

# \$303,470,643 Government National Mortgage Association GINNIE MAE®

## Guaranteed HECM MBS REMIC Pass-Through Securities and MX Securities Ginnie Mae REMIC Trust 2023-H25

#### The Securities

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

## The Ginnie Mae Guaranty

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

#### The Trust and its Assets

The Trust will own (1) Ginnie Mae HECM MBS or Ginnie Mae Platinum Certificates backed by HECM MBS and (2) a certain previously issued certificate.

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-10 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 October 30, 2023.

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							
AI	\$ 53,918,419	(5)	NTL(HPT)	HWAC/IO/DLY	38383KGR7	September 2073	
FA(1)	53,918,419	(5)	HPT	FLT/HWAC/HZ	38383KGS5	September 2073	
Security Group 2							
BI	24,262,732	(5)	NTL(HPT)	HWAC/IO/DLY	38383KGT3	September 2073	
FB(1)	24,262,732	(5)	HPT	FLT/HWAC/HZ	38383KGU0	September 2073	
Security Group 3							
BA	25,001,713	(5)	HSEQ	HWAC/HZ/DLY	38383KGV8	July 2073	
BZ	600,000	(5)	HSEQ	HWAC/HZ/DLY	38383KGW6	July 2073	
Security Group 4							
BF	110,307,599	(5)	HPT	FLT/HWAC/HZ	38383KGX4	October 2073	
<u>IB</u>	110,307,599	(5)	NTL(HPT)	HWAC/IO/DLY	38383KGY2	October 2073	
Security Group 5							
CI(1)	35,208,148	(5)	NTL(HPT)	HWAC/IO/DLY	38383KGZ9	September 2073	
FC	35,208,148	(5)	HPT	FLT/HWAC/HZ	38383KHA3	September 2073	
Security Group 6							
CF	38,830,463	(5)	HPT	FLT/HWAC/HZ	38383KHB1	October 2073	
<u>IC(1)</u>	38,830,463	(5)	NTL(HPT)	HWAC/IO/DLY	38383KHC9	October 2073	
Security Group 7							
DA	9,462,813	(5)	SC/HSEQ	HWAC/HZ/DLY	38383KHD7	October 2073	
<u>DC</u>	5,878,756	(5)	SC/HSEQ	HWAC/HZ/DLY	38383KHE5	October 2073	
Residuals							
RR	0	0.00%	NPR	NPR	38383KHF2	October 2073	
RR1	0	0.00	NPR	NPR	38383KHG0	September 2073	
RR2	0	0.00	NPR	NPR	38383KHH8	September 2073	
RR3	0	0.00	NPR	NPR	38383KHJ4	July 2073	

- (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 either reduced or increased, as applicable, 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.

## Citigroup

Roberts & Ryan Investments Inc.

The date of this Offering Circular Supplement is October 24, 2023.

#### AVAILABLE INFORMATION

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

- this Offering Circular Supplement (this "Supplement"),
- the Base Offering Circular,
- the HECM MBS Base Prospectus dated October 1, 2007, July 1, 2011, November 1, 2013, June 1, 2014 or July 1, 2023, as applicable (the "HECM MBS Base Prospectus"),
- each HECM MBS Prospectus Supplement relating to the HECM MBS (the "HECM MBS Prospectus Supplements," together with the HECM MBS Base Prospectus, the "HECM MBS Disclosure Documents"),
- the Platinum Certificates Base Offering Circular, dated April 1, 2019 (the "Platinum Base Offering Circular"),
- each Platinum Certificate Offering Circular Supplement relating to the Ginnie Mae Platinum Certificates backed by HECM MBS (the "Platinum Certificate Offering Circular Supplements," together with the Platinum Base Offering Circular, the "Platinum Disclosure Documents") and
- in the case of the Group 7 Securities, the disclosure document relating to the Underlying Certificate (the "Underlying Certificate Disclosure Document").

