

\$2,288,767,124
Government National Mortgage Association
GINNIE MAE®
Guaranteed REMIC Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2025-002

The Securities

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

The Ginnie Mae Guaranty

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

The Trust and its Assets

The Trust will own Ginnie Mae Certificates.

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-13 which highlights some of these risks.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be January 30, 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.

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1						
QF	\$ 20,000,000	(5)	PT	FLT	38385BN71	January 2055
QS	20,000,000	(5)	NTL(PT)	INV/IO	38385BN89	January 2055
Security Group 2						
BC(1)	19,176,000	5.50%	SUP	FIX	38385BN97	May 2053
BP(1)	67,135,000	5.50	PAC	FIX	38385BP20	May 2053
BV(1)	6,155,000	5.50	AD/SEQ	FIX	38385BP38	December 2035
BZ(1)	7,534,000	5.50	SEQ	FIX/Z	38385BP46	December 2054
FB(1)	50,000,000	(5)	PT	FLT	38385BP53	December 2054
SB(1)	50,000,000	(5)	NTL(PT)	INV/IO	38385BP61	December 2054
Security Group 3						
KF	42,200,000	(5)	TAC/AD	FLT(6)	38385BP79	January 2055
MF	75,000,000	(5)	PT	FLT	38385BP87	January 2055
MS	75,000,000	(5)	NTL(PT)	INV/IO	38385BP95	January 2055
SH(1)	50,000,000	(5)	NTL(PT)	INV/IO	38385BQ29	January 2055
ZF(1)	7,800,000	(5)	FUP	FLT/Z(6)	38385BQ37	January 2055
Security Group 4						
NB	41,483,877	5.50	SEQ/AD	FIX	38385BQ45	January 2048
NZ	5,947,683	5.50	SEQ	FIX/Z	38385BQ52	January 2055
Security Group 5						
FZ	15,611,104	(5)	SUP	FLT/Z(6)	38385BQ60	December 2064
SY	65,611,104	(5)	NTL(PT)	INV/IO	38385BQ78	December 2064
TF	50,000,000	(5)	TAC/AD	FLT(6)	38385BQ86	December 2064
Security Group 6						
YF	40,000,000	(5)	PT	FLT	38385BQ94	January 2055
YS	40,000,000	(5)	NTL(PT)	INV/IO	38385BR28	January 2055
Security Group 7						
CA	5,217,407	5.50	SUP	FIX	38385BR36	January 2055
CK	5,000,000	5.00	SUP	FIX	38385BR44	January 2055
CL	5,000,000	6.00	SUP	FIX	38385BR51	January 2055
FG(1)	129,674,562	(5)	PT	FLT	38385BR69	January 2055
P	100,000,000	5.50	PAC	FIX	38385BR77	September 2053
PV(1)	6,500,724	5.50	AD/PAC	FIX	38385BR85	December 2035
PZ(1)	7,956,431	5.50	PAC	FIX/Z	38385BR93	January 2055
SG(1)	129,674,562	(5)	NTL(PT)	INV/IO	38385BS27	January 2055
Security Group 8						
M	43,888,894	2.00	SEQ	FIX	38385BS35	December 2040
ML	65,833,340	2.00	SEQ	FIX	38385BS43	January 2055
Security Group 9						
BF	50,000,000	(5)	PT	FLT	38385BS50	January 2055
BS	50,000,000	(5)	NTL(PT)	INV/IO	38385BS68	January 2055
Security Group 10						
AF(1)	40,532,251	(5)	PT	FLT	38385BS76	January 2055
AS	40,532,251	(5)	NTL(PT)	INV/IO	38385BS84	January 2055
AX(1)	23,907,442	3.50	SEQ/AD	FIX	38385BS92	July 2047
EF(1)	70,036,990	(5)	PT	FLT	38385BT26	January 2055
EX(1)	41,545,132	3.50	SEQ/AD	FIX	38385BT34	September 2047
FJ(1)	47,835,672	(5)	PT	FLT	38385BT42	January 2055
FK(1)	46,150,976	(5)	PT	FLT	38385BT59	January 2055
HF(1)	27,259,840	(5)	PT	FLT	38385BT67	January 2055
HS	27,259,840	(5)	NTL(PT)	INV/IO	38385BT75	January 2055
HX(1)	16,058,663	3.50	SEQ/AD	FIX	38385BT83	June 2047
JX(1)	29,549,600	3.50	SEQ/AD	FIX	38385BT91	October 2048
KX(1)	27,425,086	3.50	SEQ/AD	FIX	38385BU24	September 2047
SE(1)	70,036,990	(5)	NTL(PT)	INV/IO	38385BU32	January 2055
SJ(1)	47,835,672	(5)	NTL(PT)	INV/IO	38385BU40	January 2055
SK(1)	46,150,976	(5)	NTL(PT)	INV/IO	38385BU57	January 2055
ZA(1)	6,491,747	3.50	SEQ	FIX/Z	38385BU65	January 2055
ZE(1)	10,982,611	3.50	SEQ	FIX/Z	38385BU73	January 2055
ZH(1)	4,386,218	3.50	SEQ	FIX/Z	38385BU81	January 2055
ZJ(1)	6,327,154	3.50	SEQ	FIX/Z	38385BU99	January 2055
ZK(1)	7,188,146	3.50	SEQ	FIX/Z	38385BV23	January 2055
Security Group 11						
DF	50,000,000	(5)	TAC/AD	FLT(6)	38385BV31	December 2053
DS(1)	59,573,455	(5)	NTL(PT)	INV/IO	38385BV49	December 2053
GF(1)	44,680,090	(5)	PT	FLT	38385BV56	December 2053
GS(1)	44,680,090	(5)	NTL(PT)	INV/IO	38385BV64	December 2053
ZD(1)	9,573,455	(5)	SUP	FLT/Z(6)	38385BV72	December 2053

(Cover continued on next page)

J.P. Morgan

Mischler Financial Group, Inc.

The date of this Offering Circular Supplement is January 24, 2025.

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 12						
BA	\$ 48,187,150	6.00%	SEQ/AD	FIX	38385BV80	October 2051
ZB	2,502,792	6.00	SEQ	FIX/Z	38385BV98	October 2054
Security Group 13						
JL	15,713,692	6.50	NTL(PAC/AD)	FIX/IO	38385BW22	August 2054
JL	2,139,000	5.50	PAC/AD	FIX	38385BW30	August 2054
JP	100,000,000	5.50	PAC/AD	FIX	38385BW48	August 2054
JZ	15,187,186	6.50	SUP	FIX/Z	38385BW55	August 2054
Security Group 14						
CH(1)	23,052,000	5.50	SUP	FIX	38385BW63	November 2051
FH	40,000,000	(5)	PT	FLT	38385BW71	January 2055
HP(1)	68,308,000	5.50	PAC	FIX	38385BW89	November 2051
HV(1)	12,878,522	5.50	AD/SEQ	FIX	38385BW97	December 2035
HZ(1)	15,761,478	5.50	SEQ	FIX/Z	38385BX21	January 2055
SH	40,000,000	(5)	NTL(PT)	INV/IO	38385BX39	January 2055
Security Group 15						
FQ	200,000,000	(5)	PT	FLT	38385BX47	January 2055
Q	64,979,586	5.50	SEQ/AD	FIX	38385BX54	September 2053
QZ	1,687,081	5.50	SEQ	FIX/Z	38385BX62	January 2055
SQ	200,000,000	(5)	NTL(PT)	INV/IO	38385BX70	January 2055
Security Group 16						
EA(1)	83,317,028	4.50	SEQ/AD	FIX	38385BX88	September 2040
EZ(1)	33,772,101	4.50	SEQ	FIX/Z	38385BX96	May 2064
ZY(1)	26,144,702	4.50	SEQ/AD	FIX/Z	38385BY20	October 2048
Security Group 17						
TZ(1)	16,741,256	2.00	SEQ/AD	FIX/Z	38385BY38	August 2052
WA(1)	64,908,411	2.00	SEQ/AD	FIX	38385BY46	April 2048
WF(1)	86,902,701	(5)	PT	FLT	38385BY53	August 2052
WS(1)	86,902,701	(5)	NTL(PT)	INV/IO	38385BY61	August 2052
ZW(1)	5,253,035	2.00	SEQ	FIX/Z	38385BY79	August 2052
Residual						
R16	0	0.00	NPR	NPR	38385BY87	May 2064
RR	0	0.00	NPR	NPR	38385BY95	December 2064

- (1) These Securities may be exchanged for MX Securities described in Schedule I to this Supplement.
- (2) Subject to increase as described under "Increase in Size" in this Supplement. The amount shown for each Notional Class (indicated by "NTL" under Principal Type) is its original Class Notional Balance and does not represent principal that will be paid.
- (3) As defined under "Class Types" in Appendix I to the Base Offering Circular. The Class Notional Balance of each Notional Class will be reduced as shown under "Terms Sheet — Notional Classes" in this Supplement.
- (4) See "Yield, Maturity and Prepayment Considerations — Final Distribution Date" in this Supplement.
- (5) See "Terms Sheet — Interest Rates" in this Supplement.
- (6) For additional discussion regarding the effect of 30-day Average SOFR on the rate of principal payments on these Securities, see "Risk Factors — The rate of principal payments on certain Group 3, 5 and 11 classes will be sensitive to 30-day Average SOFR," "Yield Maturity and Prepayment Considerations — Securities that Receive Principal on the Basis of Schedules" and "Decrement Tables" 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”) and
- the Base Offering Circular.

The Base Offering Circular is available on Ginnie Mae’s website located at <http://www.ginniemae.gov> (“ginniemae.gov”).

If you do not have access to the internet, call BNY Mellon, which will act as information agent for the Trust, at (800) 234-GNMA, to order copies of the Base Offering Circular.

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

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TERMS SHEET

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

Sponsor: J.P. Morgan Securities LLC

Co-Sponsor: Mischler Financial Group, Inc.

Trustee: U.S. Bank National Association

Tax Administrator: The Trustee

Closing Date: January 30, 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 in February 2025.

Trust Assets:

<u>Trust Asset Group or Subgroup⁽¹⁾</u>	<u>Trust Asset Type</u>	<u>Certificate Rate</u>	<u>Original Term To Maturity (in years)</u>
1	Ginnie Mae II	7.000%	30
2	Ginnie Mae II	6.000%	30
3	Ginnie Mae II	7.000%	30
4	Ginnie Mae II	5.500%	30
5	Ginnie Mae II	6.500%	40
6	Ginnie Mae II	6.500%	30
7	Ginnie Mae II	6.000%	30
8	Ginnie Mae II	2.000%	30
9	Ginnie Mae II	6.500%	30
10A	Ginnie Mae II	5.500%	30
10B	Ginnie Mae II	5.500%	30
10C	Ginnie Mae II	5.500%	30
10D	Ginnie Mae II	5.500%	30
10E	Ginnie Mae II	5.500%	30
11	Ginnie Mae II	7.000%	30
12	Ginnie Mae II	6.000%	30
13	Ginnie Mae II	6.500%	30
14	Ginnie Mae II	6.000%	30
15	Ginnie Mae II	7.000%	30
16	Ginnie Mae II	4.500%	40
17	Ginnie Mae II	4.500%	30

⁽¹⁾ The Group 10 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. Except in the case of certain MX Classes in Groups 3 and 11, 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, 3, 4, 6, 7, 8, 9, 10 and 15 Trust Assets⁽¹⁾:

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
Group 1 Trust Assets			
\$20,000,000	344	13	7.545%
Group 3 Trust Assets			
125,000,000	344	13	7.545%
Group 4 Trust Assets			
47,431,560	358	2	5.949%
Group 6 Trust Assets			
40,000,000	356	4	6.971%
Group 7 Trust Assets			
259,349,124	357	1	6.610%
Group 8 Trust Assets			
109,722,234 ⁽³⁾	315	41	2.418%
Group 9 Trust Assets			
50,000,000	356	2	7.007%
Subgroup 10A Trust Assets			
70,931,440	354	4	6.127%
Subgroup 10B Trust Assets			
83,712,426	338	16	6.092%
Subgroup 10C Trust Assets			
80,764,208	350	5	6.121%
Subgroup 10D Trust Assets			
122,564,733	352	5	6.135%
Subgroup 10E Trust Assets			
47,704,721	357	3	6.023%
Group 15 Trust Assets			
266,666,667	344	13	7.542%

⁽¹⁾ As of January 1, 2025.

⁽²⁾ The Mortgage Loans underlying the Group 1, 3, 4, 6, 7, 8, 9, 10 and 15 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

⁽³⁾ More than 10% of the Mortgage Loans underlying the Group 8 Trust Assets may be higher balance Mortgage Loans. See “Risk Factors” in this Supplement.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 1, 3, 4, 6, 7, 8, 9, 10 and 15 Trust Assets will differ from the weighted averages shown above, perhaps significantly. See *“The Trust Assets — The Mortgage Loans” in this Supplement.*

Characteristics of the Mortgage Loans Underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets: See Exhibit A to this Supplement for certain information regarding the characteristics of the Mortgage Loans underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets. The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets will differ from the weighted averages shown in Exhibit A, perhaps significantly. See *“The Trust Assets — The Mortgage Loans” in this Supplement.*

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

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

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

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

The Floating Rate, Inverse Floating Rate and Toggle 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						
QF	30-day Average SOFR + 0.95%	5.54556000%	0.950%	7.000%	0	0.00%
QS	6.05% – 30-day Average SOFR	1.45444000%	0.000%	6.050%	0	6.05%
Security Group 2						
FB	30-day Average SOFR + 1.05%	5.56928000%	1.050%	7.000%	0	0.00%
SB	5.95% – 30-day Average SOFR	1.43072000%	0.000%	5.950%	0	5.95%
UF	30-day Average SOFR + 0.95%	5.46928000%	0.950%	7.000%	0	0.00%
US	6.05% – 30-day Average SOFR	1.53072000%	0.000%	6.050%	0	6.05%
Security Group 3						
KF	30-day Average SOFR + 1.05%	5.53280000%	1.050%	6.250%	0	0.00%
MF	30-day Average SOFR + 0.88%	5.36280000%	0.880%	7.500%	0	0.00%
MS	6.62% – 30-day Average SOFR	2.13720000%	0.000%	6.620%	0	6.62%
SI	5.20% – 30-day Average SOFR	0.71720000%	0.000%	5.200%	0	5.20%
ZF	30-day Average SOFR + 1.05%	5.53280000%	1.050%	6.250%	0	0.00%
Security Group 5						
FZ	30-day Average SOFR + 1.05%	5.53280000%	1.050%	6.500%	0	0.00%
SY	5.45% – 30-day Average SOFR	0.96720000%	0.000%	5.450%	0	5.45%
TF	30-day Average SOFR + 1.05%	5.53280000%	1.050%	6.500%	0	0.00%

<u>Class</u>	<u>Interest Rate Formula(1)</u>	<u>Initial Interest Rate(2)</u>	<u>Minimum Rate</u>	<u>Maximum Rate</u>	<u>Delay (in days)</u>	<u>30-day Average SOFR for Minimum Interest Rate</u>
Security Group 6						
YF	30-day Average SOFR + 1.25%	5.71074000%	1.250%	6.500%	0	0.00%
YS	5.25% – 30-day Average SOFR	0.78926000%	0.000%	5.250%	0	5.25%
Security Group 7						
FG	30-day Average SOFR + 1.250%	5.71074000%	1.250%	6.500%	0	0.00%
FM	30-day Average SOFR + 0.900%	5.36074000%	0.900%	7.500%	0	0.00%
FN	30-day Average SOFR + 1.350%	5.81074000%	1.350%	6.500%	0	0.00%
MG	If 30-day Average SOFR ≤ 5.25%: 30-day Average SOFR + 3.525% If 30-day Average SOFR > 5.25%: 42.9% – (30-day Average SOFR × 6.5)	7.98574000%	3.525%	8.775%	0	0.00%
SG	5.250% – 30-day Average SOFR	0.78926000%	0.000%	5.250%	0	5.25%
SN	5.150% – 30-day Average SOFR	0.68926000%	0.000%	5.150%	0	5.15%
Security Group 9						
BF	30-day Average SOFR + 1.25%	5.69937000%	1.250%	6.500%	0	0.00%
BS	5.25% – 30-day Average SOFR	0.80063000%	0.000%	5.250%	0	5.25%
Security Group 10						
AF	30-day Average SOFR + 1.04%	5.50074000%	1.040%	7.000%	0	0.00%
AS	5.96% – 30-day Average SOFR	1.49926000%	0.000%	5.960%	0	5.96%
EF	30-day Average SOFR + 1.04%	5.50074000%	1.040%	7.000%	0	0.00%
F	30-day Average SOFR + 1.04%	5.50074000%	1.040%	7.000%	0	0.00%
FJ	30-day Average SOFR + 1.04%	5.50074000%	1.040%	7.000%	0	0.00%
FK	30-day Average SOFR + 1.04%	5.50074000%	1.040%	7.000%	0	0.00%
HF	30-day Average SOFR + 1.04%	5.50074000%	1.040%	7.000%	0	0.00%
HS	5.96% – 30-day Average SOFR	1.49926000%	0.000%	5.960%	0	5.96%
SE	5.96% – 30-day Average SOFR	1.49926000%	0.000%	5.960%	0	5.96%
SJ	5.96% – 30-day Average SOFR	1.49926000%	0.000%	5.960%	0	5.96%
SK	5.96% – 30-day Average SOFR	1.49926000%	0.000%	5.960%	0	5.96%
SL	5.96% – 30-day Average SOFR	1.49926000%	0.000%	5.960%	0	5.96%
Security Group 11						
DF	30-day Average SOFR + 1.05%	5.48799000%	1.050%	6.250%	0	0.00%
DS	5.20% – 30-day Average SOFR	0.76201000%	0.000%	5.200%	0	5.20%
GF	30-day Average SOFR + 0.90%	5.33799000%	0.900%	8.000%	0	0.00%
GS	7.10% – 30-day Average SOFR	2.66201000%	0.000%	7.100%	0	7.10%
JF	30-day Average SOFR + 0.85%	5.28799000%	0.850%	8.000%	0	0.00%
JS	7.15% – 30-day Average SOFR	2.71201000%	0.000%	7.150%	0	7.15%
ZD	30-day Average SOFR + 1.05%	5.48799000%	1.050%	6.250%	0	0.00%
Security Groups 3 and 11						
ST	5.20% – 30-day Average SOFR	0.74156252%	0.000%	5.200%	0	5.20%
ZX	30-day Average SOFR + 1.05%	5.50810793%	1.050%	6.250%	0	0.00%
Security Group 14						
FH	30-day Average SOFR + 0.9%	5.36074000%	0.900%	7.500%	0	0.00%
SH	6.6% – 30-day Average SOFR	2.13926000%	0.000%	6.600%	0	6.60%
Security Group 15						
FQ	30-day Average SOFR + 0.9%	5.29619000%	0.900%	7.500%	0	0.00%
SQ	6.6% – 30-day Average SOFR	2.20381000%	0.000%	6.600%	0	6.60%
Security Group 17						
FW	30-day Average SOFR + 1.0%	5.39619000%	1.000%	7.000%	0	0.00%
SW	6.0% – 30-day Average SOFR	1.60381000%	0.000%	6.000%	0	6.00%
WF	30-day Average SOFR + 1.1%	5.49619000%	1.100%	7.000%	0	0.00%
WS	5.9% – 30-day Average SOFR	1.50381000%	0.000%	5.900%	0	5.90%

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- (1) 30-day Average SOFR will be established as described under “Description of the Securities — Interest Distributions — Floating Rate, Inverse Floating Rate and Toggle Classes” in this Supplement.
 - (2) The initial Interest Rate will be in effect during the first Accrual Period; the Interest Rate will adjust monthly thereafter.

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

SECURITY GROUP 1

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

SECURITY GROUP 2

The Group 2 Principal Distribution Amount and the BZ Accrual Amount will be allocated as follows:

- The BZ Accrual Amount, sequentially, to BV and BZ, in that order, until retired
- The Group 2 Principal Distribution Amount, concurrently, as follows:
 1. 33.3333333333% to FB, until retired
 2. 66.6666666667% in the following order of priority:
 - a. To BP, until reduced to its Scheduled Principal Balance for that Distribution Date
 - b. To BC, until retired
 - c. To BP, without regard to its Scheduled Principal Balance, until retired
 - d. Sequentially, to BV and BZ, in that order, until retired

SECURITY GROUP 3

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

- The ZF Accrual Amount in the following order of priority:
 1. To KF, until reduced to its Scheduled Principal Balance for that Distribution Date
 2. To ZF, until retired
- The Group 3 Principal Distribution Amount, concurrently, as follows:
 1. 60% to MF, until retired
 2. 40% in the following order of priority:
 - a. To KF, until reduced to its Scheduled Principal Balance for that Distribution Date
 - b. To ZF, until retired
 - c. To KF, without regard to its Scheduled Principal Balance, until retired

SECURITY GROUP 4

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

SECURITY GROUP 5

The Group 5 Principal Distribution Amount and the FZ Accrual Amount will be allocated in the following order of priority:

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

SECURITY GROUP 6

The Group 6 Principal Distribution Amount will be allocated to YF, until retired

SECURITY GROUP 7

The Group 7 Principal Distribution Amount and the PZ Accrual Amount will be allocated in the following order of priority:

- The PZ Accrual Amount, sequentially, to PV and PZ, in that order, until retired
- The Group 7 Principal Distribution Amount, concurrently, as follows:
 1. 50% to FG, until retired
 2. 50% in the following order of priority:
 - a. Sequentially, to P, PV and PZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
 - b. Concurrently, to CA, CK and CL, pro rata, until retired
 - c. Sequentially, to P, PV and PZ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 8

The Group 8 Principal Distribution Amount, sequentially, to M and ML, in that order, until retired

SECURITY GROUP 9

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

SECURITY GROUP 10

The Subgroup 10A Principal Distribution Amount, the Subgroup 10B Principal Distribution Amount, the Subgroup 10C Principal Distribution Amount, the Subgroup 10D Principal Distribution Amount, the Subgroup 10E Principal Distribution Amount, the ZA Accrual Amount, the ZE Accrual Amount, the ZH Accrual Amount, the ZJ Accrual Amount and the ZK Accrual Amount will be allocated as follows:

- The ZA Accrual Amount, sequentially, to AX and ZA, in that order, until retired

- The ZJ Accrual Amount, sequentially, to JX and ZJ, in that order, until retired
- The ZK Accrual Amount, sequentially, to KX and ZK, in that order, until retired
- The ZE Accrual Amount, sequentially, to EX and ZE, in that order, until retired
- The ZH Accrual Amount, sequentially, to HX and ZH, in that order, until retired
- The Subgroup 10A Principal Distribution Amount, concurrently, as follows:
 1. 42.8571434613%, sequentially, to AX and ZA, in that order, until retired
 2. 57.1428565387% to AF, until retired
- The Subgroup 10B Principal Distribution Amount, concurrently, as follows:
 1. 42.8571428571%, sequentially, to JX and ZJ, in that order, until retired
 2. 57.1428571429%, to FJ, until retired
- The Subgroup 10C Principal Distribution Amount, concurrently, as follows:
 1. 42.8571428571%, sequentially, to KX and ZK, in that order, until retired
 2. 57.1428571429% to FK, until retired
- The Subgroup 10D Principal Distribution Amount, concurrently, as follows:
 1. 42.8571430903%, sequentially, to EX and ZE, in that order, until retired
 2. 57.1428569097% to EF, until retired
- The Subgroup 10E Principal Distribution Amount, concurrently, as follows:
 1. 42.8571440550%, sequentially, to HX and ZH, in that order, until retired
 2. 57.1428559450% to HF, until retired

SECURITY GROUP 11

The Group 11 Principal Distribution Amount and the ZD Accrual Amount will be allocated as follows:

- The ZD Accrual Amount in the following order of priority:
 1. To DF, until reduced to its Scheduled Principal Balance for that Distribution Date
 2. To ZD, until retired
- The Group 11 Principal Distribution Amount, concurrently, as follows:
 1. 42.8571421720% to GF, until retired
 2. 57.1428578280% in the following order of priority:
 - a. To DF, until reduced to its Scheduled Principal Balance for that Distribution Date
 - b. To ZD, until retired
 - c. To DF, without regard to its Scheduled Principal Balance, until retired

SECURITY GROUP 12

The Group 12 Principal Distribution Amount and the ZB Accrual Amount will be allocated, sequentially, to BA and ZB, in that order, until retired

SECURITY GROUP 13

The Group 13 Principal Distribution Amount and the JZ Accrual Amount will be allocated in the following order of priority:

1. Sequentially, to JP and JL, in that order, until reduced to their Aggregate Scheduled Principal Balance
2. To JZ, until retired
3. Sequentially, to JP and JL, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 14

The Group 14 Principal Distribution Amount and the HZ Accrual Amount will be allocated as follows:

- The HZ Accrual Amount, sequentially, to HV and HZ, in that order, until retired
- The Group 14 Principal Distribution Amount, concurrently, as follows:
 1. 25% to FH, until retired
 2. 75% in the following order of priority:
 - a. To HP, until reduced to its Scheduled Principal Balance for that Distribution Date
 - b. To CH, until retired
 - c. To HP, without regard to its Scheduled Principal Balance, until retired
 - d. Sequentially, to HV and HZ, in that order, until retired

SECURITY GROUP 15

The Group 15 Principal Distribution Amount and the QZ Accrual Amount will be allocated as follows:

- The QZ Accrual Amount, sequentially, to Q and QZ, in that order, until retired
- The Group 15 Principal Distribution Amount, concurrently, as follows:
 1. 74.9999999063% to FQ, until retired
 2. 25.0000000937%, sequentially, to Q and QZ, in that order, until retired

SECURITY GROUP 16

The Group 16 Principal Distribution Amount, the EZ Accrual Amount and the ZY Accrual Amount will be allocated, sequentially, to EA, ZY and EZ, in that order, until retired

SECURITY GROUP 17

The Group 17 Principal Distribution Amount, the TZ Accrual Amount and the ZW Accrual Amount will be allocated as follows:

- The TZ Accrual Amount, sequentially, to WA and TZ, in that order, until retired

- The ZW Accrual Amount, sequentially, to WA, TZ and ZW, in that order, until retired
- The Group 17 Principal Distribution Amount, concurrently, as follows:
 1. 49.9999997123% to WF, until retired
 2. 50.0000002877%, sequentially, to WA, TZ and ZW, in that order, until retired

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

<u>Security Group</u>		<u>Structuring Ranges or Rates</u>
PAC Classes		
2	BP	125% PSA through 225% PSA
7	P, PV and PZ (in the aggregate)	140% PSA through 200% PSA
13	JL and JP (in the aggregate)	175% PSA through 300% PSA
14	HP	125% PSA through 225% PSA
TAC Classes		
3	KF*	396% PSA
5	TF*	423% PSA
11	DF	391% PSA

* No initial Effective Rate.

