 2055
Security Group 17           QP(1)	91,717,270 17,314,726	6.50 6.50	PAC/AD SUP	FIX FIX/Z	38385JZA4 38385JZB2	November 2055 November 2055
Residual RR	0	0.00	NPR	NPR	38385JZC0	November 2065

- (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.
- $(4) \quad See \ ``Yield, Maturity and Prepayment Considerations -- Final \ Distribution \ Date" \ in this \ Supplement.$
- (5) See "Terms Sheet Interest Rates" in this Supplement.

#### **AVAILABLE INFORMATION**

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

- this Offering Circular Supplement (this "Supplement"),
- the Base Offering Circular and
- in the case of the Group 10 and 13 securities, each disclosure document relating to the Underlying Certificates (the "Underlying Certificate Disclosure Documents").

The Base Offering Circular and the Underlying Certificate Disclosure Documents are available on Ginnie Mae's website located at http://www.ginniemae.gov ("ginniemae.gov").

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

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

#### TABLE OF CONTENTS

	Page		Page
Terms Sheet	S-3	ERISA Matters	S-52
Risk Factors	S-12	Legal Investment Considerations	S-53
The Trust Assets	S-16	Plan of Distribution	S-53
Ginnie Mae Guaranty	S-17	Increase in Size	S-53
Description of the Securities	S-18	Legal Matters	S-53
Yield, Maturity and Prepayment		Schedule I: Available Combinations	S-I-1
Considerations	S-22	Schedule II: Scheduled Principal	
Certain United States Federal Income		Balances	S-II-1
Tax Consequences	S-50	Exhibit A: Underlying Certificates	A-1

#### **TERMS SHEET**

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

**Sponsor:** BMO Capital Markets Corp.

**Co-Sponsor:** Blaylock Van, LLC

Trustee: U.S. Bank National Association

**Tax Administrator:** The Trustee **Closing Date:** November 28, 2025

Distribution Date: The 20th day of each month or, if the 20th day is not a Business Day, the first

Business Day thereafter, commencing December 2025.

#### **Trust Assets:**

Trust Asset Group or Subgroup <sup>(2)</sup>	Trust Asset Type	Certificate Rate	Original Term To Maturity (in years)
1A	Ginnie Mae II	6.000%	30
1B	Ginnie Mae II	6.000%	30
1C	Ginnie Mae II	6.000%	30
1D	Ginnie Mae II	6.000%	30
2	Ginnie Mae II	5.500%	30
3	Ginnie Mae II	6.500%	40
4A	Ginnie Mae II	5.500%	30
4B	Ginnie Mae II	5.500%	30
4C	Ginnie Mae II	5.500%	30
5	Ginnie Mae II	5.500%	30
6	Ginnie Mae II	5.500%	30
7	Ginnie Mae II	7.000%	40
8	Ginnie Mae II	4.000%	30
9	Ginnie Mae II	6.000%	30
10	<b>Underlying Certificates</b>	(1)	(1)
11	Ginnie Mae II	6.500%	30
12	Ginnie Mae II	6.000%	30
13	<b>Underlying Certificates</b>	(1)	(1)
14	Ginnie Mae II	5.500%	30
15	Ginnie Mae II	6.000%	30
16	Ginnie Mae II	5.500%	30
17	Ginnie Mae II	6.500%	30

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

<sup>&</sup>lt;sup>(2)</sup> The Group 1 and 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 Group 1 through 9, 11, 12 and 14 through 17 Trust Assets<sup>(1)</sup>:

Principal Balance	Weighted Average Remaining Term to Maturity (in months)	Weighted Average Loan Age (in months)	Weighted Average Mortgage Rate <sup>(2)</sup>
Subgroup 1A Trust Assets \$182,000,000	358	2	6.543%
Subgroup 1B Trust Assets	350	2	0.91,970
\$266,666,667	358	2	6.543%
<b>Subgroup 1C Trust Assets</b> \$41,261,413	358	2	6.543%
<b>Subgroup 1D Trust Assets</b> \$437,674	358	2	6.543%
<b>Group 2 Trust Assets</b> \$450,000,000	357	2	6.079%
<b>Group 3 Trust Assets</b> <sup>(3)</sup> \$700,000,000	477	3	7.136%
<b>Subgroup 4A Trust Assets</b> \$15,000,000	358	1	6.111%
<b>Subgroup 4B Trust Assets</b> \$212,058,443	358	1	6.111%
Subgroup 4C Trust Assets \$274,493,860	358	1	6.111%
<b>Group 5 Trust Assets</b> \$10,000,000	357	2	5.928%
<b>Group 6 Trust Assets</b> \$168,300,511	356	3	5.925%
<b>Group 7 Trust Assets</b> (3) \$225,000,000	476	3	7.307%
<b>Group 8 Trust Assets</b> <sup>(4)</sup> \$25,340,343	256	99	4.435%
<b>Group 9 Trust Assets</b> (4) \$22,423,613	122	230	6.451%
<b>Group 11 Trust Assets</b> (4) \$4,939,202	124	227	6.928%
<b>Group 12 Trust Assets</b> \$236,410,595	357	2	6.488%
<b>Group 14 Trust Assets</b> \$80,000,000	358	2	6.084%

Principal Balance	Weighted Average Remaining Term to Maturity (in months)	Weighted Average Loan Age (in months)	Weighted Average Mortgage Rate <sup>(2)</sup>
<b>Group 15 Trust Assets</b> (4) \$36,609,904	331	28	6.626%
<b>Group 16 Trust Assets</b> \$214,287,336	358	1	6.087%
<b>Group 17 Trust Assets</b> \$109,031,996	345	4	6.984%

<sup>(1)</sup> As of November 1, 2025.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1 through 9, 11, 12 and 14 through 17 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See "The Trust Assets — The Mortgage Loans" in this Supplement.

**Characteristics of the Group 10 and 13 Trust Assets:** See Exhibit A to this Supplement for certain information regarding the characteristics of the related Underlying Certificates.

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

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

**Increased Minimum Denomination Classes:** Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate Class. *See "Description of the Securities" in this Supplement.* 

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

<sup>&</sup>lt;sup>(2)</sup> The Mortgage Loans underlying the Group 1 through 9, 11, 12 and 14 through 17 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

 $<sup>^{(3)}</sup>$  The Mortgage Loans underlying the Group 3 and 7 Trust Assets are modified loans with terms greater than or equal to 361 but not more than 480 months from the pool issuance date.

<sup>&</sup>lt;sup>(4)</sup> The Mortgage Loans underlying the Group 8, 9, 11 and 15 Trust Assets may be re-performing Mortgage Loans that were previously repurchased from one or more pools of Mortgage Loans underlying one or more Ginnie Mae MBS Certificates.

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on a 30-day compounded average of the Secured Overnight Financing Rate ("SOFR") (hereinafter referred to as "30-day Average SOFR") as follows:

Class	Interest Rate Formula(1)	Initial Interest Rate(2)	Minimum Rate	Maximum Rate	Delay (in days)	30-day Average SOFR for Minimum Interest Rate
Security Group 1						
AF	30-day Average SOFR + 0.85%	5.03279000%	0.85%	7.00000000%	0	0.00%
FA	30-day Average SOFR + 1.00%	5.18279000%	1.00%	7.00000000%	0	0.00%
FC	30-day Average SOFR + 1.05%	5.24683000%	1.05%	6.500000000%	0	0.00%
FJ	30-day Average SOFR + 1.05%	5.19771000%	1.05%	6.50000000%	0	0.00%
FU	30-day Average SOFR + 1.05%	5.25285000%	1.05%	6.500000000%	0	0.00%
SA	6.00% - 30-day Average SOFR	1.81721000%	0.00%	6.00000000%	0	6.00%
SC	5.45% - 30-day Average SOFR	1.25317000%	0.00%	5.45000000%	0	5.45%
SJ	5.45% - 30-day Average SOFR	1.28956538%	0.00%	5.45000000%	0	5.45%
SK	5.45% - 30-day Average SOFR	1.26750757%	0.00%	5.45000000%	0	5.45%
TI	6.15% - 30-day Average SOFR	0.150000000%	0.00%	0.150000000%	0	6.15%
UF	30-day Average SOFR + 1.25%	5.41105000%	1.25%	7.00000000%	19	0.00%
US	14.37499922% - (30-day Average SOFR x 2.4999998)	3.972375000%	0.00%	14.37499922%	19	5.75%
Security Group 2						
BF	30-day Average SOFR + 1.05%	5.25285000%	1.05%	6.500000000%	0	0.00%
$F  \dots \dots \dots \dots$	30-day Average SOFR + 1.05%	5.25285000%	1.05%	6.50000000%	0	0.00%
FB	30-day Average SOFR + 1.15%	5.35386000%	1.15%	6.00000000%	0	0.00%
S	5.45% - 30-day Average SOFR	1.24715000%	0.00%	5.45000000%	0	5.45%
SB	4.85% - 30-day Average SOFR	0.64614000%	0.00%	4.85000000%	0	4.85%
Security Group 3						
FE	30-day Average SOFR + 1.05%	5.25185000%	1.05%	6.500000000%	0	0.00%
SE	5.45% - 30-day Average SOFR	1.24815000%	0.00%	5.45000000%	0	5.45%
Security Group 4						
GF	30-day Average SOFR + 1.05%	5.21105000%	1.05%	6.50000000%	0	0.00%
GS	5.45% - 30-day Average SOFR	1.28895000%	0.00%	5.45000000%	0	5.45%
Security Group 6						
FH	30-day Average SOFR + 1.05%	5.23881000%	1.05%	6.500000000%	0	0.00%
SH	5.45% - 30-day Average SOFR	1.26119000%	0.00%	5.45000000%	0	5.45%
Security Group 7						
FD	30-day Average SOFR + 1.00%	5.18145000%	1.00%	7.00000000%	0	0.00%
SD	6.00% - 30-day Average SOFR	1.81855000%	0.00%	6.00000000%	0	6.00%
Security Group 12						
FM	30-day Average SOFR + 0.80%	4.94771000%	0.80%	8.00000000%	0	0.00%
SM	7.20% - 30-day Average SOFR	3.05229000%	0.00%	7.20000000%	0	7.20%
Security Group 14						
FG	30-day Average SOFR + 1.45%	5.500000000%	1.45%	5.500000000%	0	0.00%
SG	4.05% - 30-day Average SOFR	0.00000000%	0.00%	4.050000000%	0	4.05%
Security Group 16						
FN	30-day Average SOFR + 1.05%	5.25285000%	1.05%	6.500000000%	0	0.00%
SN	5.45% - 30-day Average SOFR	1.24715000%	0.00%	5.450000000%	0	5.45%
Security Group 6 FH	30-day Average SOFR + 1.05% 5.45% - 30-day Average SOFR 30-day Average SOFR + 1.00% 6.00% - 30-day Average SOFR 30-day Average SOFR + 0.80% 7.20% - 30-day Average SOFR 30-day Average SOFR + 1.45% 4.05% - 30-day Average SOFR 30-day Average SOFR + 1.05%	5.23881000% 1.26119000% 5.18145000% 1.81855000% 4.94771000% 3.05229000% 5.50000000% 0.00000000% 5.25285000%	1.05% 0.00% 1.00% 0.00% 0.80% 0.00% 1.45% 0.00%	6.50000000% 5.45000000% 7.00000000% 6.00000000% 8.00000000% 7.20000000% 4.05000000% 6.50000000%	0 0 0 0 0 0	0.00% 5.45% 0.00% 6.00% 0.00% 7.20% 0.00% 4.05%

<sup>(1) 30-</sup>day Average SOFR will be established as described under "Description of the Securities — Interest Distributions — Floating Rate and Inverse Floating Rate Classes" in this Supplement.

<sup>(2)</sup> The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

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

#### **SECURITY GROUP 1**

The Subgroup 1A Principal Distribution Amount, the Subgroup 1B Principal Distribution Amount, the Subgroup 1C Principal Distribution Amount and the Subgroup 1D Principal Distribution Amount will be allocated, concurrently, as follows:

- 71.4285714286% of the Subgroup 1A Principal Distribution Amount, concurrently, to FJ and FU, pro rata, until retired
- 28.5714285714% of the Subgroup 1A Principal Distribution Amount and 44.4444952179% of the Subgroup 1D Principal Distribution Amount, sequentially, to CA and CB, in that order, until retired
- 74.9999990625% of the Subgroup 1B Principal Distribution Amount to FC, until retired
- 60.0000004847% of the Subgroup 1C Principal Distribution Amount and 55.5555047821% of the Subgroup 1D Principal Distribution Amount to AF, until retired
- 25.00000009375% of the Subgroup 1B Principal Distribution Amount and 39.9999995153% of the Subgroup 1C Principal Distribution Amount will be allocated as follows:
- 1. Sequentially, to P and PB, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
  - 2. Concurrently, as follows:
    - a. 22.0592423177%, concurrently, to UA and UO, pro rata, until retired
    - b. 77.9407576823% in the following order of priority:
  - i. To UD, until reduced to its Aggregate Scheduled Principal Balance for that Distribution Date
    - ii. Concurrently, to UF and US, pro rata, until retired
    - iii. To UD, without regard to its Aggregate Scheduled Principal Balance, until retired
- 3. Sequentially, to P and PB, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

#### **SECURITY GROUP 2**

The Group 2 Principal Distribution Amount will be allocated, concurrently, to BA, BF, BT, F and FB, pro rata, until retired

#### **SECURITY GROUP 3**

The Group 3 Principal Distribution Amount will be allocated to FE, until retired

## **SECURITY GROUP 4**

The Subgroup 4A Principal Distribution Amount, the Subgroup 4B Principal Distribution, the Subgroup 4C Principal Distribution and the DZ Accrual Amount will be allocated as follows:

• The DZ Accrual Amount, sequentially, to DV and DZ, in that order, until retired

- 66.666666667% of the Subgroup 4A Principal Distribution Amount to GT, until retired
- 66.666669810% of the Subgroup 4B Principal Distribution Amount, sequentially, to AB and AL, in that order, until retired
- 66.666667881% of the Subgroup 4C Principal Distribution Amount, sequentially, to DA, DM, DN, DV and DZ, in that order, until retired
- 33.333333333% of the Subgroup 4A Principal Distribution Amount, 33.3333330190% of the Subgroup 4B Principal Distribution Amount and 33.33333332119% of the Subgroup 4C Principal Distribution Amount to GF, until retired

#### **SECURITY GROUP 5**

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

#### **SECURITY GROUP 6**

The Group 6 Principal Distribution Amount and the ZU Accrual Amount will be allocated as follows:

- 56.6844713858% of the Group 6 Principal Distribution Amount, concurrently, to A and FH, pro rata, until retired
- The ZU Accrual Amount and 43.3155286142% of the Group 6 Principal Distribution Amount in the following order of priority:
- 1. Sequentially, to PA, PN and PL, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
  - 2. To ZU, until retired
- 3. Sequentially, to PA, PN and PL, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

#### **SECURITY GROUP 7**

The Group 7 Principal Distribution Amount will be allocated to FD, until retired

## **SECURITY GROUP 8**

The Group 8 Principal Distribution Amount and the GZ Accrual Amount will be allocated, sequentially, to GA and GZ, in that order, until retired

## **SECURITY GROUP 9**

The Group 9 Principal Distribution Amount will be allocated to G, until retired

## **SECURITY GROUP 10**

The Group 10 Principal Distribution Amount and the HZ Accrual Amount will be allocated, sequentially, to HA and HZ, in that order, until retired

## **SECURITY GROUP 11**

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

#### **SECURITY GROUP 12**

The Group 12 Principal Distribution Amount and the UZ Accrual Amount will be allocated as follows:

- 33.3333330513% of the Group 12 Principal Distribution Amount to FM, until retired
- The UZ Accrual Amount and 66.666669487% of the Group 12 Principal Distribution Amount in the following order of priority:
- 1. Sequentially, to KA, KB, KM and KL, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
  - 2. To UZ, until retired
- 3. Sequentially, to KA, KB, KM and KL, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

#### **SECURITY GROUP 13**

The Group 13 Principal Distribution Amount and the JZ Accrual Amount will be allocated, sequentially, to JV and JZ, in that order, until retired

#### **SECURITY GROUP 14**

The Group 14 Principal Distribution Amount will be allocated to FG, until retired

#### **SECURITY GROUP 15**

The Group 15 Principal Distribution Amount will be allocated, sequentially, to EA and EL, in that order, until retired

#### **SECURITY GROUP 16**

The Group 16 Principal Distribution Amount and the NZ Accrual Amount will be allocated as follows:

- The NZ Accrual Amount, sequentially, to NV and NZ, in that order, until retired
- 33.3333333333% of the Group 16 Principal Distribution Amount to FN, until retired
- 66.66666667% of the Group 16 Principal Distribution Amount, sequentially, to NA, NV and NZ, in that order, until retired

#### **SECURITY GROUP 17**

The Group 17 Principal Distribution Amount and the QZ Accrual Amount will be allocated in the following order of priority:

- 1. To QP, until reduced to its Scheduled Principal Balance for that Distribution Date
- 2. To QZ, until retired
- 3. To QP, 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:

Security Grou	<u>p</u>	Structuring Ranges
	PAC Classes	
6	PA, PL and PN (in the aggregate)	150% PSA through 300% PSA
12	KA, KB, KL and KM (in the aggregate)	250% PSA through 350% PSA
17	QP	150% PSA through 300% PSA
	PAC I Classes	
1	P and PB (in the aggregate)	150% PSA through 250% PSA
	PAC II Class	
1	UD*	170% PSA through 250% PSA

<sup>\*</sup> The Initial Effective Range is 174% PSA through 257% 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 indicated:

Class	Original Class Notional Balance	Represents Approximately
Security (	Group 1	
IC	\$ 953,440	12.5% of CB (SEQ Class)
SA	25,000,000	100% of AF (PT Class)
SC	200,000,000	100% of FC (PT Class)
SJ	130,000,000	100% of FJ and FU (in the aggregate) (PT Classes)
SK	330,000,000	100% of FC, FJ and FU (in the aggregate) (PT Classes)
	25,000,000	100% of AF (PT Class)
UI	7,092,000	83.333333333% of UF and US (in the aggregate) (SUP Classes)
Security (	Group 2	
3	\$175,000,000	100% of BF and F (in the aggregate) (PT Classes)
8B	50,000,000	100% of FB (PT Class)
ecurity (	Group 3	
SE	\$700,000,000	100% of FE (PT Class)
Security (	Group 4	
CI	\$ 25,843,272	18.18181818% of DA, DM and DN (in the aggregate) (SEQ Classes)
DI	20,109,636	18.181818189% of DA (SEQ Class)
GS	167,184,100	100% of GF (PT Class)
D	23,110,909	18.18181818% of DA and DM (in the aggregate) (SEQ Classes)
(O	4,545,454	4.5454545455% of AB (SEQ Class)

Original Class Class Notional Balance	Represents Approximately
Security Group 6	
AI \$ 5,464,909	9.090909090% of PA, PL and PN (in the aggregate) (PAC/AD Classes)
IP 5,211,545	9.090909090% of PA and PN (in the aggregate) (PAC/AD Classes)
PI 4,865,090	9.0909090909% of PA (PAC/AD Class)
SH 85,400,255	100% of FH (PT Class)
Security Group 7	
SD \$225,000,000	100% of FD (PT Class)
Security Group 9	
GI \$ 11,211,806	50% of G (PT Class)
Security Group 11	
HI \$ 2,659,570	53.8461538462% of H (PT Class)
Security Group 12	
IK \$ 21,264,000	16.6666666667% of KA and KB (in the aggregate) (PAC/AD Classes)
IM 23,767,844	16.666666667% of KA, KB, KL and KM (in the aggregate) (PAC/AD Classes)
KI 19,799,333	16.6666666667% of KA (PAC/AD Class)
MI 22,667,166	16.6666666667% of KA, KB and KM (in the aggregate) (PAC/AD Classes)
SM 78,803,531	100% of FM (PT Class)
Security Group 14	
SG \$ 80,000,000	100% of FG (PT Class)
<b>Security Group 15</b>	
EI \$ 9,428,333	33.3333333333% of EA (SEQ Class)
IE 2,774,968	33.33333333333% of EL (SEQ Class)
IG 12,203,301	33.333333333% of EA and EL (in the aggregate) (SEQ Classes)
Security Group 16	
NI \$ 4,545,454	4.5454545455% of NA (SEQ Class)
SN 71,429,112	100% of FN (PT Class)
Security Group 17	
QI \$ 35,275,873	38.4615384615% of QP (PAC/AD Class)

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

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

#### **RISK FACTORS**

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

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

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

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

A catastrophic weather event, 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 (principal only securities, for example) and

principal payments are slower than you expected.

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

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

The levels of 30-day Average SOFR will affect the yields on the floating rate and inverse floating rate securities. If 30-day Average SOFR performs differently from what you expect, the yield on the floating rate and inverse floating rate securities may be lower than you expect. Lower levels of such index will generally reduce the yield on the floating rate securities; higher levels of such index will generally reduce the yield on the inverse floating rate securities. You should bear in mind that the timing of changes in the level of such index may affect your yield:

generally, the earlier a change, the greater the effect on your yield. It is doubtful that such index will remain constant.

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

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

The rate of payments on the underlying certificates will directly affect the rate of payments on the group 10 and 13 securities. The underlying certificates will be sensitive in varying degrees to:

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

As described in the related underlying certificate disclosure documents, certain of the underlying

certificates included in trust asset groups 10 and 13 are not entitled to distributions of principal until certain classes of the related underlying series have been retired and, accordingly, distributions of principal of the related mortgage loans for extended periods may be applied to the distribution of principal of such classes of certificates having priority over these underlying certificates. Accordingly, these underlying certificates may receive no principal distributions for extended periods of time.

The trust assets underlying certain of the underlying certificates included in trust asset groups 10 and 13 are also previously issued certificates that represent beneficial ownership interests in separate trusts. The rate of payments on the previously issued certificates backing these underlying certificates will directly affect the timing and rate of payments on the group 10 and 13 securities. You should read the related underlying certificate disclosure documents, including the risk factors contained therein, to understand the payments on and related risks of the previously issued certificates backing these underlying certificates.

This supplement contains no information as to whether the underlying certificates have performed as originally anticipated. Additional information as to the underlying certificates may be obtained by performing an analysis of current principal factors of the underlying certificates in light of applicable information contained in the related underlying certificate disclosure documents.

Up to 10% of the mortgage loans underlying the group 1 through 9 and 11 through 17 trust assets and up to 100% of the mortgage loans underlying the group 10 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 prepay-

ment rates for higher balance mortgage loans. If the higher balance mortgage loans prepay faster or slower than expected, the weighted average lives and yields of the related securities are likely to be affected, perhaps significantly. Furthermore, higher balance mortgage loans tend to be concentrated in certain geographic areas, which may experience relatively higher rates of defaults in the event of adverse economic conditions. No assurances can be given about the prepayment experience or performance of the higher balance mortgage loans.

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

30-day Average SOFR is a relatively new market index, and the floating rate and inverse floating rate securities will likely have no established trading market when issued, and an established trading market may never develop or, if developed, may not be liquid. Market terms for securities indexed to 30-day Average SOFR may

evolve over time, and trading prices of some securities indexed to 30-day Average SOFR may be lower than those of later-issued securities as a result. Similarly, if 30-day Average SOFR does not prove to be widely used in similar securities, the trading price of related SOFR-Based Classes may be lower than those of securities linked to indices that are more widely used. Investors in SOFR-Based Classes may not be able to sell their securities at all or may not be able to sell their securities at prices that will provide them with a yield comparable to similar investments that have a developed secondary market, and may consequently suffer from increased pricing volatility and market risk.

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

Interest on the floating rate and inverse floating rate securities will be determined using a replacement rate if 30-day Average SOFR is no longer available, which could adversely affect the value of your investment in the floating rate and inverse floating rate securities. 30-day Average SOFR is published by the Federal Reserve Bank of New York based on data received from other sources, and neither Ginnie Mae nor the trustee has any control over its determination, calculation or publication. The activities of the Federal Reserve Bank of New York may directly affect prevailing 30-day Average SOFR in unpredictable ways. There can be no guarantee that 30-day Average SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of holders of securities indexed to 30-day Average SOFR. If the manner in which 30-day Average SOFR is calculated is changed or if 30-day Average SOFR is discontinued, that change or discontinuance may result in a reduction of the amount of interest payable on applicable SOFR-Based Classes and the trading prices of such Classes.

The Federal Reserve Bank of New York has noted that it may alter the methods of calculation, publication schedule, rate revision practices or availability of 30-day Average SOFR at any time without notice. There can be no assurance that 30-day Average SOFR will not be discontinued or fundamentally altered in a manner that is materially adverse to the interests of investors in the floating rate and inverse floating rate securities.