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

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

Unless otherwise specifically defined herein, please consult the standard abbreviations of Class Types included in the Base Offering Circular as Appendix I and the glossary included in the Base Offering Circular as Appendix II for definitions of capitalized terms.

## TABLE OF CONTENTS

	Page		Page
Terms Sheet	S-3	Increase in Size	S-52
Risk Factors	S-10	Legal Matters	S-52
The Trust Assets	S-15	Schedule I: Available Combinations	S-I-1
Ginnie Mae Guaranty	S-18	Exhibit A: Assumed Characteristics of	
Description of the Securities	S-18	the HECMs and the Participations	
Yield, Maturity and Prepayment  Considerations	S-23	Underlying the Group 1 through 6 and Subgroup 7A Trust Assets	A-1
Certain United States Federal Income Tax Consequences	S-49	Exhibit B: CPR Percentage in Effect by HECM Age	B-1
ERISA Matters	S-51	Exhibit C: Draw Curve in Effect by HECM Age	C-1
Legal Investment Considerations	S-52	Exhibit D: Underlying Certificate	D-1
Plan of Distribution	S-52	Exhibit E: Updated Exhibit A	E-1

#### **TERMS SHEET**

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

**Sponsor:** Citigroup Global Markets Inc.

Co-Sponsor: Roberts & Ryan Investments Inc.

Trustee: U.S. Bank National Association

**Tax Administrator:** The Trustee **Closing Date:** October 30, 2023

Distribution Date: The 20<sup>th</sup> day of each month or, if the 20<sup>th</sup> day is not a Business Day, the first Busi-

Interest Rates or

ness Day thereafter, commencing in November 2023.

#### **Trust Assets:**

Trust Asset Group or Subgroup <sup>(1)</sup>	Trust Asset Type <sup>(2)</sup>	HECM MBS Principal Balance	HECM MBS Rate <sup>(3)</sup>	Original Term to Maturity (in years)	Approximate Weighted Average Margins of Participations <sup>(4)</sup>
1	Ginnie Mae II	\$ 53,918,419	(5)	50	1.599% to 2.049%
2	Ginnie Mae II	24,262,732	(5)	50	1.487% to 2.071%
3	Ginnie Mae II	25,601,713	(3)	50	2.140% to 7.630%
4	Ginnie Mae II	110,307,599	(5)	50	1.340% to 2.560%
5	Ginnie Mae II	35,208,148	(5)	50	1.164% to 2.515%
6	Ginnie Mae II	38,830,463	(5)	50	1.640% to 2.320%
7A	Ginnie Mae II	9,808,306	(3)	50	2.490% to 7.630%
7B	Underlying Certificate	5,533,263	(6)	(6)	(6)

- (1) The Group 7 Trust Assets consist of the enumerated subgroups (each, a "Subgroup").
- (2) The Group 1 through 6 and Subgroup 7A Trust Assets are HECM MBS (or, in the case of Pool 785183, Ginnie Mae Platinum Certificates backed by HECM MBS) backed by participation interests (each, a "Participation") in advances made to borrowers and related amounts in respect of home equity conversion mortgage loans ("HECMs") insured by FHA. See "The Trust Assets The Participations and the HECMs" in this Supplement. Certain additional information regarding the HECM MBS and Ginnie Mae Platinum Certificates, including related pool numbers, is set forth in Exhibit A to this Supplement.
- (3) The HECM MBS Rate for each Group 1 through 6 and Subgroup 7A Trust Asset is the weighted average coupon of its related Participation interest rates ("WACR"). WACR constitutes the Weighted Average Coupon Rate for purposes of this Supplement. See "The Trust Assets The Trust MBS" in this Supplement.
- (4) For Groups 1, 2 and 4 through 6, reflects the range of approximate weighted average margins on the Participations (net of the related Servicing Fee Margin) underlying the related HECM MBS pools. For Group 3 and Subgroup 7A, reflects the range of interest rates of the Participations (net of the related Servicing Fee Margin) underlying the related HECM MBS pools at issuance.