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

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

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
Security Group 1		
QS	\$ 20,000,000	100% of QF (PT Class)
Security Group 2		
BI	\$ 22,378,333	33.3333333333% of BP (PAC Class)
SB	50,000,000	100% of FB (PT Class)
US	50,000,000	100% of FB (PT Class)
Security Group 3		
MS	\$ 75,000,000	100% of MF (PT Class)
SI	50,000,000	40% of the Group 3 Trust Assets
Security Group 5		
SY	\$ 65,611,104	100% of the Group 5 Trust Assets
Security Group 6		
YS	\$ 40,000,000	100% of YF (PT Class)

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
Security Group 7		
SG	\$129,674,562	100% of FG (PT Class)
SN	129,674,562	100% of FG (PT Class)
Security Group 9		
BS	\$ 50,000,000	100% of BF (PT Class)
Security Group 10		
AS	\$ 40,532,251	100% of AF (PT Class)
HS	27,259,840	100% of HF (PT Class)
SE	70,036,990	100% of EF (PT Class)
SJ	47,835,672	100% of FJ (PT Class)
SK	46,150,976	100% of FK (PT Class)
SL	164,023,638	100% of EF, FJ and FK (in the aggregate) (PT Classes)
Security Group 11		
DS	\$ 59,573,455	57.1428578280% of the Group 11 Trust Assets
GS	44,680,090	100% of GF (PT Class)
JS	44,680,090	100% of GF (PT Class)
Security Groups 3 and 11		
ST	\$ 50,000,000	40% of the Group 3 Trust Assets
	<u>59,573,455</u>	57.1428578280% of the Group 11 Trust Assets
	<u>\$109,573,455</u>	
Security Group 13		
JL	\$ 15,713,692	15.3846153846% of JL and JP (in the aggregate) (PAC/AD Classes)
Security Group 14		
HI	\$ 22,769,333	33.3333333333% of HP (PAC Class)
SH	40,000,000	100% of FH (PT Class)
Security Group 15		
SQ	\$200,000,000	100% of FQ (PT Class)
Security Group 17		
SW	\$ 86,902,701	100% of WF (PT Class)
WS	86,902,701	100% of WF (PT Class)

Tax Status: Single REMIC Series as to the following Group of Trust Assets and related Trust REMIC:

<u>Trust Assets</u>	<u>Trust REMIC</u>
Group 16 Trust Assets	Group 16 REMIC

Double REMIC Series as to each of the following Groups of Trust Assets and related Trust REMICs:

<u>Trust Assets</u>	<u>Trust REMIC</u>
Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Trust Assets	Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Pooling REMIC and Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Issuing REMIC

Separate REMIC elections will be made as to each of the Trust REMICs identified above. See “*Certain United States Federal Income Tax Consequences*” in this Supplement and in the Base Offering Circular.

Regular and Residual Classes: Classes RR and R16 are Residual Classes and represent the Residual Interest of the related Trust REMIC or Trust REMICs, as applicable, as described under “*Certain United States Federal Income Taxes — Residual Securities*” in this Supplement. All other Classes of REMIC Securities are Regular Classes.

RISK FACTORS

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

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

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

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

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

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

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

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

- you bought your securities at a discount and principal payments are slower than you expected.

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

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

The rate of principal payments on certain group 3, 5 and 11 securities will be sensitive to 30-day Average SOFR. The rate of principal payments on the group 3, 5 and 11 accrual classes that are also floating rate classes, and the rate of principal payments on their related accretion directed classes, will depend in part on the rate at which interest accrues on such accrual classes, which in turn will depend on the level of 30-day Average SOFR. In particular, during periods when the level of 30-day Average SOFR is lower than expected, the principal balance of

such accrual and accretion directed classes will be paid more slowly than would otherwise be the case, and their weighted average lives may be extended, perhaps significantly.

The levels of 30-day Average SOFR will affect the yields on the floating rate, inverse floating rate and, under certain circumstances, toggle securities. If 30-day Average SOFR performs differently from what you expect, the yield on the floating rate, inverse floating rate and, under certain circumstances, toggle securities may be lower than you expect. Lower levels of such index will generally reduce the yield on the floating rate and, under certain circumstances, toggle securities; higher levels of such index will generally reduce the yield on the inverse floating rate and, under certain circumstances, toggle 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 and TAC classes, the related support 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 and TAC classes for that distribution date, this excess will be distributed to the related support classes.

Up to 10% of the mortgage loans underlying the group 1, 2, 3, 4, 5, 6, 7, 9, 10, 11, 12, 13, 14, 15 and 16 trust assets and up to 100% of the mortgage loans underlying the group 8 and 17 trust assets may be higher balance mortgage loans. Subject to special pooling parameters set forth in the Ginnie Mae Mortgage-Backed Securities Guide, qualifying federally-insured or guaranteed mortgage loans that exceed certain balance thresholds established by Ginnie Mae (“higher balance mortgage loans”) may be included in Ginnie Mae guaranteed pools. There are no historical performance data regarding the prepayment rates for higher balance mortgage loans. If the higher balance mortgage loans prepay faster or slower than expected, the weighted average lives and yields of the related securities are likely to be affected, perhaps significantly. Furthermore, higher balance mortgage loans tend to be concentrated in certain geographic areas, which may experience relatively higher rates of defaults in the event of adverse economic conditions. No assurances can be given about the prepayment experience or performance of the higher balance mortgage loans.

An investment in the floating rate, inverse floating rate and toggle 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, Inverse Floating Rate and Toggle Classes” in this supplement, the return on and value of the floating rate, inverse floating rate and toggle 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, inverse floating rate and toggle 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, inverse floating rate and toggle securities and the suitability of investing in the floating rate, inverse floating rate and toggle securities in light of your particular circumstances.

Interest on the floating rate, inverse floating rate and toggle 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, inverse floating rate and

toggle 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, inverse floating rate and toggle securities.

If 30-day Average SOFR is no longer published or cannot be used, the amount of interest payable on the floating rate, inverse floating rate and toggle 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, inverse floating rate and toggle securities, which could adversely affect the return on, value of, and market for, the floating rate, inverse floating rate and toggle securities. Fur-

thermore, 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, in particular, the support, interest only, toggle, 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 will evidence, directly or indirectly, Ginnie Mae Certificates.

The Trust MBS

The Trust Assets are either:

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

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

The Mortgage Loans

The Mortgage Loans underlying the Group 1, 3, 4, 6, 7, 8, 9, 10 and 15 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, 3, 4, 6, 7, 8, 9, 10 and 15 Trust Assets” and the general characteristics described in the Base Offering Circular. The Mortgage Loans underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A to this Supplement under “Characteristics of the Mortgage Loans Underlying the Group 2, 5, 11 through 14, 16 and 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:

<u>Class</u>	<u>Accrual Period</u>
Fixed Rate Classes	The calendar month preceding the related Distribution Date
Floating Rate, Inverse Floating Rate and Toggle 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, Inverse Floating Rate and Toggle Classes

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

The Interest Rate for the Floating Rate, Inverse Floating Rate and Toggle 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 BZ, EZ, FZ, HZ, JZ, NZ, PZ, QZ, TZ, ZA, ZB, ZD, ZE, ZF, ZH, ZJ, ZK, ZW and ZY 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 related Trust REMIC or Trust REMICs, as applicable, 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 related Trust REMIC or Trust REMICs, as applicable, after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities in the related Security Group or Groups has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

Class Factors

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

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

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

<u>Trust REMICs</u>	<u>Related Securities</u>
Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Issuing and Pooling REMICs	Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Securities
Group 16 REMIC	Group 16 Securities

Upon any termination of the Trust (or one or more related Trust REMICs), the Holder of any related outstanding Security (other than a Residual or Notional Class Security) will be entitled to receive that Holder’s allocable share of the Class Principal Balance of that Class plus any accrued and unpaid interest

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

With respect to Security Group 16, a Holder of all of the outstanding Regular Securities of any such Security Group and the related Class of Residual Securities will have the right to purchase the related Trust Assets upon three Business Days' notice (the "Notice Period"). The purchase will be for cash in an amount equal to (A)(i) the aggregate remaining principal balance of the assets of such Security Group, but in no event less than the aggregate outstanding principal amount of the Securities of such Security Group, plus (ii) accrued interest on the Securities of such Security Group, less (B) amounts on deposit in the related Trust REMIC, for distribution on the Securities of such Security Group, plus (C) a \$5,000 termination fee payable to the Trustee in connection with each Security Group to be terminated. After the Notice Period, and upon such purchase, the Trustee will terminate the related Trust REMIC. Upon such termination, the Trustee will distribute the cash proceeds of the sale of the related Trust Assets to the Holder of the related Securities (which distribution may be offset against amounts due on the sale of such assets), will cancel the Securities of the related Security Group and cause the removal from the Book-Entry Depository Account of all Classes of the related Security Group, will cancel the related Class of Residual Securities, and will credit the remaining Trust Assets in the related Security Group to the account of the surrendering Holder. Notwithstanding anything to the contrary contained herein, no such termination will be allowed unless the Trustee and Ginnie Mae are provided, at no cost to either the Trustee or Ginnie Mae, an Opinion of Counsel, acceptable to the Trustee and Ginnie Mae, to the effect that such termination constitutes a "qualified liquidation" under the REMIC Provisions, including Section 860F(a)(4) of the Code, and such termination will not result in a disqualification of any Trust REMIC that is not terminated at such time or the imposition of any "prohibited transactions" or "contributions" tax under the REMIC Provisions on any Trust REMIC that is not terminated at such time.

Modification and Exchange

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 3 and 17, 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 and 17, 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 or notional balances of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee by email to USBGNMATEam@USBank.com or in writing at its Corporate Trust Office at U.S. Bank National Association, One Federal Street, 3rd Floor, Boston, MA 02110, Attention: Ginnie Mae REMIC Program Agency Group 2025-002. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

A fee will be payable to the Trustee in connection with each exchange equal to $\frac{1}{32}$ of 1% of the outstanding principal balance (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*.

In addition, changes in 30-day Average SOFR will affect the rate of principal payments on Classes DF, FZ, KF, TF, ZD and ZF. Investors in these Securities are urged to review the discussion under *“Risk Factors — The rate of principal payments on certain group 3, 5 and 11 classes will be sensitive to 30-day Average SOFR,” “Yield, Maturity and Prepayment Considerations — Securities that Receive Principal on the Basis of Schedules” and “— Decrement Tables”* in this Supplement.

Accretion Directed Classes

Classes AX, BA, BV, DF, EA, EX, HV, HX, JL, JP, JX, KF, KX, NB, PV, Q, TF, TZ, WA and ZY are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement. Class JI is a Notional Class whose Class Notional Balance is determined by reference to the Class Principal Balance of the related Accretion Directed Classes shown under *“Terms Sheet — Notional Classes”* in this Supplement.

Each of the Accretion Directed Classes (other than Classes BV, HV and PV) 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 BV, HV and PV will have principal payment stability only through the prepayment rate shown in the table below and within their Effective Range, if applicable. 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 Ranges.

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 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 BV, HV and PV, will be reduced, and may be reduced significantly, 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	Maximum Weighted Average Life (in years) ⁽¹⁾	Final Distribution Date	Prepayment Rate at or below
2	BV	6.0	December 2035	283% PSA
7	PV	6.0	December 2035	312% PSA
14	HV	6.0	December 2035	201% PSA

⁽¹⁾ 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 any Accretion Directed Class, 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 and TAC Class will receive principal payments in accordance with a schedule calculated on the basis of, among other things, a Structuring Range or Rate. See “*Terms Sheet — Scheduled Principal Balances.*” However, whether any such Class will adhere to its schedule and receive “Scheduled Payments” on a Distribution Date will largely depend on the level of prepayments experienced by the related Mortgage Loans and, in the case of Classes DF, KF and TF, on the level of 30-day Average SOFR for each accrual period.

Each PAC and TAC Class (other than Classes KF and TF) exhibits an Effective Range or Rate of constant prepayment rates at which such Class will receive Scheduled Payments. That range or rate may differ from the Structuring Range or Rate used to create the related principal balance schedule. Based on the Modeling Assumptions, the *initial* Effective Ranges or Rates for the PAC and TAC Classes are as follows:

Security Group	Initial Effective Ranges or Rate
PAC Classes	
2	BP 125% PSA through 225% PSA
7	P, PV and PZ (in the aggregate) 140% PSA through 200% PSA
13	JL and JP (in the aggregate) 175% PSA through 300% PSA
14	HP 125% PSA through 225% PSA
TAC Classes	
3	KF None
5	TF None
11	DF 391% PSA

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

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

There is no assurance that the related Mortgage Loans will have the characteristics assumed in the Modeling Assumptions, which were used to determine the initial Effective Ranges or Rates. If the initial Effective Ranges or Rates were calculated using the actual characteristics of the related Mortgage Loans, the initial Effective Ranges or Rates could differ from those shown in the above table, or an initial Effective Rate might not exist. Therefore, even if the Mortgage Loans were to prepay at a constant rate within the initial Effective Range or at the initial Effective Rate shown for any Class in the above table, that Class could fail to receive Scheduled Payments.

It is not likely that 30-day Average SOFR will remain at the constant level set forth in the modeling assumption for Classes FZ, ZD and ZF, which was used to determine the Initial Effective Rate, if any, for Classes DF, KF and TF. If 30-day Average SOFR decreases significantly below that level, the Effective Rate for Classes DF, KF and TF may change or cease to exist and its Weighted Average Life may be extended, perhaps significantly.

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

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

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

Assumability

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

Final Distribution Date

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

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

Modeling Assumptions

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

1. The Mortgage Loans underlying the Group 1, 3, 4, 6, 7, 8, 9, 10 and 15 Trust Assets have the assumed characteristics shown under “Assumed Characteristics of the Mortgage Loans Underlying the Group 1, 3, 4, 6, 7, 8, 9, 10 and 15 Trust Assets” in the Terms Sheet and the Mortgage Loans underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets have the characteristics shown under “Characteristics of the Mortgage Loans Underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets” in Exhibit A, except in the case of information set forth under the 0% PSA Prepayment Assumption Rate, for which each Mortgage Loan underlying a Group 1, 3, 4, 6, 7, 8, 9, 10 or 15 Trust Asset is assumed to have an original and a remaining term to maturity of 360 months and a Mortgage Rate of 1.50% per annum higher than the related Certificate Rate.

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

3. Distributions on the Securities are always received on the 20th day of the month whether or not a Business Day, commencing in February 2025.

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

5. The Closing Date for the Securities is January 30, 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. Each Class is held from the Closing Date and is not exchanged in whole or in part.

8. The Interest Rate applicable to Class FZ for each Accrual Period is based on a constant 30-day Average SOFR level of 4.48280%; the Interest Rate applicable to Class ZD for each Accrual Period is based on a constant 30-day Average SOFR level of 4.43799%; the Interest Rate applicable to Class ZF for each Accrual Period is based on a constant 30-day Average SOFR level of 4.48280%, except in each case with respect to the decrement tables.

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 Mort-

gage 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, and, in the case of Classes DF, FZ, KF, TF, ZD, ZF and ZX, under various assumed constant levels of 30-day Average SOFR. 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. In addition, the Weighted Average Lives of Classes DF, FZ, KF, TF, ZD, ZF and ZX are likely to vary due to differences between actual 30-day Average SOFR and the assumed constant levels of 30-day Average SOFR.

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

Security Group 1 PSA Prepayment Assumption Rates					
Distribution Date	Classes QF and QS				
	0%	200%	431%	700%	900%
Initial Percent	100	100	100	100	100
January 2026	99	91	82	72	64
January 2027	98	80	61	42	30
January 2028	98	69	45	24	14
January 2029	97	60	33	14	6
January 2030	95	52	24	8	3
January 2031	94	45	17	4	1
January 2032	93	39	13	3	1
January 2033	92	34	9	1	0
January 2034	90	29	7	1	0
January 2035	89	25	5	0	0
January 2036	87	21	4	0	0
January 2037	85	18	3	0	0
January 2038	83	16	2	0	0
January 2039	81	13	1	0	0
January 2040	78	11	1	0	0
January 2041	75	9	1	0	0
January 2042	72	8	0	0	0
January 2043	69	7	0	0	0
January 2044	66	5	0	0	0
January 2045	62	4	0	0	0
January 2046	58	4	0	0	0
January 2047	53	3	0	0	0
January 2048	49	2	0	0	0
January 2049	43	2	0	0	0
January 2050	37	1	0	0	0
January 2051	31	1	0	0	0
January 2052	24	0	0	0	0
January 2053	17	0	0	0	0
January 2054	9	0	0	0	0
January 2055	0	0	0	0	0
Weighted Average Life (years)	20.8	7.0	3.6	2.2	1.7

Security Group 2 PSA Prepayment Assumption Rates																				
Distribution Date	Class B					Class BC					Classes BD, BE, BG, BH, BI and BP					Class BV				
	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	99	97	96	95	92	100	100	97	92	79	98	96	96	96	96	93	93	93	93	93
January 2027	97	90	88	84	74	100	100	91	73	28	97	87	87	87	87	86	86	86	86	86
January 2028	96	81	77	70	52	100	100	82	50	0	95	75	75	67	78	78	78	78	78	78
January 2029	94	72	67	57	35	100	100	75	32	0	93	64	64	64	45	70	70	70	70	70
January 2030	93	64	58	46	22	100	100	70	18	0	90	54	54	54	29	61	61	61	61	61
January 2031	91	57	49	37	13	100	100	65	9	0	88	45	45	45	16	52	52	52	52	52
January 2032	89	50	42	29	5	100	100	63	4	0	86	36	36	36	7	43	43	43	43	43
January 2033	87	44	36	22	0	100	100	61	1	0	83	28	28	28	0	33	33	33	33	32
January 2034	84	39	30	16	0	100	100	60	0	0	80	21	21	21	0	22	22	22	22	0
January 2035	82	33	24	11	0	100	99	58	0	0	77	15	15	15	0	11	11	11	11	0
January 2036	80	28	19	7	0	100	96	56	0	0	74	9	9	9	0	0	0	0	0	0
January 2037	77	24	15	3	0	100	92	53	0	0	70	4	4	4	0	0	0	0	0	0
January 2038	74	20	11	0	0	100	88	50	0	0	67	0	0	0	0	0	0	0	0	0
January 2039	71	16	8	0	0	100	72	35	0	0	63	0	0	0	0	0	0	0	0	0
January 2040	68	13	5	0	0	100	56	22	0	0	59	0	0	0	0	0	0	0	0	0
January 2041	64	9	2	0	0	100	42	9	0	0	54	0	0	0	0	0	0	0	0	0
January 2042	61	6	0	0	0	100	29	0	0	0	49	0	0	0	0	0	0	0	0	0
January 2043	57	4	0	0	0	100	16	0	0	0	44	0	0	0	0	0	0	0	0	0
January 2044	52	1	0	0	0	100	5	0	0	0	39	0	0	0	0	0	0	0	0	0
January 2045	48	0	0	0	0	100	0	0	0	0	33	0	0	0	0	0	0	0	0	0
January 2046	43	0	0	0	0	100	0	0	0	0	27	0	0	0	0	0	0	0	0	0
January 2047	38	0	0	0	0	100	0	0	0	0	20	0	0	0	0	0	0	0	0	0
January 2048	32	0	0	0	0	100	0	0	0	0	13	0	0	0	0	0	0	0	0	0
January 2049	26	0	0	0	0	100	0	0	0	0	5	0	0	0	0	0	0	0	0	0
January 2050	20	0	0	0	0	91	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2051	13	0	0	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2052	6	0	0	0	0	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 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)	17.9	8.0	6.8	5.3	3.4	26.3	15.5	10.0	3.3	1.6	15.5	5.9	5.9	5.9	4.0	6.0	6.0	6.0	6.0	5.6

**Security Group 2
PSA Prepayment Assumption Rates**

Distribution Date	Class BZ					Classes FB, SB, UF and US					Class LB				
	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	106	106	106	106	106	99	97	96	96	93	100	100	100	100	100
January 2027	112	112	112	112	112	98	91	89	86	77	100	100	100	100	100
January 2028	118	118	118	118	118	96	83	80	74	59	100	100	100	100	100
January 2029	125	125	125	125	125	95	76	71	63	44	100	100	100	100	100
January 2030	132	132	132	132	132	94	69	63	54	33	100	100	100	100	100
January 2031	139	139	139	139	139	92	63	56	46	25	100	100	100	100	100
January 2032	147	147	147	147	147	90	57	50	39	18	100	100	100	100	100
January 2033	155	155	155	155	155	89	52	44	33	14	100	100	100	100	100
January 2034	164	164	164	164	135	87	47	39	28	10	100	100	100	100	74
January 2035	173	173	173	173	100	85	42	35	23	8	100	100	100	100	55
January 2036	182	182	182	182	74	82	38	30	20	6	100	100	100	100	41
January 2037	182	182	182	182	55	80	34	27	17	4	100	100	100	100	30
January 2038	182	182	182	182	40	78	31	23	14	3	100	100	100	100	22
January 2039	182	182	182	155	30	75	28	20	12	2	100	100	100	85	16
January 2040	182	182	182	129	22	72	24	18	10	2	100	100	100	71	12
January 2041	182	182	182	107	16	69	22	15	8	1	100	100	100	59	9
January 2042	182	182	177	88	11	66	19	13	7	1	100	100	97	48	6
January 2043	182	182	151	72	8	63	17	11	5	1	100	100	83	40	5
January 2044	182	182	129	59	6	59	15	10	4	0	100	100	71	32	3
January 2045	182	168	109	47	4	55	13	8	4	0	100	92	60	26	2
January 2046	182	143	91	38	3	51	11	7	3	0	100	79	50	21	2
January 2047	182	121	75	30	2	46	9	6	2	0	100	67	41	16	1
January 2048	182	100	61	23	1	42	8	5	2	0	100	55	33	13	1
January 2049	182	82	48	18	1	37	6	4	1	0	100	45	27	10	1
January 2050	182	64	37	13	1	31	5	3	1	0	100	35	20	7	0
January 2051	182	48	27	9	0	25	4	2	1	0	100	27	15	5	0
January 2052	182	34	19	6	0	19	3	1	0	0	100	19	10	3	0
January 2053	167	21	11	3	0	13	2	1	0	0	92	11	6	2	0
January 2054	74	8	4	1	0	6	1	0	0	0	41	5	2	1	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	28.8	23.9	21.7	17.9	11.7	19.4	10.2	8.8	7.0	4.5	28.8	23.9	21.7	17.9	11.3

**Security Group 3
PSA Prepayment Assumption Rates**

Distribution Date	Classes MF, MS and SI				
	0%	150%	360%	600%	800%
Initial Percent	100	100	100	100	100
January 2026	99	93	85	76	68
January 2027	98	84	66	49	36
January 2028	98	76	51	31	18
January 2029	97	68	40	19	9
January 2030	95	61	31	12	5
January 2031	94	55	24	8	2
January 2032	93	49	18	5	1
January 2033	92	44	14	3	1
January 2034	90	39	11	2	0
January 2035	89	34	8	1	0
January 2036	87	31	6	1	0
January 2037	85	27	5	0	0
January 2038	83	24	4	0	0
January 2039	81	21	3	0	0
January 2040	78	18	2	0	0
January 2041	75	16	2	0	0
January 2042	72	14	1	0	0
January 2043	69	12	1	0	0
January 2044	66	10	1	0	0
January 2045	62	9	0	0	0
January 2046	58	7	0	0	0
January 2047	53	6	0	0	0
January 2048	49	5	0	0	0
January 2049	43	4	0	0	0
January 2050	37	3	0	0	0
January 2051	31	2	0	0	0
January 2052	24	1	0	0	0
January 2053	17	0	0	0	0
January 2054	9	0	0	0	0
January 2055	0	0	0	0	0
Weighted Average Life (years)	20.8	8.6	4.2	2.6	1.9

**Security Group 3
PSA Prepayment Assumption Rates**

Distribution Date	Class KF 3.48280% 30-day Average SOFR					Class KF 4.48280% 30-day Average SOFR					Class KF 4.84140% 30-day Average SOFR					Class KF 5.20000% and above 30-day Average SOFR				
	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	98	91	81	80	80	98	91	81	80	80	98	91	81	80	80	98	91	81	80	80
January 2027	96	79	58	55	42	96	79	58	55	42	96	79	58	55	42	96	79	58	55	42
January 2028	94	68	40	35	22	94	68	39	35	22	94	68	39	35	22	93	67	39	35	22
January 2029	92	58	25	21	11	91	57	24	21	11	91	57	24	21	11	91	57	23	21	11
January 2030	90	49	13	13	6	89	48	12	13	6	88	47	12	13	6	88	47	11	13	6
January 2031	88	40	4	7	3	86	39	2	7	3	85	38	2	7	3	85	38	1	7	3
January 2032	85	32	0	4	1	83	31	0	4	1	82	30	0	4	1	82	29	0	4	1
January 2033	82	25	0	2	1	80	23	0	2	1	79	22	0	2	1	78	21	0	2	1
January 2034	79	18	0	0	0	77	16	0	0	0	76	15	0	0	0	75	14	0	0	0
January 2035	76	12	0	0	0	73	9	0	0	0	72	8	0	0	0	71	6	0	0	0
January 2036	72	6	0	0	0	69	2	0	0	0	68	1	0	0	0	66	0	0	0	0
January 2037	69	0	0	0	0	65	0	0	0	0	63	0	0	0	0	62	0	0	0	0
January 2038	65	0	0	0	0	60	0	0	0	0	58	0	0	0	0	57	0	0	0	0
January 2039	61	0	0	0	0	55	0	0	0	0	53	0	0	0	0	51	0	0	0	0
January 2040	56	0	0	0	0	50	0	0	0	0	48	0	0	0	0	45	0	0	0	0
January 2041	51	0	0	0	0	45	0	0	0	0	42	0	0	0	0	39	0	0	0	0
January 2042	46	0	0	0	0	39	0	0	0	0	36	0	0	0	0	33	0	0	0	0
January 2043	40	0	0	0	0	32	0	0	0	0	29	0	0	0	0	25	0	0	0	0
January 2044	34	0	0	0	0	25	0	0	0	0	22	0	0	0	0	18	0	0	0	0
January 2045	28	0	0	0	0	18	0	0	0	0	14	0	0	0	0	9	0	0	0	0
January 2046	21	0	0	0	0	10	0	0	0	0	5	0	0	0	0	0	0	0	0	0
January 2047	13	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 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)	14.9	5.3	2.7	2.7	2.2	13.9	5.1	2.7	2.7	2.2	13.5	5.1	2.7	2.7	2.2	13.1	5.0	2.6	2.7	2.2