If 30-day Average SOFR is no longer published or cannot be used, the amount of interest payable on the floating rate and inverse floating rate securities will be determined using a replacement rate, as described under "Description of the Securities — Interest Rate Indices — Benchmark Replacement" in the base offering circular. Ginnie Mae will have the sole discretion to make conforming changes in connection with any replacement rate without the consent of security holders or any other party, as described under "Description of the Securities - Interest Rate Indices — Benchmark Replacement" in the base offering circular. This could reduce the amount of interest payable on the floating rate and inverse floating rate securities, which could adversely affect the return on, value of, and market for, the floating rate and inverse floating rate securities. Furthermore, there can be no assurance that the characteristics of any replacement rate will be similar to 30-day Average SOFR or that any replacement rate will produce the economic equivalent of 30-day Average SOFR.

The securities may not be a suitable investment for you. The securities, especially the group 10 and 13 securities and, in particular, the support, interest only, principal only, inverse floating rate, accrual and residual classes, are not suitable investments for all investors.

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

will enable you to realize a desired yield on that investment.

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

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

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

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

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

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

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

#### THE TRUST ASSETS

#### General

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

#### The Trust MBS (Groups 1 through 9, 11, 12 and 14 through 17)

The Trust MBS are either:

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

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

Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

## The Underlying Certificates (Groups 10 and 13)

The Group 10 and 13 Trust Assets are Underlying Certificates that represent beneficial ownership interests in one or more separate trusts, the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. Each Underlying Certificate constitutes all or a portion of a class of a separate Series of certificates described in the related Underlying Certificate Disclosure Document. Each Underlying Certificate Disclosure Document may be obtained from the Information Agent as described under "Available Information" in this Supplement or on ginniemae.gov. Investors are cautioned that material changes in facts and circumstances may have occurred since the date of each Underlying Certificate Disclosure Document, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions used in preparing the information included in, the offering document. See "Underlying Certificates" in the Base Offering Circular.

Each Underlying Certificate provides for monthly distributions and is further described in the table contained in Exhibit A to this Supplement.

## The Mortgage Loans

The Mortgage Loans underlying the Group 1 through 9, 11, 12 and 14 through 17 Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in the Terms Sheet under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1 through 9, 11, 12 and 14 through 17 Trust Assets" and the general characteristics described in the Base Offering Circular. The Mortgage Loans will consist of first lien, single-family, fixed rate, residential mortgage loans that are insured or guaranteed by the Federal Housing Administration, the United States Department of Veterans Affairs, Rural Development (formerly the Rural Housing Service) or the United States Department of Housing and Urban Development ("HUD"). See "The Ginnie Mae Certificates — General" in the Base Offering Circular.

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

#### The Trustee Fee

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

#### **GINNIE MAE GUARANTY**

The Government National Mortgage Association ("Ginnie Mae"), a wholly-owned corporate instrumentality of the United States of America within HUD, guarantees the timely payment of principal

and interest on the Securities. The General Counsel of HUD has provided an opinion to the effect that Ginnie Mae has the authority to guarantee multiclass securities and that Ginnie Mae guaranties will constitute general obligations of the United States, for which the full faith and credit of the United States is pledged. See "Ginnie Mae Guaranty" in the Base Offering Circular.

#### **DESCRIPTION OF THE SECURITIES**

#### General

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

#### **Form of Securities**

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

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

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

#### **Distributions**

Distributions on the Securities will be made on each Distribution Date as specified under "Terms Sheet — Distribution Date" in this Supplement. On each Distribution Date for a Security, or in the case of the Certificated Securities, on the first Business Day after the related Distribution Date, the Distribution Amount will be distributed to the Holders of record as of the related Record Date. Beneficial Owners of Book-Entry Securities will receive distributions through credits to accounts maintained for their benefit on the books and records of the appropriate financial intermediaries. Holders of Certificated Securities will receive distributions by check or, subject to the restrictions set forth in the Base Offering Circular, by wire transfer. See "Description of the Securities — Distributions" and "— Method of Distributions" in the Base Offering Circular.

#### **Interest Distributions**

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

• Interest will be calculated on the basis of a 360-day year consisting of twelve 30-day months.

- Interest distributable (or accrued in the case of an Accrual Class) on any Class for any Distribution Date will consist of 30 days' interest on its Class Principal Balance (or Class Notional Balance) as of the related Record Date.
- Investors can calculate the amount of interest to be distributed (or accrued in the case of an Accrual Class) on each Class of Securities for any Distribution Date by using the Class Factors published in the preceding month. See "— Class Factors" below.

## Categories of Classes

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

#### Accrual Periods

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

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

#### Fixed Rate Classes

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

#### Floating Rate and Inverse Floating Rate Classes

The Floating Rate and Inverse Floating Rate Classes will bear interest as shown under "Terms Sheet — Interest Rates" in this Supplement. The Interest Rates for the Floating Rate and Inverse Floating Rate Classes will be based on 30-day Average SOFR as described below.

The Interest Rate for the Floating Rate and Inverse Floating Rate Classes will be based on 30-day Average SOFR. The Trustee or its agent will determine 30-day Average SOFR as described under "Description of the Securities — Interest Rate Indices — Determination of 30-day Average SOFR" in the Base Offering Circular.

If 30-day Average SOFR ceases to be available or is no longer representative, a replacement rate will be selected, as described under "Description of the Securities — Interest Rate Indices — Benchmark Replacement" in the Base Offering Circular.

The Trustee's determination of 30-day Average SOFR and its calculation of the Interest Rates will be final except in the case of clear error. Investors can obtain 30-day Average SOFR levels and Interest Rates for the current and preceding Accrual Periods on ginniemae.gov or by calling the Information Agent at (800) 234-GNMA.

#### Accrual Classes

Each of Classes DZ, GZ, HZ, JZ, NZ, QZ, UZ and ZU, is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under "Terms Sheet — Accrual Classes" in this Supplement.

### **Principal Distributions**

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

#### Categories of Classes

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

#### Notional Classes

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

#### **Residual Securities**

The Residual Securities will represent the beneficial ownership of the Residual Interest in the Trust REMICs, as described in "Certain United States Federal Income Tax Consequences" in this Supplement and the Base Offering Circular. The Residual Securities have no Class Principal Balance and do not accrue interest. The Residual 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. The exercise of this option may be influenced by a number of factors, including but not limited to, the value of the Trust Assets then remaining in the Trust and general market conditions. The Trustee will be entitled to retain all proceeds and any other amounts in excess of the termination price payable to the Securities under the Trust Agreement.

On any Distribution Date upon the Trustee's determination that the REMIC status of any Trust REMIC has been lost or that a substantial risk exists that this status will be lost for the then current taxable year, the Trustee will terminate the Trust and retire the Securities.

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

#### **Modification and Exchange**

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 3, 5, 6, 7, 10, 13, 14, 15, 18, 20, 21, 22, 23, 24, 26, 27, 28 and 30, 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 3, 5, 6, 7, 10, 13, 14, 15, 18, 20, 21, 22, 23, 24, 26, 27, 28 and 30, 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 USBGNMA@USBank.com or in writing at its Corporate Trust Office at U.S. Bank National Association, One Federal Street, 3rd Floor, Boston, MA 02110, Attention: Ginnie Mae REMIC Program Agency Group 2025-192. The Trustee may be contacted by telephone at (617) 603-6451.

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

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

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

#### YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

#### General

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

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

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

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

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

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

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

Investors in the Group 10 and 13 Securities are urged to review the discussion under "Risk Factors — The rate of payments on the underlying certificates will directly affect the rate of payments on the group 10 and 13 securities" in this Supplement.

#### **Accretion Directed Classes**

Classes DV, GA, HA, JV, KA, KB, KL, KM, NV, PA, PL, PN and QP are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement.

Each of the Accretion Directed Classes has the AD designation in the suffix position, rather than the prefix position, in its class principal type because it does not have principal payment stability through the applicable pricing prepayment assumption. Classes DV and NV will have principal payment stability only through the prepayment rate shown in the table below. The remaining Accretion Directed Classes are not listed in the table below because, although they 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 Range.

The Accretion Directed Classes are entitled to principal payments in an amount equal to interest accrued on the related Accrual Classes. With respect to the Classes listed in the table below, the Weighted Average Life of each such Class cannot exceed its Weighted Average Life as shown in the following table under any constant prepayment scenario, even a scenario where there are no prepayments.

- Moreover, based on the Modeling Assumptions, if the related Mortgage Loans prepay at any
  constant rate at or below the rate for an Accretion Directed Class shown in the table below, the
  Class Principal Balance of such Class would be reduced to zero on, but not before, its Final Distribution Date, and the Weighted Average Life of such Class would equal its maximum Weighted
  Average Life shown in the table below.
- However, the Weighted Average Lives of Classes DV and NV will be reduced at prepayment speeds higher than the constant rates shown in the table below. See "Yield, Maturity and Prepayment Considerations Decrement Tables" in this Supplement.

#### **Accretion Directed Classes**

Security Group	Class	Average Life (in years) <sup>(1)</sup>	Final Distribution Date	Prepayment Rate at or below
4	DV	6.0	November 2036	207% PSA
16	NV	6.0	November 2036	162% PSA

<sup>(1)</sup> The maximum Weighted Average Life for each Class shown in this table is based on the Modeling Assumptions and the assumption that the related Mortgage Loans prepay at any constant rate at or below the rate shown in the table for such Class.

The Mortgage Loans will have characteristics that differ from those of the Modeling Assumptions. Therefore, even if the related Mortgage Loans prepay at a rate at or somewhat below the "at or below" rate shown for Class DV or NV, the Class Principal Balance of such Class could be reduced to zero before its Final Distribution Date, and its Weighted Average Life could be shortened.

### Securities that Receive Principal on the Basis of Schedules

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

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

Security Group		Initial Effective Ranges
	PAC Classes	
6	PA, PL and PN (in the aggregate)	. 150% PSA through 300% PSA
12	KA, KB, KL and KM (in the aggregate)	. 250% PSA through 350% PSA
17	QP	. 150% PSA through 300% PSA
	PAC I Classes	
1	P and PB (in the aggregate)	. 150% PSA through 250% PSA
	PAC II Class	
1	UD	. 174% PSA through 257% PSA

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

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

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

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

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

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

## **Assumability**

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

## **Final Distribution Date**

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

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

#### **Modeling Assumptions**

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

1. The Mortgage Loans underlying the Group 1 through 9, 11, 12 and 14 through 17 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Group 1 through 9, 11, 12 and 14 through 17 Trust Assets" in the Terms Sheet, except in the case of information set forth under the 0% PSA Prepayment Assumption Rate, for which each Mortgage Loan underlying a Group 1, 2, 4 through 6, 8, 9, 11, 12 or 14 through 17 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months, each Mortgage Loan underlying a Group 3 or 7 Trust Asset is assumed to have an original and a remaining term to maturity of 480 months and each Mortgage Loan underlying a Group 1 through 9, 11, 12 or 14 through 17 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 2025.
  - 4. A termination of the Trust or any Underlying Trust does not occur.
  - 5. The Closing Date for the Securities is November 28, 2025.
- 6. No expenses or fees are paid by the Trust other than the Trustee Fee, which is paid as described under "The Trust Assets The Trustee Fee" in this Supplement.
- 7. Distributions on the Underlying Certificates are made as described in the related Underlying Certificate Disclosure Documents.
  - 8. Each Class is held from the Closing Date and is not exchanged in whole or in part.

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

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

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

## **Decrement Tables**

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

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

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

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

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

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

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

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

Security Group 1 PSA Prepayment Assumption Rates

	C	lasses A	F, FA, S	SA and	п		(	Class CA	<b>A</b>		Cla		, CL, Cl X and I		CQ,		(	Class CI		
Distribution Date	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	99	96	95	95	90	99	96	95	94	89	100	100	100	100	100	99	96	95	95	90
November 2027	98	89	86	84	71	98	87	84	81	66	100	100	100	100	100	98	89	86	84	71
November 2028	97	80	74	71	49	97	77	70	66	41	100	100	100	100	100	97 97	80	74	71	49
November 2029	96	72	64	59	34	95	67	58	52	23	100	100	100	100	100	96	72	64	59	34
November 2030	95	65	55	50	23	94	59	48	41	10	100	100	100	100	100	95	65	55	50	23
November 2031	93	58	47	41	16	92	51	38	31	2	100	100	100	100	100	93	58	47	41	16
November 2032	92	52	41	35	11	90	43	31	23	0	100	100	100	100	76	92	52	41	35	11
November 2033	90	46	35	29	8	89	37	24	17	0	100	100	100	100	52	90	46	35	29	8
November 2034	89	41	30	24	5	87	31	18	11	0	100	100	100	100	36	89	41	30	24	5
November 2035	87	36	25	20	4	85	26	13	6	0	100	100	100	100	24	87	36	25	20	4
November 2036	85	32	22	16	2	82	21	8	2	ő	100	100	100	100	17	85	32	22	16	2
November 2037	83	29	18	14	2	80	16	4	0	ő	100	100	100	93	11	83	29	18	14	2
November 2038	80	25	16	11	1	77	12	î	ŏ	ő	100	100	100	77	8	80	25	16	11	ī
November 2039	78	22	13	9	1	74	9	0	Ő	Ő	100	100	90	63	5	78	22	13	9	1
November 2040	75	19	11	8	1	71	6	Ő	ő	ő	100	100	76	52	4	75	19	11	8	1
November 2041	73	17	9	6	0	68	3	ő	ŏ	ő	100	100	64	42	2	73	17	9	6	0
November 2042	70	15	8	5	0	64	0	0	Ő	0	100	100	53	34	2	70	15	8	5	Õ
November 2043	66	13	6	4	ő	60	Ő	Ő	Ő	Ő	100	87	44	27	1	66	13	6	4	ŏ
November 2044	63	11	5	3	Ŏ	56	Ŏ	Ŏ	Ő	Ŏ	100	75	36	22	1	63	11	5	3	Ŏ
November 2045	59	9	4	3	0	52	0	0	Ő	0	100	63	30	17	0	59	9	4	3	Õ
November 2046	55	8	3	2	0	47	0	0	Ő	0	100	53	24	14	Õ	55	8	3	2	Õ
November 2047	50	6	3	2	Ŏ	42	Ö	Ö	Ő	Ö	100	44	19	11	Ö	50	6	3	2	Õ
November 2048	46	5	2	1	0	36	0	0	0	0	100	36	15	8	0	46	5	2	1	0
November 2049	40	4	2	1	0	30	0	0	0	0	100	29	12	6	0	40	4	2	1	0
November 2050	35	3	1	1	0	24	0	0	0	0	100	23	9	4	0	35	3	1	1	0
November 2051	29	2	1	0	0	17	0	0	0	0	100	17	6	3	0	29	2	1	0	0
November 2052	22	2	1	0	0	9	0	0	0	0	100	12	4	2	0	22	2	1	0	0
November 2053	16	1	0	0	0	1	0	0	0	0	100	7	2	1	0	16	1	0	0	0
November 2054	8	0	0	0	0	0	0	0	0	0	55	3	1	0	0	8	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	20.2	9.1	7.3	6.4	3.7	18.7	6.9	5.4	4.8	2.8	29.1	22.0	18.4	16.3	8.9	20.2	9.1	7.3	6.4	3.7

PSA Prepayment Assumption Rates

		Class	es FC a	nd SC			Classes	FJ, FU	and SJ		Class		U, UB, UI and		, UF,			Class P		
Distribution Date	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	99	96	95	95	90	99	96	95	95	90	100	100	95	90	58	98	92	92	92	92
November 2027	98	89	86	84	71	98	89	86	84	71	100	100	85	68	0	96	77	77	77	75
November 2028	97	80	74	71	49	97	80	74	71	49	100	100	72	43	0	94	58	58	58	28
November 2029	96	72	64	59	34	96	72	64	59	34	100	100	63	26	0	91	40	40	40	0
November 2030	95	65	55	50	23	95	65	55	50	23	100	100	57	14	0	88	24	24	24	0
November 2031	93	58	47	41	16	93	58	47	41	16	100	100	53	7	0	85	9	9	9	0
November 2032	92	52	41	35	11	92	52	41	35	11	100	100	48	1	0	82	0	0	0	0
November 2033	90	46	35	29	8	90	46	35	29	8	100	100	46	0	0	79	0	0	0	0
November 2034	89	41	30	24	5	89	41	30	24	5	100	100	45	0	0	75	0	0	0	0
November 2035	87	36	25	20	4	87	36	25	20	4	100	100	43	0	0	71	0	0	0	0
November 2036	85	32	22	16	2	85	32	22	16	2	100	100	40	0	0	67	0	0	0	0
November 2037	83	29	18	14	2	83	29	18	14	2	100	100	37	0	0	63	0	0	0	0
November 2038	80	25	16	11	1	80	25	16	11	1	100	100	34	0	0	58	0	0	0	0
November 2039	78	22	13	9	1	78	22	13	9	1	100	99	30	0	0	53	0	0	0	0
November 2040	75	19	11	8	1	75	19	11	8	1	100	91	27	0	0	47	0	0	0	0
November 2041	73	17	9	6	0	73	17	9	6	0	100	82	24	0	0	41	0	0	0	0
November 2042	70	15	8	5	0	70	15	8	5	0	100	74	21	0	0	34	0	0	0	0
November 2043	66	13	6	4	0	66	13	6	4	0	100	66	18	0	0	27	0	0	0	0
November 2044	63	11	5	3	0	63	11	5	3	0	100	59	16	0	0	20	0	0	0	0
November 2045	59	9	4	3	0	59	9	4	3	0	100	51	13	0	0	11	0	0	0	0
November 2046	55	8	3	2	0	55	8	3	2	0	100	44	11	0	0	2	0	0	0	0
November 2047	50	6	3	2	0	50	6	3	2	0	100	38	9	0	0	0	0	0	0	0
November 2048	46	5	2	1	0	46	5	2	1	0	100	31	8	0	0	0	0	0	0	0
November 2049	40	4	2	1	0	40	4	2	1	0	100	26	6	0	0	0	0	0	0	0
November 2050	35	3	1	1	0	35	3	1	1	0	100	20	5	0	0	0	0	0	0	0
November 2051	29	2	1	0	0	29	2	1	0	0	100	15	3	0	0	0	0	0	0	0
November 2052	22	2	1	0	0	22	2	1	0	0	100	11	2	0	0	0	0	0	0	0
November 2053	16	1	0	0	0	16	1	0	0	0	100	7	1	0	0	0	0	0	0	0
November 2054	8	0	0	0	0	8	0	0	0	0	61	3	1	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																/				- /
Life (years)	20.2	9.1	7.3	6.4	3.7	20.2	9.1	7.3	6.4	3.7	29.2	20.7	9.7	3.0	1.1	13.4	3.5	3.5	3.5	2.4

Security Group 1 PSA Prepayment Assumption Rates

		(	Class PI	3			(	Class SE				Classe	s UA ar	nd UO			(	Class UI	)	
Distribution Date	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%	0%	150%	210%	250%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	100	100	100	100	100	99	96	95	95	90	100	100	94	90	66	100	100	91	91	91
November 2027	100	100	100	100	100	98	89	86	84	71	100	100	81	69	0	100	100	70	70	0
November 2028	100	100	100	100	100	97	80	74	71	49	100	100	66	44	0	100	100	44	44	0
November 2029	100	100	100	100	94	96	72	64	59	34	100	100	54	25	0	100	100	24	24	0
November 2030	100	100	100	100	65	95	65	55	50	23	100	100	46	13	0	100	100	9	9	0
November 2031	100	100	100	100	44	93	58	47	41	16	100	100	40	5	0	100	100	0	0	0
November 2032	100	94	94	94	31	92	52	41	35	11	100	100	37	1	0	100	100	0	0	0
November 2033	100	79	79	79	21	90	46	35	29	8	100	100	35	0	0	100	100	0	0	0
November 2034	100	66	66	66	14	89	41	30	24	5	100	99	34	0	0	100	95	0	0	0
November 2035	100	55	55	55	10	87	36	25	20	4	100	96	32	0	0	100	83	0	0	0
November 2036	100	45	45	45	7	85	32	22	16	2	100	92	30	0	0	100	66	0	0	0
November 2037	100	37	37	37	5	83	29	18	14	2	100	87	28	0	0	100	45	0	0	0
November 2038	100	31	31	31	3	80	25	16	11	1	100	81	25	0	0	100	22	0	0	0
November 2039	100	25	25	25	2	78	22	13	9	1	100	75	23	0	0	100	0	0	0	0
November 2040	100	21	21	21	1	75	19	11	8	1	100	69	21	0	0	100	0	0	0	0
November 2041	100	17	17	17	1	73	17	9	6	0	100	63	18	0	0	100	0	0	0	0
November 2042	100	14	14	14	1	70	15	8	5	0	100	56	16	0	0	100	0	0	0	0
November 2043	100	11	11	11	0	66	13	6	4	0	100	50	14	0	0	100	0	0	0	0
November 2044	100	9	9	9	0	63	11	5	3	0	100	44	12	0	0	100	0	0	0	0
November 2045	100	7	7	7	0	59	9	4	3	0	100	39	10	0	0	100	0	0	0	0
November 2046	100	6	6	6	0	55	8	3	2	0	100	33	9	0	0	100	0	0	0	0
November 2047	91	4	4	4	0	50	6	3	2	0	100	28	7	0	0	100	0	0	0	0
November 2048	78	3	3	3	0	46	5	2	1	0	100	24	6	0	0	100	0	0	0	0
November 2049	64	2	2	2	0	40	4	2	1	0	100	19	5	0	0	100	0	0	0	0
November 2050	48	2	2	2	0	35	3	1	1	0	100	15	4	0	0	100	0	0	0	0
November 2051	32	1	1	1	0	29	2	1	0	0	100	12	3	0	0	100	0	0	0	0
November 2052	14	1	1	1	0	22	2	1	0	0	100	8	2	0	0	100	0	0	0	0
November 2053	0	0	0	0	0	16	1	0	0	0	89	5	1	0	0	54	0	0	0	0
November 2054	0	0	0	0	0	8	0	0	0	0	46	2	0	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	24.8	11.8	11.8	11.8	6.5	20.2	9.1	7.3	6.4	3.7	28.9	18.5	8.0	3.0	1.2	28.0	11.6	2.9	2.9	1.7

Security Group 2 PSA Prepayment Assumption Rates

		Classes BA	, BF, BT, F, F	B, S and SB	
Distribution Date	0%	100%	393%	600%	800%
Initial Percent	100	100	100	100	100
November 2026	99	97	92	89	85
November 2027	98	92	76	66	56
November 2028	97	85	58	42	29
November 2029	95	79	43	26	15
November 2030	94	73	33	17	8
November 2031	93	67	24	10	4
November 2032	91	62	18	7	2
November 2033	89	57	14	4	1
November 2034	88	52	10	3	1
November 2035	86	48	8	2	0
November 2036	84	44	6	1	0
November 2037	82	40	4	1	0
November 2038	79	36	3	0	0
November 2039	77	33	2	0	0
November 2040	74	30	2	0	0
November 2041	71	27	1	0	0
November 2042	68	24	1	0	0
November 2043	65	21	1	0	0
November 2044	61	19	0	0	0
November 2045	57	17	0	0	0
November 2046	53	14	0	0	0
November 2047	49	12	0	0	0
November 2048	44	10	0	0	0
November 2049	39	9	0	0	0
November 2050	34	7	0	0	0
November 2051	28	5	0	0	0
November 2052	22	4	0	0	0
November 2053	15	2	0	0	0
November 2054	8	1	0	0	0
November 2055	0	0	0	0	0
Weighted Average Life (years)	19.9	11.2	4.5	3.2	2.5
Life (years)	17.7	11.2	4.)	3.4	4.)