- (5) The applicable index for each of the Group 1, 2, 4, 5 and 6 Trust Assets is one-year CMT ("One-Year CMT"). The actual HECM lifetime and, with respect to Pool CW9869 included in the Group 6 Trust Assets, annual caps on interest rate adjustments may limit whether the HECM MBS Rate for a particular Group 1, 2, 4, 5 or 6 Trust Asset remains at One-Year CMT (as determined pursuant to the HECM loan documents) plus the applicable margin. See "The Trust Assets The Trust MBS" and "Risk Factors Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2 and 4 through 6 securities" in this Supplement.
- (6) Certain information regarding the Underlying Certificate is set forth in Exhibits D and E to this Supplement.

**Security Groups:** This series of Securities consists of multiple Security Groups (each, a "Group"), as shown on the front cover of this Supplement and on Schedule I to this Supplement. Except in the case of the MX Classes, payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

**Assumed Characteristics of the HECMs and the Participations Underlying the Group 1 through 6 and Subgroup 7A Trust Assets:** The assumed characteristics of the HECMs and the Participations underlying the Group 1 through 6 and Subgroup 7A Trust Assets are identified in Exhibit A to this Supplement. The assumed characteristics may differ, perhaps significantly, from the characteristics of the HECMs and the related Participations as of the date of issuance of the related HECM MBS or Ginnie Mae Platinum Certificate, which characteristics are identified in the related HECM MBS Prospectus Supplement or the related Platinum Certificate Offering Circular Supplement, as applicable. There can be no assurance that the actual characteristics of the HECMs and the Participations underlying the Group 1 through 6 and Subgroup 7A Trust Assets will be the same as the assumed characteristics identified in Exhibit A to this Supplement.

Assumed Characteristics of the HECMs and the Participations Underlying the Subgroup 7B Underlying Certificate: The assumed characteristics of the HECMs and the Participations underlying the Underlying Certificate are identified in the respective updated Exhibit A for the Underlying Certificate (the "Updated Exhibit A") in Exhibit E to this Supplement. The assumed characteristics may differ, perhaps significantly, from the characteristics of the HECMs and the related Participations as of the date of issuance of the related HECM MBS, which characteristics are identified in the related HECM MBS Prospectus Supplement. There can be no assurance that the actual characteristics of the HECMs and the Participations underlying the Underlying Certificate will be the same as the assumed characteristics identified in the Updated Exhibit A in Exhibit E to 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 Regular and MX Class. *See "Description of the Securities" in this Supplement.* 

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

Class	Interest Rate Formula(1)	Initial Interest Minimum Rate(2) Rate(3)(5)	Maximum Rate(4)	Delay (in days)	30-day Average SOFR for Minimum Interest Rate
Security Group 1					
FA	30-day Average SOFR + 1.040%	6.35000% 1.04000%	(4)	0	0.00000%
Security Group 2					
FB	30-day Average SOFR + 1.040%	6.35000% 1.04000%	(4)	0	0.00000%
Security Groups 1 and 2					
AF	30-day Average SOFR + 1.040%	6.35000% 1.04000%	(5)	0	0.00000%
Security Group 4					
BF	30-day Average SOFR + 1.020%	6.33495% 1.02000%	(4)	0	0.00000%
Security Group 5					
FC	30-day Average SOFR + 1.020%	6.33560% 1.02000%	(4)	0	0.00000%
Security Group 6					
CF	30-day Average SOFR + 1.045%	6.35500% 1.04500%	(4)	0	0.00000%

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

Each of the Floating Rate Classes will bear interest during each Accrual Period at a per annum rate equal to the lesser of the related maximum rate and the result based on the related interest rate formula described above.

The approximate initial Interest Rates for the Interest Only Classes and Classes BA, BZ, DA and DC are set forth in the table below.