PSA Prepayment Assumption Rates

Distribution Date	Class ZF 3.48280% 30-day Average SOFR					Class ZF 4.48280% 30-day Average SOFR					Class ZF 4.84140% 30-day Average SOFR					Class ZF 5.20000% and above 30-day Average SOFR				
	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	105	105	105	55	5	106	106	106	55	5	106	106	106	55	5	106	106	106	55	5
January 2027	110	110	110	16	0	112	112	112	16	0	112	112	112	16	0	113	113	113	16	0
January 2028	115	115	115	8	0	118	118	118	8	0	119	119	119	8	0	120	120	120	8	0
January 2029	120	120	120	8	0	125	125	125	8	0	126	126	126	8	0	128	128	128	8	0
January 2030	125	125	125	9	0	132	132	132	9	0	134	134	134	9	0	136	136	136	9	0
January 2031	131	131	131	9	0	139	139	139	9	0	142	142	142	9	0	145	145	145	10	0
January 2032	137	137	117	9	0	147	147	117	10	0	151	151	117	10	0	155	155	117	10	0
January 2033	144	144	90	10	0	156	156	90	10	0	160	160	90	11	0	165	165	90	11	0
January 2034	150	150	69	10	0	164	164	69	11	0	170	170	69	11	0	175	175	69	11	0
January 2035	157	157	53	8	0	174	174	53	8	0	180	180	53	8	0	186	186	53	8	0
January 2036	165	165	40	5	0	184	184	40	5	0	191	191	40	5	0	198	196	40	5	0
January 2037	172	172	31	3	0	194	173	31	3	0	202	173	31	3	0	211	173	31	3	0
January 2038	180	153	23	2	0	205	153	23	2	0	215	153	23	2	0	225	153	23	2	0
January 2039	189	134	18	1	0	217	134	18	1	0	228	134	18	1	0	239	134	18	1	0
January 2040	197	117	13	1	0	229	117	13	1	0	241	117	13	1	0	255	117	13	1	0
January 2041	206	102	10	0	0	242	102	10	0	0	256	102	10	0	0	271	102	10	0	0
January 2042	216	88	7	0	0	256	88	7	0	0	271	88	7	0	0	288	88	7	0	0
January 2043	226	76	6	0	0	270	76	6	0	0	288	76	6	0	0	307	76	6	0	0
January 2044	236	65	4	0	0	285	65	4	0	0	305	65	4	0	0	327	65	4	0	0
January 2045	247	55	3	0	0	302	55	3	0	0	324	55	3	0	0	348	55	3	0	0
January 2046	259	45	2	0	0	319	45	2	0	0	343	45	2	0	0	370	45	2	0	0
January 2047	271	37	1	0	0	337	37	1	0	0	342	37	1	0	0	342	37	1	0	0
January 2048	283	30	1	0	0	311	30	1	0	0	311	30	1	0	0	311	30	1	0	0
January 2049	277	23	1	0	0	277	23	1	0	0	277	23	1	0	0	277	23	1	0	0
January 2050	240	17	0	0	0	240	17	0	0	0	240	17	0	0	0	240	17	0	0	0
January 2051	200	12	0	0	0	200	12	0	0	0	200	12	0	0	0	200	12	0	0	0
January 2052	156	7	0	0	0	156	7	0	0	0	156	7	0	0	0	156	7	0	0	0
January 2053	108	3	0	0	0	108	3	0	0	0	108	3	0	0	0	108	3	0	0	0
January 2054	57	0	0	0	0	57	0	0	0	0	57	0	0	0	0	57	0	0	0	0
January 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)	27.1	18.1	10.2	2.1	0.6	26.5	17.6	10.0	2.2	0.6	26.3	17.4	9.9	2.2	0.6	26.1	17.3	9.9	2.2	0.6

**Security Group 4
PSA Prepayment Assumption Rates**

Distribution Date	Class NB					Class NZ				
	0%	100%	203%	400%	500%	0%	100%	203%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2026	98	96	94	90	88	106	106	106	106	106
January 2027	96	89	83	71	65	112	112	112	112	112
January 2028	94	80	69	48	39	118	118	118	118	118
January 2029	91	72	56	31	21	125	125	125	125	125
January 2030	89	64	45	18	8	132	132	132	132	132
January 2031	86	57	35	7	0	139	139	139	139	128
January 2032	83	50	26	0	0	147	147	147	141	88
January 2033	80	43	18	0	0	155	155	155	105	60
January 2034	77	36	11	0	0	164	164	164	78	41
January 2035	73	30	5	0	0	173	173	173	58	28
January 2036	70	24	0	0	0	183	183	178	43	19
January 2037	66	18	0	0	0	193	193	152	32	13
January 2038	61	12	0	0	0	204	204	129	23	9
January 2039	57	7	0	0	0	216	216	109	17	6
January 2040	52	1	0	0	0	228	228	92	12	4
January 2041	47	0	0	0	0	241	214	77	9	3
January 2042	41	0	0	0	0	254	191	65	7	2
January 2043	35	0	0	0	0	269	170	54	5	1
January 2044	29	0	0	0	0	284	150	44	3	1
January 2045	23	0	0	0	0	300	132	36	2	1
January 2046	15	0	0	0	0	317	114	29	2	0
January 2047	8	0	0	0	0	334	98	24	1	0
January 2048	0	0	0	0	0	352	82	19	1	0
January 2049	0	0	0	0	0	311	68	14	1	0
January 2050	0	0	0	0	0	268	54	11	0	0
January 2051	0	0	0	0	0	222	42	8	0	0
January 2052	0	0	0	0	0	172	30	5	0	0
January 2053	0	0	0	0	0	119	19	3	0	0
January 2054	0	0	0	0	0	61	8	1	0	0
January 2055	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.2	7.3	4.9	3.2	2.7	26.8	21.5	16.3	10.2	8.5

**Security Group 5
PSA Prepayment Assumption Rates**

Distribution Date	Class FZ 3.48280% 30-day Average SOFR					Class FZ 4.48280% 30-day Average SOFR					Class FZ 4.96640% 30-day Average SOFR					Class FZ 5.45000% and above 30-day Average SOFR				
	0%	150%	390%	600%	800%	0%	150%	390%	600%	800%	0%	150%	390%	600%	800%	0%	150%	390%	600%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	105	105	105	90	72	106	106	106	90	72	106	106	106	90	72	107	107	107	90	72
January 2027	110	110	110	70	26	112	112	112	70	26	113	113	113	70	26	114	114	114	70	26
January 2028	115	115	115	59	5	118	118	118	59	5	120	120	120	59	5	121	121	121	59	5
January 2029	120	120	120	61	5	125	125	125	61	5	127	127	127	62	5	129	129	129	62	5
January 2030	125	125	125	64	5	132	132	132	65	5	135	135	135	65	5	138	138	138	66	5
January 2031	131	131	106	44	5	139	139	106	44	6	143	143	106	44	6	147	147	106	44	6
January 2032	137	137	81	28	6	147	147	81	28	6	152	152	81	28	6	157	157	81	28	6
January 2033	144	144	61	18	4	156	156	61	18	4	162	162	61	18	4	168	168	61	18	4
January 2034	150	150	46	11	2	164	164	46	11	2	172	172	46	11	2	179	179	46	11	2
January 2035	157	157	35	7	1	174	167	35	7	1	182	167	35	7	1	191	167	35	7	1
January 2036	165	150	27	4	1	184	150	27	4	1	193	150	27	4	1	204	150	27	4	1
January 2037	172	135	20	3	0	194	135	20	3	0	205	135	20	3	0	218	135	20	3	0
January 2038	180	121	15	2	0	205	121	15	2	0	218	121	15	2	0	232	121	15	2	0
January 2039	189	109	12	1	0	217	109	12	1	0	232	109	12	1	0	248	109	12	1	0
January 2040	197	98	9	1	0	229	98	9	1	0	246	98	9	1	0	264	98	9	1	0
January 2041	206	87	7	0	0	242	87	7	0	0	261	87	7	0	0	282	87	7	0	0
January 2042	216	78	5	0	0	256	78	5	0	0	277	78	5	0	0	301	78	5	0	0
January 2043	226	70	4	0	0	270	70	4	0	0	294	70	4	0	0	321	70	4	0	0
January 2044	236	62	3	0	0	285	62	3	0	0	313	62	3	0	0	342	62	3	0	0
January 2045	247	55	2	0	0	302	55	2	0	0	332	55	2	0	0	334	55	2	0	0
January 2046	259	49	2	0	0	319	49	2	0	0	326	49	2	0	0	326	49	2	0	0
January 2047	271	43	1	0	0	317	43	1	0	0	317	43	1	0	0	317	43	1	0	0
January 2048	283	38	1	0	0	307	38	1	0	0	307	38	1	0	0	307	38	1	0	0
January 2049	296	34	1	0	0	297	34	1	0	0	297	34	1	0	0	297	34	1	0	0
January 2050	286	30	0	0	0	286	30	0	0	0	286	30	0	0	0	286	30	0	0	0
January 2051	274	26	0	0	0	274	26	0	0	0	274	26	0	0	0	274	26	0	0	0
January 2052	262	22	0	0	0	262	22	0	0	0	262	22	0	0	0	262	22	0	0	0
January 2053	248	19	0	0	0	248	19	0	0	0	248	19	0	0	0	248	19	0	0	0
January 2054	234	17	0	0	0	234	17	0	0	0	234	17	0	0	0	234	17	0	0	0
January 2055	219	14	0	0	0	219	14	0	0	0	219	14	0	0	0	219	14	0	0	0
January 2056	202	12	0	0	0	202	12	0	0	0	202	12	0	0	0	202	12	0	0	0
January 2057	184	10	0	0	0	184	10	0	0	0	184	10	0	0	0	184	10	0	0	0
January 2058	165	8	0	0	0	165	8	0	0	0	165	8	0	0	0	165	8	0	0	0
January 2059	145	6	0	0	0	145	6	0	0	0	145	6	0	0	0	145	6	0	0	0
January 2060	123	5	0	0	0	123	5	0	0	0	123	5	0	0	0	123	5	0	0	0
January 2061	99	4	0	0	0	99	4	0	0	0	99	4	0	0	0	99	4	0	0	0
January 2062	74	2	0	0	0	74	2	0	0	0	74	2	0	0	0	74	2	0	0	0
January 2063	47	1	0	0	0	47	1	0	0	0	47	1	0	0	0	47	1	0	0	0
January 2064	18	1	0	0	0	18	1	0	0	0	18	1	0	0	0	18	1	0	0	0
January 2065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	33.2	18.7	9.0	5.1	1.9	32.3	18.1	8.8	5.1	1.9	32.0	17.9	8.7	5.1	1.9	31.7	17.7	8.7	5.1	1.9

**Security Group 5
PSA Prepayment Assumption Rates**

<u>Distribution Date</u>	<u>Class SY</u>				
	<u>0%</u>	<u>150%</u>	<u>390%</u>	<u>600%</u>	<u>800%</u>
Initial Percent	100	100	100	100	100
January 2026	100	96	91	87	83
January 2027	99	89	75	63	53
January 2028	98	81	57	40	27
January 2029	98	73	44	26	14
January 2030	97	66	33	16	7
January 2031	96	60	25	10	4
January 2032	96	54	19	7	2
January 2033	95	49	15	4	1
January 2034	94	44	11	3	1
January 2035	93	40	8	2	0
January 2036	92	36	6	1	0
January 2037	91	32	5	1	0
January 2038	90	29	4	0	0
January 2039	89	26	3	0	0
January 2040	87	23	2	0	0
January 2041	86	21	2	0	0
January 2042	85	19	1	0	0
January 2043	83	17	1	0	0
January 2044	81	15	1	0	0
January 2045	79	13	0	0	0
January 2046	77	12	0	0	0
January 2047	75	10	0	0	0
January 2048	73	9	0	0	0
January 2049	71	8	0	0	0
January 2050	68	7	0	0	0
January 2051	65	6	0	0	0
January 2052	62	5	0	0	0
January 2053	59	5	0	0	0
January 2054	56	4	0	0	0
January 2055	52	3	0	0	0
January 2056	48	3	0	0	0
January 2057	44	2	0	0	0
January 2058	39	2	0	0	0
January 2059	34	2	0	0	0
January 2060	29	1	0	0	0
January 2061	24	1	0	0	0
January 2062	18	1	0	0	0
January 2063	11	0	0	0	0
January 2064	4	0	0	0	0
January 2065	0	0	0	0	0
Weighted Average					
Life (years)	27.9	10.1	4.6	3.1	2.4

**Security Group 5
PSA Prepayment Assumption Rates**

Distribution Date	Class TF 3.48280% 30-day Average SOFR					Class TF 4.48280% 30-day Average SOFR					Class TF 4.96640% 30-day Average SOFR					Class TF 5.45000% and above 30-day Average SOFR				
	0%	150%	390%	600%	800%	0%	150%	390%	600%	800%	0%	150%	390%	600%	800%	0%	150%	390%	600%	800%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	98	94	87	86	86	98	94	87	86	86	97	93	87	86	86	97	93	87	86	86
January 2027	96	83	64	61	61	95	83	64	61	61	95	82	63	61	61	94	82	63	61	61
January 2028	93	70	39	35	35	92	69	38	35	35	92	69	38	35	35	91	68	37	35	35
January 2029	91	59	20	15	17	89	57	18	15	17	89	56	18	14	17	88	56	17	14	17
January 2030	88	48	4	1	8	86	46	2	1	8	85	45	1	1	8	84	44	0	1	8
January 2031	86	38	0	0	3	83	35	0	0	3	82	34	0	0	3	81	32	0	0	3
January 2032	83	28	0	0	1	80	25	0	0	1	78	23	0	0	1	77	22	0	0	1
January 2033	80	19	0	0	0	76	15	0	0	0	74	14	0	0	0	72	12	0	0	0
January 2034	77	11	0	0	0	72	6	0	0	0	70	4	0	0	0	68	2	0	0	0
January 2035	73	3	0	0	0	68	0	0	0	0	65	0	0	0	0	63	0	0	0	0
January 2036	70	0	0	0	0	64	0	0	0	0	61	0	0	0	0	57	0	0	0	0
January 2037	66	0	0	0	0	59	0	0	0	0	55	0	0	0	0	52	0	0	0	0
January 2038	62	0	0	0	0	54	0	0	0	0	50	0	0	0	0	46	0	0	0	0
January 2039	58	0	0	0	0	49	0	0	0	0	44	0	0	0	0	39	0	0	0	0
January 2040	53	0	0	0	0	43	0	0	0	0	38	0	0	0	0	32	0	0	0	0
January 2041	49	0	0	0	0	37	0	0	0	0	31	0	0	0	0	25	0	0	0	0
January 2042	44	0	0	0	0	31	0	0	0	0	24	0	0	0	0	17	0	0	0	0
January 2043	38	0	0	0	0	25	0	0	0	0	17	0	0	0	0	9	0	0	0	0
January 2044	33	0	0	0	0	18	0	0	0	0	9	0	0	0	0	0	0	0	0	0
January 2045	27	0	0	0	0	10	0	0	0	0	1	0	0	0	0	0	0	0	0	0
January 2046	21	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2056	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2057	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2058	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2060	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2061	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2062	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2064	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	14.6	5.0	2.7	2.5	2.6	12.8	4.8	2.6	2.5	2.6	12.1	4.7	2.6	2.5	2.6	11.4	4.6	2.6	2.5	2.6

**Security Group 6
PSA Prepayment Assumption Rates**

Distribution Date	Classes YF and YS				
	0%	200%	431%	700%	900%
Initial Percent	100	100	100	100	100
January 2026	99	95	90	84	80
January 2027	98	85	72	57	47
January 2028	97	74	53	33	21
January 2029	96	64	38	19	10
January 2030	95	56	28	11	4
January 2031	94	48	20	6	2
January 2032	92	42	15	3	1
January 2033	91	36	11	2	0
January 2034	89	31	8	1	0
January 2035	88	27	6	1	0
January 2036	86	23	4	0	0
January 2037	84	20	3	0	0
January 2038	82	17	2	0	0
January 2039	79	14	2	0	0
January 2040	77	12	1	0	0
January 2041	74	10	1	0	0
January 2042	71	9	1	0	0
January 2043	68	7	0	0	0
January 2044	64	6	0	0	0
January 2045	60	5	0	0	0
January 2046	56	4	0	0	0
January 2047	52	3	0	0	0
January 2048	47	3	0	0	0
January 2049	42	2	0	0	0
January 2050	36	1	0	0	0
January 2051	30	1	0	0	0
January 2052	23	1	0	0	0
January 2053	16	0	0	0	0
January 2054	8	0	0	0	0
January 2055	0	0	0	0	0
Weighted Average Life (years)	20.5	7.5	4.1	2.7	2.2

**Security Group 7
PSA Prepayment Assumption Rates**

Distribution Date	Classes CA, CK and CL					Classes FG, FM, FN, MG, SG and SN					Class P				
	0%	140%	170%	200%	400%	0%	140%	170%	200%	400%	0%	140%	170%	200%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	100	100	96	92	67	99	97	96	96	93	99	96	96	96	96
January 2027	100	100	87	74	0	98	90	89	87	77	98	88	88	88	86
January 2028	100	100	75	51	0	97	82	79	76	59	96	77	77	77	62
January 2029	100	100	66	32	0	96	74	70	66	44	95	66	66	66	42
January 2030	100	100	58	19	0	95	67	62	57	33	93	57	57	57	28
January 2031	100	100	53	10	0	93	60	55	50	25	91	48	48	48	17
January 2032	100	100	50	4	0	92	54	48	43	18	89	40	40	40	9
January 2033	100	100	48	1	0	90	49	42	37	14	87	33	33	33	3
January 2034	100	100	47	0	0	89	44	37	32	10	85	27	27	27	0
January 2035	100	99	46	0	0	87	39	33	27	8	83	21	21	21	0
January 2036	100	97	44	0	0	85	35	29	23	6	80	16	16	16	0
January 2037	100	93	42	0	0	83	31	25	20	4	78	12	12	12	0
January 2038	100	89	39	0	0	80	27	22	17	3	75	8	8	8	0
January 2039	100	83	37	0	0	78	24	19	15	2	72	4	4	4	0
January 2040	100	78	34	0	0	75	21	16	12	2	68	2	2	2	0
January 2041	100	72	31	0	0	73	19	14	10	1	64	0	0	0	0
January 2042	100	66	28	0	0	70	16	12	9	1	61	0	0	0	0
January 2043	100	60	25	0	0	66	14	10	7	1	56	0	0	0	0
January 2044	100	54	22	0	0	63	12	9	6	0	52	0	0	0	0
January 2045	100	48	20	0	0	59	11	7	5	0	47	0	0	0	0
January 2046	100	42	17	0	0	55	9	6	4	0	41	0	0	0	0
January 2047	100	36	15	0	0	50	7	5	3	0	36	0	0	0	0
January 2048	100	31	12	0	0	46	6	4	3	0	29	0	0	0	0
January 2049	100	25	10	0	0	40	5	3	2	0	23	0	0	0	0
January 2050	100	20	8	0	0	35	4	2	1	0	16	0	0	0	0
January 2051	100	16	6	0	0	29	3	2	1	0	8	0	0	0	0
January 2052	100	11	4	0	0	22	2	1	1	0	0	0	0	0	0
January 2053	100	7	3	0	0	16	1	1	0	0	0	0	0	0	0
January 2054	67	3	1	0	0	8	0	0	0	0	0	0	0	0	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	29.3	19.8	10.7	3.4	1.2	20.2	9.6	8.5	7.6	4.5	17.7	6.5	6.5	6.5	3.9

PSA Prepayment Assumption Rates

Distribution Date	Class PL					Class PV					Class PZ				
	0%	140%	170%	200%	400%	0%	140%	170%	200%	400%	0%	140%	170%	200%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	100	100	100	100	100	93	93	93	93	93	106	106	106	106	106
January 2027	100	100	100	100	100	86	86	86	86	86	112	112	112	112	112
January 2028	100	100	100	100	100	78	78	78	78	78	118	118	118	118	118
January 2029	100	100	100	100	100	70	70	70	70	70	125	125	125	125	125
January 2030	100	100	100	100	100	61	61	61	61	61	132	132	132	132	132
January 2031	100	100	100	100	100	52	52	52	52	52	139	139	139	139	139
January 2032	100	100	100	100	100	43	43	43	43	43	147	147	147	147	147
January 2033	100	100	100	100	100	33	33	33	33	33	155	155	155	155	155
January 2034	100	100	100	100	91	22	22	22	22	2	164	164	164	164	164
January 2035	100	100	100	100	68	11	11	11	11	0	173	173	173	173	123
January 2036	100	100	100	100	50	0	0	0	0	0	182	182	182	182	91
January 2037	100	100	100	100	37	0	0	0	0	0	182	182	182	182	67
January 2038	100	100	100	100	27	0	0	0	0	0	182	182	182	182	50
January 2039	100	100	100	100	20	0	0	0	0	0	182	182	182	182	36
January 2040	100	100	100	100	15	0	0	0	0	0	182	182	182	182	27
January 2041	100	93	93	93	11	0	0	0	0	0	182	169	169	169	19
January 2042	100	78	78	78	8	0	0	0	0	0	182	142	142	142	14
January 2043	100	65	65	65	6	0	0	0	0	0	182	119	119	119	10
January 2044	100	54	54	54	4	0	0	0	0	0	182	98	98	98	7
January 2045	100	44	44	44	3	0	0	0	0	0	182	81	81	81	5
January 2046	100	36	36	36	2	0	0	0	0	0	182	66	66	66	4
January 2047	100	29	29	29	1	0	0	0	0	0	182	53	53	53	3
January 2048	100	23	23	23	1	0	0	0	0	0	182	42	42	42	2
January 2049	100	18	18	18	1	0	0	0	0	0	182	32	32	32	1
January 2050	100	13	13	13	0	0	0	0	0	0	182	24	24	24	1
January 2051	100	10	10	10	0	0	0	0	0	0	182	17	17	17	0
January 2052	96	6	6	6	0	0	0	0	0	0	175	11	11	11	0
January 2053	34	4	4	4	0	0	0	0	0	0	62	7	7	7	0
January 2054	1	1	1	1	0	0	0	0	0	0	3	3	3	3	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	27.8	20.3	20.3	20.3	12.0	6.0	6.0	6.0	6.0	5.8	27.8	20.3	20.3	20.3	12.3

**Security Group 8
PSA Prepayment Assumption Rates**

Distribution Date	Class M					Class ML				
	0%	50%	88%	250%	400%	0%	50%	88%	250%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2026	95	86	80	57	35	100	100	100	100	100
January 2027	90	72	62	21	0	100	100	100	100	91
January 2028	85	59	44	0	0	100	100	100	94	67
January 2029	80	46	28	0	0	100	100	100	77	49
January 2030	74	34	13	0	0	100	100	100	63	36
January 2031	69	22	0	0	0	100	100	99	52	26
January 2032	63	10	0	0	0	100	100	90	42	19
January 2033	56	0	0	0	0	100	99	82	34	14
January 2034	50	0	0	0	0	100	92	74	28	10
January 2035	44	0	0	0	0	100	85	67	23	7
January 2036	37	0	0	0	0	100	78	60	18	5
January 2037	30	0	0	0	0	100	72	54	15	4
January 2038	22	0	0	0	0	100	65	48	12	3
January 2039	15	0	0	0	0	100	59	43	9	2
January 2040	7	0	0	0	0	100	53	37	7	1
January 2041	0	0	0	0	0	99	48	33	6	1
January 2042	0	0	0	0	0	94	42	28	4	1
January 2043	0	0	0	0	0	88	37	24	3	0
January 2044	0	0	0	0	0	82	32	20	3	0
January 2045	0	0	0	0	0	76	27	17	2	0
January 2046	0	0	0	0	0	69	22	14	1	0
January 2047	0	0	0	0	0	63	18	10	1	0
January 2048	0	0	0	0	0	56	13	8	1	0
January 2049	0	0	0	0	0	49	9	5	0	0
January 2050	0	0	0	0	0	41	5	3	0	0
January 2051	0	0	0	0	0	33	1	1	0	0
January 2052	0	0	0	0	0	26	0	0	0	0
January 2053	0	0	0	0	0	17	0	0	0	0
January 2054	0	0	0	0	0	9	0	0	0	0
January 2055	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.7	3.8	2.8	1.2	0.8	23.5	16.1	13.7	7.5	4.9

**Security Group 9
PSA Prepayment Assumption Rates**

Distribution Date	Classes BF and BS				
	0%	150%	355%	600%	800%
Initial Percent	100	100	100	100	100
January 2026	99	96	93	89	85
January 2027	98	89	78	66	56
January 2028	97	81	61	42	29
January 2029	96	72	48	27	15
January 2030	95	65	37	17	8
January 2031	94	58	29	11	4
January 2032	92	52	22	7	2
January 2033	91	46	17	4	1
January 2034	89	41	13	3	1
January 2035	88	37	10	2	0
January 2036	86	33	8	1	0
January 2037	84	29	6	1	0
January 2038	82	26	5	0	0
January 2039	79	22	3	0	0
January 2040	77	20	3	0	0
January 2041	74	17	2	0	0
January 2042	71	15	1	0	0
January 2043	68	13	1	0	0
January 2044	64	11	1	0	0
January 2045	60	9	1	0	0
January 2046	56	8	0	0	0
January 2047	52	7	0	0	0
January 2048	47	5	0	0	0
January 2049	42	4	0	0	0
January 2050	36	3	0	0	0
January 2051	30	2	0	0	0
January 2052	23	2	0	0	0
January 2053	16	1	0	0	0
January 2054	8	0	0	0	0
January 2055	0	0	0	0	0
Weighted Average Life (years)	20.5	9.2	4.9	3.2	2.5