Security Group 3
PSA Prepayment Assumption Rates

			Classes	s FE and SE		
Distribution Date	0%	100%	500%	924%	1,400%	1,900%
Initial Percent	100	100	100	100	100	100
November 2026	100	98	90	82	72	62
November 2027	99	93	70	49	28	0
November 2028	99	87	49	22	5	0
November 2029	98 98	81 76	34 24	10	1 0	0
November 2030 November 2031	98 97	76 71	24 17	4 2	0	0
37 1 2000	97 97	66	17	1	0	0
November 2032	96	62	8	0	0	0
November 2034	95	57	6	0	0	0
November 2035	95	54	4	0	0	0
November 2036	94	50	3	ŏ	ŏ	ŏ
November 2037	93	46	ž	ŏ	ŏ	ŏ
November 2038	92	43	ī	ŏ	ŏ	ŏ
November 2039	$9\overline{1}$	40	ī	Ŏ	Ŏ	Ö
November 2040	90	37	1	0	0	0
November 2041	89	34	0	0	0	0
November 2042	88	32	0	0	0	0
November 2043	86	29	0	0	0	0
November 2044	85	27	0	0	0	0
November 2045	83	25	0	0	0	0
November 2046	81	23	0	0	0	0
November 2047	79	21	0	0	0	Ō
November 2048	77	19	0	0	0	0
November 2049	75	17	0	0	0	0
November 2050	73	16	0	0	0	0
November 2051	70	14	0	0	0	0
November 2052	67 64	13 11	0	0	0	0
November 2053	61	10	0	0	0	0
November 2055	57	9	0	0	0	0
November 2056	53	8	0	0	0	0
November 2057	49	7	ő	ő	ő	ő
November 2058	45	6	ŏ	ő	ő	ő
November 2059	40	š	ŏ	ŏ	ŏ	ŏ
November 2060	34	4	ŏ	ŏ	ŏ	ŏ
November 2061	28		Ŏ	Ŏ	Ŏ	Ö
November 2062	22	3 2	Ŏ	Ŏ	Ŏ	Ŏ
November 2063	15	1	0	0	0	0
November 2064	8	1	0	0	0	0
November 2065	0	0	0	0	0	0
Weighted Average						
Life (years)	29.2	13.5	3.7	2.2	1.6	1.2
•						

Security Group 4
PSA Prepayment Assumption Rates

Distribution Date 0% 100% 393% 600% 800% 0% 100% 393% 600% 800% 0% 100% 393% 600% 800% 0% 100% 393% 600%	100 81 41
	81
Initial Percent	81
November 2026	
November 2027 97 89 68 54 42 100 100 100 100 100 97 90 71 59 47 97 89 68 54	
November 2028 95 80 42 20 2 100 100 100 100 96 82 47 27 11 95 79 41 19	0
November 2029 94 71 21 0 0 100 100 100 94 54 94 73 28 6 0 93 70 20 0	ŏ
November 2030 92 62 6 0 0 100 100 100 59 28 92 66 14 0 0 92 62 4 0	Ŏ
November 2031 90 54 0 0 0 100 100 86 37 14 91 58 3 0 0 89 53 0 0	Ŏ
November 2032 87 47 0 0 0 100 100 64 23 7 89 52 0 0 0 87 46 0 0	0
November 2033 85 40 0 0 0 100 100 48 15 4 86 45 0 0 0 85 39 0 0	0
November 2034 83 33 0 0 0 100 100 36 9 2 84 39 0 0 0 82 32 0 0	0
November 2035 80 27 0 0 0 100 100 27 6 1 82 34 0 0 0 80 26 0 0	0
November 2036	0
November 2037	0
November 2038	0
November 2039 67 6 0 0 0 100 100 8 1 0 70 14 0 0 0 66 4 0 0	0
November 2040 63 1 0 0 0 100 100 6 1 0 67 10 0 0 0 63 0 0 0	0
November 2041 59 0 0 0 0 100 93 4 0 0 63 6 0 0 0 58 0 0 0	0
November 2042 55 0 0 0 0 100 83 3 0 0 59 3 0 0 0 54 0 0 0	0
November 2043 50 0 0 0 0 100 74 2 0 0 55 0 0 0 0 49 0 0 0	0
November 2044	0
November 2045 40 0 0 0 0 100 57 1 0 0 45 0 0 0 39 0 0 0	0
November 2046 34 0 0 0 0 100 50 1 0 0 40 0 0 0 0 33 0 0 0	0
November 2047	0
November 2048 21 0 0 0 0 100 36 0 0 0 28 0 0 0 0 19 0 0 0	0
November 2049	0
November 2050	0
November 2051	0
November 2052	0
November 2053	0
November 2054 0 0 0 0 0 26 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0
110Veilibei 20))	U
Weighted Average Life (years) 16.6 7.1 2.8 2.1 1.8 28.0 21.5 8.9 6.0 4.6 17.4 7.9 3.1 2.3 1.9 16.4 6.9 2.7 2.1	1.0
Life (years)	1.8

Security Group 4
PSA Prepayment Assumption Rates

	Clas	sses DA	, DC, Di		DH,		(	lass DI	3				Class DI	ſ.				lass DM	1	
Distribution Date	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	98	96	88	83	78	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2027	97	87	63	47	32	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2028	95	76	32	6	0	100	100	100	100	78	100	100	100	100	100	100	100	100	100	3
November 2029	93	66	8	0	0	100	100	100	69	40	100	100	100	100	71	100	100	100	0	0
November 2030	90	56	0	0	0	100	100	84	44	20	100	100	100	77	36	100	100	31	0	0
November 2031	88	47	0	0	0	100	100	63	27	10	100	100	100	49	18	100	100	0	0	0
November 2032	85	38	0	0	0	100	100	47	17	5	100	100	84	30	9	100	100	0	0	0
November 2033	83	30	0	0	0	100	100	36	11	3	100	100	63	19	5	100	100	0	0	0
November 2034	80	22	0	0	0	100	100	27	7	1	100	100	47	12	2	100	100	0	0	0
November 2035	77	15	0	0	0	100	100	20	4	1	100	100	35	7	1	100	100	0	0	0
November 2036	73	8	0	0	0	100	100	15	3	0	100	100	26	5	1	100	100	0	0	0
November 2037	70	1	0	0	0	100	100	11	2	0	100	100	19	3	0	100	100	0	0	0
November 2038	66	0	0	0	0	100	93	8	1	0	100	100	14	2	0	100	69	0	0	0
November 2039	61	0	0	0	0	100	84	6	1	0	100	100	11	1	0	100	31	0	0	0
November 2040	57	0	0	0	0	100	76	4	0	0	100	100	8	1	0	100	0	0	0	0
November 2041	52	0	0	0	0	100	69	3	0	0	100	100	6	0	0	100	0	0	0	0
November 2042	47	0	0	0	0	100	61	2	0	0	100	100	4	0	0	100	0	0	0	0
November 2043	42	0	0	0	0	100	55	2	0	0	100	97	3	0	0	100	0	0	0	0
November 2044	36	0	0	0	0	100	48	1	0	0	100	86	2	0	0	100	0	0	0	0
November 2045	29	0	0	0	0	100	42	1	0	0	100	75	2	0	0	100	0	0	0	0
November 2046	23	0	0	0	0	100	37	1	0	0	100	65	1	0	0	100	0	0	0	0
November 2047	15	0	0	0	0	100	32	0	0	0	100	56	1	0	0	100	0	0	0	0
November 2048	7	0	0	0	0	100	27	0	0	0	100	47	1	0	0	100	0	0	0	0
November 2049	0	0	0	0	0	99	22	0	0	0	100	39	0	0	0	94	0	0	0	0
November 2050	0	0	0	0	0	85	18	0	0	0	100	31	0	0	0	34	0	0	0	0
November 2051	0	0	0	0	0	70	14	0	0	0	100	24	0	0	0	0	0	0	0	0
November 2052	0	0	0	0	0	54	10	0	0	0	97	17	0	0	0	0	0	0	0	0
November 2053	0	0	0	0	0	38	6	0	0	0	67	11	0	0	0	0	0	0	0	0
November 2054	0	0	0	0	0	19	3	0	0	0	34	5	0	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	15.1	5.9	2.4	1.9	1.6	27.2	19.5	7.8	5.4	4.1	28.5	23.0	9.8	6.6	5.0	24.8	13.5	4.9	3.5	2.8

		(	Class Di	N			(	Class D	Г			C	lass DV	7			C	Class DY	7	
Distribution Date	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	100	100	100	100	100	99	97	93	90	87	93	93	93	93	93	100	100	100	100	100
November 2027	100	100	100	100	100	98	92	78	68	59	86	86	86	86	86	100	100	100	100	100
November 2028	100	100	100	100	100	97	86	59	43	31	78	78	78	78	78	100	100	100	100	100
November 2029	100	100	100	61	0	95	79	44	27	16	70	70	70	70	0	100	100	100	90	52
November 2030	100	100	100	0	0	94	73	33	17	8	61	61	61	7	0	100	100	100	56	26
November 2031	100	100	33	0	0	93	68	25	11	4	52	52	52	0	0	100	100	82	35	14
November 2032	100	100	0	0	0	91	62	19	7	2	43	43	5	0	0	100	100	61	22	7
November 2033	100	100	0	0	0	89	57	14	4	1	33	33	0	0	0	100	100	46	14	4
November 2034	100	100	0	0	0	88	53	10	3	1	22	22	0	0	0	100	100	34	9	2
November 2035	100	100	0	0	0	86	48	8	2	0	11	11	0	0	0	100	100	26	5	1
November 2036	100	100	0	0	0	84	44	6	1	0	0	0	0	0	0	100	100	19	3	0
November 2037	100	100	0	0	0	82	40	4	1	0	0	0	0	0	0	100	100	14	2	0
November 2038	100	100	0	0	0	79	37	3	0	0	0	0	0	0	0	100	100	10	1	0
November 2039	100	100	0	0	0	77	33	2	0	0	0	0	0	0	0	100	100	8	1	0
November 2040	100	95	0	0	0	74	30	2	0	0	0	0	0	0	0	100	99	6	0	0
November 2041	100	58	0	0	0	71	27	1	0	0	0	0	0	0	0	100	89	4	0	0
November 2042	100	24	0	0	0	68	24	1	0	0	0	0	0	0	0	100	79	3	0	0
November 2043	100	0	0	0	0	65	22	1	0	0	0	0	0	0	0	100	71	2	0	0
November 2044	100	0	0	0	0	61	19	0	0	0	0	0	0	0	0	100	63	2	0	0
November 2045	100	0	0	0	0	57	17	0	0	0	0	0	0	0	0	100	55	1	0	0
November 2046	100	0	0	0	0	53	15	0	0	0	0	0	0	0	0	100	48	1	0	0
November 2047	100	0	0	0	0	49	12	0	0	0	0	0	0	0	0	100	41	1	0	0
November 2048	100	0	0	0	0	44	11	0	0	0	0	0	0	0	0	100	34	0	0	0
November 2049	100	0	0	0	0	39	9	0	0	0	0	0	0	0	0	100	28	0	0	0
November 2050	100	0	0	0	0	34	7	0	0	0	0	0	0	0	0	100	23	0	0	0
November 2051	66	0	0	0	0	28	5	0	0	0	0	0	0	0	0	91	17	0	0	0
November 2052	0	0	0	0	0	22	4	0	0	0	0	0	0	0	0	71	13	0	0	0
November 2053	0	0	0	0	0	15	2	0	0	0	0	0	0	0	0	49	8	0	0	0
November 2054	0	0	0	0	0	8	1	0	0	0	0	0	0	0	0	25	3	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	26.2	16.3	5.8	4.1	3.3	19.9	11.3	4.6	3.3	2.6	6.0	6.0	5.0	3.9	3.2	27.9	21.2	8.7	5.9	4.5

Security Group 4
PSA Prepayment Assumption Rates

			Class DZ				Class	es GF ar	nd GS				Class GT		
Distribution Date	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	105	105	105	105	105	99	97	93	90	87	99	97	93	90	87
November 2027	110	110	110	110	110	98	92	78	68	59	98	92	78	68	59
November 2028	116	116	116	116	116	97	86	59	43	31	97	86	59	43	31
November 2029	122	122	122	122	122	95	79	44	27	16	95	79	44	27	16
November 2030	128	128	128	128	63	94	73	33	17	8	94	73	33	17	8
November 2031	135	135	135	84	32	93	68	25	11	4	93	68	25	11	4
November 2032	142	142	142	53	16	91	62	19	7	2	91	62	19	7	2
November 2033	149	149	109	33	8	89	57	14	4	1	89	57	14	4	1
November 2034	157	157	81	21	4	88	53	10	3	1	88	53	10	3	1
November 2035	165	165	61	13	2	86	48	8	2	0	86	48	8	2	0
November 2036	173	173	45	8	1	84	44	6	1	0	84	44	6	1	0
November 2037	173	173	33	5	1	82	40	4	1	0	82	40	4	1	0
November 2038	173	173	25	3	0	79	37	3	0	0	79	37	3	0	0
November 2039	173	173	18	2	0	77	33	2	0	0	77	33	2	0	0
November 2040	173	173	13	1	0	74	30	2	0	0	74	30	2	0	0
November 2041	173	173	10	1	0	71	27	1	0	0	71	27	1	0	0
November 2042	173	173	7	0	0	68	24	1	0	0	68	24	1	0	0
November 2043	173	167	5	0	0	65	22	1	0	0	65	22	1	0	0
November 2044	173	148	4	0	0	61	19	0	0	0	61	19	0	0	0
November 2045	173	130	3	0	0	57	17	0	0	0	57	17	0	0	0
November 2046	173	113	2	0	0	53	15	0	0	0	53	15	0	0	0
November 2047	173	96	1	0	0	49	12	0	0	0	49	12	0	0	0
November 2048	173	81	1	0	0	44	11	0	0	0	44	11	0	0	0
November 2049	173	67	1	0	0	39	9	0	0	0	39	9	0	0	0
November 2050	173	54	0	0	0	34	7	0	0	0	34	7	0	0	0
November 2051	173	41	0	0	0	28	5	0	0	0	28	5	0	0	0
November 2052	167	30	0	0	0	22	4	0	0	0	22	4	0	0	0
November 2053	115	19	0	0	0	15	2	0	0	0	15	2	0	0	0
November 2054	59	8	Õ	Õ	Ŏ	8	1	Õ	Ŏ	Ŏ	8	1	Õ	Õ	Ŏ
November 2055	0	0	0	0	0	0	0	Ő	Õ	Õ	0	0	Õ	Õ	Õ
Weighted Average															
Life (years)	28.5	23.0	10.5	7.2	5.5	19.9	11.3	4.6	3.3	2.6	19.9	11.3	4.6	3.3	2.6

Security Group 5
PSA Prepayment Assumption Rates

			*	
		Class PT		
0%	100%	393%	600%	800%
100	100	100	100	100
99	97	92	89	85
98	92	76	66	56
97	85	58	42	29
95	79	43	26	15
94		33	17	8
93	67	24	10	4
91	62	18	7	2
89	57	14	4	1
	52	10	3	1
		8	2	0
84	44	6	$\overline{1}$	Õ
82	40	4	1	0
79	36	3	0	0
77		2	Ö	Õ
74		2	0	0
71		1	0	0
68	24	1	Ö	Õ
65	21	1	0	0
61	19	0	0	0
57	16	0	0	0
53	14	0	0	0
	12	0	0	0
44	10	Ö	Ö	Õ
39	8	0	0	0
	7	Õ	Õ	Õ
28	5	Ö	Ö	Õ
22	4	0	0	0
	2	Õ	Ö	0
8	$\bar{1}$	ŏ	ŏ	Ő
0	0	Õ	Õ	0
	_			
19.9	11.2	4.5	3.2	2.5
	100 99 98 97 95 94 93 91 89 88 86 84 82 79 77 74 71 68 65 61 57 53 49 44 43 28 22 15 8	100 100 99 97 98 92 97 85 95 79 94 73 93 67 91 62 89 57 88 52 86 48 82 40 79 36 77 33 74 30 71 27 68 24 65 21 61 19 57 16 65 21 61 19 57 16 65 21 61 29 65 21 61 27 68 24 65 21 61 27 68 24 65 21 61 27 68 24 69 25 60 21 61 27 60 27 61 27 62 21 63 24 65 21 61 27 63 24 65 21 61 27 65 21 61 27 68 24 69 25 60 21 61 27 60 27	100 100 100 99 97 92 98 92 76 97 85 58 95 79 43 93 93 67 24 91 62 18 88 52 10 86 48 44 66 82 40 4 79 36 33 2 74 30 2 71 27 1 68 24 1 1 61 19 0 57 16 0 0 53 14 0 0 0 0 0	0%         100%         393%         600%           100         100         100         100           99         97         92         89           98         92         76         66           97         85         58         42           95         79         43         26           94         73         33         17           93         67         24         10           91         62         18         7           89         57         14         4           88         52         10         3           86         48         8         2           84         44         6         1           82         40         4         1           79         36         3         0           77         33         2         0           74         30         2         0           71         27         1         0           68         24         1         0           65         21         1         0           67         16         0

Security Group 6 PSA Prepayment Assumption Rates

		Classes	A, FH	and SH		Classe	nd PM	Classe	nd PU	Classes PA, PC, PD, PE, PG and PI										
Distribution Date	0%	150%	270%	300%	600%	0%	150%	270%	300%	600%	0%	150%	270%	300%	600%	0%	150%	270%	300%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	99	96	94	93	87	98	94	94	94	94	98	94	94	94	94	98	93	93	93	93
November 2027	98	88	82	80	64	95	84	84	84	77	95	83	83	83	76	95	82	82	82	75
November 2028	97	79	67	65	40	93	72	72	72	49	93	71	71	71	47	92	68	68	68	43
November 2029	95	71	56	52	25	90	61	61	61	31	90	59	59	59	28	89	56	56	56	22
November 2030	94	64	46	42	16	88	51	51	51	19	87	48	48	48	16	86	44	44	44	9
November 2031	93	57	38	34	10	85	41	41	41	12	84	38	38	38	8	83	34	34	34	1
November 2032	91	51	31	27	6	81	33	33	33	8	81	30	30	30	3	79	25	25	25	0
November 2033	89	45	25	22	4	78	26	26	26	5	77	23	23	23	0	75	17	17	17	0
November 2034	88	40	21	17	2	75	21	21	21	3	73	17	17	17	0	71	11	11	11	0
November 2035	86	36	17	14	2	71	17	17	17	2	69	13	13	13	0	67	7	7	7	0
November 2036	84	31	14	11	1	67	13	13	13	1	65	9	9	9	0	63	3	3	3	0
November 2037	82	28	11	9	1	62	11	11	11	1	61	6	6	6	0	58	0	0	0	0
November 2038	79	24	9	7	0	58	8	8	8	0	56	4	4	4	0	53	0	0	0	0
November 2039	77	21	7	6	0	53	7	7	7	0	51	2	2	2	0	47	0	0	0	0
November 2040	74	19	6	4	0	48	5	5	5	0	46	1	1	1	0	42	0	0	0	0
November 2041	71	16	5	3	0	43	4	4	4	0	40	0	0	0	0	36	0	0	0	0
November 2042	68	14	4	3	0	37	3	3	3	0	34	0	0	0	0	29	0	0	0	0
November 2043	65	12	3	2	0	31	2	2	2	0	27	0	0	0	0	22	0	0	0	0
November 2044	61	10	2	2	0	24	2	2	2	0	21	0	0	0	0	15	0	0	0	0
November 2045	57	9	2	1	0	17	1	1	1	0	13	0	0	0	0	7	0	0	0	0
November 2046	53	7	1	1	0	10	1	1	1	0	6	0	0	0	0	0	0	0	0	0
November 2047	49	6	1	1	0	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0
November 2048	44	5	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
November 2049	39	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2050	34	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2051	28	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2052	22	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2053	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2054	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	19.9	8.9	6.0	5.5	3.1	13.6	6.1	6.1	6.1	3.6	13.2	5.5	5.5	5.5	3.2	12.6	4.9	4.9	4.9	3.0

PSA Prepayment Assumption Rates

	Class PL Class PN Class PY Class ZU																			
	Class PL C								V				Class ZU							
Distribution Date	0%	150%	270%	300%	600%	0%	150%	270%	300%	600%	0%	150%	270%	300%	600%	0%	150%	270%	300%	600%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	105	105	92	88	56
November 2027	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	109	109	70	61	0
November 2028	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	114	114	47	31	0
November 2029	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	120	120	32	12	0
November 2030	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	125	125	24	2	0
November 2031	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	131	131	22	0	0
November 2032	100	100	100	100	100	100	100	100	100	48	100	100	100	100	70	137	134	22	0	0
November 2033	100	100	100	100	100	100	100	100	100	2	100	100	100	100	44	143	133	20	0	0
November 2034	100	100	100	100	65	100	100	100	100	0	100	100	100	100	27	150	129	19	0	0
November 2035	100	100	100	100	40	100	100	100	100	0	100	100	100	100	17	157	123	17	0	0
November 2036	100	100	100	100	25	100	100	100	100	0	100	100	100	100	11	164	116	15	0	0
November 2037	100	100	100	100	16	100	96	96	96	0	100	98	98	98	7	171	108	14	0	0
November 2038	100	100	100	100	10	100	61	61	61	0	100	77	77	77	4	179	99	12	0	0
November 2039	100	100	100	100	6	100	33	33	33	0	100	61	61	61	3	188	91	10	0	0
November 2040	100	100	100	100	4	100	10	10	10	0	100	48	48	48	2	196	82	9	0	0
November 2041	100	89	89	89	2	100	0	0	0	0	100	38	38	38	1	205	73	8	0	0
November 2042	100	69	69	69	1	100	0	0	0	0	100	29	29	29	1	215	65	6	0	0
November 2043	100	53	53	53	1	100	0	0	0	0	100	23	23	23	0	224	57	5	0	0
November 2044	100	41	41	41	0	100	0	0	0	0	100	17	17	17	0	235	50	5	0	0
November 2045	100	31	31	31	0	100	0	0	0	0	100	13	13	13	0	246	43	4	0	0
November 2046	100	23	23	23	0	83	0	0	0	0	90	10	10	10	0	257	37	3	0	0
November 2047	44	17	17	17	0	0	0	0	0	0	19	7	7	7	0	269	31	2	0	0
November 2048	12	12	12	12	0	0	0	0	0	0	5	5	5	5	0	249	26	2	0	0
November 2049	8	8	8	8	0	0	0	0	0	0	3	3	3	3	0	221	21	2	0	0
November 2050	5	5	5	5	0	0	0	0	0	0	2	2	2	2	0	190	16	1	0	0
November 2051	3	3	3	3	0	0	0	0	0	0	1	1	1	1	0	158	12	1	0	0
November 2052	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	123	8	1	0	0
November 2053	0	0	0		0	0	0	0	0	0	0	0	0	0	0	85	5	1	0	0
November 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	44	2	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	22.3	19.1	19.1	19.1	10.2	21.3	13.5	13.5	13.5	7.0	21.7	15.8	15.8	15.8	8.4	26.5	17.4	5.2	2.5	1.0

Security Group 7
PSA Prepayment Assumption Rates

	Classes FD and SD												
Distribution Date	0%	100%	500%	945%	1,400%	1,900%							
Initial Percent	100	100	100	100	100	100							
November 2026	100	98	90	81	72	62							
November 2027	99	93	70	48	28	0							
November 2028	99	87	49	21	5	0							
November 2029	99	81	34	9	ĺ.	0							
November 2030	98	76	24	4	0	0							
November 2031	98	71	17	2	0	0							
November 2032	97	66	11	1	0	0							
November 2033	97	62	8	0	0	0							
November 2034	96	58	6	0	0	0							
November 2035	95	54	4	Ŏ	Ŏ	Ŏ							
November 2036	95	50	3	0	0	0							
November 2037	94	46	2	0	0	0							
November 2038	93	43	$\overline{1}$	Ŏ	Ŏ	Ŏ							
November 2039	92	40	1	0	0	0							
November 2040	91	37	1	0	0	0							
November 2041	90	34	0	Ŏ	Ŏ	Ŏ							
November 2042	89	32	Ŏ	Ŏ	Ŏ	Ŏ							
November 2043	87	29	0	0	0	0							
November 2044	86	27	Ŏ	Ŏ	Ŏ	Ŏ							
November 2045	84	25	0	0	0	0							
November 2046	83	23	0	0	0	0							
November 2047	81	21	0	0	0	0							
November 2048	79	19	Ö	0	0	0							
November 2049	77	17	0	0	0	0							
November 2050	74	16	0	0	0	0							
November 2051	72	14	Ö	0	0	0							
November 2052	69	13	0	0	0	0							
November 2053	66	11	Ŏ	Ŏ	Ŏ	Ŏ							
November 2054	63	10	0	0	0	0							
November 2055	59	9	0	0	0	0							
November 2056	55	8	0	0	0	0							
November 2057	51	8 7	0	0	0	0							
November 2058	46		0	0	0	0							
November 2059	41	6 5 4	Ö	0	0	0							
November 2060	36	4	Ö	0	0	0							
November 2061	30	3	0	0	0	0							
November 2062	23	3 2	Ö	0	0	0							
November 2063	16	1	Ō	0	0	0							
November 2064	8	0	0	0	0	0							
November 2065	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ							
Weighted Average													
Life (years)	29.6	13.5	3.7	2.2	1.6	1.2							