Class	Approximate Initial Interest Rate <sup>(1)</sup>
Security Group 1	
AI	0.93307%
Security Group 2	
BI	0.80792%
Security Group 3	
BA	4.22891%
BZ	4.22891%
Security Group 4	
IB	0.78237%
Security Group 5	
CI	0.97804%
Security Group 6	
IC	0.90780%
Security Groups 5 and 6	
IO <sup>(2)</sup>	0.94120%
Security Group 7	
DA	4.13560%
DC	4.13560%

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

<sup>(3)</sup> The minimum rate for any Accrual Period will be the lesser of (i) the rate indicated in this table under the heading "Minimum Rate" and (ii) the WACR for the related Trust Asset Group.

<sup>(4)</sup> The maximum rate for any Accrual Period will be the WACR for the related Trust Asset Group. See "Risk Factors — The maximum rate on each floating rate class could limit the amount of interest that accrues on such class" in this Supplement.

<sup>(5)</sup> The minimum rate and maximum rate for Class AF for any Accrual Period will be limited by the aggregate interest accrued on its related REMIC Classes for that Accrual Period.

(1) The approximate initial Interest Rates for the Classes set forth in the table above were calculated using the assumed characteristics of the Group 1 through 6 and Subgroup 7A HECMs and the Participations underlying the related Group 1 through 6 and Subgroup 7A Trust Assets set forth in Exhibit A, which are provided by the Sponsor as of October 1, 2023. In addition, the approximate initial Interest Rates for Classes DA and DC were also calculated using the assumed characteristics of the Subgroup 7B Underlying Certificate and the Subgroup 7B HECMs and the Participations underlying the Subgroup 7B Trust Asset set forth in Exhibit E, which are provided by the Sponsor as of October 1, 2023. The assumed characteristics include rounded weighted average gross interest rates on the HECMs related to the Participations backing the Trust Assets. The actual initial Interest Rates for such Classes will be calculated based on the interest that accrues on each HECM, aggregated and then rounded to a different level of precision. Therefore the actual Interest Rates for such Classes may differ from the approximate initial Interest Rates set forth herein. On or about the first Distribution Date, investors can obtain the actual initial Interest Rates for such Classes for the related Accrual Period from the Trustee's website, www.usbank.com/abs.

## (2) MX Class.

Each of Classes BA, BZ, DA and DC is an HWAC Class that will bear interest during each Accrual Period at a per annum rate equal to the WACR of the related Trust Assets.

Class IO is an MX Class that is an HWAC Class that will accrue interest during each Accrual Period at an equivalent annualized rate derived by aggregating the accrued interest on its related REMIC Classes for such Accrual Period expressed as a percentage of its outstanding notional balance for such Accrual Period.

**Interest Rate for each Interest Only Class (other than the MX Class):** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the excess, if any, of (I) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the related Trust Asset Group over (II) the Interest Accrual Amount for the related Principal Bearing Class for such Distribution Date, divided by (b) the sum of the Class Principal Balance of the related Stripped Principal Bearing Class and the Deferred Interest Amount of the related Interest Only Class as of the related Record Date for such Interest Only Class.

**Interest Rate for each of Classes BA, BZ, DA and DC:** For any Distribution Date, a per annum rate equal to the product of (i) 12 multiplied by (ii) the quotient of (a) the interest accrued for the Accrual Period immediately preceding such Distribution Date on the related Trust Asset Group, divided by (b) the outstanding principal balance of the related Trust Asset Group as of the related Record Date for such Class.