**Security Group 10
PSA Prepayment Assumption Rates**

Distribution Date	Classes AF and AS					Class AX					Classes EF and SE					Class EX				
	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	99	97	94	90	88	98	95	92	87	84	99	96	94	90	87	98	95	91	86	83
January 2027	98	91	84	73	67	95	87	77	64	57	98	91	83	72	66	95	86	77	62	55
January 2028	97	84	72	55	47	93	77	61	40	29	97	84	71	54	45	93	77	60	39	28
January 2029	95	78	61	41	32	90	68	47	21	10	95	78	61	40	31	90	68	46	20	9
January 2030	94	72	52	31	22	87	59	34	7	0	94	72	52	30	22	88	59	34	6	0
January 2031	93	67	45	23	15	84	51	23	0	0	93	66	44	22	15	85	51	23	0	0
January 2032	91	61	38	17	10	81	43	14	0	0	91	61	38	17	10	81	43	14	0	0
January 2033	89	56	32	13	7	78	36	5	0	0	89	56	32	12	7	78	36	5	0	0
January 2034	88	52	27	9	5	74	29	0	0	0	88	52	27	9	5	75	29	0	0	0
January 2035	86	48	23	7	3	71	22	0	0	0	86	47	23	7	3	71	22	0	0	0
January 2036	84	43	20	5	2	67	15	0	0	0	84	43	19	5	2	67	16	0	0	0
January 2037	82	40	17	4	2	62	9	0	0	0	82	39	16	4	1	63	10	0	0	0
January 2038	79	36	14	3	1	58	3	0	0	0	79	36	14	3	1	59	4	0	0	0
January 2039	77	33	12	2	1	53	0	0	0	0	77	32	11	2	1	54	0	0	0	0
January 2040	74	29	10	1	0	48	0	0	0	0	74	29	10	1	0	49	0	0	0	0
January 2041	71	26	8	1	0	43	0	0	0	0	71	26	8	1	0	44	0	0	0	0
January 2042	68	24	7	1	0	37	0	0	0	0	68	23	7	1	0	38	0	0	0	0
January 2043	65	21	5	1	0	31	0	0	0	0	65	21	5	1	0	32	0	0	0	0
January 2044	61	19	4	0	0	25	0	0	0	0	61	18	4	0	0	26	0	0	0	0
January 2045	57	16	4	0	0	18	0	0	0	0	57	16	4	0	0	19	0	0	0	0
January 2046	53	14	3	0	0	11	0	0	0	0	53	14	3	0	0	12	0	0	0	0
January 2047	49	12	2	0	0	3	0	0	0	0	49	12	2	0	0	5	0	0	0	0
January 2048	44	10	2	0	0	0	0	0	0	0	44	10	2	0	0	0	0	0	0	0
January 2049	39	8	1	0	0	0	0	0	0	0	39	8	1	0	0	0	0	0	0	0
January 2050	34	6	1	0	0	0	0	0	0	0	34	6	1	0	0	0	0	0	0	0
January 2051	28	5	1	0	0	0	0	0	0	0	28	5	1	0	0	0	0	0	0	0
January 2052	22	3	0	0	0	0	0	0	0	0	22	3	0	0	0	0	0	0	0	0
January 2053	15	2	0	0	0	0	0	0	0	0	15	2	0	0	0	0	0	0	0	0
January 2054	8	1	0	0	0	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0
January 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	11.1	6.9	4.3	3.6	13.6	6.5	4.0	2.7	2.3	19.9	11.0	6.8	4.2	3.5	13.7	6.5	4.0	2.6	2.3

PSA Prepayment Assumption Rates

Distribution Date	Class F					Classes FJ and SJ					Classes FK and SK					Class G				
	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	99	96	93	88	85	99	94	89	81	76	99	96	94	90	87	98	94	90	84	81
January 2027	98	90	82	70	64	98	87	76	61	53	98	91	83	72	66	96	86	75	60	53
January 2028	97	83	70	52	44	97	81	65	45	36	97	84	71	54	45	93	76	60	37	27
January 2029	95	77	60	39	30	95	75	56	34	25	95	78	61	40	31	90	68	46	20	9
January 2030	94	71	51	29	21	94	69	47	25	17	94	72	52	30	22	88	59	34	6	0
January 2031	93	66	44	22	14	93	63	40	19	12	93	66	44	22	15	85	51	23	0	0
January 2032	91	61	37	16	10	91	58	34	14	8	91	61	38	17	10	82	43	14	0	0
January 2033	89	56	31	12	7	89	53	29	10	6	89	56	32	12	7	79	36	6	0	0
January 2034	88	51	27	9	5	88	49	25	8	4	88	51	27	9	5	75	29	0	0	0
January 2035	86	47	23	7	3	86	45	21	6	3	86	47	23	7	3	72	22	0	0	0
January 2036	84	43	19	5	2	84	41	17	4	2	84	43	19	5	2	68	16	0	0	0
January 2037	82	39	16	4	1	82	37	15	3	1	82	39	16	4	1	64	10	0	0	0
January 2038	79	35	13	3	1	79	33	12	2	1	79	36	14	3	1	59	4	0	0	0
January 2039	77	32	11	2	1	77	30	10	2	1	77	32	11	2	1	55	0	0	0	0
January 2040	74	29	9	1	0	74	27	8	1	0	74	29	9	1	0	50	0	0	0	0
January 2041	71	26	8	1	0	71	24	7	1	0	71	26	8	1	0	45	0	0	0	0
January 2042	68	23	6	1	0	68	21	6	1	0	68	23	6	1	0	39	0	0	0	0
January 2043	65	20	5	1	0	65	19	5	0	0	65	21	5	1	0	33	0	0	0	0
January 2044	61	18	4	0	0	61	16	4	0	0	61	18	4	0	0	27	0	0	0	0
January 2045	57	16	3	0	0	57	14	3	0	0	57	16	3	0	0	21	0	0	0	0
January 2046	53	13	3	0	0	53	12	2	0	0	53	14	3	0	0	14	0	0	0	0
January 2047	49	11	2	0	0	49	10	2	0	0	49	12	2	0	0	6	0	0	0	0
January 2048	44	9	2	0	0	44	8	1	0	0	44	10	2	0	0	1	0	0	0	0
January 2049	39	8	1	0	0	39	6	1	0	0	39	8	1	0	0	0	0	0	0	0
January 2050	34	6	1	0	0	34	5	1	0	0	34	6	1	0	0	0	0	0	0	0
January 2051	28	4	1	0	0	28	3	0	0	0	28	4	1	0	0	0	0	0	0	0
January 2052	22	3	0	0	0	22	2	0	0	0	22	3	0	0	0	0	0	0	0	0
January 2053	15	1	0	0	0	15	0	0	0	0	15	2	0	0	0	0	0	0	0	0
January 2054	8	0	0	0	0	8	0	0	0	0	8	0	0	0	0	0	0	0	0	0
January 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	10.9	6.7	4.1	3.4	19.9	10.3	6.3	3.7	2.9	19.9	10.9	6.8	4.2	3.5	13.9	6.5	4.0	2.6	2.2

**Security Group 10
PSA Prepayment Assumption Rates**

Distribution Date	Classes HF and HS					Class HX					Class JX					Class KX				
	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	99	97	95	91	89	98	95	92	88	85	98	92	86	76	71	98	95	91	86	83
January 2027	98	91	85	74	69	95	87	78	66	59	96	83	69	51	41	95	86	77	62	55
January 2028	97	85	72	56	48	93	78	62	41	31	94	74	55	31	20	93	77	60	39	28
January 2029	95	78	62	42	33	90	68	47	22	11	91	66	43	16	6	90	68	46	21	9
January 2030	94	73	53	31	23	87	60	35	7	0	89	58	32	5	0	88	59	34	7	0
January 2031	93	67	45	23	16	84	52	24	0	0	86	50	22	0	0	85	51	23	0	0
January 2032	91	62	38	17	11	81	44	14	0	0	83	43	14	0	0	82	43	14	0	0
January 2033	89	57	33	13	7	78	36	5	0	0	80	37	7	0	0	78	36	6	0	0
January 2034	88	52	28	10	5	74	29	0	0	0	77	30	0	0	0	75	29	0	0	0
January 2035	86	48	23	7	3	71	22	0	0	0	74	24	0	0	0	71	22	0	0	0
January 2036	84	44	20	5	2	67	16	0	0	0	70	18	0	0	0	67	16	0	0	0
January 2037	82	40	17	4	2	62	9	0	0	0	66	12	0	0	0	63	10	0	0	0
January 2038	79	36	14	3	1	58	3	0	0	0	62	7	0	0	0	59	4	0	0	0
January 2039	77	33	12	2	1	53	0	0	0	0	58	2	0	0	0	54	0	0	0	0
January 2040	74	30	10	2	0	48	0	0	0	0	54	0	0	0	0	49	0	0	0	0
January 2041	71	27	8	1	0	43	0	0	0	0	49	0	0	0	0	44	0	0	0	0
January 2042	68	24	7	1	0	37	0	0	0	0	44	0	0	0	0	38	0	0	0	0
January 2043	65	21	6	1	0	31	0	0	0	0	38	0	0	0	0	32	0	0	0	0
January 2044	61	19	5	0	0	25	0	0	0	0	33	0	0	0	0	26	0	0	0	0
January 2045	57	16	4	0	0	18	0	0	0	0	26	0	0	0	0	20	0	0	0	0
January 2046	53	14	3	0	0	11	0	0	0	0	20	0	0	0	0	13	0	0	0	0
January 2047	49	12	2	0	0	3	0	0	0	0	13	0	0	0	0	5	0	0	0	0
January 2048	44	10	2	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0
January 2049	39	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2050	34	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2051	28	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2052	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2053	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2054	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 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	11.1	7.0	4.4	3.6	13.6	6.5	4.1	2.7	2.4	14.6	6.5	3.8	2.3	1.9	13.8	6.5	4.0	2.6	2.3

PSA Prepayment Assumption Rates

Distribution Date	Class SL					Class Z					Class ZA					Class ZE				
	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	99	96	92	87	84	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
January 2027	98	90	81	68	62	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
January 2028	97	83	69	51	43	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
January 2029	95	77	59	38	29	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
January 2030	94	71	50	29	20	119	119	119	119	103	119	119	119	119	103	119	119	119	119	103
January 2031	93	65	43	21	14	123	123	123	107	70	123	123	123	107	71	123	123	123	107	71
January 2032	91	60	37	16	10	128	128	128	80	48	128	128	128	80	49	128	128	128	80	49
January 2033	89	55	31	12	7	132	132	132	59	33	132	132	132	59	33	132	132	132	59	33
January 2034	88	51	26	9	4	137	137	131	44	23	137	137	129	44	23	137	137	130	44	23
January 2035	86	46	22	6	3	142	142	111	33	15	142	142	109	33	16	142	142	110	33	16
January 2036	84	42	19	5	2	147	147	94	24	10	147	147	92	24	11	147	147	93	24	11
January 2037	82	39	16	4	1	152	152	79	18	7	152	152	77	18	7	152	152	78	18	7
January 2038	79	35	13	3	1	158	158	66	13	5	158	158	65	13	5	158	158	66	13	5
January 2039	77	32	11	2	1	163	156	55	10	3	163	153	54	10	3	163	155	55	10	3
January 2040	74	28	9	1	0	169	142	46	7	2	169	138	45	7	2	169	140	46	7	2
January 2041	71	26	8	1	0	175	127	38	5	1	175	124	38	5	1	175	125	38	5	1
January 2042	68	23	6	1	0	181	113	31	4	1	181	111	31	4	1	181	112	31	4	1
January 2043	65	20	5	1	0	188	100	26	3	1	188	98	26	3	1	188	99	26	3	1
January 2044	61	18	4	0	0	194	88	21	2	0	194	87	21	2	0	194	87	21	2	0
January 2045	57	15	3	0	0	201	77	17	1	0	201	76	17	1	0	201	76	17	1	0
January 2046	53	13	3	0	0	208	66	13	1	0	208	66	13	1	0	208	66	13	1	0
January 2047	49	11	2	0	0	216	56	10	1	0	216	56	11	1	0	216	56	11	1	0
January 2048	44	9	2	0	0	212	47	8	0	0	206	47	8	0	0	211	47	8	0	0
January 2049	39	7	1	0	0	192	38	6	0	0	183	38	6	0	0	187	38	6	0	0
January 2050	34	6	1	0	0	165	29	4	0	0	157	30	5	0	0	161	30	4	0	0
January 2051	28	4	1	0	0	137	22	3	0	0	130	23	3	0	0	133	22	3	0	0
January 2052	22	3	0	0	0	106	14	2	0	0	101	16	2	0	0	103	15	2	0	0
January 2053	15	1	0	0	0	73	7	1	0	0	70	9	1	0	0	71	8	1	0	0
January 2054	8	0	0	0	0	38	2	0	0	0	36	3	0	0	0	37	2	0	0	0
January 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	10.8	6.7	4.1	3.3	26.7	20.3	14.2	8.9	7.3	26.6	20.2	14.1	8.9	7.3	26.6	20.2	14.1	8.9	7.3

**Security Group 10
PSA Prepayment Assumption Rates**

Distribution Date	Class ZH					Class ZJ					Class ZK				
	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%	0%	100%	219%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
January 2027	107	107	107	107	107	107	107	107	107	107	107	107	107	107	107
January 2028	111	111	111	111	111	111	111	111	111	111	111	111	111	111	111
January 2029	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115
January 2030	119	119	119	119	106	119	119	119	119	97	119	119	119	119	104
January 2031	123	123	123	109	73	123	123	123	106	67	123	123	123	108	71
January 2032	128	128	128	81	50	128	128	128	79	46	128	128	128	80	49
January 2033	132	132	132	60	34	132	132	132	59	31	132	132	132	60	33
January 2034	137	137	129	45	23	137	137	137	43	21	137	137	130	44	23
January 2035	142	142	110	33	16	142	142	117	32	14	142	142	110	33	16
January 2036	147	147	93	25	11	147	147	99	24	10	147	147	93	24	11
January 2037	152	152	78	18	7	152	152	83	17	7	152	152	78	18	7
January 2038	158	158	66	13	5	158	158	69	13	4	158	158	66	13	5
January 2039	163	153	55	10	3	163	163	58	9	3	163	155	55	10	3
January 2040	169	138	46	7	2	169	153	48	7	2	169	140	46	7	2
January 2041	175	124	38	5	2	175	137	39	5	1	175	125	38	5	1
January 2042	181	111	31	4	1	181	121	32	3	1	181	112	31	4	1
January 2043	188	99	26	3	1	188	106	26	2	1	188	99	26	3	1
January 2044	194	87	21	2	0	194	93	21	2	0	194	87	21	2	0
January 2045	201	77	17	1	0	201	80	17	1	0	201	76	17	1	0
January 2046	208	66	14	1	0	208	68	13	1	0	208	65	13	1	0
January 2047	216	57	11	1	0	216	56	10	1	0	216	55	10	1	0
January 2048	205	48	8	0	0	223	46	8	0	0	212	46	8	0	0
January 2049	182	39	6	0	0	221	36	5	0	0	188	37	6	0	0
January 2050	157	31	5	0	0	191	26	4	0	0	162	29	4	0	0
January 2051	130	24	3	0	0	158	17	2	0	0	134	21	3	0	0
January 2052	100	17	2	0	0	122	9	1	0	0	104	14	2	0	0
January 2053	69	11	1	0	0	84	1	0	0	0	72	7	1	0	0
January 2054	36	4	0	0	0	44	0	0	0	0	37	1	0	0	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	26.6	20.3	14.1	9.0	7.4	27.1	20.3	14.3	8.9	7.1	26.7	20.2	14.1	8.9	7.3

**Security Group 11
PSA Prepayment Assumption Rates**

Distribution Date	Classes DS, GF, GS, JF and JS				
	0%	150%	360%	600%	800%
Initial Percent	100	100	100	100	100
January 2026	99	93	85	76	68
January 2027	98	84	66	49	36
January 2028	97	76	51	31	18
January 2029	95	68	40	19	9
January 2030	94	61	31	12	5
January 2031	93	55	24	8	2
January 2032	91	49	18	5	1
January 2033	89	44	14	3	1
January 2034	87	39	11	2	0
January 2035	85	34	8	1	0
January 2036	83	31	6	1	0
January 2037	81	27	5	0	0
January 2038	78	24	4	0	0
January 2039	76	21	3	0	0
January 2040	73	18	2	0	0
January 2041	69	16	2	0	0
January 2042	66	14	1	0	0
January 2043	62	12	1	0	0
January 2044	58	10	1	0	0
January 2045	54	9	0	0	0
January 2046	50	7	0	0	0
January 2047	45	6	0	0	0
January 2048	39	5	0	0	0
January 2049	33	4	0	0	0
January 2050	27	3	0	0	0
January 2051	21	2	0	0	0
January 2052	13	1	0	0	0
January 2053	6	0	0	0	0
January 2054	0	0	0	0	0
Weighted Average Life (years)	19.1	8.6	4.2	2.6	1.9

**Security Group 11
PSA Prepayment Assumption Rates**

Distribution Date	Class DF 3.43799% 30-day Average SOFR					Class DF 4.43799% 30-day Average SOFR					Class DF 4.81900% 30-day Average SOFR					Class DF 5.20000% and above 30-day Average SOFR				
	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	98	91	81	80	80	98	91	81	80	80	98	91	81	80	80	98	91	81	80	80
January 2027	96	79	58	55	43	95	79	58	55	43	95	79	58	55	43	95	79	57	55	43
January 2028	93	68	39	35	22	93	67	39	35	22	92	67	38	35	22	92	67	38	35	22
January 2029	91	58	24	22	11	90	57	24	22	11	89	57	23	22	11	89	56	23	22	11
January 2030	88	49	13	13	6	87	47	11	13	6	86	47	11	13	6	86	46	11	13	6
January 2031	85	40	3	7	3	84	38	2	7	3	83	38	1	7	3	82	37	0	7	3
January 2032	82	32	0	4	2	80	30	0	4	2	79	29	0	4	2	79	28	0	4	2
January 2033	79	24	0	2	1	77	22	0	2	1	76	21	0	2	1	75	20	0	2	1
January 2034	75	18	0	0	0	73	15	0	0	0	72	14	0	0	0	71	13	0	0	0
January 2035	72	11	0	0	0	69	8	0	0	0	67	7	0	0	0	66	5	0	0	0
January 2036	68	5	0	0	0	64	1	0	0	0	63	0	0	0	0	61	0	0	0	0
January 2037	63	0	0	0	0	59	0	0	0	0	58	0	0	0	0	56	0	0	0	0
January 2038	59	0	0	0	0	54	0	0	0	0	52	0	0	0	0	50	0	0	0	0
January 2039	54	0	0	0	0	49	0	0	0	0	47	0	0	0	0	44	0	0	0	0
January 2040	49	0	0	0	0	43	0	0	0	0	40	0	0	0	0	38	0	0	0	0
January 2041	44	0	0	0	0	37	0	0	0	0	34	0	0	0	0	31	0	0	0	0
January 2042	38	0	0	0	0	30	0	0	0	0	27	0	0	0	0	23	0	0	0	0
January 2043	31	0	0	0	0	23	0	0	0	0	19	0	0	0	0	16	0	0	0	0
January 2044	25	0	0	0	0	15	0	0	0	0	11	0	0	0	0	7	0	0	0	0
January 2045	18	0	0	0	0	7	0	0	0	0	3	0	0	0	0	0	0	0	0	0
January 2046	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2047	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	13.7	5.3	2.7	2.7	2.2	12.8	5.1	2.6	2.7	2.2	12.4	5.0	2.6	2.7	2.2	12.1	4.9	2.6	2.7	2.2

PSA Prepayment Assumption Rates

Distribution Date	Class ZD 3.43799% 30-day Average SOFR					Class ZD 4.43799% 30-day Average SOFR					Class ZD 4.81900% 30-day Average SOFR					Class ZD 5.20000% and above 30-day Average SOFR				
	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	105	105	105	55	6	106	106	106	55	6	106	106	106	55	6	106	106	106	55	6
January 2027	109	109	109	16	0	112	112	112	16	0	112	112	112	16	0	113	113	113	16	0
January 2028	114	114	114	8	0	118	118	118	8	0	119	119	119	8	0	120	120	120	8	0
January 2029	120	120	120	8	0	124	124	124	8	0	126	126	126	8	0	128	128	128	9	0
January 2030	125	125	125	9	0	131	131	131	9	0	134	134	134	9	0	136	136	136	9	0
January 2031	131	131	131	9	0	139	139	139	9	0	142	142	142	10	0	145	145	145	10	0
January 2032	137	137	114	10	0	147	147	114	10	0	151	151	114	10	0	155	155	114	10	0
January 2033	143	143	87	10	0	155	155	87	10	0	160	160	87	11	0	165	165	87	11	0
January 2034	150	150	67	10	0	164	164	67	11	0	169	169	67	11	0	175	175	67	12	0
January 2035	157	157	51	7	0	173	173	51	7	0	180	180	51	7	0	186	186	51	7	0
January 2036	164	164	39	5	0	183	183	39	5	0	190	190	39	5	0	198	190	39	5	0
January 2037	171	168	30	3	0	193	168	30	3	0	202	168	30	3	0	211	168	30	3	0
January 2038	179	148	23	2	0	204	148	23	2	0	214	148	23	2	0	225	148	23	2	0
January 2039	187	130	17	1	0	215	130	17	1	0	227	130	17	1	0	239	130	17	1	0
January 2040	196	114	13	1	0	227	114	13	1	0	241	114	13	1	0	255	114	13	1	0
January 2041	205	99	10	0	0	240	99	10	0	0	255	99	10	0	0	271	99	10	0	0
January 2042	214	86	7	0	0	254	86	7	0	0	270	86	7	0	0	288	86	7	0	0
January 2043	224	74	5	0	0	268	74	5	0	0	287	74	5	0	0	307	74	5	0	0
January 2044	234	63	4	0	0	283	63	4	0	0	304	63	4	0	0	327	63	4	0	0
January 2045	245	53	3	0	0	299	53	3	0	0	322	53	3	0	0	337	53	3	0	0
January 2046	256	44	2	0	0	308	44	2	0	0	308	44	2	0	0	308	44	2	0	0
January 2047	268	36	1	0	0	278	36	1	0	0	278	36	1	0	0	278	36	1	0	0
January 2048	244	29	1	0	0	244	29	1	0	0	244	29	1	0	0	244	29	1	0	0
January 2049	208	22	1	0	0	208	22	1	0	0	208	22	1	0	0	208	22	1	0	0
January 2050	170	17	0	0	0	170	17	0	0	0	170	17	0	0	0	170	17	0	0	0
January 2051	128	11	0	0	0	128	11	0	0	0	128	11	0	0	0	128	11	0	0	0
January 2052	83	7	0	0	0	83	7	0	0	0	83	7	0	0	0	83	7	0	0	0
January 2053	34	3	0	0	0	34	3	0	0	0	34	3	0	0	0	34	3	0	0	0
January 2054	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	25.7	18.0	10.1	2.1	0.6	25.2	17.5	9.9	2.2	0.6	24.9	17.3	9.8	2.2	0.6	24.7	17.1	9.8	2.2	0.6

**Security Groups 3 and 11
PSA Prepayment Assumption Rates**

Distribution Date	Class ST				
	0%	150%	360%	600%	800%
Initial Percent	100	100	100	100	100
January 2026	99	93	85	76	68
January 2027	98	84	66	49	36
January 2028	97	76	51	31	18
January 2029	96	68	40	19	9
January 2030	95	61	31	12	5
January 2031	93	55	24	8	2
January 2032	92	49	18	5	1
January 2033	90	44	14	3	1
January 2034	89	39	11	2	0
January 2035	87	34	8	1	0
January 2036	85	31	6	1	0
January 2037	83	27	5	0	0
January 2038	80	24	4	0	0
January 2039	78	21	3	0	0
January 2040	75	18	2	0	0
January 2041	72	16	2	0	0
January 2042	69	14	1	0	0
January 2043	66	12	1	0	0
January 2044	62	10	1	0	0
January 2045	58	9	0	0	0
January 2046	53	7	0	0	0
January 2047	49	6	0	0	0
January 2048	43	5	0	0	0
January 2049	38	4	0	0	0
January 2050	32	3	0	0	0
January 2051	25	2	0	0	0
January 2052	18	1	0	0	0
January 2053	11	0	0	0	0
January 2054	4	0	0	0	0
January 2055	0	0	0	0	0
Weighted Average Life (years)	19.9	8.6	4.2	2.6	1.9

PSA Prepayment Assumption Rates

Distribution Date	Class ZX 3.45811% 30-day Average SOFR					Class ZX 4.45811% 30-day Average SOFR					Class ZX 4.82906% 30-day Average SOFR					Class ZX 5.20000% and above 30-day Average SOFR				
	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%	0%	150%	360%	600%	800%
	Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	105	105	105	55	6	106	106	106	55	6	106	106	106	55	6	106	106	106	55	6
January 2027	110	110	110	16	0	112	112	112	16	0	112	112	112	16	0	113	113	113	16	0
January 2028	115	115	115	8	0	118	118	118	8	0	119	119	119	8	0	120	120	120	8	0
January 2029	120	120	120	8	0	125	125	125	8	0	126	126	126	8	0	128	128	128	8	0
January 2030	125	125	125	9	0	132	132	132	9	0	134	134	134	9	0	136	136	136	9	0
January 2031	131	131	131	9	0	139	139	139	9	0	142	142	142	9	0	145	145	145	10	0
January 2032	137	137	115	9	0	147	147	115	10	0	151	151	115	10	0	155	155	115	10	0
January 2033	143	143	89	10	0	155	155	89	10	0	160	160	89	11	0	165	165	89	11	0
January 2034	150	150	68	10	0	164	164	68	11	0	169	169	68	11	0	175	175	68	12	0
January 2035	157	157	52	8	0	173	173	52	8	0	180	180	52	8	0	186	186	52	8	0
January 2036	164	164	40	5	0	183	183	40	5	0	191	190	40	5	0	198	193	40	5	0
January 2037	172	170	30	3	0	193	170	30	3	0	202	170	30	3	0	211	170	30	3	0
January 2038	180	150	23	2	0	204	150	23	2	0	214	150	23	2	0	225	150	23	2	0
January 2039	188	132	17	1	0	216	132	17	1	0	227	132	17	1	0	239	132	17	1	0
January 2040	197	115	13	1	0	228	115	13	1	0	241	115	13	1	0	255	115	13	1	0
January 2041	206	101	10	0	0	241	101	10	0	0	255	101	10	0	0	271	101	10	0	0
January 2042	215	87	7	0	0	255	87	7	0	0	271	87	7	0	0	288	87	7	0	0
January 2043	225	75	5	0	0	269	75	5	0	0	287	75	5	0	0	307	75	5	0	0
January 2044	235	64	4	0	0	284	64	4	0	0	305	64	4	0	0	327	64	4	0	0
January 2045	246	54	3	0	0	300	54	3	0	0	323	54	3	0	0	342	54	3	0	0
January 2046	257	45	2	0	0	312	45	2	0	0	324	45	2	0	0	336	45	2	0	0
January 2047	269	37	1	0	0	303	37	1	0	0	307	37	1	0	0	307	37	1	0	0
January 2048	261	29	1	0	0	274	29	1	0	0	274	29	1	0	0	274	29	1	0	0
January 2049	239	23	1	0	0	239	23	1	0	0	239	23	1	0	0	239	23	1	0	0
January 2050	201	17	0	0	0	201	17	0	0	0	201	17	0	0	0	201	17	0	0	0
January 2051	160	12	0	0	0	160	12	0	0	0	160	12	0	0	0	160	12	0	0	0
January 2052	116	7	0	0	0	116	7	0	0	0	116	7	0	0	0	116	7	0	0	0
January 2053	68	3	0	0	0	68	3	0	0	0	68	3	0	0	0	68	3	0	0	0
January 2054	25	0	0	0	0	25	0	0	0	0	25	0	0	0	0	25	0	0	0	0
January 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)	26.5	18.1	10.2	2.1	0.6	25.9	17.6	10.0	2.2	0.6	25.7	17.4	9.9	2.2	0.6	25.5	17.2	9.8	2.2	0.6