Security Group 8 PSA Prepayment Assumption Rates

			Class GA					Class GJ				Class GZ						
Distribution Date	0%	100%	134%	250%	400%	0%	100%	134%	250%	400%	0%	100%	134%	250%	400%			
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
November 2026	98	90	87	80	70	99	91	89	83	74	104	104	104	104	104			
November 2027	96	80	76	63	47	97	83	80	68	54	108	108	108	108	108			
November 2028	94	71	65	48	30	96	76	71	56	40	113	113	113	113	113			
November 2029	91	62	56	36	18	94	68	63	46	29	117	117	117	117	117			
November 2030	89	54	47	26	8	92	62	55	37	21	122	122	122	122	122			
November 2031	86	46	39	18	1	91	56	49	30	16	127	127	127	127	127			
November 2032	83	39	31	11	0	89	50	43	25	11	132	132	132	132	98			
November 2033	80	32	24	5	0	87	44	37	20	8	138	138	138	138	71			
November 2034	77	26	18	0	0	85	39	32	16	6	143	143	143	139	51			
November 2035	74	20	12	0	0	83	35	28	13	4	149	149	149	111	36			
November 2036	70	14	7	0	0	80	30	24	10	3	155	155	155	88	26			
November 2037	67	9	2	0	0	78	26	20	8	2	161	161	161	69	18			
November 2038	63	4	0	0	0	75	23	17	6	1	168	168	148	53	12			
November 2039	59	0	0	0	0	72	19	14	5	1	175	166	122	41	8			
November 2040	55	0	0	0	0	69	16	11	3	1	182	138	99	30	6			
November 2041	50	0	0	0	0	66	13	9	3	0	189	111	78	22	4			
November 2042	46	0	0	0	0	63	10	7	2	0	197	87	60	16	2			
November 2043	41	0	0	0	0	60	7	5	1	0	205	64	43	10	1			
November 2044	36	0	0	0	0	56	5	3	1	0	214	43	28	6	1			
November 2045	30	0	0	0	0	52	3	2	0	0	222	24	15	3	0			
November 2046	25	0	0	0	0	48	1	0	0	0	231	6	4	1	0			
November 2047	18	0	0	0	0	44	0	0	0	0	241	0	0	0	0			
November 2048	12	0	0	0	0	40	0	0	0	0	251	0	0	0	0			
November 2049	5	0	0	0	0	35	0	0	0	0	261	0	0	0	0			
November 2050	0	0	0	0	0	30	0	0	0	0	259	0	0	0	0			
November 2051	0	0	0	0	0	24	0	0	0	0	213	0	0	0	0			
November 2052	0	0	0	0	0	19	0	0	0	0	164	0	0	0	0			
November 2053	0	0	0	0	0	13	0	0	0	0	112	0	0	0	0			
November 2054	0	0	0	0	0	7	0	0	0	0	58	0	0	0	0			
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Weighted Average				_ /														
Life (years)	15.0	6.0	5.1	3.4	2.2	19.0	8.1	7.1	4.8	3.2	27.5	17.2	16.2	12.6	9.1			

Security Group 9 PSA Prepayment Assumption Rates Classes G, GB, GC, GD, GE, GH, GI, GK, GL,

	Classes G, GB, GC, GD, GE, GH, GI, GK, GL, GM and GN												
Distribution Date	0%	100%	137%	250%	400%								
Initial Percent	100	100	100	100	100								
November 2026	99	87	85	79	71								
November 2027	98	75	72	62	49								
November 2028	97	64	59	47	34								
November 2029	96	53	48	36	23								
November 2030	95	43	38	26	15								
November 2031	93	34	29	18	9 6								
November 2032	92	25	21	12	6								
November 2033	90	17	14	7	3 1								
November 2034	89	9	7	3	1								
November 2035	87	1	1	0	0								
November 2036	85	0	0	0	0								
November 2037	83	0	0	0	0								
November 2038	80	0	0	0	0								
November 2039	78	0	0	0	0								
November 2040	75	0	0	0	0								
November 2041	73	0	0	0	0								
November 2042	70	0	0	0	0								
November 2043	66	0	0	0	0								
November 2044	63	0	0	0	0								
November 2045	59	0	0	0	0								
November 2046	55	0	0	0	0								
November 2047	50	0	0	0	0								
November 2048	46	0	0	0	0								
November 2049	40	0	0	0	0								
November 2050	35	0	0	0	0								
November 2051	29	0	0	0	0								
November 2052	22	0	0	0	0								
November 2053	16	0	0	0	0								
November 2054	8	0	0	0	0								
November 2055	0	0	0	0	0								
Weighted Average													
Life (years)	20.2	4.6	4.3	3.4	2.6								

Security Group 10 PSA Prepayment Assumption Rates

			Class	s HA					Clas	s HT		Class HZ						
Distribution Date	0%	100%	250%	447%	650%	900%	0%	100%	250%	447%	650%	900%	0%	100%	250%	447%	650%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	95	93	91	89	86	82	99	98	97	96	94	92	105	105	105	105	105	105
November 2027	89	86	82	76	72	47	98	96	94	91	88	74	109	109	109	109	109	109
November 2028	84	79	73	67	39	0	97	95	91	88	72	35	114	114	114	114	114	79
November 2029	78	72	64	45	0	0	96	93	88	78	30	0	120	120	120	120	69	0
November 2030	72	64	58	7	0	0	95	91	88	59	0	0	125	125	125	125	0	0
November 2031	65	56	51	0	0	0	94	89	86	7	0	0	131	131	131	17	0	0
November 2032	59	49	32	0	0	0	93	88	78	0	0	0	137	137	137	0	0	0
November 2033	51	44	0	0	0	0	92	88	58	0	0	0	143	143	132	0	0	0
November 2034	44	39	0	0	0	0	90	88	22	0	0	0	150	150	50	0	0	0
November 2035	36	34	0	0	0	0	89	88	1	0	0	0	157	157	2	0	0	0
November 2036	28	28	0	0	0	0	88	88	0	0	0	0	164	164	0	0	0	0
November 2037	22	22	0	0	0	0	88	88	0	0	0	0	171	171	0	0	0	0
November 2038	16	9	0	0	0	0	88	84	0	0	0	0	179	179	0	0	0	0
November 2039	9	0	0	0	0	0	88	60	0	0	0	0	188	137	0	0	0	0
November 2040	3	0	0	0	0	0	88	34	0	0	0	0	196	78	0	0	0	0
November 2041	0	0	0	0	0	0	88	15	0	0	0	0	200	35	0	0	0	0
November 2042	0	0	0	0	0	0	88	11	0	0	0	0	200	24	0	0	0	0
November 2043	0	0	0	0	0	0	88	5	0	0	0	0	200	12	0	0	0	0
November 2044	0	0	0	0	0	0	88	1	0	0	0	0	200	2	0	0	0	0
November 2045	0	0	0	0	0	0	88	0	0	0	0	0	200	0	0	0	0	0
November 2046	0	0	0	0	0	0	88	0	0	0	0	0	200	0	0	0	0	0
November 2047	0	0	0	0	0	0	75	0	0	0	0	0	170	0	0	0	0	0
November 2048	0	0	0	0	0	0	41	0	0	0	0	0	93	0	0	0	0	0
November 2049	0	0	0	0	0	0	23	0	0	0	0	0	51	0	0	0	0	0
November 2050	0	0	0	0	0	0	15	0	0	0	0	0	33	0	0	0	0	0
November 2051	0	0	0	0	0	0	4	0	0	0	0	0	9	0	0	0	0	0
November 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)	8.0	7.3	5.1	3.4	2.5	1.9	21.2	13.5	7.6	4.7	3.4	2.5	23.3	15.1	8.8	5.6	4.1	3.1

Security Group 11 PSA Prepayment Assumption Rates

	Classes H, HB, HC, HD, HE, HG, HI, HJ, HK, HL, HM, HN, HP, HQ, HU and HV											
Distribution Date	0%	100%	142%	250%	400%							
Initial Percent	100	100	100	100	100							
November 2026	99	88	85	79	71							
November 2027	98	76	72	62	50							
November 2028	97	65	60	48	34							
November 2029	96	54	49	36	23							
November 2030	95	44	39	27	15							
November 2031	94	35	30	19	10							
November 2032	92	26	22	13	6							
November 2033	91	18	14	8	3							
November 2034	89	10	8	4	1							
November 2035	88	2	2	1	0							
November 2036	86	0	0	0	0							
November 2037	84	0	0	0	0							
November 2038	82	0	0	0	0							
November 2039	79	0	0	0	0							
November 2040	77	0	0	0	0							
November 2041	74	0	0	0	0							
November 2042	71	0	0	0	0							
November 2043	68	0	0	0	0							
November 2044	64	0	0	0	0							
November 2045	60	0	0	0	0							
November 2046	56	0	0	0	0							
November 2047	52	0	0	0	0							
November 2048	47	0	0	0	0							
November 2049	42	0	0	0	0							
November 2050	36	0	0	0	0							
November 2051	30	0	0	0	0							
November 2052	23	0	0	0	0							
November 2053	16	0	0	0	0							
November 2054	8	0	0	0	0							
November 2055	0	0	0	0	0							
Weighted Average												
Life (years)	20.5	4.7	4.3	3.5	2.6							

Security Group 12 PSA Prepayment Assumption Rates

		Class	es FM ar	nd SM		Classes IK, KJ, KN, KP, KQ, KT and KX				<b>)</b> ,	С	lasses IM	I, MH, M IN and M		L,
Distribution Date	0%	250%	320%	350%	700%	0%	250%	320%	350%	700%	0%	250%	320%	350%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	99	95	93	93	87	98	93	93	93	93	98	94	94	94	94
November 2027	98	84	80	79	61	96	79	79	79	64	97	81	81	81	68
November 2028	97	71	64	62	35	94	62	62	62	32	95	66	66	66	39
November 2029	96	59	51	48	20	92	47	47	47	13	93	52	52	52	22
November 2030	95	49	41	37	12	90	34	34	34	2	91	41	41	41	13
November 2031	93	41	32	29	7	88	24	24	24	0	89	32	32	32	7
November 2032	92	34	26	22	4	85	16	16	16	0	87	25	25	25	4
November 2033	90	29	20	17	2	82	10	10	10	0	84	19	19	19	2
November 2034	89	24	16	13	1	79	5	5	5	0	81	15	15	15	1
November 2035	87	20	13	10	1	76	1	1	1	0	79	11	11	11	1
November 2036	85	16	10	8	0	73	0	0	0	0	76	9	9	9	0
November 2037	83	14	8	6	0	69	0	0	0	0	72	7	7	7	0
November 2038	80	11	6	5	0	65	0	0	0	0	69	5	5	5	0
November 2039	78	9	5	4	0	61	0	0	0	0	65	4	4	4	0
November 2040	75	8	4	3	0	57	0	0	0	0	61	3	3	3	0
November 2041	73	6	3	2	0	52	0	0	0	0	57	2	2	2	0
November 2042	70	5	2	2	0	47	0	0	0	0	52	2	2	2	0
November 2043	66	4	2	1	0	41	0	0	0	0	47	1	1	1	0
November 2044	63	3	1	1	0	35	0	0	0	0	42	1	1	1	0
November 2045	59	3	1	1	0	29	0	0	0	0	37	1	1	1	0
November 2046	55	2	1	0	0	22	0	0	0	0	31	0	0	0	0
November 2047	50	2	1	0	0	15	0	0	0	0	24	0	0	0	0
November 2048	46	1	0	0	0	7	0	0	0	0	17	0	0	0	0
November 2049	40	1	0	0	0	0	0	0	0	0	10	0	0	0	0
November 2050	35	1	0	0	0	0	0	0	0	0	2	0	0	0	0
November 2051	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2052	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2053	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2054	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	20.2	6.4	5.3	5.0	2.8	15.1	4.2	4.2	4.2	2.6	16.1	5.2	5.2	5.2	3.0

Security Group 12 PSA Prepayment Assumption Rates

	C		KA, KC, KD, KE, KG, KH and KI						Class KE	3				Class KI	_	
Distribution Date	0%	250%	320%	350%	700%		0%	250%	320%	350%	700%	0%	250%	320%	350%	700%
Initial Percent	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100
November 2026	98	92	92	92	92		100	100	100	100	100	100	100	100	100	100
November 2027	96	77	77	77	61		100	100	100	100	100	100	100	100	100	100
November 2028	94	59	59	59	27		100	100	100	100	100	100	100	100	100	100
November 2029	92	43	43	43	7		100	100	100	100	100	100	100	100	100	100
November 2030	89	29	29	29	0		100	100	100	100	36	100	100	100	100	100
November 2031	87	18	18	18	0		100	100	100	100	0	100	100	100	100	100
November 2032	84	10	10	10	0		100	100	100	100	0	100	100	100	100	89
November 2033	81	3	3	3	0		100	100	100	100	0	100	100	100	100	51
November 2034	78	0	0	0	0		100	70	70	70	0	100	100	100	100	29
November 2035	74	0	0	0	0		100	15	15	15	0	100	100	100	100	16
November 2036	71	0	0	0	0		100	0	0	0	0	100	100	100	100	9
November 2037	67	0	0	0	0		100	0	0	0	0	100	100	100	100	5
November 2038	63	0	0	0	0		100	0	0	0	0	100	100	100	100	3
November 2039	58	0	0	0	0		100	0	0	0	0	100	85	85	85	2
November 2040	53	0	0	0	0		100	0	0	0	0	100	64	64	64	1
November 2041	48	0	0	0	0		100	0	0	0	0	100	49	49	49	1
November 2042	43	0	0	0	0		100	0	0	0	0	100	36	36	36	0
November 2043	37	0	0	0	0		100	0	0	0	0	100	27	27	27	0
November 2044	31	0	0	0	0		100	0	0	0	0	100	20	20	20	0
November 2045	24	0	0	0	0		100	0	0	0	0	100	14	14	14	0
November 2046	17	0	0	0	0		100	0	0	0	0	100	10	10	10	0
November 2047	9	0	0	0	0		100	0	0	0	0	100	) 7	7	7	0
November 2048	1	0	0	0	0		100	0	0	0	0	100	) 5	5	5	0
November 2049	0	0	0	0	0		0	0	0	0	0	100	) 3	3	3	0
November 2050	0	0	0	0	0		0	0	0	0	0	42	2	2	2	0
November 2051	0	0	0	0	0		0	0	0	0	0		. 1	1	1	0
November 2052	0	0	0	0	0		0	0	0	0	0	(	0	0	0	0
November 2053	0	0	0	0	0		0	0	0	0	0	(	0	0	0	0
November 2054	0	0	0	0	0		0	0	0	0	0	(	0	0	0	0
November 2055	0	0	0	0	0		0	0	0	0	0	(	0	0	0	0
Weighted Average																
Life (years)	14.4	3.8	3.8	3.8	2.4		23.5	9.4	9.4	9.4	4.9	25.0	16.8	16.8	16.8	8.6

PSA	Prepayment	Assumption	Rates

	Class KM				Cl	asses MA N	A, MB, M IG and M		IE,			Class UZ	:		
Distribution Date	0%	250%	320%	350%	700%	0%	250%	320%	350%	700%	0%	250%	320%	350%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	100	100	100	100	100	98	93	93	93	93	105	105	93	87	24
November 2027	100	100	100	100	100	97	80	80	80	66	110	110	71	55	0
November 2028	100	100	100	100	100	95	64	64	64	36	116	116	49	21	0
November 2029	100	100	100	100	100	93	50	50	50	19	122	122	38	4	0
November 2030	100	100	100	100	100	91	38	38	38	9	128	128	36	0	0
November 2031	100	100	100	100	45	88	29	29	29	3	135	130	35	0	0
November 2032	100	100	100	100	0	86	21	21	21	0	142	127	33	0	0
November 2033	100	100	100	100	0	83	15	15	15	0	149	119	31	0	0
November 2034	100	100	100	100	0	81	11	11	11	0	157	110	28	0	0
November 2035	100	100	100	100	0	78	7	7	7	0	165	100	24	0	0
November 2036	100	70	70	70	0	74	4	4	4	0	173	89	21	0	0
November 2037	100	36	36	36	0	71	2	2	2	0	182	78	18	0	0
November 2038	100	9	9	9	0	67	1	1	1	0	191	68	15	0	0
November 2039	100	0	0	0	0	63	0	0	0	0	201	59	13	0	0
November 2040	100	0	0	0	0	59	0	0	0	0	211	50	11	0	0
November 2041	100	0	0	0	0	55	0	0	0	0	222	43	9	0	0
November 2042	100	0	0	0	0	50	0	0	0	0	234	36	7	0	0
November 2043	100	0	0	0	0	45	0	0	0	0	246	30	6	0	0
November 2044	100	0	0	0	0	39	0	0	0	0	258	25	5	0	0
November 2045	100	0	0	0	0	33	0	0	0	0	271	20	4	0	0
November 2046	100	0	0	0	0	27	0	0	0	0	285	16	3	0	0
November 2047	100	0	0	0	0	20	0	0	0	0	300	13	2	0	0
November 2048	100	0	0	0	0	13	0	0	0	0	315	10	2	0	0
November 2049	89	0	0	0	0	5	0	0	0	0	331	8	2	0	0
November 2050	0	0	0	0	0	0	0	0	0	0	348	6	1	0	0
November 2051	0	0	0	0	0	0	0	0	0	0	304	4	1	0	0
November 2052	0	0	0	0	0	0	0	0	0	0	236	3	1	0	0
November 2053	0	0	0	0	0	0	0	0	0	0	163	2	0	0	0
November 2054	0	0	0	0	0	0	0	0	0	0	85	1	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	24.3	11.7	11.7	11.7	6.0	15.6	4.7	4.7	4.7	2.8	27.8	14.3	6.1	2.3	0.8

Security Group 13 PSA Prepayment Assumption Rates

		Class JT Class JV								Clas	s JZ							
Distribution Date	0%	100%	250%	447%	650%	900%	0%	100%	250%	447%	650%	900%	0%	100%	250%	447%	650%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	100	99	98	97	96	94	94	93	91	89	87	84	105	105	105	105	105	105
November 2027	99	97	95	91	88	77	88	84	79	72	66	44	110	110	110	110	110	110
November 2028	99	95	91	85	71	24	82	75	66	55	27	0	116	116	116	116	116	49
November 2029	98	94	87	78	34	10	75	65	53	35	0	0	122	122	122	122	68	19
November 2030	98	92	85	54	16	4	68	55	41	0	0	0	128	128	128	108	33	9
November 2031	98	90	82	33	10	2	60	46	29	0	0	0	135	135	135	66	20	4
November 2032	97	89	76	20	6	1	52	36	11	0	0	0	142	142	142	40	12	2
November 2033	96	87	64	14	3	0	44	25	0	0	0	0	149	149	129	28	7	1
November 2034	96	86	50	10	2	0	35	15	0	0	0	0	157	157	101	20	4	0
November 2035	95	84	38	7	1	0	26	4	0	0	0	0	165	165	76	14	2	0
November 2036	95	83	27	5	1	0	16	0	0	0	0	0	173	167	54	10	1	0
November 2037	94	82	21	4	0	0	6	0	0	0	0	0	182	164	42	7	1	0
November 2038	93	79	17	3	0	0	0	0	0	0	0	0	187	159	35	5	1	0
November 2039	92	77	14	2	0	0	0	0	0	0	0	0	185	154	28	4	0	0
November 2040	91	72	11	1	0	0	0	0	0	0	0	0	183	144	23	2	0	0
November 2041	91	63	9	1	0	0	0	0	0	0	0	0	181	127	18	2	0	0
November 2042	90	54	7	1	0	0	0	0	0	0	0	0	180	109	15	1	0	0
November 2043	89	46	6	0	0	0	0	0	0	0	0	0	177	92	12	1	0	0
November 2044	87	37	5	0	0	0	0	0	0	0	0	0	175	75	9	1	0	0
November 2045	86	29	4	0	0	0	0	0	0	0	0	0	173	58	7	0	0	0
November 2046	85	22	3	0	0	0	0	0	0	0	0	0	170	44	5	0	0	0
November 2047	84	18	2	0	0	0	0	0	0	0	0	0	167	36	4	0	0	0
November 2048	82	15	1	0	0	0	0	0	0	0	0	0	164	29	3	0	0	0
November 2049	74	11	1	0	0	0	0	0	0	0	0	0	149	22	2	0	0	0
November 2050	57	8	1	0	0	0	0	0	0	0	0	0	114	16	1	0	0	0
November 2051	36	5	0	0	0	0	0	0	0	0	0	0	72	10	1	0	0	0
November 2052	12	2	0	0	0	0	0	0	0	0	0	0	23	4	0	0	0	0
November 2053	5	1	0	0	0	0	0	0	0	0	0	0	10	2	0	0	0	0
November 2054	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)	23.7	16.7	9.5	5.6	3.8	2.6	7.0	5.5	4.2	3.0	2.3	1.7	24.9	18.9	11.4	7.0	4.8	3.3

Security Group 14 PSA Prepayment Assumption Rates

	Classes FG and SG										
Distribution Date	0%	100%	393%	600%	800%						
Initial Percent	100	100	100	100	100						
November 2026	99	97	92	89	85						
November 2027	98	92	76	66	56						
November 2028	97	85	58	42	29						
November 2029	95	79	43	26	15						
November 2030	94	73	33	17	8						
November 2031	93	67	25	10	4						
November 2032	91	62	18	7	2						
November 2033	89	57	14	4	1						
November 2034	88	52	10	3	1						
November 2035	86	48	8	2	0						
November 2036	84	44	6	1	0						
November 2037	82	40	4	1	0						
November 2038	79	37	3	0	0						
November 2039	77	33	2	0	0						
November 2040	74	30	2	0	0						
November 2041	71	27	1	0	0						
November 2042	68	24	1	0	0						
November 2043	65	21	1	0	0						
November 2044	61	19	0	0	0						
November 2045	57	17	0	0	0						
November 2046	53	14	0	0	0						
November 2047	49	12	0	0	0						
November 2048	44	10	0	0	0						
November 2049	39	9	0	0	0						
November 2050	34	7	0	0	0						
November 2051	28	5	0	0	0						
November 2052	22	4	0	0	0						
November 2053	15	2	0	0	0						
November 2054	8	1	0	0	0						
November 2055	0	0	0	0	0						
Weighted Average											
Life (years)	19.9	11.2	4.5	3.2	2.5						

Security Group 15 PSA Prepayment Assumption Rates

	Classes EA, EB, EC, ED, EG, EH and EI				Clas	ses EJ,	EK, EL,	EM, EN	, EP an	d IE	Cla	asses E0	Q, ET, E	U, GP,	GQ and	IG		
Distribution Date	0%	100%	250%	438%	650%	900%	0%	100%	250%	438%	650%	900%	0%	100%	250%	438%	650%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	99	91	79	65	49	30	100	100	100	100	100	100	99	93	84	73	60	46
November 2027	98	82	62	39	18	0	100	100	100	100	100	91	98	86	70	53	36	21
November 2028	96	74	47	20	0	0	100	100	100	100	96	41	97	80	59	38	22	9
November 2029	95	66	34	7	0	0	100	100	100	100	57	19	96	74	49	28	13	4
November 2030	93	58	24	0	0	0	100	100	100	89	34	8	95	68	41	20	8	2
November 2031	91	51	15	0	0	0	100	100	100	64	21	4	93	63	34	15	5	1
November 2032	89	45	7	0	0	0	100	100	100	46	12	2	92	58	28	11	3	0
November 2033	87	39	1	0	0	0	100	100	100	33	7	1	90	53	24	8	2	0
November 2034	85	33	0	0	0	0	100	100	86	24	4	0	89	48	20	5	1	0
November 2035	83	28	0	0	0	0	100	100	71	17	3	0	87	44	16	4	1	0
November 2036	80	23	0	0	0	0	100	100	58	12	2	0	85	40	13	3	0	0
November 2037	78	18	0	0	0	0	100	100	48	9	1	0	83	37	11	2	0	0
November 2038	75	13	0	0	0	0	100	100	39	6	1	0	80	33	9	1	0	0
November 2039	72	9	0	0	0	0	100	100	32	4	0	0	78	30	7	1	0	0
November 2040	68	5	0	0	0	0	100	100	26	3	0	0	75	27	6	1	0	0
November 2041	65	1	0	0	0	0	100	100	21	2	0	0	73	24	5	0	0	0
November 2042	61	0	0	0	0	0	100	92	17	1	0	0	70	21	4	0	0	0
November 2043	56	0	0	0	0	0	100	81	13	1	0	0	66	18	3	0	0	0
November 2044	52	0	0	0	0	0	100	70	10	1	0	0	63	16	2	0	0	0
November 2045	47	0	0	0	0	0	100	60	8	0	0	0	59	14	2	0	0	0
November 2046	41	0	0	0	0	0	100	50	6	0	0	0	55	11	1	0	0	0
November 2047	36	0	0	0	0	0	100	41	5	0	0	0	50	9	1	0	0	0
November 2048	30	0	0	0	0	0	100	33	3	0	0	0	46	8	1	0	0	0
November 2049	23	0	0	0	0	0	100	25	2	0	0	0	40	6	1	0	0	0
November 2050	16	0	0	0	0	0	100	18	1	0	0	0	35	4	0	0	0	0
November 2051	8	0	0	0	0	0	100	10	1	0	0	0	29	2	0	0	0	0
November 2052	0	0	0	0	0	0	99	4	0	0	0	0	22	1	0	0	0	0
November 2053	0	0	0	0	0	0	68	0	0	0	0	0	16	0	0	0	0	0
November 2054	0	0	0	0	0	0	35	0	0	0	0	0	8	0	0	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)	17.7	6.9	3.2	1.8	1.1	0.7	28.6	21.4	13.0	7.7	4.9	3.2	20.2	10.2	5.4	3.1	2.0	1.3