**Distributions:** On each Distribution Date, the following distributions will be made to the related Securities:

#### **SECURITY GROUP 1**

The Group 1 Available Distribution Amount will be allocated in the following order of priority:

- 1. Concurrently, to AI and FA, pro rata based on their respective Interest Accrual Amounts, up to the Class AI Interest Accrual Amount and the Class FA Interest Accrual Amount for such Distribution Date
- 2. To FA, in reduction of its Class Principal Balance, up to the amount of the Class FA Principal Distribution Amount for such Distribution Date, until retired
  - 3. To AI, until the Class AI Deferred Interest Amount is reduced to zero

## **SECURITY GROUP 2**

The Group 2 Available Distribution Amount will be allocated in the following order of priority:

- 1. Concurrently, to BI and FB, pro rata based on their respective Interest Accrual Amounts, up to the Class BI Interest Accrual Amount and the Class FB Interest Accrual Amount for such Distribution Date
- 2. To FB, in reduction of its Class Principal Balance, up to the amount of the Class FB Principal Distribution Amount for such Distribution Date, until retired
  - 3. To BI, until the Class BI Deferred Interest Amount is reduced to zero

## **SECURITY GROUP 3**

The Group 3 Available Distribution Amount will be allocated in the following order of priority:

- 1. To BA, up to the Class BA Interest Accrual Amount for such Distribution Date
- 2. To BA, in reduction of its Class Principal Balance, until retired
- 3. To BZ, up to the Class BZ Interest Accrual Amount for such Distribution Date
- 4. To BZ, in reduction of its Class Principal Balance, until retired

#### **SECURITY GROUP 4**

The Group 4 Available Distribution Amount will be allocated in the following order of priority:

- 1. Concurrently, to BF and IB, pro rata based on their respective Interest Accrual Amounts, up to the Class BF Interest Accrual Amount and the Class IB Interest Accrual Amount for such Distribution Date
- 2. To BF, in reduction of its Class Principal Balance, up to the amount of the Class BF Principal Distribution Amount for such Distribution Date, until retired
  - 3. To IB, until the Class IB Deferred Interest Amount is reduced to zero

## **SECURITY GROUP 5**

The Group 5 Available Distribution Amount will be allocated in the following order of priority:

- 1. Concurrently, to CI and FC, pro rata based on their respective Interest Accrual Amounts, up to the Class CI Interest Accrual Amount and the Class FC Interest Accrual Amount for such Distribution Date
- 2. To FC, in reduction of its Class Principal Balance, up to the amount of the Class FC Principal Distribution Amount for such Distribution Date, until retired
  - 3. To CI, until the Class CI Deferred Interest Amount is reduced to zero

## **SECURITY GROUP 6**

The Group 6 Available Distribution Amount will be allocated in the following order of priority:

- 1. Concurrently, to CF and IC, pro rata based on their respective Interest Accrual Amounts, up to the Class CF Interest Accrual Amount and the Class IC Interest Accrual Amount for such Distribution Date
- 2. To CF, in reduction of its Class Principal Balance, up to the amount of the Class CF Principal Distribution Amount for such Distribution Date, until retired
  - 3. To IC, until the Class IC Deferred Interest Amount is reduced to zero

## **SECURITY GROUP 7**

The Group 7 Available Distribution Amount will be allocated in the following order of priority:

- 1. Concurrently, to DA and DC, pro rata based on their respective Interest Accrual Amounts, up to the Class DA Interest Accrual Amount and the Class DC Interest Accrual Amount for such Distribution Date
  - 2. To DA, in reduction of its Class Principal Balance, until retired
  - 3. To DC, in reduction of its Class Principal Balance, until retired