**Security Group 12
PSA Prepayment Assumption Rates**

Distribution Date	Class BA					Class ZB				
	0%	100%	236%	400%	500%	0%	100%	236%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100
January 2026	98	96	93	89	86	106	106	106	106	106
January 2027	97	90	80	70	63	113	113	113	113	113
January 2028	95	82	67	50	42	120	120	120	120	120
January 2029	93	75	55	36	26	127	127	127	127	127
January 2030	91	69	45	25	16	135	135	135	135	135
January 2031	89	63	37	16	8	143	143	143	143	143
January 2032	87	57	29	10	3	152	152	152	152	152
January 2033	84	51	23	5	0	161	161	161	161	142
January 2034	81	46	17	1	0	171	171	171	171	97
January 2035	79	41	12	0	0	182	182	182	139	66
January 2036	76	36	8	0	0	193	193	193	103	45
January 2037	72	31	5	0	0	205	205	205	76	31
January 2038	69	27	1	0	0	218	218	218	56	21
January 2039	65	22	0	0	0	231	231	200	41	14
January 2040	61	18	0	0	0	245	245	165	30	9
January 2041	57	14	0	0	0	261	261	135	22	6
January 2042	53	10	0	0	0	277	277	110	16	4
January 2043	48	7	0	0	0	294	294	89	11	3
January 2044	43	3	0	0	0	312	312	71	8	2
January 2045	38	0	0	0	0	331	323	57	6	1
January 2046	32	0	0	0	0	351	277	45	4	1
January 2047	26	0	0	0	0	373	234	34	3	0
January 2048	19	0	0	0	0	396	194	26	2	0
January 2049	12	0	0	0	0	421	156	19	1	0
January 2050	5	0	0	0	0	446	120	13	1	0
January 2051	0	0	0	0	0	408	86	9	0	0
January 2052	0	0	0	0	0	273	54	5	0	0
January 2053	0	0	0	0	0	128	24	2	0	0
January 2054	0	0	0	0	0	0	0	0	0	0
January 2055	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	16.2	8.9	5.2	3.5	3.0	27.3	24.0	17.9	12.5	10.3

**Security Group 13
PSA Prepayment Assumption Rates**

Distribution Date	Class JI					Class JL					Class JP					Class JZ					
	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	0%	175%	250%	300%	500%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	98	93	93	93	93	100	100	100	100	100	98	93	93	93	93	107	107	93	85	49	
January 2027	95	82	82	82	76	100	100	100	100	100	95	82	82	82	75	114	114	77	52	0	
January 2028	93	69	69	69	52	100	100	100	100	100	93	69	69	69	51	121	121	61	22	0	
January 2029	90	58	58	58	36	100	100	100	100	100	90	57	57	57	35	130	130	53	6	0	
January 2030	87	47	47	47	25	100	100	100	100	100	87	46	46	46	23	138	138	51	0	0	
January 2031	84	38	38	38	17	100	100	100	100	100	84	37	37	37	15	148	145	52	0	0	
January 2032	81	31	31	31	12	100	100	100	100	100	80	29	29	29	10	157	147	51	0	0	
January 2033	77	25	25	25	8	100	100	100	100	100	77	23	23	23	6	168	144	48	0	0	
January 2034	73	20	20	20	6	100	100	100	100	100	73	18	18	18	4	179	138	45	0	0	
January 2035	69	16	16	16	4	100	100	100	100	100	69	14	14	14	2	191	131	41	0	0	
January 2036	65	13	13	13	3	100	100	100	100	100	64	11	11	11	1	204	122	38	0	0	
January 2037	60	10	10	10	2	100	100	100	100	84	59	8	8	8	0	218	112	33	0	0	
January 2038	55	8	8	8	1	100	100	100	100	57	54	6	6	6	0	232	102	30	0	0	
January 2039	50	6	6	6	1	100	100	100	100	39	49	4	4	4	0	248	92	26	0	0	
January 2040	44	5	5	5	1	100	100	100	100	26	43	3	3	3	0	264	83	22	0	0	
January 2041	38	4	4	4	0	100	100	100	100	17	37	2	2	2	0	282	73	19	0	0	
January 2042	31	3	3	3	0	100	100	100	100	12	30	1	1	1	0	301	64	16	0	0	
January 2043	24	2	2	2	0	100	100	100	100	8	23	0	0	0	0	321	56	14	0	0	
January 2044	17	2	2	2	0	100	88	88	88	5	15	0	0	0	0	343	48	11	0	0	
January 2045	9	1	1	1	0	100	68	68	68	3	7	0	0	0	0	366	41	9	0	0	
January 2046	1	1	1	1	0	51	51	51	51	2	0	0	0	0	0	383	35	8	0	0	
January 2047	1	1	1	1	0	38	38	38	38	1	0	0	0	0	0	349	29	6	0	0	
January 2048	1	1	1	1	0	28	28	28	28	1	0	0	0	0	0	312	23	5	0	0	
January 2049	0	0	0	0	0	20	20	20	20	1	0	0	0	0	0	272	18	4	0	0	
January 2050	0	0	0	0	0	14	14	14	14	0	0	0	0	0	0	229	14	3	0	0	
January 2051	0	0	0	0	0	9	9	9	9	0	0	0	0	0	0	183	10	2	0	0	
January 2052	0	0	0	0	0	5	5	5	5	0	0	0	0	0	0	132	7	1	0	0	
January 2053	0	0	0	0	0	3	3	3	3	0	0	0	0	0	0	78	4	1	0	0	
January 2054	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	20	1	0	0	0	
January 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)	13.0	5.9	5.9	5.9	3.9	22.3	21.8	21.8	21.8	14.1	12.8	5.6	5.6	5.6	3.7	25.6	16.7	8.7	2.2	1.0	

**Security Group 14
PSA Prepayment Assumption Rates**

Distribution Date	Class CH					Classes FH, HT and SH					Class H					Classes HA, HB, HC, HD, HI and HP				
	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	100	100	97	92	79	99	97	96	96	93	99	96	95	94	91	98	95	95	95	95
January 2027	100	100	91	73	28	98	91	89	86	77	97	88	86	82	70	96	84	84	84	84
January 2028	100	100	82	50	0	96	83	80	74	59	95	78	74	66	46	94	71	71	71	61
January 2029	100	100	75	32	0	95	76	71	63	44	94	69	62	51	26	91	58	58	58	35
January 2030	100	100	70	18	0	94	69	63	54	33	92	60	52	39	12	89	46	46	46	16
January 2031	100	100	66	9	0	92	63	56	46	25	90	51	43	29	1	86	35	35	35	1
January 2032	100	100	63	4	0	90	57	50	39	18	87	44	34	20	0	83	25	25	25	0
January 2033	100	100	61	1	0	89	52	44	33	14	85	37	27	12	0	80	16	16	16	0
January 2034	100	100	60	0	0	87	47	39	28	10	83	30	20	5	0	77	7	7	7	0
January 2035	100	97	56	0	0	85	42	35	24	8	80	24	14	0	0	73	0	0	0	0
January 2036	100	75	35	0	0	83	38	31	20	6	77	19	9	0	0	69	0	0	0	0
January 2037	100	55	16	0	0	80	34	27	17	4	74	14	4	0	0	65	0	0	0	0
January 2038	100	37	0	0	0	78	31	24	14	3	71	9	0	0	0	61	0	0	0	0
January 2039	100	19	0	0	0	75	28	21	12	2	67	5	0	0	0	56	0	0	0	0
January 2040	100	4	0	0	0	72	25	18	10	2	64	1	0	0	0	52	0	0	0	0
January 2041	100	0	0	0	0	69	22	16	8	1	60	0	0	0	0	46	0	0	0	0
January 2042	100	0	0	0	0	66	19	13	7	1	56	0	0	0	0	41	0	0	0	0
January 2043	100	0	0	0	0	63	17	11	5	1	51	0	0	0	0	35	0	0	0	0
January 2044	100	0	0	0	0	59	15	10	4	0	46	0	0	0	0	28	0	0	0	0
January 2045	100	0	0	0	0	55	13	8	4	0	41	0	0	0	0	21	0	0	0	0
January 2046	100	0	0	0	0	51	11	7	3	0	36	0	0	0	0	14	0	0	0	0
January 2047	100	0	0	0	0	47	9	6	2	0	30	0	0	0	0	6	0	0	0	0
January 2048	94	0	0	0	0	42	8	5	2	0	24	0	0	0	0	0	0	0	0	0
January 2049	68	0	0	0	0	37	6	4	1	0	17	0	0	0	0	0	0	0	0	0
January 2050	40	0	0	0	0	31	5	3	1	0	10	0	0	0	0	0	0	0	0	0
January 2051	10	0	0	0	0	26	4	2	1	0	2	0	0	0	0	0	0	0	0	0
January 2052	0	0	0	0	0	20	3	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2053	0	0	0	0	0	13	2	1	0	0	0	0	0	0	0	0	0	0	0	0
January 2054	0	0	0	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0
January 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)	24.6	12.4	8.2	3.3	1.6	19.5	10.2	8.8	7.0	4.5	16.8	6.8	5.7	4.5	3.0	14.1	4.9	4.9	4.9	3.4

PSA Prepayment Assumption Rates

Distribution Date	Class HV					Class HZ					Class LH				
	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%	0%	125%	160%	225%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	93	93	93	93	93	106	106	106	106	106	100	100	100	100	100
January 2027	86	86	86	86	86	112	112	112	112	112	100	100	100	100	100
January 2028	78	78	78	78	78	118	118	118	118	118	100	100	100	100	100
January 2029	70	70	70	70	70	125	125	125	125	125	100	100	100	100	100
January 2030	61	61	61	61	61	132	132	132	132	132	100	100	100	100	100
January 2031	52	52	52	52	52	139	139	139	139	139	100	100	100	100	100
January 2032	43	43	43	43	0	147	147	147	147	140	100	100	100	100	77
January 2033	33	33	33	33	0	155	155	155	155	104	100	100	100	100	57
January 2034	22	22	22	22	0	164	164	164	164	77	100	100	100	100	43
January 2035	11	11	11	7	0	173	173	173	173	57	100	100	100	98	32
January 2036	0	0	0	0	0	182	182	182	151	43	100	100	100	83	23
January 2037	0	0	0	0	0	182	182	182	127	31	100	100	100	70	17
January 2038	0	0	0	0	0	182	182	179	106	23	100	100	99	59	13
January 2039	0	0	0	0	0	182	182	157	89	17	100	100	86	49	9
January 2040	0	0	0	0	0	182	182	136	74	12	100	100	75	41	7
January 2041	0	0	0	0	0	182	166	118	61	9	100	91	65	34	5
January 2042	0	0	0	0	0	182	146	102	51	7	100	81	56	28	4
January 2043	0	0	0	0	0	182	128	87	42	5	100	71	48	23	3
January 2044	0	0	0	0	0	182	112	74	34	3	100	62	41	19	2
January 2045	0	0	0	0	0	182	97	63	27	2	100	53	35	15	1
January 2046	0	0	0	0	0	182	83	52	22	2	100	46	29	12	1
January 2047	0	0	0	0	0	182	70	43	17	1	100	38	24	10	1
January 2048	0	0	0	0	0	182	58	35	13	1	100	32	19	7	0
January 2049	0	0	0	0	0	182	47	28	10	1	100	26	15	6	0
January 2050	0	0	0	0	0	182	37	22	8	0	100	21	12	4	0
January 2051	0	0	0	0	0	182	28	16	5	0	100	16	9	3	0
January 2052	0	0	0	0	0	149	20	11	4	0	82	11	6	2	0
January 2053	0	0	0	0	0	99	12	7	2	0	54	7	4	1	0
January 2054	0	0	0	0	0	46	5	3	1	0	25	3	2	0	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	6.0	6.0	6.0	6.0	4.9	28.1	21.1	18.7	15.4	10.2	28.1	21.1	18.7	15.1	9.5

**Security Group 15
PSA Prepayment Assumption Rates**

Distribution Date	Classes FQ and SQ					Class Q					Class QZ				
	0%	150%	350%	550%	700%	0%	150%	350%	550%	700%	0%	150%	350%	550%	700%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	99	93	85	78	72	99	93	85	77	71	106	106	106	106	106
January 2027	98	84	67	52	42	98	83	66	51	40	112	112	112	112	112
January 2028	98	76	52	35	24	97	74	51	32	22	118	118	118	118	118
January 2029	97	68	41	23	14	96	66	39	20	11	125	125	125	125	125
January 2030	95	61	32	15	8	95	59	29	12	5	132	132	132	132	132
January 2031	94	55	25	10	4	93	52	22	7	1	139	139	139	139	139
January 2032	93	49	19	7	3	92	46	16	3	0	147	147	147	147	101
January 2033	92	44	15	4	1	90	41	11	0	0	155	155	155	155	58
January 2034	90	39	12	3	1	88	36	8	0	0	164	164	164	111	33
January 2035	89	34	9	2	0	86	31	5	0	0	173	173	173	73	19
January 2036	87	31	7	1	0	84	27	2	0	0	183	183	183	48	10
January 2037	85	27	5	1	0	82	23	0	0	0	193	193	193	31	6
January 2038	83	24	4	1	0	80	19	0	0	0	204	204	159	20	3
January 2039	81	21	3	0	0	77	16	0	0	0	216	216	121	13	2
January 2040	78	18	2	0	0	74	13	0	0	0	228	228	92	8	1
January 2041	75	16	2	0	0	71	10	0	0	0	241	241	70	5	1
January 2042	72	14	1	0	0	68	8	0	0	0	254	254	52	3	0
January 2043	69	12	1	0	0	64	5	0	0	0	269	269	39	2	0
January 2044	66	10	1	0	0	60	3	0	0	0	284	284	29	1	0
January 2045	62	9	1	0	0	56	1	0	0	0	300	300	21	1	0
January 2046	58	7	0	0	0	51	0	0	0	0	317	280	15	1	0
January 2047	53	6	0	0	0	46	0	0	0	0	334	230	11	0	0
January 2048	49	5	0	0	0	41	0	0	0	0	353	184	8	0	0
January 2049	43	4	0	0	0	35	0	0	0	0	373	143	5	0	0
January 2050	37	3	0	0	0	28	0	0	0	0	394	106	3	0	0
January 2051	31	2	0	0	0	21	0	0	0	0	417	73	2	0	0
January 2052	24	1	0	0	0	14	0	0	0	0	440	43	1	0	0
January 2053	17	0	0	0	0	5	0	0	0	0	465	16	0	0	0
January 2054	9	0	0	0	0	0	0	0	0	0	348	0	0	0	0
January 2055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	20.8	8.6	4.4	2.8	2.2	19.4	7.6	3.8	2.5	2.0	29.3	24.0	15.7	10.5	8.2

**Security Group 16
PSA Prepayment Assumption Rates**

Distribution Date	Class E					Class EA					Class ET				
	0%	100%	199%	300%	400%	0%	100%	199%	300%	400%	0%	100%	199%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	97	90	83	75	68	95	85	76	66	56	99	93	88	82	76
January 2027	95	80	66	53	41	90	71	53	36	20	98	87	76	67	57
January 2028	92	70	52	35	21	85	57	32	11	0	97	81	67	54	43
January 2029	89	61	39	20	6	79	43	14	0	0	96	75	58	44	32
January 2030	85	53	27	8	0	73	30	0	0	0	95	70	51	35	24
January 2031	82	44	17	0	0	67	17	0	0	0	94	65	44	29	18
January 2032	79	36	8	0	0	60	5	0	0	0	92	60	38	23	14
January 2033	75	29	0	0	0	54	0	0	0	0	91	56	33	19	10
January 2034	71	21	0	0	0	46	0	0	0	0	90	52	29	15	8
January 2035	67	14	0	0	0	39	0	0	0	0	88	48	25	12	6
January 2036	63	7	0	0	0	31	0	0	0	0	87	44	22	10	4
January 2037	58	0	0	0	0	23	0	0	0	0	85	41	19	8	3
January 2038	54	0	0	0	0	14	0	0	0	0	83	37	16	6	2
January 2039	49	0	0	0	0	5	0	0	0	0	82	34	14	5	2
January 2040	44	0	0	0	0	0	0	0	0	0	80	32	12	4	1
January 2041	38	0	0	0	0	0	0	0	0	0	78	29	10	3	1
January 2042	33	0	0	0	0	0	0	0	0	0	76	26	9	3	1
January 2043	27	0	0	0	0	0	0	0	0	0	73	24	7	2	1
January 2044	21	0	0	0	0	0	0	0	0	0	71	22	6	2	0
January 2045	14	0	0	0	0	0	0	0	0	0	69	20	5	1	0
January 2046	7	0	0	0	0	0	0	0	0	0	66	18	5	1	0
January 2047	0	0	0	0	0	0	0	0	0	0	64	16	4	1	0
January 2048	0	0	0	0	0	0	0	0	0	0	61	15	3	1	0
January 2049	0	0	0	0	0	0	0	0	0	0	58	13	3	0	0
January 2050	0	0	0	0	0	0	0	0	0	0	55	12	2	0	0
January 2051	0	0	0	0	0	0	0	0	0	0	51	10	2	0	0
January 2052	0	0	0	0	0	0	0	0	0	0	48	9	2	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	44	8	1	0	0
January 2054	0	0	0	0	0	0	0	0	0	0	41	7	1	0	0
January 2055	0	0	0	0	0	0	0	0	0	0	37	6	1	0	0
January 2056	0	0	0	0	0	0	0	0	0	0	32	5	1	0	0
January 2057	0	0	0	0	0	0	0	0	0	0	28	4	0	0	0
January 2058	0	0	0	0	0	0	0	0	0	0	23	3	0	0	0
January 2059	0	0	0	0	0	0	0	0	0	0	19	2	0	0	0
January 2060	0	0	0	0	0	0	0	0	0	0	13	2	0	0	0
January 2061	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0
January 2062	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0
January 2063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2064	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	12.9	5.6	3.4	2.4	1.8	8.1	3.6	2.2	1.6	1.2	24.3	11.8	7.0	4.8	3.6

**Security Group 16
PSA Prepayment Assumption Rates**

Distribution Date	Class EZ					Class ZT					Class ZY				
	0%	100%	199%	300%	400%	0%	100%	199%	300%	400%	0%	100%	199%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105
January 2027	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109
January 2028	114	114	114	114	114	114	114	114	114	103	114	114	114	114	89
January 2029	120	120	120	120	120	120	120	120	105	78	120	120	120	85	23
January 2030	125	125	125	125	103	125	125	121	85	58	125	125	115	33	0
January 2031	131	131	131	122	78	131	131	105	69	44	131	131	71	0	0
January 2032	137	137	137	99	58	137	137	91	56	33	137	137	32	0	0
January 2033	143	143	140	80	44	143	133	79	45	25	143	120	0	0	0
January 2034	150	150	122	64	33	150	123	69	36	18	150	89	0	0	0
January 2035	157	157	106	52	24	157	114	59	29	14	157	59	0	0	0
January 2036	164	164	91	42	18	164	105	51	24	10	164	29	0	0	0
January 2037	171	171	79	34	14	171	97	44	19	8	171	1	0	0	0
January 2038	179	159	68	27	10	179	89	38	15	6	179	0	0	0	0
January 2039	188	146	59	22	8	188	82	33	12	4	188	0	0	0	0
January 2040	196	134	50	17	6	191	76	28	10	3	183	0	0	0	0
January 2041	205	123	43	14	4	186	69	24	8	2	161	0	0	0	0
January 2042	215	112	37	11	3	181	63	21	6	2	137	0	0	0	0
January 2043	224	103	32	9	2	176	58	18	5	1	113	0	0	0	0
January 2044	235	93	27	7	2	170	53	15	4	1	87	0	0	0	0
January 2045	246	85	23	6	1	164	48	13	3	1	60	0	0	0	0
January 2046	257	77	20	4	1	158	43	11	2	1	31	0	0	0	0
January 2047	269	69	17	3	1	152	39	9	2	0	1	0	0	0	0
January 2048	258	62	14	3	0	145	35	8	2	0	0	0	0	0	0
January 2049	245	56	12	2	0	138	31	7	1	0	0	0	0	0	0
January 2050	232	50	10	2	0	131	28	5	1	0	0	0	0	0	0
January 2051	218	44	8	1	0	123	25	5	1	0	0	0	0	0	0
January 2052	204	38	7	1	0	115	22	4	1	0	0	0	0	0	0
January 2053	188	33	5	1	0	106	19	3	0	0	0	0	0	0	0
January 2054	172	29	4	1	0	97	16	2	0	0	0	0	0	0	0
January 2055	156	24	3	0	0	88	14	2	0	0	0	0	0	0	0
January 2056	138	20	3	0	0	78	11	2	0	0	0	0	0	0	0
January 2057	119	16	2	0	0	67	9	1	0	0	0	0	0	0	0
January 2058	99	13	2	0	0	56	7	1	0	0	0	0	0	0	0
January 2059	79	10	1	0	0	44	5	1	0	0	0	0	0	0	0
January 2060	57	7	1	0	0	32	4	0	0	0	0	0	0	0	0
January 2061	34	4	0	0	0	19	2	0	0	0	0	0	0	0	0
January 2062	10	1	0	0	0	6	1	0	0	0	0	0	0	0	0
January 2063	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2064	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
January 2065	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	30.7	21.3	14.4	10.4	7.9	28.1	17.7	11.6	8.2	6.2	18.5	9.7	6.3	4.5	3.5

**Security Group 17
PSA Prepayment Assumption Rates**

Distribution Date	Classes AE and WA					Class AW					Classes FW, SW, WF and WS				
	0%	100%	150%	300%	400%	0%	100%	150%	300%	400%	0%	100%	150%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	97	89	85	73	65	98	92	89	79	73	98	92	89	81	75
January 2027	94	79	72	52	39	96	84	78	62	53	96	85	80	65	56
January 2028	90	69	59	34	20	94	77	69	49	37	94	78	71	52	41
January 2029	87	60	48	19	5	91	70	60	38	26	92	72	63	42	31
January 2030	83	51	38	7	0	89	63	53	29	17	90	66	56	33	23
January 2031	80	43	29	0	0	86	57	46	21	11	88	61	50	27	17
January 2032	76	35	20	0	0	84	52	40	15	6	86	56	44	21	13
January 2033	72	28	13	0	0	81	46	34	11	2	83	51	39	17	9
January 2034	67	21	6	0	0	78	41	29	7	0	81	46	34	14	7
January 2035	63	15	0	0	0	75	37	24	4	0	78	42	30	11	5
January 2036	58	9	0	0	0	72	32	20	1	0	75	38	27	8	4
January 2037	53	3	0	0	0	68	28	17	0	0	72	34	23	7	3
January 2038	48	0	0	0	0	65	24	13	0	0	69	31	20	5	2
January 2039	43	0	0	0	0	61	21	10	0	0	65	27	17	4	1
January 2040	37	0	0	0	0	57	17	7	0	0	62	24	15	3	1
January 2041	31	0	0	0	0	53	14	5	0	0	58	22	13	2	1
January 2042	25	0	0	0	0	49	11	3	0	0	54	19	11	2	1
January 2043	19	0	0	0	0	44	8	1	0	0	50	16	9	1	0
January 2044	12	0	0	0	0	39	6	0	0	0	46	14	8	1	0
January 2045	5	0	0	0	0	34	3	0	0	0	41	12	6	1	0
January 2046	0	0	0	0	0	29	1	0	0	0	37	10	5	1	0
January 2047	0	0	0	0	0	24	0	0	0	0	32	8	4	0	0
January 2048	0	0	0	0	0	18	0	0	0	0	26	6	3	0	0
January 2049	0	0	0	0	0	12	0	0	0	0	21	5	2	0	0
January 2050	0	0	0	0	0	5	0	0	0	0	15	3	1	0	0
January 2051	0	0	0	0	0	0	0	0	0	0	9	2	1	0	0
January 2052	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	11.9	5.5	4.2	2.3	1.8	15.5	8.4	6.5	3.6	2.7	16.7	9.7	7.7	4.5	3.4

**Security Group 17
PSA Prepayment Assumption Rates**

Distribution Date	Class TZ					Class WZ					Class ZW				
	0%	100%	150%	300%	400%	0%	100%	150%	300%	400%	0%	100%	150%	300%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
January 2026	102	102	102	102	102	102	102	102	102	102	102	102	102	102	102
January 2027	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
January 2028	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
January 2029	108	108	108	108	108	108	108	108	108	108	108	108	108	108	108
January 2030	111	111	111	111	84	111	111	111	111	90	111	111	111	111	111
January 2031	113	113	113	104	53	113	113	113	106	67	113	113	113	113	113
January 2032	115	115	115	75	29	115	115	115	84	50	115	115	115	115	115
January 2033	117	117	117	51	11	117	117	117	67	37	117	117	117	117	117
January 2034	120	120	120	33	0	120	120	120	53	27	120	120	120	120	113
January 2035	122	122	119	17	0	122	122	120	42	20	122	122	122	122	83
January 2036	125	125	99	5	0	125	125	105	33	14	125	125	125	125	61
January 2037	127	127	81	0	0	127	127	92	26	11	127	127	127	110	44
January 2038	130	119	64	0	0	130	121	80	21	8	130	130	130	86	32
January 2039	132	101	49	0	0	132	109	69	16	6	132	132	132	67	23
January 2040	135	85	36	0	0	135	97	59	12	4	135	135	135	52	17
January 2041	138	69	24	0	0	138	85	51	10	3	138	138	138	40	12
January 2042	140	54	13	0	0	140	75	43	7	2	140	140	140	31	8
January 2043	143	41	3	0	0	143	65	36	6	1	143	143	143	23	6
January 2044	146	28	0	0	0	146	56	30	4	1	146	146	126	17	4
January 2045	149	15	0	0	0	149	47	25	3	1	149	149	104	13	3
January 2046	142	4	0	0	0	145	39	20	2	0	152	152	84	9	2
January 2047	115	0	0	0	0	125	32	16	2	0	155	134	66	7	1
January 2048	87	0	0	0	0	104	25	12	1	0	158	105	50	5	1
January 2049	58	0	0	0	0	82	19	9	1	0	162	78	36	3	0
January 2050	26	0	0	0	0	60	13	6	0	0	165	53	24	2	0
January 2051	0	0	0	0	0	35	7	3	0	0	148	30	13	1	0
January 2052	0	0	0	0	0	10	2	1	0	0	43	8	3	0	0
January 2053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average															
Life (years)	23.4	16.5	13.5	8.1	6.2	24.2	18.7	15.9	10.0	7.7	26.6	24.2	22.0	15.2	12.0