Security Group 16 PSA Prepayment Assumption Rates

		Class	ses FN ar	nd SN		Classes NA and NI							Class NI		
Distribution Date	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2026	99	97	93	90	87	99	96	90	85	81	100	100	100	100	100
November 2027	98	92	78	68	59	97	89	68	54	41	100	100	100	100	100
November 2028	97	86	59	43	31	95	80	41	19	1	100	100	100	100	100
November 2029	95	79	44	27	16	94	70	21	0	0	100	100	100	91	53
November 2030	94	73	33	17	8	92	62	5	0	0	100	100	100	57	27
November 2031	93	68	25	11	4	90	54	0	0	0	100	100	83	36	14
November 2032	91	62	19	7	2	87	46	0	0	0	100	100	63	23	7
November 2033	89	57	14	4	1	85	39	0	0	0	100	100	47	14	4
November 2034	88	53	10	3	1	82	33	0	0	0	100	100	35	9	2
November 2035	86	48	8	2	0	80	26	0	0	0	100	100	26	6	1
November 2036	84	44	6	1	0	77	20	0	0	0	100	100	19	3	0
November 2037	82	40	4	1	0	74	15	0	0	0	100	100	14	2	0
November 2038	79	37	3	0	0	70	10	0	0	0	100	100	11	1	0
November 2039	77	33	2	0	0	67	5	0	0	0	100	100	8	1	0
November 2040	74	30	2	0	0	63	0	0	0	0	100	100	6	1	0
November 2041	71	27	1	0	0	59	0	0	0	0	100	90	4	0	0
November 2042	68	24	1	0	0	54	0	0	0	0	100	81	3	0	0
November 2043	65	22	1	0	0	50	0	0	0	0	100	72	2	0	0
November 2044	61	19	0	0	0	44	0	0	0	0	100	64	2	0	0
November 2045	57	17	0	0	0	39	0	0	0	0	100	56	1	0	0
November 2046	53	15	0	0	0	33	0	0	0	0	100	48	1	0	0
November 2047	49	12	0	0	0	27	0	0	0	0	100	41	1	0	0
November 2048	44	10	0	0	0	20	0	0	0	0	100	35	0	0	0
November 2049	39	9	0	0	0	13	0	0	0	0	100	29	0	0	0
November 2050	34	7	0	0	0	5	0	0	0	0	100	23	0	0	0
November 2051	28	5	0	0	0	Ó	0	0	0	0	93	18	0	0	0
November 2052	22	4	0	0	0	0	0	0	0	0	72	13	0	0	0
November 2053	15	2	0	0	0	0	0	0	0	0	50	8	0	0	0
November 2054	8	1	0	0	0	0	0	0	0	0	26	4	0	0	0
November 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	19.9	11.3	4.6	3.3	2.6	16.5	7.0	2.8	2.1	1.8	27.9	21.3	8.8	6.0	4.6

Security Group 16 PSA Prepayment Assumption Rates

			Class NV			Class NZ				
Distribution Date	0%	100%	393%	600%	800%	0%	100%	393%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2026	93	93	93	93	93	105	105	105	105	105
November 2027	86	86	86	86	86	110	110	110	110	110
November 2028	78	78	78	78	78	116	116	116	116	116
November 2029	70	70	70	49	0	122	122	122	122	91
November 2030	61	61	61	0	0	128	128	128	99	47
November 2031	52	52	13	0	0	135	135	135	62	24
November 2032	43	43	0	0	0	142	142	108	39	12
November 2033	33	33	0	0	0	149	149	81	25	6
November 2034	22	22	0	0	0	157	157	60	15	3
November 2035	11	11	0	0	0	165	165	45	10	2
November 2036	0	0	0	0	0	173	173	33	6	1
November 2037	0	0	0	0	0	173	173	25	4	0
November 2038	0	0	0	0	0	173	173	18	2	0
November 2039	0	0	0	0	0	173	173	14	1	0
November 2040	0	0	0	0	0	173	173	10	1	0
November 2041	0	0	0	0	0	173	156	7	1	0
November 2042	0	0	0	0	0	173	140	5	0	0
November 2043	0	0	0	0	0	173	124	4	0	0
November 2044	0	0	0	0	0	173	110	3	0	0
November 2045	0	0	0	0	0	173	96	2	0	0
November 2046	0	0	0	0	0	173	84	1	0	0
November 2047	0	0	0	0	0	173	72	1	0	0
November 2048	0	0	0	0	0	173	60	1	0	0
November 2049	0	0	0	0	0	173	50	0	0	0
November 2050	0	0	0	0	0	173	40	0	0	0
November 2051	0	0	0	0	0	160	31	0	0	0
November 2052	0	0	0	0	0	124	22	0	0	0
November 2053	0	0	0	0	0	86	14	0	0	0
November 2054	0	0	0	0	0	44	6	0	0	0
November 2055	Ö	0	Õ	0	0	0	0	0	0	0
Weighted Average										
Life (years)	6.0	6.0	4.5	3.5	2.9	27.9	21.3	9.6	6.7	5.1

Security Group 17 PSA Prepayment Assumption Rates

	Classe	es QA, QB,	QC, QD, QJ and QF		H, QI,		Class QZ				
Distribution Date	0%	150%	270%	300%	600%	-	0%	150%	270%	300%	
Initial Percent	100	100	100	100	100		100	100	100	100	
November 2026	98	94	94	94	94		107	107	91	87	
November 2027	95	83	83	83	74		114	114	68	57	
November 2028	93	71	71	71	47		121	121	44	26	
November 2029	90	60	60	60	29		130	130	30	8	
November 2030	87	50	50	50	19		138	138	25	1	
November 2031	84	40	40	40	12		148	146	24	0	
November 2032	80	32	32	32	7		157	149	24	0	
November 2033	76	26	26	26	5		168	148	23	0	
November 2034	72	21	21	21	3		179	144	21	0	
November 2035	68	17	17	17	2		191	138	19	0	
November 2036	64	13	13	13	1		204	129	17	0	
November 2037	59	11	11	11	1		218	120	15	0	
November 2038	53	8	8	8	0		232	111	13	0	
November 2039	48	7	7	7	0		248	101	11	0	
November 2040	41	5	5	5	0		264	91	10	0	
November 2041	35	4	4	4	0		282	82	8	0	
November 2042	28	3	3	3	0		301	72	7	0	
November 2043	20	2	2	2	0		321	64	6	0	
November 2044	12	2	2	2	0		343	55	5	0	
November 2045	3	1	1	1	0		366	47	4	0	
November 2046	1	1	1	1	0		349	40	3	0	
November 2047	1	1	1	1	0		323	33	2	0	
November 2048	1	1	1	1	0		293	27	2	0	
November 2049	0	0	0	0	0		261	21	1	0	
November 2050	0	0	0	0	0		226	16	1	0	
November 2051	0	0	0	0	0		188	11	1	0	
November 2052	0	0	0	0	0		147	7	0	0	
November 2053	0	0	0	0	0		102	3	0	0	
November 2054	0	0	0	0	0		53	Ö	0	0	
November 2055	0	0	0	0	0		0	0	0	0	
Life (years)	12.6	6.1	6.1	6.1	3.5		25.8	17.3	5.3	2.3	

#### **Yield Considerations**

An investor seeking to maximize yield should make a decision whether to invest in any Regular or MX Class based on:

- the anticipated yield of that Class resulting from its purchase price,
- the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios,
- in the case of the Group 10 and 13 Securities, the investor's own projection of payment rates on the Underlying Certificates under a variety of scenarios, and
- in the case of a Floating Rate or an Inverse Floating Rate Class, the investor's own projection of levels of 30-day Average SOFR under a variety of scenarios.

No representation is made regarding Mortgage Loan prepayment rates, Underlying Certificate payment rates, 30-day Average SOFR levels or the yield of any Class.

Prepayments: Effect on Yields

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

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

30-day Average SOFR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes

Low levels of 30-day Average SOFR can reduce the yield of the Floating Rate Classes. High levels of 30-day Average SOFR can significantly reduce the yield of the Inverse Floating Rate Classes. In addition, the Floating Rate Classes will not necessarily benefit from a higher yield at high levels of 30-day Average SOFR and certain Inverse Floating Rate Classes may not benefit from particularly low levels of 30-day Average SOFR because the rate on such Classes is capped at a maximum rate described under "Terms Sheet — Interest Rates."

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

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

#### **Yield Tables**

The following tables show the pre-tax yields to maturity on a corporate bond equivalent basis of specified Classes at various constant percentages of PSA and, in the case of the Inverse Floating Rate Classes, at various constant levels of 30-day Average SOFR.

The Mortgage Loans will not prepay at any constant rate until maturity, and it is unlikely that 30-day Average SOFR will remain constant. Moreover, it is likely that the Mortgage Loans will experience actual prepayment rates that differ from those of the Modeling Assumptions. **Therefore, the actual pre-tax yield of any Class may differ from those shown in the applicable table below for that Class even if the Class is purchased at the assumed price shown.** 

The yields were calculated by

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

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

The information set forth in the following tables was prepared on the basis of the Modeling Assumptions and the assumptions that (1) the Interest Rate applicable to each Inverse Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of 30-day Average SOFR and (2) the purchase price of each Class (expressed as a percentage of Original Class Principal Balance or original Class Notional Balance) plus accrued interest (in the case of interest-bearing Classes) is as indicated in the related table. **The assumed purchase price is not necessarily that at which actual sales will occur.** 

#### Sensitivity of Class IC to Prepayments Assumed Price 38.95%\*

#### **PSA Prepayment Assumption Rates**

150%	210%	250%	500%	682%
15.0%	14.3%	13.7%	7.0%	0.0%

#### Sensitivity of Class OU to Prepayments Assumed Price 89.35%

#### **PSA Prepayment Assumption Rates**

150%	210%	250%	500%
0.5%	1.2%	3.8%	11.0%

#### Sensitivity of Class SA to Prepayments Assumed Price 6.95%\*

#### **PSA Prepayment Assumption Rates**

30-day Average SOFR	150%	210%	250%	500%
3.18279%	34.7%	31.8%	29.8%	16.9%
4.18279%	18.1%	14.9%	12.7%	(1.0)%
5.09140%	2.8%	(0.6)%	(2.9)%	(17.7)%
6.00000% and above	**	**	**	4040

#### Sensitivity of Class SC to Prepayments Assumed Price 5.3%\*

#### PSA Prepayment Assumption Rates

30-day Average SOFR	150%	210%	250%	500%
3.19683%	37.0%	34.0%	32.0%	19.3%
4.19683%	15.1%	11.9%	9.7%	(4.2)%
4.82342%	1.2%	(2.2)%	(4.5)%	(19.4)%
5.45000% and above	**	**	**	**

#### Sensitivity of Class SJ to Prepayments Assumed Price 5.31%\*

	PSA Prepayment Assumption Rates			
30-day Average SOFR	150%	210%	250%	500%
3.16043462%	37.7%	34.8%	32.8%	20.1%
4.16043462%	15.9%	12.7%	10.5%	(3.4)%
4.80521731%	1.6%	(1.8)%	(4.1)%	(19.0)%
5.45000000% and above	**	**	**	**

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

#### Sensitivity of Class SK to Prepayments Assumed Price 5.3%\*

	PSA Prepayment Assumption Rates				
30-day Average SOFR	150%	210%	250%	500%	
3.18249243%	37.3%	34.4%	32.4%	19.7%	
4.18249243%	15.5%	12.2%	10.1%	(3.9)%	
4.81624622%	1.4%	(2.0)%	(4.3)%	(19.2)%	
5.45000000% and above	**	**	**	**	

#### Sensitivity of Class TI to Prepayments Assumed Price 0.5%\*

30-day Average SOFR	PSA	Prepaymen	t Assumption	tion Rates			
	150%	210%	250%	500%			
6.000% and below	22.6%	19.5%	17.4%	3.9%			
6.075%	5.1%	1.8%	(0.5)%	(15.1)%			
6.150% and above	**	**	**	水水			

#### Sensitivity of Class UI to Prepayments Assumed Price 7.8%\*

PSA Prepayment Assumption Rates				
150%	210%	250%	392%	500%
86.2%	75.2%	58.6%	0.2%	(31.7)%

#### Sensitivity of Class UO to Prepayments Assumed Price 82.85%

PSA Prepayment Assumption Rates				
150%	210%	250%	500%	
1.0%	2.6%	6.6%	16.5%	

#### Sensitivity of Class US to Prepayments Assumed Price 90.25%\*

	PSA 1	PSA Prepayment Assumption Rates			
30-day Average SOFR	150%	210%	250%	500%	
3.16105%	7.5%	8.3%	10.5%	16.8%	
4.16105%	4.8%	5.5%	7.8%	14.2%	
4.95553%	2.6%	3.3%	5.6%	12.1%	
5.75000% and above	0.5%	1.1%	3.5%	10.0%	

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

#### Sensitivity of Class S to Prepayments Assumed Price 6.45%\*

	PSA Prepayment Assumption Rates				
30-day Average SOFR	100%	393%	600%	800%	
3.20285%	30.3%	15.2%	4.1%	(7.0)%	
4.20285%	12.7%	(3.6)%	(15.8)%	(28.1)%	
4.82643%	1.1%	(15.9)%	(28.9)%	(42.3)%	
5.45000% and above	**	**	**	**	

#### Sensitivity of Class SB to Prepayments Assumed Price 4.5%\*

	PSA Prepayment Assumption Rates				
30-day Average SOFR	100%	393%	600%	800%	
3.20386%	32.2%	17.2%	6.2%	(4.8)%	
4.20386%	6.8%	(9.8)%	(22.4)%	(35.3)%	
4.52693%	(2.4)%	(19.5)%	(32.6)%	(46.4)%	
4.85000% and above	**	**	***	**	

#### **SECURITY GROUP 3**

# Sensitivity of Class SE to Prepayments Assumed Price 3.6%\*

30-day Average SOFR	PSA Prepayment Assumption Rates					
	100%	500%	924%	1,400%	1,900%	
3.20185%	64.4%	44.8%	22.7%	(3.8)%	(34.2)%	
4.20185%	31.4%	9.9%	(14.8)%	(44.7)%	(77.6)%	
4.82593%	11.8%	(11.6)%	(39.3)%	(74.1)%	非非	
5.45000% and above	**	**	ofe ofe	***	**	

#### **SECURITY GROUP 4**

#### Sensitivity of Class IO to Prepayments Assumed Price 13.5%\*

PSA Prepayment Assumption Rates				
100%	393%	460%	600%	800%
33.3%	6.2%	0.1%	(12.0)%	(27.3)%

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

#### Sensitivity of Class CI to Prepayments Assumed Price 14.35%\*

**PSA Prepayment Assumption Rates** 

100%	393%	482%	600%	800%
31.6%	7.6%	0.0%	(9.6)%	(24.4)%

#### Sensitivity of Class DI to Prepayments Assumed Price 11.5%\*

**PSA Prepayment Assumption Rates** 

100%	393%	479%	600%	800%
39.7%	8.6%	0.1%	(10.9)%	(26.7)%

# Sensitivity of Class GS to Prepayments Assumed Price 5.8%\*

**PSA Prepayment Assumption Rates** 

30-day Average SOFR	100%	393%	600%	800%
3.16105%	35.9%	21.6%	11.2%	0.9%
4.16105%	16.1%	0.4%	(11.2)%	(22.9)%
4.80553%	3.0%	(13.7)%	(26.3)%	(39.3)%
5.45000% and above	**	**	**	**

#### Sensitivity of Class ID to Prepayments Assumed Price 13.0%\*

**PSA Prepayment Assumption Rates** 

100%	393%	475%	600%	800%
35.0%	7.6%	0.1%	(10.7)%	(26.0)%

#### **SECURITY GROUP 6**

#### Sensitivity of Class AI to Prepayments Assumed Price 21.65%\*

**PSA Prepayment Assumption Rates** 

		, ,		
150%	270%	300%	<u>521%</u>	600%
10.9%	10.9%	10.9%	0.0%	(4.3)%

#### Sensitivity of Class IP to Prepayments Assumed Price 20.8%\*

**PSA Prepayment Assumption Rates** 

150%	270%	300%	483%	600%
10.6%	10.6%	10.6%	0.0%	(7.7)%

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

#### Sensitivity of Class PI to Prepayments Assumed Price 19.7%\*

**PSA Prepayment Assumption Rates** 

150%	270%	300%	457%	600%
10.1%	10.1%	10.1%	0.1%	(10.4)%

#### Sensitivity of Class SH to Prepayments Assumed Price 7.85%\*

**PSA Prepayment Assumption Rates** 

30-day Average SOFR	150%	270%	300%	600%	
3.18881%	20.6%	14.1%	12.4%	(4.6)%	
4.18881%	5.9%	(0.9)%	(2.6)%	(20.8)%	
4.81941%	(4.1)%	(11.1)%	(12.9)%	(31.7)%	
5.45000% and above	**	3(c3):	3/43/4	**	

#### **SECURITY GROUP 7**

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

**PSA Prepayment Assumption Rates** 

	* '				
30-day Average SOFR	100%	500%	945%	1,400%	1,900%
3.18145%	65.0%	45.3%	22.2%	(3.2)%	(33.6)%
4.18145%	38.3%	17.2%	(8.0)%	(35.7)%	(67.9)%
5.09073%	15.1%	(7.9)%	(36.4)%	(68.6)%	**
6.00000% and above	**	**	**	**	**

#### **SECURITY GROUP 9**

#### Sensitivity of Class GI to Prepayments Assumed Price 19.37%\*

**PSA Prepayment Assumption Rates** 

100%	137%	250%	271%	400%
11.6%	9.2%	1.5%	0.0%	(9.2)%

#### **SECURITY GROUP 11**

#### Sensitivity of Class HI to Prepayments Assumed Price 20.0%\*

**PSA Prepayment Assumption Rates** 

100%	142%	250%	304%	400%
14.1%	11.3%	3.8%	0.0%	(7.0)%

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

#### Sensitivity of Class IK to Prepayments Assumed Price 15.4%\*

#### **PSA Prepayment Assumption Rates**

250%	320%	350%	675%	700%
20.1%	20.1%	20.1%	0.1%	(1.6)%

#### Sensitivity of Class IM to Prepayments Assumed Price 18.15%\*

#### **PSA Prepayment Assumption Rates**

250%	320%	350%	688%	700%
16.8%	16.8%	16.8%	0.0%	(0.6)%

#### Sensitivity of Class KI to Prepayments Assumed Price 14.25%\*

#### **PSA Prepayment Assumption Rates**

250%	320%	350%	679%	700%
21.6%	21.6%	21.6%	0.0%	(1.4)%

#### Sensitivity of Class MI to Prepayments Assumed Price 16.5%\*

#### **PSA Prepayment Assumption Rates**

250%	320%	350%	688%	700%
19.1%	19.1%	19.1%	0.0%	(0.7)%

#### Sensitivity of Class SM to Prepayments Assumed Price 9.85%\*

700%

7.3%

(6.0)%

# PSA Prepayment Assumption Rates 30-day Average SOFR 250% 320% 350% 7 3.14771% 30.6% 27.1% 25.6%

18.5%

14.8%

13.2%

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

#### Sensitivity of Class SG to Prepayments Assumed Price 2.1%

	PSA Prepayment Assumption Rates			
30-day Average SOFR	100%	393%	600%	800%
2.71658%	63.3%	49.7%	39.8%	30.0%
3.16105%	38.4%	23.8%	13.0%	2.3%
3.60553%	14.5%	(1.7)%	(13.7)%	(25.9)%
4.05000% and above	**	**	**	**

#### **SECURITY GROUP 15**

#### Sensitivity of Class EI to Prepayments Assumed Price 14.5%\*

PSA Prepayment Assumption Rates					
100%	250%	323%	438%	650%	900%
31.4%	11.7%	0.0%	(20.3)%	(61.4)%	**

#### Sensitivity of Class IE to Prepayments Assumed Price 50.25%\*

#### PSA Prepayment Assumption Rates

100%	250%	400%	438%	650%	900%
10.8%	6.8%	0.0%	(2.1)%	(15.7)%	(36.4)%

#### Sensitivity of Class IG to Prepayments Assumed Price 22.65%\*

#### **PSA Prepayment Assumption Rates**

100%	250%	361%	438%	650%	900%
18.7%	8.2%	0.0%	(5.9)%	(23.1)%	(46.0)%

#### **SECURITY GROUP 16**

#### Sensitivity of Class NI to Prepayments Assumed Price 14.15%\*

#### **PSA Prepayment Assumption Rates**

100%	393%	423%	600%	800%
30.9%	2.9%	0.0%	(15.8)%	(31.2)%

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

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

## Sensitivity of Class SN to Prepayments Assumed Price 6.5%\*

	PSA Prepayment Assumption Rates			
30-day Average SOFR	100%	393%	600%	800%
3.20285%	30.2%	15.5%	4.8%	(5.9)%
4.20285%	12.6%	(3.4)%	(15.3)%	(27.3)%
4.82643%	1.0%	(15.8)%	(28.5)%	(41.8)%
5.45000% and above	**	**	**	**

#### **SECURITY GROUP 17**

#### Sensitivity of Class QI to Prepayments Assumed Price 6.95%\*

PSA Prepayment Assumption Rates				
150%	270%	300%	600%	2,196%
94.3%	94.3%	94.3%	86.1%	0.0%

<sup>\*</sup> 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 Cleary Gottlieb Steen & Hamilton 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 Principal Only, 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.

<sup>\*\*</sup> Indicates that investors will suffer a loss of virtually all of their investment.

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:

Group(s)	<u>PSA</u>
1	210%
2, 4, 5, 14 and 16	393%
3	924%
6 and 17	270%
7	945%
8	134%
9	137%
10 and 13	447%
11	142%
12	320%
15	438%

In the case of the Floating Rate Classes, the interest rate values to be used for these determinations are the initial Interest Rates as set forth in the Terms Sheet under "Interest Rates." No representation is made, however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur or the level of 30-day Average SOFR at any time after the date of this Supplement. See "Certain United States Federal Income Tax Consequences" in the Base Offering Circular.

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

#### **Residual Securities**

The Class 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 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.

Under the One Big Beautiful Bill Act, an individual, trust or estate that holds Residual Securities (directly or indirectly through a grantor trust, a partnership, an S corporation, a common trust fund, or a non-publicly offered RIC) generally will not be eligible to deduct its allocable share of the Trust REMICs' fees or expenses under Section 212 of the Code for any taxable year (including taxable years beginning on or after January 1, 2026). This discussion supersedes the discussion in the Base Offering Circular under "Certain United States Federal Income Tax Consequences — Tax Treatment of Residual Holders — Special Considerations for Certain Types of Investors — Individuals and Pass Through Entities" regarding the deductibility by such persons of such fees and expenses. Prospective investors in Residual Securities are urged to consult with their tax advisors regarding the potential applicability of this legislation to their particular situation.

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

#### **MX Securities**

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

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

#### **ERISA MATTERS**

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

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

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

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

See "ERISA Considerations" in the Base Offering Circular.

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

#### LEGAL INVESTMENT CONSIDERATIONS

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

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

See "Legal Investment Considerations" in the Base Offering Circular.

#### PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer the Regular and MX Classes to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest, if any, from (1) November 1, 2025 on the Fixed Rate and Delay Classes and (2) November 20, 2025 on the Floating Rate and Inverse Floating Rate Classes other than the Delay 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 Cleary Gottlieb Steen & Hamilton LLP and Marcell Solomon & Associates, P.C., and for the Trustee by Faegre Drinker Biddle & Reath 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								
AF	\$ 25,000,000	FA	\$ 25,000,000	PT	(5)	FLT	38385JZD8	November 2055
11 Combination 2	25,000,000							
CA	\$ 44,567,000	CT	\$ 52,194,522	PT	4.75%	FIX	38385JZE6	November 2055
Combination $3(6)$								
CB	\$ 7,627,522	CL	\$ 7,627,522	SEQ	4.00%	FIX	38385JZF3	November 2055
		$_{\rm CM}$	7,627,522	SEQ	4.25	FIX	38385JZG1	November 2055
		CN	7,627,522	SEQ	4.50	FIX	38385JZH9	November 2055
		Ò	5,720,641	SEQ	5.00	FIX	38385JZJ5	November 2055
		CX	4,576,513	SEQ	5.25	FIX	38385JZK2	November 2055
		IC	953,440	NTL(SEQ)	00.9	FIX/IO	38385JZL0	November 2055
Combination 4								
SC	\$200,000,000	SK	\$330,000,000	NTL(PT)	(5)	OI//ANI	38385JZM8	November 2055
Sì	130,000,000							
Combination 5(6)								
UF	\$ 6,078,857	OO	\$ 8,510,400	SUP	0.00%	Ю	38385JZN6	November 2055
ns	2,431,543	n	8,510,400	SUP	0.01	FIX	38385JZP1	November 2055
		UB	8,510,400	SUP	4.00	FIX	38385JZQ9	November 2055
		CC	8,510,400	SUP	4.50	FIX	38385JZR7	November 2055
		OE.	8,510,400	SUP	5.00	FIX	38385JZS5	November 2055
		DO	7,736,727	SUP	5.50	FIX	38385JZT3	November 2055
		II	7,092,000	NTL(SUP)	00.9	FIX/IO	38385JZU0	November 2055

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	Final Distribution Date(4)
				COLAC		COLATE		
<b>Security Group 4</b> Combination 6(6)								
DA	\$110,603,000	DC	\$110,603,000	SEQ	4.00%	FIX	38385JZV8	October 2049
		DE	110,603,000	SEQ	4.25	FIX	38385JZW6	October 2049
		DG	110,603,000	SEQ	4.50	FIX	38385JZX4	October 2049
		DH	110,603,000	SEQ	4.75	FIX	38385JZY2	October 2049
		DI	20,109,636	NTL(SEQ)	5.50	FIX/IO	38385JZZ9	October 2049
		DJ	88,482,400	SEQ	5.25	FIX	38385JA29	October 2049
Combination 7(6)								
DA	\$110,603,000	О	\$127,110,000	SEQ	4.25%	FIX	38385JA37	June 2051
DM	16,507,000	DK	127,110,000	SEQ	4.00	FIX	38385JA45	June 2051
		DQ	127,110,000	SEQ	4.50	FIX	38385JA52	June 2051
		DO	127,110,000	SEQ	4.75	FIX	38385JA60	June 2051
		DW	127,110,000	SEQ	5.00	FIX	38385JA78	June 2051
		DX	101,688,000	SEQ	5.25	FIX	38385JA86	June 2051
		Π	23,110,909	NTL(SEQ)	5.50	FIX/IO	38385JA94	June 2051
Combination 8								
DA	\$110,603,000	DI	\$182,995,907	PT	5.00%	FIX	38385JB28	November 2055
DM	16,507,000							
DN	15,028,000							
DV	17,206,000							
DZ	23,651,907							
Combination 9								
DM	\$ 16,507,000	DB	\$ 72,392,907	SEQ	5.00%	FIX	38385JB36	November 2055
DN	15,028,000							
DV	17,206,000							
DZ	23,651,907							

REMIC Securities				M	MX Securities	8		
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Combination 10(6)								
DA	\$110,603,000	CD	\$142,138,000	SEQ	4.00%	FIX	38385JB44	October 2052
DM	16,507,000	CE	142,138,000	SEQ	4.25	FIX	38385JB51	October 2052
DN	15,028,000	SS	142,138,000	SEQ	4.50	FIX	38385JB69	October 2052
		CH	142,138,000	SEQ	4.75	FIX	38385JB77	October 2052
		CI	25,843,272	NTL(SEQ)	5.50	FIX/IO	38385JB85	October 2052
		C	142,138,000	SEQ	5.00	FIX	38385JB93	October 2052
Combination 11		CP	113,710,400	SEC	C7.C	FIX	/70[(28686	October 2052
DN	\$ 15,028,000	DY	\$ 55,885,907	SEO	5.00%	FIX	38385IC35	November 2055
DV	17,206,000			)			,	
DZ	23,651,907							
Combination 12								
DV	\$ 17,206,000	DI	\$ 40,857,907	SEQ	5.00%	FIX	38385JC43	November 2055
DZ	23,651,907							
Security Group 6								
Combination 13(6)								
PA	\$ 53,516,000	$^{ m PC}$	\$ 53,516,000	PAC/AD	4.00%	FIX	38385JC50	September 2054
		PD	53,516,000	PAC/AD	4.25	FIX	38385JC68	September 2054
		PE	35,677,333	PAC/AD	4.75	FIX	38385JC76	September 2054
		PG	26,758,000	PAC/AD	5.00	FIX	38385JC84	September 2054
		ΡΙ	4,865,090	NTL(PAC/AD)	5.50	FIX/IO	38385JC92	September 2054
Combination 14(6)								
PA	\$ 53,516,000	IP	\$ 5,211,545	NTL(PAC/AD)	5.50%	FIX/IO	38385JD26	June 2055
PN	3,811,000	ЬН	57,327,000	PAC/AD	4.00	FIX	38385JD34	June 2055
		PJ	57,327,000	PAC/AD	4.25	FIX	38385JD42	June 2055
		PK	57,327,000	PAC/AD	4.50	FIX	38385JD59	June 2055
		PQ	38,218,000	PAC/AD	4.75	FIX	38385JD67	June 2055
		PU	28,663,500	PAC/AD	5.00	FIX	38385JD75	June 2055

REMIC Securities	rities			r .	MX Securities			
	Original Class Principal Balance or Class Notional	Related	Maximum Original Class Principal Balance or Class Notional	Principal	Interest	Interest	CUSIP	Final Distribution
Class	Balance	MX Class	Balance(2)	Type(3)	Rate	Type(3)	Number	Date(4)
Combination 15(6)								
PA	\$ 53,516,000	$\overline{\text{AI}}$	\$ 5,464,909	NTL(PAC/AD)	5.50%	FIX/IO	38385JD83	November 2055
Td	2,787,000	AP	60,114,000	PAC/AD	4.00	FIX	38385JD91	November 2055
PN	3,811,000	BP	60,114,000	PAC/AD	4.25	FIX	38385JE25	November 2055
		СР	40,076,000	PAC/AD	4.75	FIX	38385JE33	November 2055
		DP	30,057,000	PAC/AD	5.00	FIX	38385JE41	November 2055
		$_{ m PM}$	60,114,000	PAC/AD	4.50	FIX	38385JE58	November 2055
Combination 16								
PL	\$ 2,787,000	PY	\$ 6,598,000	PAC/AD	4.50%	FIX	38385JE66	November 2055
PN	3,811,000						•	
Security Group 8								
Combination 17								
GA	\$ 22,429,000	Ġ	\$ 25,340,343	PT	4.00%	FIX	38385JE74	November 2055
GZ	2,911,343	,					•	
Security Group 9								
Combination 18(6)								
Ů	\$ 22,423,613	GB	\$ 22,423,613	PT	3.00%	FIX	38385JE82	November 2055
		CC	22,423,613	PT	3.25	FIX	38385JE90	November 2055
		GD	22,423,613	PT	3.50	FIX	38385JF24	November 2055
		GE	22,423,613	PT	3.75	FIX	38385JF32	November 2055
		CH	22,423,613	PT	4.00	FIX	38385JF40	November 2055
		GI	11,211,806	NTL(PT)	00.9	FIX/IO	38385JF57	November 2055
		GK	22,423,613	PT	4.25	FIX	38385JF65	November 2055
		CI	22,423,613	PT	4.50	FIX	38385JF73	November 2055
		GM	22,423,613	PT	4.75	FIX	38385JF81	November 2055
		GN	22,423,613	PT	5.00	FIX	38385JF99	November 2055
Security Group 10 Combination 19								
HA	\$ 8,319,000	HT	\$ 14,834,856	SC/PT	4.50%	FIX	38385JG23	November 2054
HZ	0,515,850							

REMIC Securities				M	MX Securities	8		
Class	Original Class Principal Balance or Class Notional Ralance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Ralance(2)	Principal Tvne(3)	Interest Rate	Interest Tyne(3)	CUSIP	Final Distribution Date(4)
Class	Dalaince	MA CIASS	Dalaire(2)	type(3)	Nate	1ype(3)	IMITITION	Date(1)
<b>Security Group 11</b> Combination 20(6)								
Н	\$ 4,939,202	HB	\$ 4,939,202	PT	3.00%	FIX	38385JG31	November 2055
		HC	4,939,202	PT	3.25	FIX	38385JG49	November 2055
		HD	4,939,202	PT	3.50	FIX	38385JG56	November 2055
		HE	4,939,202	PT	3.75	FIX	38385JG64	November 2055
		HG	4,939,202	PT	4.00	FIX	38385JG72	November 2055
		H	2,659,570	NTL(PT)	6.50	FIX/IO	38385JG80	November 2055
		HJ	4,939,202	PT	4.25	FIX	38385JG98	November 2055
		HK	4,939,202	PT	4.50	FIX	38385JH22	November 2055
		H	4,939,202	PT	4.75	FIX	38385JH30	November 2055
		HM	4,939,202	PT	5.00	FIX	38385JH48	November 2055
		HIN	4,939,202	PT	5.25	FIX	38385JH55	November 2055
		HP	4,939,202	PT	5.50	FIX	38385JH63	November 2055
		НÓ	4,939,202	PT	5.75	FIX	38385JH71	November 2055
		HU	4,939,202	PT	6.25	FIX	38385JH89	November 2055
		HIV	4,939,202	PT	00.9	FIX	38385JH97	November 2055
Security Group 12 Combination 21(6)								
KA	\$118,796,000	KC	\$118,796,000	PAC/AD	4.00%	FIX	38385JJ20	December 2053
		KD	118,796,000	PAC/AD	4.25	FIX	38385]]38	December 2053
		KE	118,796,000	PAC/AD	4.50	FIX	38385JJ46	December 2053
		KG	118,796,000	PAC/AD	4.75	FIX	38385]]53	December 2053
		KH	95,036,800	PAC/AD	5.25	FIX	38385]]61	December 2053
Combination 22(6)		Z	555,747,71	NIL(FAC/AD)	0.00	FLV IO	6/ (((cococ	December 2055
KA	\$118,796,000	IK	\$ 21,264,000	NTL(PAC/AD)	%00.9	FIX/IO	38385]]87	September 2054
KB	8,788,000	KJ	127,584,000	PAC/AD	4.00	FIX	38385]]95	September 2054
		KN	127,584,000	PAC/AD	4.25	FIX	38385JK28	September 2054
		KP	127,584,000	PAC/AD	4.50	FIX	38385JK36	September 2054
		KQ	127,584,000	PAC/AD	4.75	FIX	38385JK44	September 2054
		X X	127,584,000	PAC/AD	00.0	FIX	38385JK51	September 2054
		X	102,007,200	PAC/AD	C7:C	FLX	60x1c8c8c	september 2054

REMIC Securities	8			M	MX Securities	S		
	Original Class Principal Balance or Class Notional	Related	Maximum Original Class Principal Balance or Class Notional	Principal	Interest	Interest	CUSIP	Final Distribution
Class	Balance	MX Class	Balance(2)	Type(3)	Rate	Type(3)	Number	Date(4)
Combination 23(6)								
KA	\$118,796,000	IM	\$ 23,767,844	NTL(PAC/AD)	%00.9	FIX/IO	38385JK77	November 2055
KB	8,788,000	MH	142,607,064	PAC/AD	4.00	FIX	38385JK85	November 2055
KL	6,604,064	MJ	142,607,064	PAC/AD	4.25	FIX	38385JK93	November 2055
KM	8,419,000	MK	142,607,064	PAC/AD	4.50	FIX	38385JL27	November 2055
		ML	142,607,064	PAC/AD	4.75	FIX	38385JL35	November 2055
		MN	142,607,064	PAC/AD	5.00	FIX	38385JL43	November 2055
		MP	114,085,651	PAC/AD	5.25	FIX	38385JL50	November 2055
Combination 24(6)								
KA	\$118,796,000	MA	\$136,003,000	PAC/AD	4.00%	FIX	38385JL68	May 2055
KB	8,788,000	MB	136,003,000	PAC/AD	4.25	FIX	38385JL76	May 2055
KM	8,419,000	MC	136,003,000	PAC/AD	4.50	FIX	38385JL84	May 2055
		MD	136,003,000	PAC/AD	4.75	FIX	38385JL92	May 2055
		ME	136,003,000	PAC/AD	5.00	FIX	38385JM26	May 2055
		MG	108,802,400	PAC/AD	5.25	FIX	38385JM34	May 2055
		MI	22,667,166	NTL(PAC/AD)	00.9	FIX/IO	38385JM42	May 2055
Security Group 13								
Combination 25								
УŽ	\$ 8,507,000	П	\$ 16,981,148	SC/PT	5.00%	FIX	38385JM59	March 2055
JZ	8,474,148							
Security Group 15								
EA	\$ 28,285,000	EB	\$ 28,285,000	SEQ	4.00%	FIX	38385JM67	November 2052
		EC	28,285,000	SEQ	4.25	FIX	38385JM75	November 2052
		ED	28,285,000	SEQ	4.50	FIX	38385JM83	November 2052
		EG	28,285,000	SEQ	4.75	FIX	38385JM91	November 2052
		HH H	28,285,000	SEQ NTI (SFO)	2.00	FIX FIX/IO	38385JN25 38385JN33	November 2052 November 2052
		1	7,11				000000	

REMIC Securities				M	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	Final Distribution Date(4)
Combination 27(6)								
EA	\$ 28,285,000	EQ	\$ 36,609,904	PT	4.00%	FIX	38385JN41	November 2055
EL	8,324,904	ET	36,609,904	PT	4.25	FIX	38385JN58	November 2055
		EU	36,609,904	PT	4.50	FIX	38385JN66	November 2055
		GP	36,609,904	PT	4.75	FIX	38385JN74	November 2055
		ÒЭ	36,609,904	PT	5.00	FIX	38385JN82	November 2055
		IG	12,203,301	NTL(PT)	00.9	FIX/IO	38385JN90	November 2055
Combination 28(6)								
EL	\$ 8,324,904	Ē	\$ 8,324,904	SEQ	4.00%	FIX	38385JP23	November 2055
		EK	8,324,904	SEQ	4.25	FIX	38385JP31	November 2055
		EM	8,324,904	SEQ	4.50	FIX	38385JP49	November 2055
		EN	8,324,904	SEQ	4.75	FIX	38385JP56	November 2055
		EP	8,324,904	SEQ	5.00	FIX	38385JP64	November 2055
		Œ	2,774,968	NTL(SEQ)	00.9	FIX/IO	38385JP72	November 2055
Security Group 16 Combination 29								
NV NZ	\$ 18,049,000	N	\$ 42,858,224	SEQ	5.00%	FIX	38385JP80	November 2055
Security Group 17	111111111111111111111111111111111111111							
OP OP	\$ 91,717,270	ÓA	\$ 91,717,270	PAC/AD	5.75%	FIX	38385JP98	November 2055
)		ÓB	91,717,270	PAC/AD	5.50	FIX	38385JQ22	November 2055
		ОС	91,717,270	PAC/AD	5.25	FIX	38385JQ30	November 2055
		QD	91,717,270	PAC/AD	5.00	FIX	38385JQ48	November 2055
		QE	91,717,270	PAC/AD	4.75	FIX	38385JQ55	November 2055
		ÓĞ	91,717,270	PAC/AD	4.50	FIX	38385JQ63	November 2055
		ÓН	91,717,270	PAC/AD	4.25	FIX	38385JQ71	November 2055
		ΟΊ	35,275,873	NTL(PAC/AD)	6.50	FIX/IO	38385JQ89	November 2055
		Ö	91,717,270	PAC/AD	4.00	FIX	38385JQ97	November 2055

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

- (2) The amount shown for each the 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.
- See "Yield, Maturity and Prepayment Considerations Final Distribution Date" in this Supplement. 4
- The Interest Rate will be calculated as described under "Terms Sheet Interest Rates" in this Supplement. (2)
- In the case of Combinations 3, 5, 6, 7, 10, 13, 14, 15, 18, 20, 21, 22, 23, 24, 26, 27, 28 and 30, various Various subcombinations are permitted. See "Description of the Securities — Modification and Exchange" in the Base Offering Circular for a discussion of subcombinations. 9

#### Schedule II

#### SCHEDULED PRINCIPAL BALANCES

Distribution Date	Classes P and PB (in the aggregate)	Class UD	Classes PA, PL and PN (in the aggregate)
Initial Balance	\$68,788,000.00	\$2,700,000.00	\$60,114,000.00
December 2025	68,649,906.75	2,692,454.96	59,917,431.54
January 2026	68,490,622.24	2,682,397.33	59,702,140.17
February 2026	68,310,202.33	2,669,833.98	59,468,195.37
March 2026	68,108,719.19	2,654,775.92	59,215,680.97
April 2026	67,886,261.27	2,637,238.29	58,944,695.02
May 2026	67,642,933.31	2,617,240.29	58,655,349.82
June 2026	67,378,856.23	2,594,805.30	58,347,771.79
July 2026	67,094,167.12	2,569,960.73	58,022,101.43
August 2026	66,789,019.11	2,542,738.06	57,678,493.19
September 2026	66,463,581.28	2,513,172.82	57,317,115.33
October 2026	66,118,038.51	2,481,304.50	56,938,149.79
November 2026	65,752,591.34	2,447,176.55	56,541,792.06
December 2026	65,367,455.80	2,410,836.23	56,128,250.94
January 2027	64,962,863.19	2,372,334.67	55,697,748.39
February 2027	64,539,059.90	2,331,726.66	55,250,519.30
March 2027	64,096,307.16	2,289,070.67	54,786,811.24
April 2027	63,634,880.76	2,244,428.69	54,306,884.26
May 2027	63,155,070.82	2,197,866.17	53,811,010.56
June 2027	62,657,181.46	2,149,451.89	53,299,474.26
July 2027	62,141,530.52	2,099,257.85	52,772,571.08
August 2027	61,608,449.21	2,047,359.12	52,230,608.03
September 2027	61,058,281.76	1,993,833.77	51,673,903.08
October 2027	60,491,385.06	1,938,762.68	51,102,784.81
November 2027	59,908,128.28	1,882,229.42	50,517,592.09
December 2027	59,308,892.46	1,824,320.08	49,918,673.65
January 2028	58,694,070.13	1,765,123.16	49,306,387.75
February 2028	58,064,064.82	1,704,729.35	48,681,101.74
March 2028	57,419,290.68	1,643,231.41	48,060,321.82
April 2028	56,779,751.85	1,582,991.95	47,444,009.76
May 2028	56,145,406.89	1,523,994.11	46,832,127.63
June 2028	55,516,214.69	1,466,221.25	46,224,637.79
July 2028	54,892,134.46	1,409,656.92	45,621,502.89
August 2028	54,273,125.73	1,354,284.84	45,022,685.86
September 2028	53,659,148.35	1,300,088.92	44,428,149.91
October 2028	53,050,162.48	1,247,053.26	43,837,858.55
November 2028	52,446,128.59	1,195,162.16	43,251,775.55
December 2028	51,847,007.49	1,144,400.08	42,669,864.96
January 2029	51,252,760.25	1,094,751.66	42,092,091.10
February 2029	50,663,348.29	1,046,201.72	41,518,418.59
March 2029	50,078,733.31	998,735.28	40,948,812.28
April 2029	49,498,877.31	952,337.49	40,383,237.32
May 2029	48,923,742.59	906,993.69	39,821,659.11
June 2029	48,353,291.76	862,689.41	39,264,043.31
· · · · · · · · · · · · · · · · · · ·	,0-0,->	,00/.11	57, - 5, - 5.04

Distribution Date	Classes P and PB (in the aggregate)	Class UD	Classes PA, PL and PN (in the aggregate)
July 2029	\$47,787,487.71	\$ 819,410.33	\$38,710,355.85
August 2029	47,226,293.62	777,142.28	38,160,562.93
September 2029	46,669,672.97	735,871.29	37,614,630.98
October 2029	46,117,589.52	695,583.54	37,072,526.71
November 2029	45,570,007.31	656,265.35	36,534,217.06
December 2029	45,026,890.68	617,903.22	35,999,669.25
January 2030	44,488,204.24	580,483.81	35,468,850.73
February 2030	43,953,912.87	543,993.92	34,941,729.20
March 2030	43,423,981.72	508,420.53	34,418,272.61
April 2030	42,898,376.26	473,750.74	33,898,449.14
May 2030	42,377,062.16	439,971.82	33,382,227.23
June 2030	41,860,005.43	407,071.19	32,869,575.55
July 2030	41,347,172.30	375,036.41	32,360,463.02
August 2030	40,838,529.28	343,855.21	31,854,858.76
September 2030	40,334,043.15	313,515.40	31,352,732.16
October 2030	39,833,680.94	284,005.02	30,854,052.83
November 2030	39,337,409.94	255,312.20	30,358,790.62
December 2030	38,845,197.71	227,425.21	29,866,915.58
January 2031	38,357,012.05	200,332.46	29,378,398.01
February 2031	37,872,821.03	174,022.53	28,893,208.44
March 2031	37,392,592.94	148,484.09	28,411,317.60
April 2031	36,916,296.36	123,705.97	27,932,696.45
May 2031	36,443,900.08	99,677.13	27,457,316.18
June 2031	35,975,373.16	76,386.65	26,985,148.19
July 2031	35,510,684.90	53,823.75	26,516,164.09
August 2031	35,049,804.82	31,977.78	26,050,335.71
September 2031	34,592,702.72	10,838.21	25,587,635.10
October 2031	34,139,348.58	0.00	25,128,034.49
November 2031	33,689,712.68	0.00	24,675,841.07
December 2031	33,243,765.49	0.00	24,231,522.41
January 2032	32,801,477.72	0.00	23,794,944.03
February 2032	32,362,820.33	0.00	23,365,973.75
March 2032	31,927,764.48	0.00	22,944,481.59
April 2032	31,496,281.58	0.00	22,530,339.78
May 2032	31,068,343.24	0.00	22,123,422.69
June 2032	30,643,921.33	0.00	21,723,606.83
July 2032	30,222,987.90	0.00	21,330,770.77
August 2032	29,805,515.25	0.00	20,944,795.15
September 2032	29,391,475.89	0.00	20,565,562.61
October 2032	28,980,842.53	0.00	20,192,957.76
November 2032	28,573,588.12	0.00	19,826,867.19
December 2032	28,169,685.81	0.00	19,467,179.38
January 2033	27,769,108.96	0.00	19,113,784.69
February 2033	27,371,831.14	0.00	18,766,575.36
March 2033	26,977,826.12	0.00	18,425,445.41
April 2033	26,587,067.91	0.00	18,090,290.68
May 2033	26,199,530.67	0.00	17,761,008.77

Distribution Date	Classes P and PB (in the aggregate)	 Class UD	Classes PA, PL and PN (in the aggregate)
June 2033	\$25,815,188.82	\$ 0.00	\$17,437,498.99
July 2033	25,434,016.93	0.00	17,119,662.36
August 2033	25,055,989.82	0.00	16,807,401.58
September 2033	24,681,082.46	0.00	16,500,621.00
October 2033	24,309,270.05	0.00	16,199,226.56
November 2033	23,941,130.62	0.00	15,903,125.82
December 2033	23,578,275.43	0.00	15,612,227.89
January 2034	23,220,630.71	0.00	15,326,443.43
February 2034	22,868,123.71	0.00	15,045,684.58
March 2034	22,520,682.69	0.00	14,769,865.01
April 2034	22,178,236.87	0.00	14,498,899.81
May 2034	21,840,716.48	0.00	14,232,705.54
June 2034	21,508,052.68	0.00	13,971,200.16
July 2034	21,180,177.58	0.00	13,714,303.01
August 2034	20,857,024.24	0.00	13,461,934.81
September 2034	20,538,526.63	0.00	13,214,017.62
October 2034	20,224,619.62	0.00	12,970,474.81
November 2034	19,915,239.00	0.00	12,731,231.07
December 2034	19,610,321.41	0.00	12,496,212.35
January 2035	19,309,804.40	0.00	12,265,345.85
February 2035	19,013,626.35	0.00	12,038,560.02
March 2035	18,721,726.51	0.00	11,815,784.51
April 2035	18,434,044.94	0.00	11,596,950.18
May 2035	18,150,522.56	0.00	11,381,989.04
June 2035	17,871,101.07	0.00	11,170,834.28
July 2035	17,595,723.00	0.00	10,963,420.20
August 2035	17,324,331.65	0.00	10,759,682.23
September 2035	17,056,871.12	0.00	10,759,556.89
October 2035	16,793,286.26	0.00	10,362,981.78
November 2035	16,533,522.71	0.00	10,169,895.55
December 2035	16,277,526.83	0.00	9,980,237.91
January 2036	16,025,245.73	0.00	9,793,949.58
•	15,776,627.25	0.00	9,610,972.30
February 2036	15,770,027.23	0.00	9,431,248.79
March 2036		0.00	9,254,722.74
April 2036	15,290,173.12 15,052,236.69	0.00	9,081,338.81
May 2036	, ,	0.00	8,911,042.59
June 2036	14,817,761.35		
July 2036	14,586,698.42	0.00	8,743,780.61
August 2036	14,358,999.92	0.00	8,579,500.28
September 2036	14,134,618.53	0.00	8,418,149.95
October 2036	13,913,507.57	0.00	8,259,678.81
November 2036	13,695,621.00	0.00	8,104,036.93
December 2036	13,480,913.45	0.00	7,951,175.23
January 2037	13,269,340.14	0.00	7,801,045.46
February 2037	13,060,856.93	0.00	7,653,600.21
March 2037	12,855,420.27	0.00	7,508,792.85
April 2037	12,652,987.24	0.00	7,366,577.56