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 and
- in the case of a Floating Rate, an Inverse Floating Rate or a Toggle 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, 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, 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, Inverse Floating Rate and Toggle Classes

Low levels of 30-day Average SOFR can reduce the yield of the Floating Rate and, under certain circumstances, Toggle Classes. High levels of 30-day Average SOFR can significantly reduce the yield of the Inverse Floating Rate and, under certain circumstances, Toggle Classes. In addition, the Floating Rate Classes will not necessarily benefit from a higher yield at high 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 Classes

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

Yield Tables

The following tables show the pre-tax yields to maturity on a corporate bond equivalent basis of specified Classes at various constant percentages of PSA and, in the case of the Inverse Floating Rate and Toggle 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, 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 and Toggle 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 is as indicated in the related table. **The assumed purchase price is not necessarily that at which actual sales will occur.**

SECURITY GROUP 1

**Sensitivity of Class QS to Prepayments
Assumed Price 3.48437%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>200%</u>	<u>431%</u>	<u>700%</u>	<u>900%</u>
3.59556%	65.3%	49.0%	28.4%	11.7%
4.59556%	31.3%	15.5%	(4.4)%	(20.7)%
5.32278%	7.8%	(7.6)%	(27.2)%	(43.4)%
6.05000% and above	**	**	**	**

SECURITY GROUP 2

**Sensitivity of Class BI to Prepayments
Assumed Price 21.0%***

<u>PSA Prepayment Assumption Rates</u>				
<u>125%</u>	<u>160%</u>	<u>225%</u>	<u>400%</u>	<u>467%</u>
15.3%	15.3%	15.3%	4.8%	0.1%

**Sensitivity of Class SB to Prepayments
Assumed Price 4.265625%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>125%</u>	<u>160%</u>	<u>225%</u>	<u>400%</u>
3.51928%	56.1%	54.6%	51.6%	43.7%
4.51928%	28.2%	26.4%	23.2%	14.3%
5.23464%	8.7%	6.8%	3.3%	(6.6)%
5.95000% and above	**	**	**	**

**Sensitivity of Class US to Prepayments
Assumed Price 4.46875%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>125%</u>	<u>160%</u>	<u>225%</u>	<u>400%</u>
3.51928%	55.7%	54.2%	51.2%	43.3%
4.51928%	29.0%	27.3%	24.1%	15.2%
5.28464%	9.1%	7.3%	3.7%	(6.1)%
6.05000% and above	**	**	**	**

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

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

SECURITY GROUP 3

**Sensitivity of Class MS to Prepayments
Assumed Price 4.640625%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>360%</u>	<u>600%</u>	<u>800%</u>
3.4828%	65.4%	50.9%	33.1%	17.1%
4.4828%	39.6%	25.5%	8.2%	(7.4)%
5.5514%	13.4%	(0.3)%	(17.2)%	(32.7)%
6.6200% and above	**	**	**	**

**Sensitivity of Class SI to Prepayments
Assumed Price 2.109375%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>360%</u>	<u>600%</u>	<u>800%</u>
3.4828%	82.1%	67.2%	49.0%	32.8%
4.4828%	25.5%	11.6%	(5.5)%	(21.0)%
4.8414%	6.5%	(7.1)%	(23.9)%	(39.4)%
5.2000% and above	**	**	**	**

SECURITY GROUP 5

**Sensitivity of Class SY to Prepayments
Assumed Price 2.21875%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>390%</u>	<u>600%</u>	<u>800%</u>
3.4828%	95.9%	84.2%	73.5%	63.1%
4.4828%	39.3%	26.5%	14.8%	3.3%
4.9664%	14.0%	0.1%	(12.7)%	(25.5)%
5.4500% and above	**	**	**	**

SECURITY GROUP 6

**Sensitivity of Class YS to Prepayments
Assumed Price 4.203125%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>200%</u>	<u>431%</u>	<u>700%</u>	<u>900%</u>
3.46074%	34.0%	21.4%	6.2%	(5.7)%
4.46074%	6.4%	(7.2)%	(24.1)%	(37.6)%
4.85537%	(5.0)%	(19.0)%	(36.8)%	(51.4)%
5.25000% and above	**	**	**	**

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

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

SECURITY GROUP 7

Sensitivity of Class MG to Prepayments Assumed Price 99.53125%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>140%</u>	<u>170%</u>	<u>200%</u>	<u>400%</u>
3.46074%	7.2%	7.2%	7.2%	7.2%
4.46074%	8.2%	8.2%	8.2%	8.3%
4.85537%	8.6%	8.6%	8.6%	8.7%
5.25000%	9.0%	9.0%	9.0%	9.1%
5.92500%	4.5%	4.5%	4.5%	4.6%
6.60000% and above	0.1%	0.1%	0.1%	0.2%

Sensitivity of Class SG to Prepayments Assumed Price 3.84375%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>140%</u>	<u>170%</u>	<u>200%</u>	<u>400%</u>
3.46074%	42.4%	41.0%	39.6%	30.1%
4.46074%	12.2%	10.6%	9.0%	(2.0)%
4.85537%	(0.2)%	(1.9)%	(3.5)%	(15.2)%
5.25000% and above	**	**	**	**

Sensitivity of Class SN to Prepayments Assumed Price 3.6875%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>140%</u>	<u>170%</u>	<u>200%</u>	<u>400%</u>
3.46074%	41.5%	40.1%	38.7%	29.1%
4.46074%	10.0%	8.4%	6.8%	(4.3)%
4.80537%	(1.4)%	(3.1)%	(4.8)%	(16.4)%
5.15000% and above	**	**	**	**

SECURITY GROUP 9

Sensitivity of Class BS to Prepayments Assumed Price 2.453125%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>355%</u>	<u>600%</u>	<u>800%</u>
3.44937%	75.3%	66.0%	54.7%	45.2%
4.44937%	25.8%	15.1%	1.8%	(9.5)%
4.84969%	6.8%	(4.8)%	(19.5)%	(32.1)%
5.25000% and above	**	**	**	**

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

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

SECURITY GROUP 10

**Sensitivity of Class AS to Prepayments
Assumed Price 8.5625%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>500%</u>
3.46074%	23.6%	17.1%	6.9%	1.1%
4.46074%	10.4%	3.6%	(7.1)%	(13.2)%
5.21037%	(0.3)%	(7.2)%	(18.1)%	(24.5)%
5.96000% and above	**	**	**	**

**Sensitivity of Class HS to Prepayments
Assumed Price 9.125%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>500%</u>
3.46074%	21.7%	15.3%	5.2%	(0.5)%
4.46074%	9.2%	2.5%	(8.0)%	(14.1)%
5.21037%	(1.0)%	(7.8)%	(18.7)%	(24.9)%
5.96000% and above	**	**	**	**

**Sensitivity of Class SE to Prepayments
Assumed Price 7.5625%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>500%</u>
3.46074%	27.9%	21.3%	11.0%	5.1%
4.46074%	12.9%	6.1%	(4.6)%	(10.8)%
5.21037%	1.1%	(5.8)%	(16.8)%	(23.2)%
5.96000% and above	**	**	**	**

**Sensitivity of Class SJ to Prepayments
Assumed Price 8.125%***

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>500%</u>
3.46074%	24.1%	16.2%	3.6%	(3.7)%
4.46074%	10.5%	2.8%	(9.4)%	(16.6)%
5.21037%	(0.5)%	(8.0)%	(19.9)%	(26.8)%
5.96000% and above	**	**	**	**

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

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

Sensitivity of Class SK to Prepayments
Assumed Price 8.125%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>500%</u>
3.46074%	25.2%	18.6%	8.2%	2.3%
4.46074%	11.3%	4.5%	(6.3)%	(12.5)%
5.21037%	0.2%	(6.7)%	(17.8)%	(24.2)%
5.96000% and above	**	**	**	**

Sensitivity of Class SL to Prepayments
Assumed Price 7.8848125%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>219%</u>	<u>400%</u>	<u>500%</u>
3.46074%	26.0%	19.0%	8.0%	1.7%
4.46074%	11.7%	4.7%	(6.5)%	(13.0)%
5.21037%	0.4%	(6.7)%	(18.0)%	(24.5)%
5.96000% and above	**	**	**	**

SECURITY GROUP 11

Sensitivity of Class DS to Prepayments
Assumed Price 2.03125%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>360%</u>	<u>600%</u>	<u>800%</u>
3.43799%	89.1%	74.1%	55.8%	39.4%
4.43799%	29.6%	15.6%	(1.5)%	(17.1)%
4.81900%	8.5%	(5.1)%	(22.0)%	(37.4)%
5.20000% and above	**	**	**	**

Sensitivity of Class GS to Prepayments
Assumed Price 5.59375%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>360%</u>	<u>600%</u>	<u>800%</u>
3.43799%	62.9%	48.4%	30.6%	14.7%
4.43799%	41.5%	27.3%	10.0%	(5.7)%
5.76900%	14.3%	0.6%	(16.4)%	(31.8)%
7.10000% and above	**	**	**	**

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

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

Sensitivity of Class JS to Prepayments
Assumed Price 5.59375%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>360%</u>	<u>600%</u>	<u>800%</u>
3.43799%	64.0%	49.5%	31.7%	15.8%
4.43799%	42.5%	28.4%	11.0%	(4.7)%
5.79400%	14.8%	1.1%	(15.9)%	(31.3)%
7.15000% and above	**	**	**	**

SECURITY GROUPS 3 AND 11

Sensitivity of Class ST to Prepayments
Assumed Price 2.0625%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>360%</u>	<u>600%</u>	<u>800%</u>
3.45844%	86.0%	71.1%	52.8%	36.5%
4.45844%	27.8%	13.9%	(3.3)%	(18.8)%
4.82922%	7.6%	(6.0)%	(22.9)%	(38.3)%
5.20000% and above	**	**	**	**

SECURITY GROUP 13

Sensitivity of Class JI to Prepayments
Assumed Price 18.75%*

<u>PSA Prepayment Assumption Rates</u>				
<u>175%</u>	<u>250%</u>	<u>300%</u>	<u>500%</u>	<u>691%</u>
20.8%	20.8%	20.8%	11.0%	0.0%

SECURITY GROUP 14

Sensitivity of Class HI to Prepayments
Assumed Price 20.0%*

<u>PSA Prepayment Assumption Rates</u>				
<u>125%</u>	<u>160%</u>	<u>225%</u>	<u>400%</u>	<u>411%</u>
13.2%	13.2%	13.2%	0.9%	0.0%

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

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

Sensitivity of Class SH to Prepayments
Assumed Price 8.09375%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>125%</u>	<u>160%</u>	<u>225%</u>	<u>400%</u>
3.46074%	34.2%	32.5%	29.3%	20.6%
4.46074%	19.8%	18.0%	14.7%	5.4%
5.53037%	4.4%	2.5%	(1.1)%	(11.2)%
6.60000% and above	**	**	**	**

SECURITY GROUP 15

Sensitivity of Class SQ to Prepayments
Assumed Price 4.578125%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>150%</u>	<u>350%</u>	<u>550%</u>	<u>700%</u>
3.39619%	68.5%	54.6%	39.8%	28.1%
4.39619%	42.1%	28.7%	14.4%	2.9%
5.49809%	14.6%	1.6%	(12.4)%	(23.6)%
6.60000% and above	**	**	**	**

SECURITY GROUP 17

Sensitivity of Class SW to Prepayments
Assumed Price 7.625%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>150%</u>	<u>300%</u>	<u>400%</u>
3.39619%	26.9%	23.3%	12.2%	4.4%
4.39619%	12.5%	9.2%	(1.3)%	(8.6)%
5.19810%	0.4%	(2.8)%	(12.7)%	(19.7)%
6.00000% and above	**	**	**	**

Sensitivity of Class WS to Prepayments
Assumed Price 7.5%*

<u>30-day Average SOFR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>100%</u>	<u>150%</u>	<u>300%</u>	<u>400%</u>
3.39619%	26.0%	22.5%	11.4%	3.6%
4.39619%	11.4%	8.1%	(2.4)%	(9.6)%
5.14809%	(0.3)%	(3.4)%	(13.3)%	(20.3)%
5.90000% and above	**	**	**	**

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

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

CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections

In the opinion of Cleary Gottlieb Steen & Hamilton LLP, the Trust will constitute a Double REMIC Series as to the Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Trust Assets and a Single REMIC Series as to the Group 16 Trust Assets, each for United States federal income tax purposes. Separate REMIC elections will be made for the Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Pooling REMIC, the Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Issuing REMIC and the Group 16 REMIC.

Regular Securities

The Regular Securities will be treated as debt instruments issued by the Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Issuing REMIC or the Group 16 REMIC, as applicable, for United States federal income tax purposes. Income on the Regular Securities must be reported under an accrual method of accounting.

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

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

<u>Group(s)</u>	<u>PSA</u>
1 and 6	431%
2 and 14	160%
3 and 11	360%
4	203%
5	390%
7	170%
8	88%
9	355%
10	219%
12	236%
13	250%
15	350%
16	199%
17	150%

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

Each Class of Residual Securities will represent the beneficial ownership of the Residual Interest in the related Trust REMIC or Trust REMICs, as shown below:

<u>Residual Securities</u>	<u>Trust REMIC</u>
Class RR Securities	Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Pooling REMIC and Group 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 17 Issuing REMIC
Class R16 Securities	Group 16 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 related Trust REMIC or Trust REMICs, as applicable, and these requirements will continue until there are no outstanding regular interests in the respective Trust REMIC or Trust REMICs, as applicable. Thus, Residual Holders will have taxable income attributable to the Residual Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders. Even though the Holders of the Residual Securities are not entitled to any stated principal or interest payments on the Residual Securities, the related Trust REMIC or Trust REMICs, as applicable, may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, the Holders of the Residual Securities may experience substantial adverse tax timing consequences. Prospective investors are urged to consult their own tax advisors and consider the after-tax effect of ownership of the Residual Securities and the suitability of the Residual Securities to their investment objectives.

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

MX Securities

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

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

ERISA MATTERS

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

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

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

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

See “ERISA Considerations” in the Base Offering Circular.

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

LEGAL INVESTMENT CONSIDERATIONS

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

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

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

PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer the Regular and MX Classes to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest from (1) January 1, 2025 on the Fixed Rate Classes and (2) January 20, 2025 on the Floating Rate, Inverse Floating Rate and Toggle 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.

Schedule I

Available Combinations(1)

Class	REMIC Securities		MX Securities						
	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 2									
Combination 1									
BV	\$ 6,155,000	LB	\$ 13,689,000	SEQ	5.50%	FIX	38385BZZ9	December 2054	
BZ	7,534,000								
Combination 2									
BC	\$ 19,176,000	B	\$ 86,311,000	SEQ	5.50%	FIX	38385BZ37	May 2053	
BP	67,135,000								
Combination 3(5)									
BP	\$ 67,135,000	BD	\$ 67,135,000	PAC	3.50%	FIX	38385BZ45	May 2053	
		BE	67,135,000	PAC	4.00	FIX	38385BZ52	May 2053	
		BG	67,135,000	PAC	4.50	FIX	38385BZ60	May 2053	
		BH	67,135,000	PAC	5.00	FIX	38385BZ78	May 2053	
		BI	22,378,333	NTL(PAC)	6.00	FIX/IO	38385BZ86	May 2053	
Combination 4									
FB	\$ 50,000,000	UF	\$ 50,000,000	PT	(6)	FLT	38385BZ94	December 2054	
SB	50,000,000	US	50,000,000	NTL(PT)	(6)	INV/IO	38385B2A7	December 2054	
Security Group 7									
Combination 5									
PV	\$ 6,500,724	PL	\$ 14,457,155	PAC	5.50%	FIX	38385B2B5	January 2055	
PZ	7,956,431								
Combination 6									
FG	\$129,674,562	FN	\$129,674,562	PT	(6)	FLT	38385B2C3	January 2055	
SG	129,674,562	SN	129,674,562	NTL(PT)	(6)	INV/IO	38385B2D1	January 2055	
Combination 7									
FG	\$129,674,562	FM	\$112,384,621	PT	(6)	FLT	38385B2E9	January 2055	
		MG	17,289,941	PT	(6)	T	38385B2F6	January 2055	

REMIC Securities		MX Securities						
Class	Original Class Principal Balance or Class Notional Balance	Related MX Class	Maximum Original Class or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 10								
Combination 8								
AX	\$ 23,907,442	G	\$ 138,485,923	SEQ/AD	3.50%	FIX	38385B2G4	October 2048
EX	41,545,132							
HX	16,058,663							
JX	29,549,600							
KX	27,425,086							
Combination 9								
ZA	\$ 6,491,747	Z	\$ 35,375,876	SEQ	3.50%	FIX/Z	38385B2H2	January 2055
ZE	10,982,611							
ZH	4,386,218							
ZJ	6,327,154							
ZK	7,188,146							
Combination 10								
AF	\$ 40,532,251	F	\$ 231,815,729	PT	(6)	FLT	38385B2J8	January 2055
EF	70,036,990							
FJ	47,835,672							
FK	46,150,976							
HF	27,259,840							
Combination 11								
SE	\$ 70,036,990	SL	\$ 164,023,638	NIL(PT)	(6)	INV/IO	38385B2K5	January 2055
SJ	47,835,672							
SK	46,150,976							
Security Group 11								
Combination 12								
GF	\$ 44,680,090	JF	\$ 44,680,090	PT	(6)	FLT	38385B2L3	December 2053
GS	44,680,090	JS	44,680,090	NIL(PT)	(6)	INV/IO	38385B2M1	December 2053
Security Groups 3 and 11								
Combination 13(7)								
ZD	\$ 9,573,455	ZX	\$ 17,373,455	SUP	(6)	FLT/Z(8)	38385B2N9	January 2055
ZF	7,800,000							

REMIC Securities

MX Securities

Class	Original Class Principal Balance or Class Notional Balance		Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)		Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
	Principal Balance	Notional Balance		Principal Balance	Notional Balance					
Combination 14(7)										
DS	\$ 59,573,455		ST	\$ 109,573,455		NTL(PT)	(6)	INV/IO	38385B2P4	January 2055
SI	50,000,000									
Security Group 14										
Combination 15										
HV	\$ 12,878,522		LH	\$ 28,640,000		SEQ	5.50%	FIX	38385B2Q2	January 2055
HZ	15,761,478									
Combination 16										
CH	\$ 23,052,000		H	\$ 91,360,000		SEQ	5.50%	FIX	38385B2R0	November 2051
HP	68,308,000									
Combination 17(5)										
HP	\$ 68,308,000		HA	\$ 68,308,000		PAC	3.50%	FIX	38385B2S8	November 2051
			HB	68,308,000		PAC	4.00	FIX	38385B2T6	November 2051
			HC	68,308,000		PAC	4.50	FIX	38385B2U3	November 2051
			HD	68,308,000		PAC	5.00	FIX	38385B2V1	November 2051
			HI	22,769,333		NTL(PAC)	6.00	FIX/IO	38385B2W9	November 2051
Combination 18										
CH	\$ 23,052,000		HT	\$ 120,000,000		PT	5.50%	FIX	38385B2X7	January 2055
HP	68,308,000									
HV	12,878,522									
HZ	15,761,478									
Security Group 16										
Combination 19										
EZ	\$ 33,772,101		ZT	\$ 59,916,803		SEQ	4.50%	FIX/Z	38385B2Y5	May 2064
ZY	26,144,702									
Combination 20										
EA	\$ 83,317,028		E	\$ 109,461,730		SEQ/AD	4.50%	FIX	38385B2Z2	October 2048
ZY	26,144,702									
Combination 21										
EA	\$ 83,317,028		ET	\$ 143,233,831		PT	4.50%	FIX	38385B3A6	May 2064
EZ	33,772,101									
ZY	26,144,702									

REMIC Securities

MX Securities

Class	Original Class		Related MX Class	Maximum Original Class		Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
	Principal Balance	or Class Notional Balance		Principal Balance	or Class Notional Balance(2)					
Security Group 17										
Combination 22										
TZ	\$ 16,741,256		AW	\$ 81,649,667		SEQ/AD	2.00%	FIX	38385B3B4	August 2052
WA	64,908,411									
Combination 23										
TZ	\$ 16,741,256		WZ	\$ 21,994,291		SEQ	2.00%	FIX/Z	38385B3C2	August 2052
ZW	5,253,035									
Combination 24										
WF	\$ 86,902,701		FW	\$ 86,902,701		PT	(6)	FLT	38385B3D0	August 2052
WS	86,902,701		SW	86,902,701		NIL(PT)	(6)	INV/IO	38385B3E8	August 2052
Combination 25										
WA	\$ 64,908,411		AE	\$ 64,908,411		SEQ/AD	2.00%	FIX	38385B3F5	April 2048

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

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

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

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

(5) In the case of Combinations 3 and 17, various subcombinations are permitted. See “Description of the Securities — Modification and Exchange” in the Base Offering Circular for a discussion of subcombinations.

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

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

(8) For additional discussion regarding the effect of 30-day Average SOFR on the rate of principal payments on these Securities, see “Risk Factors — The rate of principal payments on certain group 3, 5 and 11 classes will be sensitive to 30-day Average SOFR,” “Yield, Maturity and Prepayment Considerations — Securities that Receive Principal on the Basis of Schedules” and “—Decrement Tables” in this Supplement.

Schedule II

SCHEDULED PRINCIPAL BALANCES

<u>Distribution Date</u>	<u>Class BP</u>	<u>Class KF</u>	<u>Class TF</u>	<u>Classes P, PV and PZ (in the aggregate)</u>
Initial Balance	\$67,135,000.00	\$42,200,000.00	\$50,000,000.00	\$114,457,155.00
February 2025	67,001,888.02	41,635,979.51	49,671,961.88	114,279,576.24
March 2025	66,847,465.70	41,040,598.55	49,296,455.25	114,071,108.02
April 2025	66,671,775.61	40,414,716.91	48,873,718.24	113,831,809.14
May 2025	66,474,874.01	39,759,258.64	48,404,091.32	113,561,760.52
June 2025	66,256,830.83	39,075,209.83	47,888,017.50	113,261,065.29
July 2025	66,017,729.67	38,363,616.13	47,326,042.28	112,929,848.67
August 2025	65,757,667.78	37,625,580.11	46,718,813.15	112,568,258.03
September 2025	65,476,755.97	36,862,258.34	46,067,078.77	112,176,462.76
October 2025	65,175,118.62	36,074,858.31	45,371,687.78	111,754,654.20
November 2025	64,852,893.55	35,264,635.13	44,633,587.20	111,303,045.49
December 2025	64,510,231.95	34,432,888.01	43,853,820.49	110,821,871.49
January 2026	64,147,298.31	33,580,956.65	43,033,555.83	110,311,388.51
February 2026	63,764,270.25	32,710,217.37	42,174,035.72	109,771,874.20
March 2026	63,361,338.41	31,822,079.20	41,276,584.12	109,203,627.27
April 2026	62,938,706.34	30,917,979.73	40,342,635.60	108,606,967.26
May 2026	62,496,590.27	29,999,380.95	39,373,681.39	107,982,234.23
June 2026	62,035,219.00	29,067,764.93	38,371,275.18	107,329,788.51
July 2026	61,554,833.68	28,156,491.40	37,337,043.41	106,650,010.32
August 2026	61,055,687.61	27,265,091.72	36,272,691.65	105,943,299.46
September 2026	60,538,046.04	26,393,107.86	35,180,092.45	105,210,074.89
October 2026	60,002,185.94	25,540,092.15	34,061,507.75	104,450,774.36
November 2026	59,448,395.73	24,705,607.03	32,919,369.86	103,665,853.96
December 2026	58,876,975.06	23,889,224.86	31,755,736.43	102,855,787.70
January 2027	58,288,234.53	23,090,527.68	30,573,503.07	102,021,067.01
February 2027	57,682,495.43	22,309,106.95	29,376,542.61	101,162,200.27
March 2027	57,060,089.39	21,544,563.41	28,168,012.93	100,279,712.28
April 2027	56,421,358.17	20,796,506.81	26,969,268.63	99,374,143.76
May 2027	55,766,653.28	20,064,555.76	25,792,080.07	98,446,050.75
June 2027	55,096,335.66	19,348,337.45	24,640,608.38	97,496,004.07
July 2027	54,430,460.93	18,647,487.56	23,514,906.73	96,553,100.07
August 2027	53,769,000.20	17,961,649.97	22,414,336.41	95,617,286.30
September 2027	53,111,924.79	17,290,476.65	21,338,274.13	94,688,510.73
October 2027	52,459,206.18	16,633,627.42	20,286,111.76	93,766,721.67
November 2027	51,810,816.06	15,990,769.82	19,257,255.84	92,851,867.82
December 2027	51,166,726.28	15,361,578.90	18,251,127.32	91,943,898.27
January 2028	50,526,908.90	14,745,737.06	17,267,161.14	91,042,762.47
February 2028	49,891,336.14	14,142,933.90	16,304,805.95	90,148,410.22
March 2028	49,259,980.40	13,552,866.04	15,363,523.73	89,260,791.73
April 2028	48,632,814.26	12,975,236.96	14,442,789.50	88,379,857.53
May 2028	48,009,810.50	12,409,756.85	13,542,090.96	87,505,558.53
June 2028	47,390,942.05	11,856,142.46	12,660,928.26	86,637,846.01
July 2028	46,776,182.02	11,314,116.96	11,798,813.60	85,776,671.58
August 2028	46,165,503.70	10,783,409.78	10,955,271.01	84,921,987.23