Distribution Date	Classes P and PB (in the aggregate)	 Class UD	Classes PA, PL and PN (in the aggregate)
May 2037	\$12,453,515.49	\$ 0.00	\$ 7,226,909.31
June 2037	12,256,963.25	0.00	7,089,743.82
July 2037	12,063,289.36	0.00	6,955,037.58
August 2037	11,872,453.20	0.00	6,822,747.80
September 2037	11,684,414.71	0.00	6,692,832.45
October 2037	11,499,134.41	0.00	6,565,250.19
November 2037	11,316,573.35	0.00	6,439,960.40
December 2037	11,136,693.12	0.00	6,316,923.16
January 2038	10,959,455.83	0.00	6,196,099.21
February 2038	10,784,824.13	0.00	6,077,449.98
March 2038	10,612,761.18	0.00	5,960,937.54
April 2038	10,443,230.66	0.00	5,846,524.63
May 2038	10,276,196.75	0.00	5,734,174.62
June 2038	10,111,624.10	0.00	5,623,851.49
July 2038	9,949,477.89	0.00	5,515,519.85
August 2038	9,789,723.76	0.00	5,409,144.92
September 2038	9,632,327.83	0.00	5,304,692.50
October 2038	9,477,256.68	0.00	5,202,128.99
November 2038	9,324,477.37	0.00	5,101,421.36
December 2038	9,173,957.40	0.00	5,002,537.13
January 2039	9,025,664.74	0.00	4,905,444.40
February 2039	8,879,567.79	0.00	4,810,111.81
March 2039	8,735,635.39	0.00	4,716,508.52
April 2039	8,593,836.81	0.00	4,624,604.23
May 2039	8,454,141.76	0.00	4,534,369.18
June 2039	8,316,520.36	0.00	4,445,774.08
July 2039	8,180,943.13	0.00	4,358,790.17
August 2039	8,047,381.03	0.00	4,273,389.18
September 2039	7,915,805.41	0.00	4,189,543.31
October 2039	7,786,188.00	0.00	4,107,225.26
November 2039	7,658,500.96	0.00	4,026,408.18
December 2039	7,532,716.79	0.00	3,947,065.69
January 2040	7,408,808.42	0.00	3,869,171.85
February 2040	7,286,749.12	0.00	3,792,701.19
March 2040	7,166,512.54	0.00	3,717,628.65
April 2040	7,100,312.34	0.00	3,643,929.63
May 2040	6,931,404.03	0.00	3,571,579.92
June 2040	6,816,481.21	0.00	3,500,555.75
July 2040	6,703,279.36	0.00	3,430,833.75
August 2040	6,591,773.90	0.00	3,362,390.96
September 2040	6,481,940.62	0.00	3,295,204.80
October 2040	6,373,755.63	0.00	3,229,253.09
November 2040	6,267,195.38	0.00	3,164,514.03
December 2040	6,162,236.65	0.00	3,100,966.20
	6,058,856.53	0.00	3,038,588.53
January 2041		0.00	2,977,360.34
February 2041	5,957,032.45 5,956,742.14		2,917,261.28
March 2041	5,856,742.14	0.00	4,71/,401.48

Distribution Date	Classes P and PB (in the aggregate)	Class UD	Classes PA, PL and PN (in the aggregate)
April 2041	\$ 5,757,963.64	\$ 0.00	\$ 2,858,271.38
May 2041	5,660,675.30	0.00	2,800,370.98
June 2041	5,564,855.78	0.00	2,743,540.79
July 2041	5,470,484.02	0.00	2,687,761.84
August 2041	5,377,539.26	0.00	2,633,015.49
September 2041	5,286,001.04	0.00	2,579,283.40
October 2041	5,195,849.18	0.00	2,526,547.59
November 2041	5,107,063.77	0.00	2,474,790.35
December 2041	5,019,625.19	0.00	2,423,994.30
January 2042	4,933,514.10	0.00	2,374,142.35
February 2042	4,848,711.42	0.00	2,325,217.71
March 2042	4,765,198.33	0.00	2,277,203.88
April 2042	4,682,956.28	0.00	2,230,084.64
May 2042	4,601,966.99	0.00	2,183,844.06
June 2042	4,522,212.41	0.00	2,138,466.48
July 2042	4,443,674.78	0.00	2,093,936.50
August 2042	4,366,336.55	0.00	2,050,239.02
September 2042	4,290,180.44	0.00	2,007,359.17
October 2042	4,215,189.41	0.00	1,965,282.34
November 2042	4,141,346.63	0.00	1,923,994.19
December 2042	4,068,635.55	0.00	1,883,480.62
January 2043	3,997,039.81	0.00	1,843,727.78
February 2043	3,926,543.32	0.00	1,804,722.04
March 2043	3,857,130.17	0.00	1,766,450.03
April 2043	3,788,784.72	0.00	1,728,898.60
May 2043	3,721,491.51	0.00	1,692,054.84
June 2043	3,655,235.32	0.00	1,655,906.05
July 2043	3,590,001.14	0.00	1,620,439.75
August 2043	3,525,774.16	0.00	1,585,643.70
September 2043	3,462,539.78	0.00	1,551,505.85
October 2043	3,400,283.62	0.00	1,518,014.36
November 2043	3,338,991.48	0.00	1,485,157.62
December 2043	3,278,649.38	0.00	1,452,924.19
January 2044	3,219,243.53	0.00	1,421,302.84
February 2044	3,160,760.31	0.00	1,390,282.55
March 2044	3,103,186.33	0.00	1,359,852.49
	3,046,508.37	0.00	1,330,001.99
April 2044	2,990,713.38	0.00	1,300,720.60
May 2044		0.00	1,271,998.04
	2,935,788.53	0.00	1,243,824.20
July 2044	2,881,721.13 2,828,498.71	0.00	1,216,189.16
			1,189,083.17
September 2044	2,776,108.93	0.00	
October 2044	2,724,539.66	0.00	1,162,496.65 1,136,420.18
November 2044	2,673,778.93	0.00	1,110,844.52
December 2044	2,623,814.93	0.00	
January 2045	2,574,636.02	0.00	1,085,760.57
February 2045	2,526,230.74	0.00	1,061,159.41

Distribution Date	Classes P and PB (in the aggregate)	_	Class UD	Classes PA, PL and PN (in the aggregate)
March 2045	\$ 2,478,587.77	\$	0.00	\$ 1,037,032.27
April 2045	2,431,695.96		0.00	1,013,370.53
May 2045	2,385,544.31		0.00	990,165.72
June 2045	2,340,121.99		0.00	967,409.52
July 2045	2,295,418.30		0.00	945,093.75
August 2045	2,251,422.72		0.00	923,210.40
September 2045	2,208,124.85		0.00	901,751.57
October 2045	2,165,514.46		0.00	880,709.50
November 2045	2,123,581.44		0.00	860,076.59
December 2045	2,082,315.85		0.00	839,845.36
January 2046	2,041,707.88		0.00	820,008.45
February 2046	2,001,747.84		0.00	800,558.65
March 2046	1,962,426.21		0.00	781,488.85
April 2046	1,923,733.57		0.00	762,792.11
May 2046	1,885,660.67		0.00	744,461.56
June 2046	1,848,198.36		0.00	726,490.48
July 2046	1,811,337.64		0.00	708,872.28
August 2046	1,775,069.62		0.00	691,600.45
September 2046	1,739,385.55		0.00	674,668.62
October 2046	1,704,276.80		0.00	658,070.53
November 2046	1,669,734.87		0.00	641,800.03
December 2046	1,635,751.35		0.00	625,851.07
January 2047	1,602,317.99		0.00	610,217.72
February 2047	1,569,426.63		0.00	594,894.14
March 2047	1,537,069.23		0.00	579,874.60
April 2047	1,505,237.88		0.00	565,153.48
May 2047	1,473,924.77		0.00	550,725.25
June 2047	1,443,122.19		0.00	536,584.47
July 2047	1,412,822.57		0.00	522,725.82
August 2047	1,383,018.41		0.00	509,144.05
September 2047	1,353,702.34		0.00	495,834.02
October 2047	1,324,867.10		0.00	482,790.67
November 2047	1,296,505.52		0.00	470,009.03
December 2047	1,268,610.53		0.00	457,484.23
January 2048	1,241,175.17		0.00	445,211.48
February 2048	1,214,192.58		0.00	433,186.07
March 2048	1,187,655.99		0.00	421,403.38
April 2048	1,161,558.72		0.00	409,858.87
May 2048	1,135,894.22		0.00	398,548.08
June 2048	1,110,655.99		0.00	387,466.63
July 2048	1,085,837.64		0.00	376,610.21
August 2048	1,061,432.88		0.00	365,974.61
September 2048	1,037,435.51		0.00	355,555.67
October 2048	1,013,839.39		0.00	345,349.32
November 2048	990,638.51		0.00	335,351.56
December 2048	967,826.92		0.00	325,558.44
	945,398.76		0.00	315,966.12
January 2049	74),370./0		0.00	313,900.12

February 2049         \$ 923,348.24         \$ 0.00         \$ 306,570.79           March 2049         901,669.69         0.00         297,368.75           April 2049         880,357.48         0.00         2298,356.31           May 2049         859,406.08         0.00         279,529.91           June 2049         88,810.05         0.00         270,885.99           July 2049         818,564.01         0.00         262,421.12           August 2049         798,662.66         0.00         254,131.14           Ceptember 2049         779,100.78         0.00         246,014.90           Crober 2049         759,873.22         0.00         238,066.95           November 2049         740,974.93         0.00         223,066.95           November 2049         722,400.88         0.00         222,665.22           January 2050         686,205.92         0.00         207,911.60           March 2050         686,205.92         0.00         207,911.60           May 2050         634,224.48         0.00         180,899.91           July 2050         634,224.48         0.00         180,899.91           July 2050         617,494.94         0.00         180,392.33           July 205	Distribution Date	asses P and PB the aggregate)	Class UD	Classes PA, PL and PN the aggregate)
March 2049         901,669,69         0.00         297,368,75           April 2049         880,357,48         0.00         288,356,31           May 2049         859,406,08         0.00         279,529,91           June 2049         818,564,01         0.00         270,885,99           July 2049         818,564,01         0.00         262,421,12           August 2049         798,662,66         0.00         246,014,30           October 2049         779,100,78         0.00         246,014,30           November 2049         740,974,95         0.00         230,284,78           December 2049         722,400,88         0.00         220,284,78           December 2049         722,400,88         0.00         225,655,18           February 2050         686,205,92         0.00         207,901,60           March 2050         686,205,92         0.00         207,901,60           March 2050         668,755,36         0.00         207,751,88           April 2050         651,249,76         0.00         193,751,88           May 2050         634,224,48         0.00         186,899,91           July 2050         610,561         0.00         173,627,56           August 205	February 2049	\$ 923,348.24	\$ 0.00	\$ 306,570.79
April 2049         880,357.48         0.00         288,356.31           May 2049         859,406.08         0.00         279,529.91           July 2049         838,810.05         0.00         270,885,99           July 2049         788,662.66         0.00         262,421.12           August 2049         779,100.78         0.00         246,014.90           October 2049         759,873.22         0.00         238,066.95           November 2049         740,974.93         0.00         230,284.78           December 2049         722,400.88         0.00         222,665.22           January 2050         704,146.16         0.00         215,205.18           February 2050         668,205.92         0.00         207,901.60           March 2050         668,275.36         0.00         207,911.60           March 2050         668,275.36         0.00         207,511.48           April 2050         634,224.48         0.00         186,899.91           July 2050         617,494.94         0.00         186,899.91           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050	•	,	0.00	
May 2049         859,406.08         0.00         279,529,91           June 2049         838,810.05         0.00         270,885,99           July 2049         181,564.01         0.00         262,421,12           August 2049         798,662.66         0.00         254,131.87           September 2049         779,100.78         0.00         234,014.90           October 2049         740,974.93         0.00         238,066.95           November 2049         722,400.88         0.00         222,265.22           January 2050         704,146.16         0.00         215,205.18           February 2050         668,205.92         0.00         207,901.60           March 2050         668,205.92         0.00         207,901.60           March 2050         668,257.36         0.00         215,205.18           May 2050         668,257.36         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         186,899.91           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050 <td></td> <td>,</td> <td>0.00</td> <td></td>		,	0.00	
June 2049         838,810.05         0.00         270,885,99           July 2049         818,564.01         0.00         262,421.12           August 2049         798,662.66         0.00         234,131.87           September 2049         779,100.78         0.00         234,014.90           October 2049         759,873.22         0.00         230,284.78           December 2049         722,400.88         0.00         222,665.22           January 2050         704,146.16         0.00         215,205.18           February 2050         686,205.92         0.00         207,901.60           March 2050         668,575.36         0.00         200,751.48           April 2050         661,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           July 2050         601,056.61         0.00         180,192.73           July 2050         584,905.05         0.00         167,201.66           September 2050	*			,
July 2049         818,564.01         0.00         262,421.12           August 2049         798,662.66         0.00         254,131.87           September 2049         779,100.78         0.00         238,066.95           November 2049         759,873.22         0.00         238,066.95           November 2049         740,974.93         0.00         230,284.78           December 2049         722,400.88         0.00         222,665.22           January 2050         686.205.92         0.00         207,901.60           March 2050         668,575.36         0.00         207,901.60           March 2050         668,575.36         0.00         193,751.88           May 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         601,056.61         0.00         183,751.88           May 2050         601,056.61         0.00         183,762.75           August 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.62           September 2050         583,427.41         0.00         184,736.96           Overaber	•	,		
August 2049         798,662.66         0.00         254,131.87           September 2049         779,100.78         0.00         246,014.90           October 2049         759,873.22         0.00         233,066.95           November 2049         740,974.93         0.00         230,284.78           December 2049         722,400.88         0.00         222,665.22           January 2050         704,146.16         0.00         215,205.18           February 2050         686,205.92         0.00         207,901.60           March 2050         668,575.36         0.00         207,901.60           March 2050         668,575.36         0.00         207,791.48           April 2050         631,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         58,903.58.7         0.00         167,201.66           September 2050         538,127.41         0.00         148,732.94 <td< td=""><td></td><td></td><td></td><td>,</td></td<>				,
September 2049         779,100.78         0.00         246,014.90           October 2049         759,873.22         0.00         238,066.95           November 2049         740,974.93         0.00         230,284.78           December 2049         722,400.88         0.00         222,665.22           January 2050         686,205.92         0.00         207,901.60           February 2050         686,205.92         0.00         207,901.60           March 2050         668,575.36         0.00         207,911.48           April 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         186,899.91           June 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         160,912.34           October 2050         584,905.05         0.00         167,201.66           August 2050         584,905.05         0.00         167,201.66           November 2050         583,127.41         0.00         154,756.96           November 2050         538,127.41         0.00         144,732.94	•			,
October 2049         759,873.22         0.00         238,066.95           November 2049         740,974.93         0.00         230,284.78           December 2049         722,400.88         0.00         222,665.22           January 2050         704,146.16         0.00         215,205.18           February 2050         686,205.92         0.00         207,901.60           March 2050         668,575.36         0.00         207,501.60           Mary 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         157,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         584,905.05         0.00         167,201.66           September 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         148,735.94           November 2050         533,174.4         0.00         142,837.33           January 2051         496,706.4         0.00         137,608.83				
November 2049         740,974,93         0.00         230,284,78           December 2049         722,400,88         0.00         222,655,25           January 2050         704,146,16         0.00         215,205,218           February 2050         686,205,92         0.00         207,901,60           March 2050         686,205,36         0.00         200,751,48           April 2050         651,249,76         0.00         193,751,88           May 2050         634,224,48         0.00         186,899,91           June 2050         617,494,94         0.00         180,192,73           July 2050         601,056,61         0.00         173,627,56           August 2050         584,905,05         0.00         167,201,66           September 2050         584,905,05         0.00         167,201,66           September 2050         553,444,74         0.00         154,756.96           November 2050         538,127,41         0.00         142,837.73           January 2051         598,297,38         0.00         142,837.73           January 2051         493,76,46         0.00         131,423.80           March 2051         493,76,46         0.00         125,909,21           M	•	,		, .
December 2049         722,400.88         0.00         222,665.22           January 2050         704,146.16         0.00         215,205.18           February 2050         686,205.92         0.00         207,901.60           March 2050         668,205.73         0.00         207,901.60           Mary 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         148,732.94           December 2050         538,127.41         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         493,776.46         0.00         134,423.80           March 2051         479,512.89         0.00         125,902.21           May 2051         451,742.03         0.00         115,207.99           June 20				,
January 2050         704,146.16         0.00         215,205.18           February 2050         686,205.92         0.00         207,901.60           March 2050         668,575.36         0.00         207,751.48           April 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         180,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         169,912.34           October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         142,837.73           January 2051         508,297.38         0.00         142,837.73           January 2051         493,776.46         0.00         131,423.80           March 2051         493,776.46         0.00         132,438.0           March 2051         493,776.46         0.00         152,00.21           April 2051         451,742.03         0.00         115,207.99           July 2051<				
February 2050         686,205.92         0.00         207,901.60           March 2050         668,575.36         0.00         200,751.48           April 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.50           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         169,12.34           October 2050         553,444.74         0.00         148,735.94           December 2050         538,127.41         0.00         148,735.294           December 2050         538,127.41         0.00         148,735.294           December 2050         538,127.41         0.00         148,735.294           December 2051         598,297.38         0.00         134,283.09           March 2051         493,776.46         0.00         131,423.80           March 2051         495,712.89         0.00         125,900.21           April 2051         451,742.03         0.00         115,207.99           Jul				,
March 2050         668,575.36         0.00         200,751.48           April 2050         651,249,76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         601,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         142,837.3           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495,71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051	· ·	,		
April 2050         651,249.76         0.00         193,751.88           May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         115,207.99           June 2051         438,226.98         0.00         104,973.76           August 2051         411,918.66         0.00         99,179.79           October 2051 <td>·</td> <td></td> <td></td> <td></td>	·			
May 2050         634,224.48         0.00         186,899.91           June 2050         617,494.94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         538,127.41         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         125,900.21           April 2051         465,502.72         0.00         115,207.99           June 2051         438,226.98         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         90,179.79           October 2051 <td></td> <td>,</td> <td></td> <td>,</td>		,		,
June 2050         617,494,94         0.00         180,192.73           July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         115,207.99           June 2051         438,226.98         0.00         115,207.99           June 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         100,934.75           August 2051         411,918.66         0.00         104,973.76           August 2051         386,548.08         0.00         95,179.79           October 20	*	,		,
July 2050         601,056.61         0.00         173,627.56           August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         148,8732.94           December 2050         523,079.66         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,712.89         0.00         125,900.21           April 2051         479,712.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           July 2051         451,742.03         0.00         115,207.99           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         104,973.76           August 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         90,442.53           November	•	,		
August 2050         584,905.05         0.00         167,201.66           September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         116,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         104,973.76           August 2051         411,918.66         0.00         95,177.97           October 2051         386,548.08         0.00         90,442.53           November 2051         362,086.41         0.00         81,277.08           Janua				
September 2050         569,035.87         0.00         160,912.34           October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         438,226.98         0.00         115,207.99           Jule 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         100,022.82           September 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         90,442.53           November 2051         374,205.40         0.00         85,808.97           December 2051         362,086.41         0.00         87,212.8           Ma				,
October 2050         553,444.74         0.00         154,756.96           November 2050         538,127.41         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         100,022.82           September 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         90,442.53           November 2051         374,205.40         0.00         85,808.97           December 2051         362,086.41         0.00         81,277.08           January 2052         338,505.65         0.00         72,510.28           Marc				
November 2050         538,127.41         0.00         148,732.94           December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         100,022.82           September 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         90,442.53           November 2051         374,205.40         0.00         85,808.97           December 2051         362,086.41         0.00         81,277.08           January 2052         338,505.65         0.00         72,510.28           March 2052         327,037.07         0.00         68,271.49           April 2	•			
December 2050         523,079.66         0.00         142,837.73           January 2051         508,297.38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         100,022.82           September 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         90,442.53           November 2051         362,086.41         0.00         85,808.97           December 2051         362,086.41         0.00         87,270.08           January 2052         350,187.63         0.00         76,844.84           February 2052         350,187.63         0.00         76,844.84           February 2052         315,778.59         0.00         64,126.56           May 2				
January 2051         508,297,38         0.00         137,068.83           February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         411,918.66         0.00         100,022.85           September 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         90,442.53           November 2051         374,205.40         0.00         85,808.97           December 2051         362,086.41         0.00         81,277.08           January 2052         350,187.63         0.00         76,844.84           February 2052         338,505.65         0.00         72,510.28           March 2052         315,778.59         0.00         64,126.56           May 2052         304,726.92         0.00         60,073.62           June 2052				
February 2051         493,776.46         0.00         131,423.80           March 2051         479,512.89         0.00         125,900.21           April 2051         465,502.72         0.00         120,495.71           May 2051         451,742.03         0.00         115,207.99           June 2051         438,226.98         0.00         110,034.75           July 2051         424,953.77         0.00         104,973.76           August 2051         399,117.98         0.00         95,179.79           October 2051         386,548.08         0.00         99,142.53           November 2051         364,086.41         0.00         85,808.97           December 2051         362,086.41         0.00         81,277.08           January 2052         350,187.63         0.00         76,844.84           February 2052         338,505.65         0.00         72,510.28           March 2052         315,778.59         0.00         64,126.56           May 2052         304,726.92         0.00         60,073.62           June 2052         293,878.83         0.00         56,110.86           July 2052         283,231.15         0.00         52,236.48           August 2052		,		
March 2051       479,512.89       0.00       125,900.21         April 2051       465,502.72       0.00       120,495.71         May 2051       451,742.03       0.00       115,207.99         June 2051       438,226.98       0.00       110,034.75         July 2051       424,953.77       0.00       104,973.76         August 2051       411,918.66       0.00       100,022.82         September 2051       399,117.98       0.00       95,179.79         October 2051       386,548.08       0.00       90,442.53         November 2051       374,205.40       0.00       85,808.97         December 2051       362,086.41       0.00       81,277.08         January 2052       350,187.63       0.00       76,844.84         February 2052       338,505.65       0.00       72,510.28         March 2052       327,037.07       0.00       68,271.49         April 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       50,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052	·			,
April 2051465,502.720.00120,495.71May 2051451,742.030.00115,207.99June 2051438,226.980.00110,034.75July 2051424,953.770.00104,973.76August 2051411,918.660.00100,022.82September 2051399,117.980.0095,179.79October 2051386,548.080.0090,442.53November 2051374,205.400.0085,808.97December 2051362,086.410.0081,277.08January 2052350,187.630.0076,844.84February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052272,780.730.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03	·	,		,
May 2051451,742.030.00115,207.99June 2051438,226,980.00110,034.75July 2051424,953.770.00104,973.76August 2051411,918.660.00100,022.82September 2051399,117.980.0095,179.79October 2051386,548.080.0090,442.53November 2051374,205.400.0085,808.97December 2051362,086.410.0081,277.08January 2052350,187.630.0076,844.84February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052283,231.150.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03		,		
June 2051438,226,980.00110,034.75July 2051424,953.770.00104,973.76August 2051411,918.660.00100,022.82September 2051399,117.980.0095,179.79October 2051386,548.080.0090,442.53November 2051374,205.400.0085,808.97December 2051362,086.410.0081,277.08January 2052350,187.630.0076,844.84February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052283,231.150.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03	1	,		
July 2051       424,953.77       0.00       104,973.76         August 2051       411,918.66       0.00       100,022.82         September 2051       399,117.98       0.00       95,179.79         October 2051       386,548.08       0.00       90,442.53         November 2051       374,205.40       0.00       85,808.97         December 2051       362,086.41       0.00       81,277.08         January 2052       350,187.63       0.00       76,844.84         February 2052       338,505.65       0.00       72,510.28         March 2052       327,037.07       0.00       68,271.49         April 2052       315,778.59       0.00       64,126.56         May 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	•	,		
August 2051       411,918.66       0.00       100,022.82         September 2051       399,117.98       0.00       95,179.79         October 2051       386,548.08       0.00       90,442.53         November 2051       374,205.40       0.00       85,808.97         December 2051       362,086.41       0.00       81,277.08         January 2052       350,187.63       0.00       76,844.84         February 2052       338,505.65       0.00       72,510.28         March 2052       327,037.07       0.00       68,271.49         April 2052       315,778.59       0.00       64,126.56         May 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	·	,		
September 2051399,117.980.0095,179.79October 2051386,548.080.0090,442.53November 2051374,205.400.0085,808.97December 2051362,086.410.0081,277.08January 2052350,187.630.0076,844.84February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052272,780.730.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03	•			,
October 2051       386,548.08       0.00       90,442.53         November 2051       374,205.40       0.00       85,808.97         December 2051       362,086.41       0.00       81,277.08         January 2052       350,187.63       0.00       76,844.84         February 2052       338,505.65       0.00       72,510.28         March 2052       327,037.07       0.00       68,271.49         April 2052       315,778.59       0.00       64,126.56         May 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03				,
November 2051       374,205.40       0.00       85,808.97         December 2051       362,086.41       0.00       81,277.08         January 2052       350,187.63       0.00       76,844.84         February 2052       338,505.65       0.00       72,510.28         March 2052       327,037.07       0.00       68,271.49         April 2052       315,778.59       0.00       64,126.56         May 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	*	,		,
December 2051362,086.410.0081,277.08January 2052350,187.630.0076,844.84February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052272,780.730.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03				,
January 2052350,187.630.0076,844.84February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052272,780.730.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03				
February 2052338,505.650.0072,510.28March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052272,780.730.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03				
March 2052327,037.070.0068,271.49April 2052315,778.590.0064,126.56May 2052304,726.920.0060,073.62June 2052293,878.830.0056,110.86July 2052283,231.150.0052,236.48August 2052272,780.730.0048,448.72September 2052262,524.490.0044,745.85October 2052252,459.380.0041,126.17November 2052242,582.410.0037,588.03	•			
April 2052       315,778.59       0.00       64,126.56         May 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	·	,		
May 2052       304,726.92       0.00       60,073.62         June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03				
June 2052       293,878.83       0.00       56,110.86         July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	*			,
July 2052       283,231.15       0.00       52,236.48         August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03				,
August 2052       272,780.73       0.00       48,448.72         September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	·			
September 2052       262,524.49       0.00       44,745.85         October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03	•			
October 2052       252,459.38       0.00       41,126.17         November 2052       242,582.41       0.00       37,588.03				,
November 2052	•			
	December 2052	232,890.61		

Distribution Date	usses P and PB the aggregate)	(	Class UD	Classes PA, PL and PN (in the aggregate)		
January 2053	\$ 223,381.07	\$	0.00	\$	30,749.80	
February 2053	214,050.92		0.00		27,446.55	
March 2053	204,897.34		0.00		24,218.46	
April 2053	195,917.53		0.00		21,064.02	
May 2053	187,108.75		0.00		17,981.75	
June 2053	178,468.30		0.00		14,970.17	
July 2053	169,993.50		0.00		12,027.85	
August 2053	161,681.73		0.00		9,153.39	
September 2053	153,530.40		0.00		6,345.40	
October 2053	145,536.96		0.00		3,602.52	
November 2053	137,698.89		0.00		923.43	
December 2053	130,013.73		0.00		0.00	
January 2054	122,479.02		0.00		0.00	
February 2054	115,092.37		0.00		0.00	
March 2054	107,851.41		0.00		0.00	
April 2054	100,753.80		0.00		0.00	
May 2054	93,797.25		0.00		0.00	
June 2054	86,979.48		0.00		0.00	
July 2054	80,298.27		0.00		0.00	
August 2054	73,751.42		0.00		0.00	
September 2054	67,336.76		0.00		0.00	
October 2054	61,052.15		0.00		0.00	
November 2054	54,895.50		0.00		0.00	
December 2054	48,864.73		0.00		0.00	
January 2055	42,957.81		0.00		0.00	
February 2055	37,172.71		0.00		0.00	
March 2055	31,507.47		0.00		0.00	
April 2055	25,960.12		0.00		0.00	
May 2055	20,528.74		0.00		0.00	
June 2055	15,211.45		0.00		0.00	
July 2055	10,006.38		0.00		0.00	
August 2055	4,911.68		0.00		0.00	
September 2055 and thereafter	0.00		0.00		0.00	

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
Initial Balance	\$142,607,064.00	\$91,717,270.00
December 2025	142,200,832.56	91,387,288.29
January 2026	141,727,637.69	91,029,053.50
February 2026	141,187,658.91	90,642,678.16
March 2026	140,581,160.70	90,228,296.22
April 2026	139,908,492.71	89,786,063.00
May 2026	139,170,089.72	89,316,155.10
June 2026	138,366,471.43	88,818,770.29
July 2026	137,498,242.12	88,294,127.31
August 2026	136,566,090.06	87,742,465.80
September 2026	135,570,786.75	87,164,045.98
October 2026	134,513,186.06	86,559,148.53
November 2026	133,394,223.06	85,928,074.27
December 2026	132,214,912.78	85,271,143.88
January 2027	130,976,348.73	84,588,697.63
February 2027	129,679,701.23	83,881,095.00
March 2027	128,326,215.66	83,148,714.38
April 2027	126,917,210.41	82,391,952.60
May 2027	125,454,074.77	81,611,224.61
June 2027	123,938,266.61	80,806,962.99
July 2027	122,371,309.87	79,979,617.48
August 2027	120,754,792.00	79,129,654.57
September 2027	119,090,361.14	78,257,556.92
October 2027	117,379,723.23	77,363,822.88
November 2027	115,624,638.96	76,448,965.93
December 2027	113,826,920.62	75,513,514.11
January 2028	111,988,428.78	74,558,009.44
February 2028	110,111,068.95	73,608,772.23
March 2028	108,196,788.01	72,665,745.28
April 2028	106,308,141.26	71,728,871.79
May 2028	104,444,769.66	70,798,095.39
June 2028	102,606,319.10	69,873,360.08
July 2028	100,792,440.23	68,954,610.29
August 2028	99,002,788.51	68,041,790.81
September 2028	97,237,024.04	67,134,846.84
October 2028	95,494,811.55	66,233,723.96
November 2028	93,775,820.34	65,338,368.13
December 2028	92,079,724.20	64,448,725.71
January 2029	90,406,201.36	63,564,743.42
February 2029	88,754,934.42	62,686,368.35
March 2029	87,125,610.30	61,813,547.97
April 2029	85,517,920.17	60,946,230.11
May 2029	83,931,559.41	60,084,362.98
June 2029	82,366,227.53	59,227,895.14
July 2029	80,821,628.14	58,376,775.50
August 2029	79,297,468.86	57,530,953.34
September 2029	77,793,461.30	56,690,378.29
oepicinoci 2027	//,/93,401.30	JU,UJU,J/0.49

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
October 2029	\$ 76,309,321.00	\$55,855,000.32
November 2029	74,844,767.34	55,024,769.75
December 2029	73,399,523.53	54,199,637.26
January 2030	71,973,316.56	53,379,553.84
February 2030	70,565,877.11	52,564,470.84
March 2030	69,176,939.51	51,754,339.94
April 2030	67,806,241.74	50,949,113.14
May 2030	66,453,525.32	50,148,742.79
June 2030	65,118,535.27	49,353,181.55
July 2030	63,801,020.10	48,562,382.41
August 2030	62,500,731.73	47,776,298.66
September 2030	61,217,425.45	46,994,883.95
October 2030	59,950,859.88	46,218,092.21
November 2030	58,704,454.07	45,445,877.68
December 2030	57,483,419.44	44,678,194.94
January 2031	56,287,246.51	43,914,998.85
February 2031	55,115,435.92	43,156,244.58
March 2031	53,967,498.25	42,401,887.61
April 2031	52,842,953.82	41,651,883.70
May 2031	51,741,332.50	40,910,254.50
June 2031	50,662,173.51	40,181,413.50
July 2031	49,605,025.25	39,465,144.30
August 2031	48,569,445.11	38,761,234.09
September 2031	47,554,999.30	38,069,473.66
October 2031	46,561,262.65	37,389,657.26
November 2031	45,587,818.49	36,721,582.62
December 2031	44,634,258.42	36,065,050.82
January 2032	43,700,182.20	35,419,866.31
February 2032	42,785,197.56	34,785,836.78
March 2032	41,888,920.03	34,162,773.15
April 2032	41,010,972.83	33,550,489.53
May 2032	40,150,986.67	32,948,803.10
June 2032	39,308,599.65	32,357,534.14
July 2032	38,483,457.06	31,776,505.92
August 2032	37,675,211.27	31,205,544.69
September 2032	36,883,521.60	30,644,479.58
October 2032	36,108,054.15	30,093,142.62
November 2032	35,348,481.68	29,551,368.63
December 2032	34,604,483.51	29,018,995.22
January 2033	33,875,745.32	28,495,862.69
February 2033	33,161,959.09	27,981,814.06
March 2033	32,462,822.95	27,476,694.95
April 2033	31,778,041.04	26,980,353.59
May 2033	31,107,323.43	26,492,640.74
June 2033	30,450,385.96	26,013,409.67
July 2033	29,806,950.18	25,542,516.12
August 2033	29,176,743.16	25,079,818.24
rugust 20jj	49,170,743.10	4),0/7,010.44

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
September 2033	\$ 28,559,497.45	\$24,625,176.56
October 2033	27,954,950.95	24,178,453.97
November 2033	27,362,846.79	23,739,515.64
December 2033	26,782,933.24	23,308,229.02
January 2034	26,214,963.58	22,884,463.77
February 2034	25,658,696.07	22,468,091.76
March 2034	25,113,893.77	22,058,986.99
April 2034	24,580,324.50	21,657,025.60
May 2034	24,057,760.70	21,262,085.79
June 2034	23,545,979.39	20,874,047.82
July 2034	23,044,762.05	20,492,793.96
August 2034	22,553,894.52	20,118,208.46
September 2034	22,073,166.95	19,750,177.51
October 2034	21,602,373.66	19,388,589.22
November 2034	21,141,313.13	19,033,333.59
December 2034	20,689,787.85	18,684,302.46
January 2035	20,247,604.27	18,341,389.48
February 2035	19,814,572.72	18,004,490.12
March 2035	19,390,507.35	17,673,501.57
April 2035	18,975,226.01	17,348,322.79
May 2035	18,568,550.21	17,028,854.41
June 2035	18,170,305.06	16,714,998.74
July 2035	17,780,319.14	16,406,659.76
August 2035	17,398,424.51	16,103,743.04
September 2035	17,024,456.56	15,806,155.74
October 2035	16,658,254.02	15,513,806.61
November 2035	16,299,658.84	15,226,605.91
December 2035	15,948,516.13	14,944,465.42
January 2036	15,604,674.14	14,667,298.42
February 2036	15,267,984.14	14,395,019.64
March 2036	14,938,300.40	14,127,545.25
April 2036	14,615,480.13	13,864,792.84
May 2036	14,299,383.39	13,606,681.38
June 2036	13,989,873.06	13,353,131.22
July 2036	13,686,814.78	13,104,064.04
August 2036	13,390,076.89	12,859,402.85
September 2036	13,099,530.37	12,619,071.96
October 2036	12,815,048.80	12,382,996.96
November 2036	12,536,508.32	12,151,104.69
December 2036	12,263,787.53	11,923,323.22
January 2037	11,996,767.50	11,699,581.86
February 2037	11,735,331.70	11,479,811.09
March 2037	11,479,365.91	11,263,942.57
April 2037	11,228,758.24	11,051,909.13
May 2037	10,983,399.05	10,843,644.71
June 2037	10,743,180.91	10,639,084.39
July 2037	10,507,998.55	10,438,164.35

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
August 2037	\$ 10,277,748.81	\$10,240,821.82
September 2037	10,052,330.64	10,046,995.12
October 2037	9,831,645.00	9,856,623.60
November 2037	9,615,594.86	9,669,647.65
December 2037	9,404,085.15	9,486,008.65
January 2038	9,197,022.72	9,305,648.99
February 2038	8,994,316.28	9,128,512.03
March 2038	8,795,876.41	8,954,542.09
April 2038	8,601,615.48	8,783,684.42
May 2038	8,411,447.63	8,615,885.23
June 2038	8,225,288.74	8,451,091.60
July 2038	8,043,056.39	8,289,251.54
August 2038	7,864,669.82	8,130,313.92
September 2038	7,690,049.90	7,974,228.50
October 2038	7,519,119.12	7,820,945.88
November 2038	7,351,801.52	7,670,417.49
December 2038	7,188,022.68	7,522,595.59
January 2039	7,027,709.68	7,377,433.26
February 2039	6,870,791.09	7,234,884.37
March 2039	6,717,196.91	7,094,903.56
April 2039	6,566,858.58	6,957,446.27
May 2039	6,419,708.90	6,822,468.67
June 2039	6,275,682.05	6,689,927.69
July 2039	6,134,713.55	6,559,780.98
August 2039	5,996,740.21	6,431,986.92
September 2039	5,861,700.12	6,306,504.59
October 2039	5,729,532.64	6,183,293.79
November 2039	5,600,178.36	6,062,314.96
December 2039	5,473,579.06	5,943,529.26
January 2040	5,349,677.71	5,826,898.47
February 2040	5,228,418.45	5,712,385.05
March 2040	5,109,746.54	5,599,952.09
April 2040	4,993,608.34	5,489,563.30
May 2040	4,879,951.33	5,381,183.03
June 2040	4,768,724.04	5,274,776.20
July 2040	4,659,876.04	5,170,308.38
August 2040	4,553,357.94	5,067,745.67
September 2040	4,449,121.34	4,967,054.80
October 2040	4,347,118.85	4,868,203.03
November 2040	4,247,304.01	4,771,158.20
December 2040	4,149,631.33	4,675,888.69
January 2041	4,054,056.24	4,582,363.42
February 2041	3,960,535.07	4,490,551.84
March 2041	3,869,025.06	4,400,423.92
April 2041	3,779,484.29	4,311,950.16
May 2041	3,691,871.73	4,225,101.55
June 2041	3,606,147.16	4,139,849.56
	, ,	, , , , , ,

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
July 2041	\$ 3,522,271.19	\$ 4,056,166.18
August 2041	3,440,205.23	3,974,023.85
September 2041	3,359,911.49	3,893,395.51
October 2041	3,281,352.93	3,814,254.55
November 2041	3,204,493.29	3,736,574.79
December 2041	3,129,297.03	3,660,330.55
January 2042	3,055,729.35	3,585,496.54
February 2042	2,983,756.16	3,512,047.94
March 2042	2,913,344.06	3,439,960.33
April 2042	2,844,460.33	3,369,209.72
May 2042	2,777,072.94	3,299,772.54
June 2042	2,711,150.49	3,231,625.60
July 2042	2,646,662.24	3,164,746.12
August 2042	2,583,578.07	3,099,111.73
September 2042	2,521,868.49	3,034,700.42
October 2042	2,461,504.60	2,971,490.56
November 2042	2,402,458.09	2,909,460.89
December 2042	2,344,701.25	2,848,590.54
January 2043	2,288,206.92	2,788,858.96
February 2043	2,232,948.50	2,730,245.99
March 2043	2,178,899.95	2,672,731.79
April 2043	2,126,035.75	2,616,296.87
May 2043	2,074,330.91	2,560,922.08
June 2043	2,023,760.94	2,506,588.60
July 2043	1,974,301.88	2,453,277.93
August 2043	1,925,930.25	2,400,971.88
September 2043	1,878,623.04	2,349,652.59
October 2043	1,832,357.72	2,299,302.49
November 2043	1,787,112.25	2,249,904.33
December 2043	1,742,865.00	2,201,441.15
January 2044	1,699,594.82	2,153,896.29
February 2044	1,657,280.97	2,107,253.35
March 2044	1,615,903.17	2,061,496.25
April 2044	1,575,441.52	2,016,609.17
May 2044	1,535,876.56	1,972,576.56
June 2044	1,497,189.22	1,929,383.14
July 2044	1,459,360.82	1,887,013.90
August 2044	1,422,373.07	1,845,454.09
September 2044	1,386,208.07	1,804,689.20
October 2044	1,350,848.26	1,764,705.00
November 2044	1,316,276.47	1,725,487.47
December 2044	1,282,475.88	1,687,022.87
January 2045	1,249,430.01	1,649,297.66
February 2045	1,217,122.73	1,612,298.57
March 2045	1,185,538.22	1,576,012.54
April 2045	1,154,661.03	1,540,426.74
May 2045	1,124,476.00	1,505,528.56

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
June 2045	\$ 1,094,968.29	\$ 1,471,305.61
July 2045	1,066,123.37	1,437,745.73
August 2045	1,037,927.01	1,404,836.94
September 2045	1,010,365.27	1,372,567.51
October 2045	983,424.52	1,340,925.86
November 2045	957,091.39	1,309,900.67
December 2045	931,352.79	1,279,480.77
January 2046	906,195.92	1,249,655.21
February 2046	881,608.23	1,220,413.22
March 2046	857,577.44	1,191,744.23
April 2046	834,091.52	1,163,637.83
May 2046	811,138.69	1,136,083.82
June 2046	788,707.42	1,109,072.15
July 2046	766,786.42	1,082,592.97
August 2046	745,364.63	1,056,636.59
September 2046	724,431.23	1,031,193.49
October 2046	703,975.61	1,006,254.31
November 2046	683,987.41	981,809.87
December 2046	664,456.45	957,851.14
January 2047	645,372.79	934,369.24
February 2047	626,726.69	911,355.45
March 2047	608,508.61	888,801.23
April 2047	590,709.22	866,698.14
May 2047	573,319.37	845,037.92
June 2047	556,330.11	823,812.46
July 2047	539,732.68	803,013.77
August 2047	523,518.51	782,634.02
September 2047	507,679.19	762,665.50
October 2047	492,206.50	743,100.64
November 2047	477,092.39	723,932.01
December 2047	462,328.99	705,152.31
January 2048	447,908.57	686,754.36
February 2048	433,823.58	668,731.12
March 2048	420,066.64	651,075.66
April 2048	406,630.51	633,781.17
May 2048	393,508.09	616,840.98
June 2048	380,692.45	600,248.52
July 2048	368,176.81	583,997.33
August 2048	355,954.52	568,081.09
September 2048	344,019.07	552,493.57
October 2048	332,364.10	537,228.66
November 2048	320,983.36	522,280.35
December 2048	309,870.77	507,642.73
January 2049	299,020.34	493,310.02
February 2049	288,426.24	479,276.53
March 2049	278,082.73	465,536.65
April 2049	267,984.22	452,084.89
тріп 201/	207,704.22	4,004.09

Distribution Date	Classes KA, KB, KL and KM (in the aggregate)	Class QP
May 2049	\$ 258,125.23	\$ 438,915.87
June 2049	248,500.38	426,024.28
July 2049	239,104.44	413,404.91
August 2049	229,932.25	401,052.64
September 2049	220,978.79	388,962.47
October 2049	212,239.14	377,129.45
November 2049	203,708.47	365,548.73
December 2049	195,382.07	354,215.56
January 2050	187,255.33	343,125.27
February 2050	179,323.72	332,273.25
March 2050	171,582.82	321,655.00
April 2050	164,028.32	311,266.09
May 2050	156,655.97	301,102.17
June 2050	149,461.63	291,158.97
July 2050	142,441.25	281,432.28
August 2050	135,590.86	271,918.00
September 2050	128,906.58	262,612.06
October 2050	122,384.60	253,510.49
November 2050	116,021.21	244,609.40
December 2050	109,812.77	235,904.93
January 2051	103,755.72	227,393.34
February 2051	97,846.58	219,070.92
March 2051	92,081.93	210,934.03
April 2051	86,458.45	202,979.12
May 2051	80,972.87	195,202.68
June 2051	75,622.00	187,601.26
July 2051	70,402.71	180,171.50
August 2051	65,311.94	172,910.07
September 2051	60,346.71	165,813.72
October 2051	55,504.09	158,879.25
November 2051	50,781.21	152,103.52
December 2051	46,175.28	145,483.44
-	41,683.56	139,015.99
January 2052	· · · · · · · · · · · · · · · · · · ·	*
February 2052	37,303.36	132,698.19
March 2052	33,032.06	126,527.13
April 2052	28,867.10	120,499.92
May 2052	24,805.97	114,613.77
June 2052	20,846.22	108,865.91
July 2052	16,985.43	103,253.62
August 2052	13,221.26	97,774.24
September 2052	9,551.42	92,425.15
October 2052	5,973.66	87,203.78
November 2052	2,485.77	82,107.61
December 2052	0.00	77,134.18
January 2053	0.00	72,281.03
February 2053	0.00	67,545.80
March 2053	0.00	62,926.13

Distribution Date	Classes KA KL and I (in the aggr	КМ	Class QP
April 2053	\$	0.00	\$ 58,419.72
May 2053		0.00	54,024.32
June 2053		0.00	49,737.72
July 2053		0.00	45,557.73
August 2053		0.00	41,482.21
September 2053		0.00	37,509.08
October 2053		0.00	33,636.27
November 2053		0.00	29,861.76
December 2053		0.00	26,183.57
January 2054		0.00	22,599.75
February 2054		0.00	19,108.39
March 2054		0.00	15,707.62
April 2054		0.00	12,395.58
May 2054		0.00	9,170.48
June 2054		0.00	6,030.54
July 2054		0.00	2,974.02
August 2054 and thereafter		0.00	0.00

# **Underlying Certificates**

Ginnie Mae	IorII	п	п	п	п	п	п	п	П
Percentage of Class	in Trust	59.8392570169%	8.7300977796	44.8837766595	87.1345167033	34.8454108271	22.2232092079	100.0000000000	1.7189976717
Principal Balance	in Trust	\$3,829,284.00	857,121.00	1,827,976.38	8,320,475.00	2,139,480.00	5,346,357.00	5,869,770.00	3,625,541.39
Underlying Certificate	Factor(2)	1.00000000	1.00000000	0.97596176	1.00000000	1.00000000	1.00000000	1.00000000	0.99202840
Original Principal Balance	ofClass	\$ 6,399,284	9,818,000	4,173,000	9,549,000	6,139,919	24,057,538	5,869,770	212,605,000
Principal	Type(1)	SC/SEQ	SEO	SC/SEQ/AD	SEO/AD	SEO	SEQ	SC/PT	SEQ
Final Distribution	Date	September 2052	February 2053	November 2054	October 2049	February 2055	March 2055	July 2053	August 2051
Interest	Type(1)	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX
Interest	Rate	4.50%	4.50	4.50	4.50	2.00	2.00	2.00	5.00
CUSIP	Number	38384YDB4	38385EPT5	38383BFS6	38383BGE6	38385DDN3	38385EVT8	38385GFL8	38381Q2B6
Issue	Date	October 30, 2024	March 28, 2025	September 30, 2025	September 30, 2025	February 28, 2025	March 28, 2025	May 30, 2025	August 29, 2025
	Class	EM(3)(4)	NO	BV(5)	10	Ň	0 NY(6)	AN(7)	HK(6)
	Series	2024-159	2025-041	2025-156	2025-156	2025-025	2025-041	2025-089	2025-139
	Issuer	Ginnie Mae	Ginnie Mae	Ginnie Mae	Ginnie Mae	Ginnie Mae	Ginnie Mae	Ginnie Mae	Ginnie Mae
Trust Asset Group	4	10	10	10	10	13	13	13	13

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

Underlying Certificate Factors are as of November 2025. 38

Class EM is backed by a previously issued Ginnie Mae REMIC certificate as outlined below:

• REMIC Class KA from 2024-151

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

Class BV is backed by previously issued Ginnie Mae MX certificates as outlined below: (y

MX Class JK from 2024-126

• MX Class JE from 2024-184

• MX Class HY from 2025-089, further backed by:

• REMIC Classes DL, GM and KL from 2024-151

• MX Class YQ from 2024-110

MX Class.

Class AN is backed by previously issued Ginnie Mae REMIC certificates as outlined below: 96

• REMIC Class JM from 2024-197

REMIC Classes HM and HN from 2025-025



\$3,306,077,561

#### **Government National Mortgage Association**

### **GINNIE MAE**®

Guaranteed REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2025-192

OFFERING CIRCULAR SUPPLEMENT November 21, 2025