<u>Distribution Date</u>	<u>Class BP</u>	<u>Class KF</u>	<u>Class TF</u>	<u>Classes P, PV and PZ (in the aggregate)</u>
September 2028	\$45,558,880.55	\$10,263,756.46	\$10,129,836.03	\$ 84,073,745.28
October 2028	44,956,286.21	9,754,898.54	9,322,055.46	83,231,898.40
November 2028	44,357,694.47	9,256,583.40	8,531,487.05	82,396,399.62
December 2028	43,763,079.32	8,768,564.14	7,757,699.23	81,567,202.29
January 2029	43,172,414.90	8,290,599.45	7,000,270.91	80,744,260.13
February 2029	42,585,675.51	7,822,453.48	6,258,791.17	79,927,527.17
March 2029	42,002,835.63	7,363,895.71	5,532,859.01	79,116,957.80
April 2029	41,423,869.91	6,914,700.84	4,822,083.16	78,312,506.72
May 2029	40,848,753.15	6,474,648.67	4,126,081.79	77,514,128.97
June 2029	40,277,460.31	6,043,523.98	3,444,482.31	76,721,779.93
July 2029	39,709,966.54	5,621,116.43	2,776,921.13	75,935,415.28
August 2029	39,146,247.13	5,207,220.41	2,123,043.47	75,154,991.05
September 2029	38,586,277.52	4,801,635.01	1,482,503.10	74,380,463.58
October 2029	38,030,033.33	4,404,163.81	854,962.17	73,611,789.52
November 2029	37,477,490.33	4,014,614.87	240,090.99	72,848,925.86
December 2029	36,928,624.44	3,632,800.59	0.00	72,091,829.87
January 2030	36,383,411.76	3,258,537.59	0.00	71,340,459.17
February 2030	35,841,828.51	2,891,646.67	0.00	70,594,771.66
March 2030	35,303,851.09	2,531,952.65	0.00	69,854,725.55
April 2030	34,769,456.05	2,179,284.35	0.00	69,120,279.38
May 2030	34,238,620.08	1,833,474.42	0.00	68,391,391.96
June 2030	33,711,320.03	1,494,359.32	0.00	67,668,022.43
July 2030	33,187,532.90	1,161,779.21	0.00	66,950,130.21
August 2030	32,667,235.83	835,577.85	0.00	66,237,675.01
September 2030	32,150,406.13	515,602.53	0.00	65,530,616.86
October 2030	31,637,021.22	201,704.01	0.00	64,828,916.07
November 2030	31,127,058.71	0.00	0.00	64,132,533.22
December 2030	30,620,496.32	0.00	0.00	63,441,429.21
January 2031	30,117,311.94	0.00	0.00	62,755,565.20
February 2031	29,617,483.58	0.00	0.00	62,074,902.65
March 2031	29,120,989.41	0.00	0.00	61,399,403.29
April 2031	28,627,807.74	0.00	0.00	60,729,029.14
May 2031	28,137,917.00	0.00	0.00	60,063,742.49
June 2031	27,651,295.80	0.00	0.00	59,403,505.91
July 2031	27,167,922.84	0.00	0.00	58,748,282.24
August 2031	26,687,777.00	0.00	0.00	58,098,034.59
September 2031	26,210,837.26	0.00	0.00	57,452,726.35
October 2031	25,737,082.78	0.00	0.00	56,812,321.16
November 2031	25,266,492.81	0.00	0.00	56,176,782.93
December 2031	24,799,046.77	0.00	0.00	55,546,075.85
January 2032	24,334,724.19	0.00	0.00	54,920,164.36
February 2032	23,873,504.75	0.00	0.00	54,299,013.15
March 2032	23,415,368.24	0.00	0.00	53,682,587.18
April 2032	22,960,294.60	0.00	0.00	53,070,851.67
May 2032	22,508,263.90	0.00	0.00	52,463,772.08
June 2032	22,059,256.32	0.00	0.00	51,861,314.13
July 2032	21,613,252.19	0.00	0.00	51,263,443.80

Distribution Date	Class BP	Class KF	Class TF	Classes P, PV and PZ (in the aggregate)
August 2032	\$21,170,231.96	\$ 0.00	\$ 0.00	\$ 50,670,127.29
September 2032	20,730,176.20	0.00	0.00	50,081,331.08
October 2032	20,293,065.61	0.00	0.00	49,497,021.88
November 2032	19,858,881.03	0.00	0.00	48,917,166.64
December 2032	19,427,603.40	0.00	0.00	48,341,732.56
January 2033	18,999,213.80	0.00	0.00	47,770,687.06
February 2033	18,573,693.42	0.00	0.00	47,203,997.83
March 2033	18,151,023.58	0.00	0.00	46,641,632.76
April 2033	17,731,185.73	0.00	0.00	46,083,560.01
May 2033	17,314,161.42	0.00	0.00	45,529,747.95
June 2033	16,899,932.33	0.00	0.00	44,980,165.18
July 2033	16,488,480.27	0.00	0.00	44,434,780.54
August 2033	16,079,787.14	0.00	0.00	43,893,563.10
September 2033	15,673,834.98	0.00	0.00	43,356,482.14
October 2033	15,270,605.95	0.00	0.00	42,823,507.19
November 2033	14,870,082.30	0.00	0.00	42,294,607.96
December 2033	14,474,221.48	0.00	0.00	41,769,754.44
January 2034	14,083,465.81	0.00	0.00	41,249,864.66
February 2034	13,697,751.62	0.00	0.00	40,735,881.16
March 2034	13,317,016.07	0.00	0.00	40,227,739.31
April 2034	12,941,197.06	0.00	0.00	39,725,375.17
May 2034	12,570,233.26	0.00	0.00	39,228,725.51
June 2034	12,204,064.07	0.00	0.00	38,737,727.75
July 2034	11,842,629.67	0.00	0.00	38,252,320.00
August 2034	11,485,870.95	0.00	0.00	37,772,441.04
September 2034	11,133,729.53	0.00	0.00	37,298,030.30
October 2034	10,786,147.75	0.00	0.00	36,829,027.86
November 2034	10,443,068.64	0.00	0.00	36,365,374.45
December 2034	10,104,435.95	0.00	0.00	35,907,011.45
January 2035	9,770,194.12	0.00	0.00	35,453,880.85
February 2035	9,440,288.25	0.00	0.00	35,005,925.27
March 2035	9,114,664.14	0.00	0.00	34,563,087.96
April 2035	8,793,268.23	0.00	0.00	34,125,312.76
May 2035	8,476,047.64	0.00	0.00	33,692,544.15
June 2035	8,162,950.13	0.00	0.00	33,264,727.17
July 2035	7,853,924.09	0.00	0.00	32,841,807.47
August 2035	7,548,918.56	0.00	0.00	32,423,731.29
September 2035	7,247,883.19	0.00	0.00	32,010,445.43
October 2035	6,950,768.28	0.00	0.00	31,601,897.29
November 2035	6,657,524.71	0.00	0.00	31,198,034.83
December 2035	6,368,103.96	0.00	0.00	30,798,806.54
January 2036	6,082,458.13	0.00	0.00	30,404,161.51
February 2036	5,800,539.90	0.00	0.00	30,014,049.34
March 2036	5,522,302.51	0.00	0.00	29,628,420.21
April 2036	5,247,699.82	0.00	0.00	29,247,224.81
May 2036	4,976,686.21	0.00	0.00	28,870,414.38
June 2036	4,709,216.65	0.00	0.00	28,497,940.66

Distribution Date	Class BP	Class KF	Class TF	Classes P, PV and PZ (in the aggregate)
July 2036	\$ 4,445,246.65	\$ 0.00	\$ 0.00	\$ 28,129,755.94
August 2036	4,184,732.27	0.00	0.00	27,765,813.01
September 2036	3,927,630.13	0.00	0.00	27,406,065.17
October 2036	3,673,897.34	0.00	0.00	27,050,466.22
November 2036	3,423,491.59	0.00	0.00	26,698,970.47
December 2036	3,176,371.04	0.00	0.00	26,351,532.71
January 2037	2,932,494.41	0.00	0.00	26,008,108.23
February 2037	2,691,820.89	0.00	0.00	25,668,652.80
March 2037	2,454,310.20	0.00	0.00	25,333,122.66
April 2037	2,219,922.54	0.00	0.00	25,001,474.52
May 2037	1,988,618.61	0.00	0.00	24,673,665.58
June 2037	1,760,359.59	0.00	0.00	24,349,653.47
July 2037	1,535,107.13	0.00	0.00	24,029,396.31
August 2037	1,312,823.37	0.00	0.00	23,712,852.65
September 2037	1,093,470.90	0.00	0.00	23,399,981.48
October 2037	877,012.77	0.00	0.00	23,090,742.27
November 2037	663,412.51	0.00	0.00	22,785,094.90
December 2037	452,634.08	0.00	0.00	22,482,999.67
January 2038	244,641.87	0.00	0.00	22,184,417.35
February 2038	39,400.73	0.00	0.00	21,889,309.10
March 2038	0.00	0.00	0.00	21,597,636.52
April 2038	0.00	0.00	0.00	21,309,361.60
May 2038	0.00	0.00	0.00	21,024,446.78
June 2038	0.00	0.00	0.00	20,742,854.87
July 2038	0.00	0.00	0.00	20,464,549.09
August 2038	0.00	0.00	0.00	20,189,493.08
September 2038	0.00	0.00	0.00	19,917,650.84
October 2038	0.00	0.00	0.00	19,648,986.79
November 2038	0.00	0.00	0.00	19,383,465.71
December 2038	0.00	0.00	0.00	19,121,052.79
January 2039	0.00	0.00	0.00	18,861,713.56
February 2039	0.00	0.00	0.00	18,605,413.94
March 2039	0.00	0.00	0.00	18,352,120.24
April 2039	0.00	0.00	0.00	18,101,799.10
May 2039	0.00	0.00	0.00	17,854,417.55
June 2039	0.00	0.00	0.00	17,609,942.95
July 2039	0.00	0.00	0.00	17,368,343.03
August 2039	0.00	0.00	0.00	17,129,585.88
September 2039	0.00	0.00	0.00	16,893,639.91
October 2039	0.00	0.00	0.00	16,660,473.88
November 2039	0.00	0.00	0.00	16,430,056.90
December 2039	0.00	0.00	0.00	16,202,358.42
January 2040	0.00	0.00	0.00	15,977,348.19
February 2040	0.00	0.00	0.00	15,754,996.31
March 2040	0.00	0.00	0.00	15,535,273.21
April 2040	0.00	0.00	0.00	15,318,149.62
May 2040	0.00	0.00	0.00	15,103,596.61

Distribution Date	Class BP	Class KF	Class TF	Classes P, PV and PZ (in the aggregate)
June 2040	\$ 0.00	\$ 0.00	\$ 0.00	\$ 14,891,585.55
July 2040	0.00	0.00	0.00	14,682,088.12
August 2040	0.00	0.00	0.00	14,475,076.31
September 2040	0.00	0.00	0.00	14,270,522.41
October 2040	0.00	0.00	0.00	14,068,399.03
November 2040	0.00	0.00	0.00	13,868,679.05
December 2040	0.00	0.00	0.00	13,671,335.65
January 2041	0.00	0.00	0.00	13,476,342.33
February 2041	0.00	0.00	0.00	13,283,672.83
March 2041	0.00	0.00	0.00	13,093,301.22
April 2041	0.00	0.00	0.00	12,905,201.82
May 2041	0.00	0.00	0.00	12,719,349.25
June 2041	0.00	0.00	0.00	12,535,718.39
July 2041	0.00	0.00	0.00	12,354,284.40
August 2041	0.00	0.00	0.00	12,175,022.71
September 2041	0.00	0.00	0.00	11,997,909.01
October 2041	0.00	0.00	0.00	11,822,919.28
November 2041	0.00	0.00	0.00	11,650,029.72
December 2041	0.00	0.00	0.00	11,479,216.82
January 2042	0.00	0.00	0.00	11,310,457.32
February 2042	0.00	0.00	0.00	11,143,728.20
March 2042	0.00	0.00	0.00	10,979,006.71
April 2042	0.00	0.00	0.00	10,816,270.32
May 2042	0.00	0.00	0.00	10,655,496.78
June 2042	0.00	0.00	0.00	10,496,664.06
July 2042	0.00	0.00	0.00	10,339,750.36
August 2042	0.00	0.00	0.00	10,184,734.15
September 2042	0.00	0.00	0.00	10,031,594.10
October 2042	0.00	0.00	0.00	9,880,309.14
November 2042	0.00	0.00	0.00	9,730,858.41
December 2042	0.00	0.00	0.00	9,583,221.28
January 2043	0.00	0.00	0.00	9,437,377.36
February 2043	0.00	0.00	0.00	9,293,306.47
March 2043	0.00	0.00	0.00	9,150,988.64
April 2043	0.00	0.00	0.00	9,010,404.14
May 2043	0.00	0.00	0.00	8,871,533.44
June 2043	0.00	0.00	0.00	8,734,357.23
July 2043	0.00	0.00	0.00	8,598,856.40
August 2043	0.00	0.00	0.00	8,465,012.05
September 2043	0.00	0.00	0.00	8,332,805.52
October 2043	0.00	0.00	0.00	8,202,218.29
November 2043	0.00	0.00	0.00	8,073,232.10
December 2043	0.00	0.00	0.00	7,945,828.87
January 2044	0.00	0.00	0.00	7,819,990.69
February 2044	0.00	0.00	0.00	7,695,699.90
March 2044	0.00	0.00	0.00	7,572,938.97
April 2044	0.00	0.00	0.00	7,451,690.62

<u>Distribution Date</u>	<u>Class BP</u>	<u>Class KF</u>	<u>Class TF</u>	<u>Classes P, PV and PZ (in the aggregate)</u>
May 2044	\$ 0.00	\$ 0.00	\$ 0.00	\$ 7,331,937.73
June 2044	0.00	0.00	0.00	7,213,663.35
July 2044	0.00	0.00	0.00	7,096,850.75
August 2044	0.00	0.00	0.00	6,981,483.37
September 2044	0.00	0.00	0.00	6,867,544.82
October 2044	0.00	0.00	0.00	6,755,018.90
November 2044	0.00	0.00	0.00	6,643,889.59
December 2044	0.00	0.00	0.00	6,534,141.04
January 2045	0.00	0.00	0.00	6,425,757.56
February 2045	0.00	0.00	0.00	6,318,723.66
March 2045	0.00	0.00	0.00	6,213,024.00
April 2045	0.00	0.00	0.00	6,108,643.41
May 2045	0.00	0.00	0.00	6,005,566.88
June 2045	0.00	0.00	0.00	5,903,779.60
July 2045	0.00	0.00	0.00	5,803,266.86
August 2045	0.00	0.00	0.00	5,704,014.18
September 2045	0.00	0.00	0.00	5,606,007.18
October 2045	0.00	0.00	0.00	5,509,231.67
November 2045	0.00	0.00	0.00	5,413,673.61
December 2045	0.00	0.00	0.00	5,319,319.11
January 2046	0.00	0.00	0.00	5,226,154.43
February 2046	0.00	0.00	0.00	5,134,165.99
March 2046	0.00	0.00	0.00	5,043,340.35
April 2046	0.00	0.00	0.00	4,953,664.23
May 2046	0.00	0.00	0.00	4,865,124.47
June 2046	0.00	0.00	0.00	4,777,708.09
July 2046	0.00	0.00	0.00	4,691,402.21
August 2046	0.00	0.00	0.00	4,606,194.14
September 2046	0.00	0.00	0.00	4,522,071.28
October 2046	0.00	0.00	0.00	4,439,021.21
November 2046	0.00	0.00	0.00	4,357,031.63
December 2046	0.00	0.00	0.00	4,276,090.36
January 2047	0.00	0.00	0.00	4,196,185.37
February 2047	0.00	0.00	0.00	4,117,304.78
March 2047	0.00	0.00	0.00	4,039,436.80
April 2047	0.00	0.00	0.00	3,962,569.79
May 2047	0.00	0.00	0.00	3,886,692.25
June 2047	0.00	0.00	0.00	3,811,792.79
July 2047	0.00	0.00	0.00	3,737,860.16
August 2047	0.00	0.00	0.00	3,664,883.20
September 2047	0.00	0.00	0.00	3,592,850.92
October 2047	0.00	0.00	0.00	3,521,752.41
November 2047	0.00	0.00	0.00	3,451,576.92
December 2047	0.00	0.00	0.00	3,382,313.77
January 2048	0.00	0.00	0.00	3,313,952.45
February 2048	0.00	0.00	0.00	3,246,482.52
March 2048	0.00	0.00	0.00	3,179,893.69

Distribution Date	Class BP	Class KF	Class TF	Classes P, PV and PZ (in the aggregate)
April 2048	\$ 0.00	\$ 0.00	\$ 0.00	\$ 3,114,175.76
May 2048	0.00	0.00	0.00	3,049,318.65
June 2048	0.00	0.00	0.00	2,985,312.39
July 2048	0.00	0.00	0.00	2,922,147.13
August 2048	0.00	0.00	0.00	2,859,813.12
September 2048	0.00	0.00	0.00	2,798,300.72
October 2048	0.00	0.00	0.00	2,737,600.39
November 2048	0.00	0.00	0.00	2,677,702.69
December 2048	0.00	0.00	0.00	2,618,598.32
January 2049	0.00	0.00	0.00	2,560,278.04
February 2049	0.00	0.00	0.00	2,502,732.73
March 2049	0.00	0.00	0.00	2,445,953.37
April 2049	0.00	0.00	0.00	2,389,931.05
May 2049	0.00	0.00	0.00	2,334,656.94
June 2049	0.00	0.00	0.00	2,280,122.32
July 2049	0.00	0.00	0.00	2,226,318.56
August 2049	0.00	0.00	0.00	2,173,237.12
September 2049	0.00	0.00	0.00	2,120,869.58
October 2049	0.00	0.00	0.00	2,069,207.59
November 2049	0.00	0.00	0.00	2,018,242.90
December 2049	0.00	0.00	0.00	1,967,967.34
January 2050	0.00	0.00	0.00	1,918,372.84
February 2050	0.00	0.00	0.00	1,869,451.44
March 2050	0.00	0.00	0.00	1,821,195.23
April 2050	0.00	0.00	0.00	1,773,596.41
May 2050	0.00	0.00	0.00	1,726,647.26
June 2050	0.00	0.00	0.00	1,680,340.16
July 2050	0.00	0.00	0.00	1,634,667.55
August 2050	0.00	0.00	0.00	1,589,621.97
September 2050	0.00	0.00	0.00	1,545,196.04
October 2050	0.00	0.00	0.00	1,501,382.46
November 2050	0.00	0.00	0.00	1,458,174.02
December 2050	0.00	0.00	0.00	1,415,563.58
January 2051	0.00	0.00	0.00	1,373,544.07
February 2051	0.00	0.00	0.00	1,332,108.53
March 2051	0.00	0.00	0.00	1,291,250.05
April 2051	0.00	0.00	0.00	1,250,961.80
May 2051	0.00	0.00	0.00	1,211,237.03
June 2051	0.00	0.00	0.00	1,172,069.08
July 2051	0.00	0.00	0.00	1,133,451.34
August 2051	0.00	0.00	0.00	1,095,377.28
September 2051	0.00	0.00	0.00	1,057,840.46
October 2051	0.00	0.00	0.00	1,020,834.49
November 2051	0.00	0.00	0.00	984,353.07
December 2051	0.00	0.00	0.00	948,389.94
January 2052	0.00	0.00	0.00	912,938.95
February 2052	0.00	0.00	0.00	877,993.99

<u>Distribution Date</u>	<u>Class BP</u>	<u>Class KF</u>	<u>Class TF</u>	<u>Classes P, PV and PZ (in the aggregate)</u>
March 2052	\$ 0.00	\$ 0.00	\$ 0.00	\$ 843,549.02
April 2052	0.00	0.00	0.00	809,598.09
May 2052	0.00	0.00	0.00	776,135.30
June 2052	0.00	0.00	0.00	743,154.80
July 2052	0.00	0.00	0.00	710,650.84
August 2052	0.00	0.00	0.00	678,617.70
September 2052	0.00	0.00	0.00	647,049.76
October 2052	0.00	0.00	0.00	615,941.43
November 2052	0.00	0.00	0.00	585,287.20
December 2052	0.00	0.00	0.00	555,081.61
January 2053	0.00	0.00	0.00	525,319.28
February 2053	0.00	0.00	0.00	495,994.88
March 2053	0.00	0.00	0.00	467,103.13
April 2053	0.00	0.00	0.00	438,638.82
May 2053	0.00	0.00	0.00	410,596.80
June 2053	0.00	0.00	0.00	382,971.97
July 2053	0.00	0.00	0.00	355,759.30
August 2053	0.00	0.00	0.00	328,953.80
September 2053	0.00	0.00	0.00	302,550.54
October 2053	0.00	0.00	0.00	276,544.67
November 2053	0.00	0.00	0.00	250,931.35
December 2053	0.00	0.00	0.00	225,705.83
January 2054	0.00	0.00	0.00	200,863.39
February 2054	0.00	0.00	0.00	176,399.40
March 2054	0.00	0.00	0.00	152,309.23
April 2054	0.00	0.00	0.00	128,588.35
May 2054	0.00	0.00	0.00	105,232.25
June 2054	0.00	0.00	0.00	82,236.48
July 2054	0.00	0.00	0.00	59,596.64
August 2054	0.00	0.00	0.00	37,308.38
September 2054	0.00	0.00	0.00	15,367.41
October 2054 and thereafter	0.00	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
Initial Balance	\$50,000,000.00	\$102,139,000.00	\$68,308,000.00
February 2025	49,334,791.60	101,747,716.40	68,149,212.07
March 2025	48,632,660.58	101,321,295.56	67,964,856.35
April 2025	47,894,606.00	100,859,915.91	67,754,983.33
May 2025	47,121,701.51	100,363,787.15	67,519,659.91
June 2025	46,315,092.89	99,833,150.08	67,258,969.38
July 2025	45,475,995.19	99,268,276.49	66,973,011.45
August 2025	44,605,689.68	98,669,468.87	66,661,902.17
September 2025	43,705,520.50	98,037,060.20	66,325,773.90
October 2025	42,776,891.15	97,371,413.59	65,964,775.25
November 2025	41,821,260.67	96,672,921.97	65,579,070.96
December 2025	40,840,139.66	95,942,007.64	65,168,841.82
January 2026	39,835,086.04	95,179,121.81	64,734,284.57
February 2026	38,807,700.73	94,384,744.16	64,275,611.70
March 2026	37,759,623.06	93,559,382.24	63,793,051.34
April 2026	36,692,526.07	92,703,570.91	63,286,847.09
May 2026	35,608,111.70	91,817,871.72	62,757,257.78
June 2026	34,508,105.83	90,902,872.21	62,204,557.33
July 2026	33,431,741.73	89,959,185.22	61,629,034.47
August 2026	32,378,482.33	88,987,448.14	61,030,992.53
September 2026	31,347,802.50	87,988,322.12	60,410,749.16
October 2026	30,339,188.82	86,962,491.21	59,768,636.07
November 2026	29,352,139.35	85,910,661.55	59,104,998.77
December 2026	28,386,163.29	84,833,560.44	58,420,196.20
January 2027	27,440,780.83	83,731,935.43	57,714,600.47
February 2027	26,515,522.83	82,606,553.32	56,988,596.49
March 2027	25,609,930.61	81,490,509.23	56,242,581.66
April 2027	24,723,555.74	80,383,708.61	55,476,965.47
May 2027	23,855,959.77	79,286,057.73	54,693,265.46
June 2027	23,006,714.03	78,197,463.72	53,895,977.08
July 2027	22,175,399.42	77,117,834.49	53,098,258.91
August 2027	21,361,606.16	76,047,078.79	52,305,821.13
September 2027	20,564,933.64	74,985,106.16	51,518,629.42
October 2027	19,784,990.17	73,931,826.93	50,736,649.70
November 2027	19,021,392.79	72,887,152.23	49,959,848.10
December 2027	18,273,767.08	71,850,993.96	49,188,190.98
January 2028	17,541,746.98	70,823,264.80	48,421,644.90
February 2028	16,824,974.59	69,803,878.18	47,660,176.66
March 2028	16,123,099.99	68,792,748.32	46,903,753.24
April 2028	15,435,781.07	67,789,790.16	46,152,341.88
May 2028	14,762,683.32	66,794,919.40	45,405,909.99
June 2028	14,103,479.74	65,808,052.47	44,664,425.21
July 2028	13,457,850.59	64,829,106.53	43,927,855.40
August 2028	12,825,483.26	63,857,999.46	43,196,168.61
September 2028	12,206,072.12	62,894,649.87	42,469,333.11
October 2028	11,599,318.36	61,938,977.06	41,747,317.36
November 2028	11,004,929.83	60,990,901.04	41,030,090.05
December 2028	10,422,620.89	60,050,342.53	40,317,620.04

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2029	\$ 9,852,112.28	\$ 59,117,222.90	\$39,609,876.41
February 2029	9,293,130.95	58,191,464.25	38,906,828.45
March 2029	8,745,409.96	57,272,989.32	38,208,445.63
April 2029	8,208,688.30	56,361,721.54	37,514,697.63
May 2029	7,682,710.81	55,457,584.99	36,825,554.32
June 2029	7,167,227.99	54,560,504.42	36,140,985.76
July 2029	6,661,995.92	53,670,405.20	35,460,962.23
August 2029	6,166,776.11	52,787,213.39	34,785,454.17
September 2029	5,681,335.40	51,910,855.64	34,114,432.23
October 2029	5,205,445.80	51,041,259.27	33,447,867.25
November 2029	4,738,884.44	50,178,352.21	32,785,730.25
December 2029	4,281,433.40	49,322,062.99	32,127,992.43
January 2030	3,832,879.60	48,472,320.80	31,474,625.22
February 2030	3,393,014.74	47,629,055.39	30,825,600.17
March 2030	2,961,635.15	46,792,197.14	30,180,889.07
April 2030	2,538,541.69	45,963,513.62	29,540,463.87
May 2030	2,123,539.67	45,149,075.66	28,904,296.70
June 2030	1,716,438.74	44,348,642.64	28,272,359.87
July 2030	1,317,052.78	43,561,977.94	27,644,625.88
August 2030	925,199.81	42,788,848.91	27,021,067.40
September 2030	540,701.94	42,029,026.76	26,401,657.28
October 2030	163,385.20	41,282,286.56	25,786,368.53
November 2030	0.00	40,548,407.12	25,175,174.37
December 2030	0.00	39,827,170.96	24,568,048.16
January 2031	0.00	39,118,364.22	23,964,963.45
February 2031	0.00	38,421,776.65	23,365,893.95
March 2031	0.00	37,737,201.47	22,770,813.56
April 2031	0.00	37,064,435.39	22,179,696.33
May 2031	0.00	36,403,278.53	21,592,516.49
June 2031	0.00	35,753,534.33	21,009,248.42
July 2031	0.00	35,115,009.53	20,429,866.68
August 2031	0.00	34,487,514.10	19,854,346.00
September 2031	0.00	33,870,861.20	19,282,661.26
October 2031	0.00	33,264,867.12	18,714,787.52
November 2031	0.00	32,669,351.20	18,150,699.97
December 2031	0.00	32,084,135.85	17,590,374.00
January 2032	0.00	31,509,046.41	17,033,785.14
February 2032	0.00	30,943,911.16	16,480,909.06
March 2032	0.00	30,388,561.28	15,931,721.63
April 2032	0.00	29,842,830.75	15,386,198.84
May 2032	0.00	29,306,556.35	14,844,316.86
June 2032	0.00	28,779,577.57	14,306,051.99
July 2032	0.00	28,261,736.61	13,771,380.71
August 2032	0.00	27,752,878.33	13,240,279.63
September 2032	0.00	27,252,850.15	12,712,725.53
October 2032	0.00	26,761,502.09	12,188,695.32
November 2032	0.00	26,278,686.66	11,668,166.08
December 2032	0.00	25,804,258.84	11,151,115.02

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2033	\$ 0.00	\$ 25,338,076.07	\$10,637,519.52
February 2033	0.00	24,879,998.16	10,127,357.09
March 2033	0.00	24,429,887.27	9,620,605.39
April 2033	0.00	23,987,607.89	9,117,242.22
May 2033	0.00	23,553,026.76	8,617,245.54
June 2033	0.00	23,126,012.89	8,120,593.42
July 2033	0.00	22,706,437.46	7,627,264.12
August 2033	0.00	22,294,173.82	7,137,235.99
September 2033	0.00	21,889,097.46	6,650,487.56
October 2033	0.00	21,491,085.94	6,166,997.47
November 2033	0.00	21,100,018.91	5,686,744.53
December 2033	0.00	20,715,777.99	5,211,637.88
January 2034	0.00	20,338,246.85	4,742,650.94
February 2034	0.00	19,967,311.06	4,279,707.48
March 2034	0.00	19,602,858.15	3,822,732.20
April 2034	0.00	19,244,777.53	3,371,650.74
May 2034	0.00	18,892,960.47	2,926,389.64
June 2034	0.00	18,547,300.05	2,486,876.33
July 2034	0.00	18,207,691.19	2,053,039.16
August 2034	0.00	17,874,030.53	1,624,807.33
September 2034	0.00	17,546,216.48	1,202,110.92
October 2034	0.00	17,224,149.15	784,880.85
November 2034	0.00	16,907,730.33	373,048.91
December 2034	0.00	16,596,863.47	0.00
January 2035	0.00	16,291,453.63	0.00
February 2035	0.00	15,991,407.49	0.00
March 2035	0.00	15,696,633.28	0.00
April 2035	0.00	15,407,040.79	0.00
May 2035	0.00	15,122,541.33	0.00
June 2035	0.00	14,843,047.69	0.00
July 2035	0.00	14,568,474.15	0.00
August 2035	0.00	14,298,736.41	0.00
September 2035	0.00	14,033,751.61	0.00
October 2035	0.00	13,773,438.29	0.00
November 2035	0.00	13,517,716.34	0.00
December 2035	0.00	13,266,507.03	0.00
January 2036	0.00	13,019,732.94	0.00
February 2036	0.00	12,777,317.96	0.00
March 2036	0.00	12,539,187.26	0.00
April 2036	0.00	12,305,267.28	0.00
May 2036	0.00	12,075,485.70	0.00
June 2036	0.00	11,849,771.43	0.00
July 2036	0.00	11,628,054.56	0.00
August 2036	0.00	11,410,266.36	0.00
September 2036	0.00	11,196,339.30	0.00
October 2036	0.00	10,986,206.94	0.00
November 2036	0.00	10,779,804.00	0.00
December 2036	0.00	10,577,066.28	0.00

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2037	\$ 0.00	\$ 10,377,930.68	\$ 0.00
February 2037	0.00	10,182,335.17	0.00
March 2037	0.00	9,990,218.74	0.00
April 2037	0.00	9,801,521.44	0.00
May 2037	0.00	9,616,184.34	0.00
June 2037	0.00	9,434,149.47	0.00
July 2037	0.00	9,255,359.89	0.00
August 2037	0.00	9,079,759.58	0.00
September 2037	0.00	8,907,293.50	0.00
October 2037	0.00	8,737,907.52	0.00
November 2037	0.00	8,571,548.44	0.00
December 2037	0.00	8,408,163.95	0.00
January 2038	0.00	8,247,702.64	0.00
February 2038	0.00	8,090,113.97	0.00
March 2038	0.00	7,935,348.25	0.00
April 2038	0.00	7,783,356.62	0.00
May 2038	0.00	7,634,091.08	0.00
June 2038	0.00	7,487,504.42	0.00
July 2038	0.00	7,343,550.24	0.00
August 2038	0.00	7,202,182.92	0.00
September 2038	0.00	7,063,357.62	0.00
October 2038	0.00	6,927,030.26	0.00
November 2038	0.00	6,793,157.51	0.00
December 2038	0.00	6,661,696.79	0.00
January 2039	0.00	6,532,606.20	0.00
February 2039	0.00	6,405,844.60	0.00
March 2039	0.00	6,281,371.53	0.00
April 2039	0.00	6,159,147.21	0.00
May 2039	0.00	6,039,132.54	0.00
June 2039	0.00	5,921,289.10	0.00
July 2039	0.00	5,805,579.10	0.00
August 2039	0.00	5,691,965.41	0.00
September 2039	0.00	5,580,411.53	0.00
October 2039	0.00	5,470,881.57	0.00
November 2039	0.00	5,363,340.27	0.00
December 2039	0.00	5,257,752.96	0.00
January 2040	0.00	5,154,085.55	0.00
February 2040	0.00	5,052,304.54	0.00
March 2040	0.00	4,952,377.02	0.00
April 2040	0.00	4,854,270.60	0.00
May 2040	0.00	4,757,953.48	0.00
June 2040	0.00	4,663,394.38	0.00
July 2040	0.00	4,570,562.57	0.00
August 2040	0.00	4,479,427.83	0.00
September 2040	0.00	4,389,960.47	0.00
October 2040	0.00	4,302,131.28	0.00
November 2040	0.00	4,215,911.58	0.00
December 2040	0.00	4,131,273.16	0.00

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2041	\$ 0.00	\$ 4,048,188.31	\$ 0.00
February 2041	0.00	3,966,629.78	0.00
March 2041	0.00	3,886,570.77	0.00
April 2041	0.00	3,807,984.98	0.00
May 2041	0.00	3,730,846.53	0.00
June 2041	0.00	3,655,129.98	0.00
July 2041	0.00	3,580,810.35	0.00
August 2041	0.00	3,507,863.05	0.00
September 2041	0.00	3,436,263.95	0.00
October 2041	0.00	3,365,989.32	0.00
November 2041	0.00	3,297,015.82	0.00
December 2041	0.00	3,229,320.52	0.00
January 2042	0.00	3,162,880.91	0.00
February 2042	0.00	3,097,674.81	0.00
March 2042	0.00	3,033,680.48	0.00
April 2042	0.00	2,970,876.50	0.00
May 2042	0.00	2,909,241.86	0.00
June 2042	0.00	2,848,755.90	0.00
July 2042	0.00	2,789,398.28	0.00
August 2042	0.00	2,731,149.07	0.00
September 2042	0.00	2,673,988.62	0.00
October 2042	0.00	2,617,897.67	0.00
November 2042	0.00	2,562,857.26	0.00
December 2042	0.00	2,508,848.77	0.00
January 2043	0.00	2,455,853.88	0.00
February 2043	0.00	2,403,854.62	0.00
March 2043	0.00	2,352,833.30	0.00
April 2043	0.00	2,302,772.54	0.00
May 2043	0.00	2,253,655.27	0.00
June 2043	0.00	2,205,464.70	0.00
July 2043	0.00	2,158,184.35	0.00
August 2043	0.00	2,111,798.00	0.00
September 2043	0.00	2,066,289.73	0.00
October 2043	0.00	2,021,643.87	0.00
November 2043	0.00	1,977,845.05	0.00
December 2043	0.00	1,934,878.15	0.00
January 2044	0.00	1,892,728.30	0.00
February 2044	0.00	1,851,380.92	0.00
March 2044	0.00	1,810,821.64	0.00
April 2044	0.00	1,771,036.37	0.00
May 2044	0.00	1,732,011.25	0.00
June 2044	0.00	1,693,732.66	0.00
July 2044	0.00	1,656,187.23	0.00
August 2044	0.00	1,619,361.80	0.00
September 2044	0.00	1,583,243.45	0.00
October 2044	0.00	1,547,819.48	0.00
November 2044	0.00	1,513,077.42	0.00
December 2044	0.00	1,479,004.99	0.00

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2045	\$ 0.00	\$ 1,445,590.16	\$ 0.00
February 2045	0.00	1,412,821.07	0.00
March 2045	0.00	1,380,686.11	0.00
April 2045	0.00	1,349,173.82	0.00
May 2045	0.00	1,318,272.99	0.00
June 2045	0.00	1,287,972.56	0.00
July 2045	0.00	1,258,261.70	0.00
August 2045	0.00	1,229,129.74	0.00
September 2045	0.00	1,200,566.21	0.00
October 2045	0.00	1,172,560.82	0.00
November 2045	0.00	1,145,103.45	0.00
December 2045	0.00	1,118,184.17	0.00
January 2046	0.00	1,091,793.22	0.00
February 2046	0.00	1,065,921.01	0.00
March 2046	0.00	1,040,558.10	0.00
April 2046	0.00	1,015,695.25	0.00
May 2046	0.00	991,323.34	0.00
June 2046	0.00	967,433.44	0.00
July 2046	0.00	944,016.76	0.00
August 2046	0.00	921,064.67	0.00
September 2046	0.00	898,568.70	0.00
October 2046	0.00	876,520.51	0.00
November 2046	0.00	854,911.91	0.00
December 2046	0.00	833,734.86	0.00
January 2047	0.00	812,981.46	0.00
February 2047	0.00	792,643.94	0.00
March 2047	0.00	772,714.68	0.00
April 2047	0.00	753,186.19	0.00
May 2047	0.00	734,051.09	0.00
June 2047	0.00	715,302.16	0.00
July 2047	0.00	696,932.30	0.00
August 2047	0.00	678,934.51	0.00
September 2047	0.00	661,301.94	0.00
October 2047	0.00	644,027.86	0.00
November 2047	0.00	627,105.64	0.00
December 2047	0.00	610,528.78	0.00
January 2048	0.00	594,290.88	0.00
February 2048	0.00	578,385.69	0.00
March 2048	0.00	562,807.02	0.00
April 2048	0.00	547,548.82	0.00
May 2048	0.00	532,605.14	0.00
June 2048	0.00	517,970.14	0.00
July 2048	0.00	503,638.08	0.00
August 2048	0.00	489,603.30	0.00
September 2048	0.00	475,860.28	0.00
October 2048	0.00	462,403.58	0.00
November 2048	0.00	449,227.83	0.00
December 2048	0.00	436,327.79	0.00

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2049	\$ 0.00	\$ 423,698.31	\$ 0.00
February 2049	0.00	411,334.32	0.00
March 2049	0.00	399,230.83	0.00
April 2049	0.00	387,382.96	0.00
May 2049	0.00	375,785.90	0.00
June 2049	0.00	364,434.94	0.00
July 2049	0.00	353,325.45	0.00
August 2049	0.00	342,452.87	0.00
September 2049	0.00	331,812.74	0.00
October 2049	0.00	321,400.66	0.00
November 2049	0.00	311,212.32	0.00
December 2049	0.00	301,243.48	0.00
January 2050	0.00	291,489.99	0.00
February 2050	0.00	281,947.76	0.00
March 2050	0.00	272,612.78	0.00
April 2050	0.00	263,481.10	0.00
May 2050	0.00	254,548.86	0.00
June 2050	0.00	245,812.25	0.00
July 2050	0.00	237,267.54	0.00
August 2050	0.00	228,911.06	0.00
September 2050	0.00	220,739.21	0.00
October 2050	0.00	212,748.46	0.00
November 2050	0.00	204,935.33	0.00
December 2050	0.00	197,296.42	0.00
January 2051	0.00	189,828.36	0.00
February 2051	0.00	182,527.88	0.00
March 2051	0.00	175,391.74	0.00
April 2051	0.00	168,416.78	0.00
May 2051	0.00	161,599.86	0.00
June 2051	0.00	154,937.95	0.00
July 2051	0.00	148,428.03	0.00
August 2051	0.00	142,067.15	0.00
September 2051	0.00	135,852.43	0.00
October 2051	0.00	129,781.00	0.00
November 2051	0.00	123,850.09	0.00
December 2051	0.00	118,056.95	0.00
January 2052	0.00	112,398.89	0.00
February 2052	0.00	106,873.26	0.00
March 2052	0.00	101,477.47	0.00
April 2052	0.00	96,208.97	0.00
May 2052	0.00	91,065.26	0.00
June 2052	0.00	86,043.88	0.00
July 2052	0.00	81,142.42	0.00
August 2052	0.00	76,358.51	0.00
September 2052	0.00	71,689.82	0.00
October 2052	0.00	67,134.09	0.00
November 2052	0.00	62,689.05	0.00
December 2052	0.00	58,352.52	0.00

<u>Distribution Date</u>	<u>Class DF</u>	<u>Classes JL and JP (in the aggregate)</u>	<u>Class HP</u>
January 2053	\$ 0.00	\$ 54,122.33	\$ 0.00
February 2053	0.00	49,996.36	0.00
March 2053	0.00	45,972.53	0.00
April 2053	0.00	42,048.80	0.00
May 2053	0.00	38,223.17	0.00
June 2053	0.00	34,493.65	0.00
July 2053	0.00	30,858.32	0.00
August 2053	0.00	27,315.29	0.00
September 2053	0.00	23,862.68	0.00
October 2053	0.00	20,498.68	0.00
November 2053	0.00	17,221.47	0.00
December 2053	0.00	14,029.32	0.00
January 2054	0.00	10,920.48	0.00
February 2054	0.00	7,893.25	0.00
March 2054	0.00	4,945.98	0.00
April 2054	0.00	2,077.02	0.00
May 2054 and thereafter	0.00	0.00	0.00

Exhibit A

Characteristics of the Mortgage Loans Underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets⁽¹⁾:

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
Group 2 Trust Assets				
MB0093	\$150,000,000.75	357	1	6.542%
Group 5 Trust Assets				
CV1303	\$ 5,045.62	473	7	7.250%
DE5978	8,708.49	475	5	7.250
DD7297	8,836.55	459	19	6.875
DC7982	10,240.52	472	8	7.250
DE6028	10,388.99	475	5	7.250
DC6981	10,696.06	468	9	6.875
DE3613	10,698.05	475	5	7.125
DD7671	10,957.11	472	8	7.125
DF3636	11,735.41	476	4	7.000
DC8065	12,052.88	472	8	7.250
DE4644	12,457.48	476	4	7.125
DE4543	12,481.98	470	10	7.125
DE2997	12,599.08	475	5	6.750
DC1289	12,901.68	473	7	7.125
DD6156	13,278.02	466	6	7.125
DF0834	13,475.19	463	17	7.250
CP9449	13,508.47	477	3	6.875
DB2565	13,580.58	476	4	6.750
DD8054	14,072.66	475	5	6.750
DD4762	14,527.34	472	8	7.250
DC9955	16,127.66	474	6	7.000
DD5443	16,258.45	450	7	7.250
CV1311	16,341.52	451	12	7.055
DE5991	16,431.26	470	4	7.034
DE4987	16,508.87	470	10	7.125
DD1133	16,764.78	473	7	7.000
DF2080	18,240.49	472	8	6.863
DC9785	19,229.80	473	6	6.773
DC7984	19,477.97	471	8	7.250
DE6019	19,514.61	477	3	6.875
DC7472	19,612.37	465	15	7.076
DE3660	20,052.94	472	8	7.044
DE5213	20,324.71	473	6	7.125
DD9946	21,315.40	462	18	7.250
DB4158	21,429.04	473	7	7.177
DE9651	22,481.15	476	4	6.901
DG2145	22,783.92	477	3	6.875
DD7779	23,024.12	474	6	7.065
DD9931	23,512.95	474	6	7.250

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
DE3616	\$ 23,546.45	470	10	6.875%
DE9304	23,814.70	477	3	6.875
DC9963	23,945.33	474	6	7.000
DC7031	24,380.56	472	7	7.000
CQ5816	24,894.62	473	7	7.174
DD5346	24,957.51	474	6	7.000
CQ3639	25,809.81	479	1	6.875
DE2735	25,908.11	470	10	7.125
DC6346	26,224.76	473	7	7.125
CY3145	26,401.55	477	3	6.875
DC5435	26,963.41	474	6	7.125
DE0735	27,001.94	471	9	7.161
DE9686	29,699.31	476	4	7.000
CZ9578	30,198.79	476	4	6.875
DD5354	30,285.38	475	5	7.064
DF1919	30,495.90	476	4	7.125
DD1626	30,671.70	476	4	7.125
DC9695	30,825.45	473	7	7.160
DC7073	31,475.46	473	7	7.000
DE2477	31,988.06	472	7	7.069
DE2716	32,801.19	316	19	6.750
DC7161	33,465.97	474	6	7.035
DE3057	34,001.78	476	4	6.750
CZ0399	34,420.34	475	5	7.250
DC5166	34,671.16	450	11	7.114
DF4747	34,718.52	475	4	7.250
DC9670	17,838.45	471	7	7.125
DG4320	35,709.09	469	11	7.125
DF1852	36,741.38	476	4	6.750
DA3416	39,606.41	476	4	7.250
DF2948	41,828.37	477	3	6.875
DC7141	43,695.10	474	6	7.000
DC7045	45,103.49	471	8	6.875
DG1122	45,534.99	478	2	6.875
DE3009	46,529.72	475	5	6.750
DF0206	46,902.46	474	6	7.143
DC7148	47,936.76	475	5	6.750
DC5337	48,257.16	474	6	7.085
DE1542	48,955.88	429	6	7.125
DD9207	50,694.42	457	16	7.000
DB8021	54,630.40	472	8	6.898
DD5335	56,212.26	474	6	7.250
DD8578	57,292.07	475	5	7.088
DC5076	52,689.49	473	6	7.005
DC9948	59,935.34	475	5	6.918
DG0027	61,205.84	479	1	6.875
DD1258	62,264.41	470	9	7.059

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
DC5619	\$ 62,870.40	462	4	7.250%
DF2366	63,474.57	476	4	7.050
DC8571	65,668.22	473	7	7.229
DE2869	66,250.45	476	4	7.250
CV7873	66,631.34	475	5	6.999
DE8352	69,389.48	475	4	7.250
DF3989	70,480.97	467	6	6.997
DE3020	73,552.48	473	5	6.750
DE7558	75,253.89	476	4	6.961
DD4816	75,957.30	476	4	7.071
DF0855	77,952.72	476	4	7.250
DD9562	70,678.94	474	6	7.207
DF3571	83,983.74	468	5	6.938
DD1525	84,000.26	464	7	7.055
DF0478	88,112.38	477	3	6.805
DG5380	91,583.57	479	1	6.947
DD9563	95,565.80	474	6	7.250
DF9516	98,483.82	476	4	7.151
DF1660	98,908.16	476	4	6.870
DE6792	99,953.85	476	3	6.853
DD2482	88,624.04	472	6	7.190
DF2349	101,216.54	477	3	6.924
DD1599	101,758.97	469	11	6.929
DE0747	102,000.21	474	5	7.250
DB3340	102,584.74	477	3	6.940
DE7568	115,944.61	476	4	7.196
DG2651	119,982.35	477	3	7.000
DG7092	123,283.31	479	1	6.885
DD5416	128,569.72	472	7	7.214
DD9231	128,862.83	468	10	6.866
DD4536	130,226.29	472	8	7.087
DA3531	136,130.23	477	3	6.875
DG6459	138,003.30	475	3	6.750
DE4988	143,586.90	477	3	7.000
DF2390	148,106.45	476	4	7.250
DD5644	150,891.00	466	6	6.875
DE7649	151,672.05	475	4	7.085
DE9724	155,561.78	477	3	6.779
DD4799	155,612.93	476	4	7.000
DF3642	156,183.85	476	4	6.888
DG7517	158,931.07	478	2	7.234
DD1435	158,931.96	471	9	7.064
DD5645	180,864.14	474	6	6.984
DD9878	173,490.42	476	4	7.250
DF6080	187,092.72	475	4	6.967
DF0211	192,835.16	475	4	7.218
DE7127	182,592.53	473	5	7.152

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
DF3649	\$ 212,661.45	475	4	6.886%
DD5647	213,140.32	468	7	7.150
DF1338	235,482.53	477	3	6.961
DF6002	240,919.92	476	4	6.837
DF6071	241,230.00	474	4	7.129
DF2371	246,207.95	476	4	7.083
DE1924	260,952.43	475	5	6.875
DF3382	272,003.63	475	5	6.853
DD9614	279,497.16	473	5	7.155
DE4507	288,205.02	476	4	7.163
DE2871	312,152.78	472	5	7.028
DG4627	313,667.18	478	2	6.946
DD6758	246,864.63	472	5	6.965
DF3632	320,021.63	473	4	6.862
DC6733	347,129.34	473	7	7.023
DF3872	375,420.29	474	4	6.863
DG2363	386,404.65	477	3	6.935
DE1927	396,748.42	474	6	7.080
DG5183	411,496.83	478	2	6.786
DE7624	425,009.53	476	4	7.072
DF1079	443,989.34	476	4	7.037
DC6748	433,011.66	473	6	6.943
DD1383	475,069.86	469	11	6.936
DG6880	499,370.20	477	2	6.904
DF4753	505,164.48	476	3	6.879
DG3141	515,560.41	478	2	6.839
DF5567	570,549.25	476	3	7.000
DD4818	625,226.46	476	4	7.129
DF6154	625,690.63	474	3	6.885
DG4278	634,668.19	478	2	6.750
DF3559	634,870.92	475	4	6.890
DD5937	651,747.80	470	9	7.117
DG4289	658,906.10	478	2	6.801
DF7761	757,993.11	477	3	6.941
DG3137	738,850.85	476	1	6.851
DD5417	788,113.77	472	6	7.101
DD8772	828,557.46	473	7	7.155
DE7615	963,240.99	475	4	7.085
DE7570	1,028,061.68	475	4	7.016
DE7655	1,070,632.93	475	4	7.078
DF3863	1,071,716.47	476	4	6.915
DE7623	1,117,664.01	476	4	6.991
DF6863	1,272,110.25	473	3	6.988
DE9975	2,160,576.44	476	4	7.088
DE4991	2,692,607.46	476	3	6.888
DF5566	3,576,166.47	476	3	6.841
DF9196	3,790,858.77	477	2	6.765

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
DE7619	\$ 4,721,749.44	475	4	7.087%
DE2216	5,887,679.09	476	3	6.903
DE7589	12,098,386.90	475	4	7.069
	<u>\$ 65,611,104.94</u>			
Group 11 Trust Assets				
MA9365	\$104,253,545.13	344	13	7.545%
Group 12 Trust Assets				
787754	\$ 50,689,942.14	346	5	6.676%
Group 13 Trust Assets				
MA9853	\$117,326,186.22	352	5	6.977%
Group 14 Trust Assets				
DG3684	\$ 2,457,680.42	359	1	6.507%
DG0783	11,722,960.43	356	1	6.660
DG9760	7,962,377.00	358	1	6.701
DF9500	1,902,308.76	356	3	6.733
DF9832	1,915,468.02	346	2	6.414
DG2262	1,073,228.00	337	1	6.317
DG2993	1,298,219.27	359	1	6.610
DG6528	1,795,463.73	350	1	6.383
DH1047	2,283,541.68	358	2	6.647
DG6526	1,275,660.39	359	1	6.588
DG5238	8,005,490.68	357	1	6.703
DF8585	2,055,068.00	360	0	6.640
DG5704	1,109,402.48	358	1	6.612
DF8586	1,355,799.00	360	0	6.626
DH2572	617,567.00	360	0	6.750
DF8255	7,772,042.43	357	2	6.647
DF8533	2,600,392.00	360	0	6.619
DE4139	1,602,517.06	359	1	6.340
DG7156	5,411,577.59	356	2	6.722
DG7554	7,960,311.34	359	1	6.686
DG1164	396,538.72	359	1	6.291
DF8581	1,441,508.00	360	0	6.693
DG8184	1,598,028.00	355	0	6.411
DF7564	3,574,030.20	355	3	6.638
DF2549	350,336.00	360	0	6.750
DF8551	1,581,344.00	360	0	6.636
DF2506	3,651,507.36	359	1	6.681
DF8479	2,518,900.00	359	1	6.642
DF8503	2,568,933.00	359	1	6.662
DF8439	349,536.15	359	1	6.666
DF0487	790,338.58	359	1	6.357
DG6589	466,714.00	360	0	6.527
DH1003	3,232,716.32	357	1	6.628
DB6492	1,921,431.00	357	3	6.722
DG0655	2,922,425.69	358	2	6.648

<u>Pool Number</u>	<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
DG3698	\$ 1,030,701.87	359	1	6.504%
DG6592	2,472,952.00	350	0	6.414
DF2550	1,267,713.00	360	0	6.728
DG5012	755,417.43	358	2	6.643
DF9829	1,599,784.67	359	1	6.408
DG6255	465,579.00	359	1	6.431
DF7283	3,137,863.85	354	1	6.718
DF8309	7,975,440.70	358	1	6.514
DF4965	5,377,431.40	358	2	6.510
DF8541	2,562,670.00	360	0	6.660
DG1311	378,096.00	287	2	6.457
DD5736	812,400.47	358	2	6.625
DH0173	11,046,039.00	360	0	6.452
DH2571	7,710,352.00	360	0	6.714
DH2573	1,037,505.00	360	0	6.694
DF1865	613,341.29	359	1	6.686
DG1183	2,830,524.17	356	1	6.402
DF8298	9,384,826.12	359	1	6.648
	<u>\$160,000,000.27</u>			
Group 16 Trust Assets				
787509	\$143,233,831.57	449	24	5.022%
Group 17 Trust Assets⁽³⁾				
MA5458	\$ 36,773.97 ⁽³⁾	280	77	4.941%
MA8092	41,682,626.17 ⁽³⁾	327	31	4.973
MA8143	36,023,021.45 ⁽³⁾	327	30	4.987
MA8193	96,062,981.95 ⁽³⁾	330	29	5.004
	<u>\$173,805,403.54</u>			

(1) As of January 1, 2025.

(2) The Mortgage Loans underlying the Group 2, 5, 11 through 14, 16 and 17 Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

(3) More than 10% of the Mortgage Loans underlying the Group 17 Trust Assets may be higher balance Mortgage Loans. See "Risk Factors" in this Supplement.



\$2,288,767,124

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