Available Distribution Amount: For each of Security Groups 1 through 6, with respect to each Distribution Date, the excess, if any, of (a) the sum of (i) the product of (A) the original principal amount of the related HECM MBS and (B) the Certificate Factor or Calculated Certificate Factor, as applicable, for the preceding Distribution Date and (ii) the interest accrued with respect to such HECM MBS for the related Accrual Period over (b) the product of (i) the original principal amount of such HECM MBS and (ii) the Certificate Factor or Calculated Certificate Factor, as applicable, for the current Distribution Date. For Security Group 7, with respect to each Distribution Date, the sum of (x) for Subgroup 7A, the excess, if any, of (a) the sum of (i) the product of (A) the original principal amount of the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS, as applicable, and (B) the Certificate Factor (including Ginnie Mae Platinum Factor) or Calculated Certificate Factor, as applicable, for the preceding Distribution Date and (ii) the interest accrued with respect to such HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS, as applicable, for the related Accrual Period over (b) the product of (i) the original principal amount of such HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS, as applicable, and (ii) the Certificate Factor (including Ginnie Mae Platinum Factor) or Calculated Certificate Factor, as applicable, for the current Distribution Date and (y) for Subgroup 7B, the amounts received in respect of the Subgroup 7B Trust Asset on such Distribution Date.

For purposes of the definitions herein, the following Security and Trust Asset Groups and Classes are related and categorized as follows:

			Principal Be	aring Classes
Security Group	Trust Asset Group	Interest Only Classes	Stripped Principal Bearing Classes	Other Principal Bearing Classes
1	1	AI	FA	N/A
2	2	BI	FB	N/A
3	3	N/A	N/A	BA, BZ
4	4	IB	BF	N/A
5	5	CI	FC	N/A
6	6	IC	CF	N/A
7	7	N/A	N/A	DA, DC

**Deferred Interest Amount for each Interest Only Class (other than the MX Class):** With respect to any Distribution Date, the excess, if any, of (i) the sum of all Interest Accrual Amounts for such Interest Only Class for each Accrual Period ending before such Distribution Date over (ii) the sum of (a) all amounts distributed in respect of such Class on all prior Distribution Dates plus (b) the amount distributed as an Interest Accrual Amount in respect of such Class on such Distribution Date, as specified for the related Security Group in "Terms Sheet — Distributions" in this Supplement. On or about each Distribution Date, the Deferred Interest Amount is available on reports published by the Trustee on its website, www.usbank.com/abs.

**Deferred Interest Amount for Class IO:** With respect to any Distribution Date, the sum of the Deferred Interest Amounts for the related REMIC Classes shown on Schedule I to this Supplement.

**Interest Accrual Amount for each Interest Only Class (other than the MX Class):** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Interest Rate on the Class Notional Balance of such Class as of the related Record Date.

**Interest Accrual Amount for Classes AF and IO:** For any Distribution Date, the sum of the Interest Accrual Amounts for the related REMIC Classes shown on Schedule I to this Supplement.

**Interest Accrual Amount for Principal Bearing Classes (other than the MX Class):** For any Distribution Date, interest accrued during the related Accrual Period for such Distribution Date at the related Interest Rate on the Class Principal Balance of such Class as of the related Record Date.

Principal Distribution Amount for each Stripped Principal Bearing Class: For any Distribution Date, the product of (i) the excess, if any, of (a) the related Group Available Distribution Amount for such Distribution Date over (b) the sum of the Interest Accrual Amount for the Stripped Principal Bearing Class and the Interest Accrual Amount for the related Interest Only Class for such Distribution Date, and (ii) the quotient of (a) the Class Principal Balance of the Stripped Principal Bearing Class as of the related Record Date divided by (b) the sum of (x) the Class Principal Balance of the Stripped Principal Bearing Class as of the related Record Date and (y) the Deferred Interest Amount of the related Interest Only Class as of the related Record Date.

**Notional Classes:** The Notional Classes will not receive distributions of principal based on their Class Notional Balances 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 or increases to that extent with, the outstanding principal balance of the related Trust Asset Group or Groups indicated:

Class	Original Class Notional Balance	Represents
Security Group 1		
AI	\$ 53,918,419	100% of the Group 1 Trust Assets
Security Group 2		
ВІ	24,262,732	100% of the Group 2 Trust Assets
Security Group 4		
IB	110,307,599	100% of the Group 4 Trust Assets
Security Group 5		
CI	35,208,148	100% of the Group 5 Trust Assets
Security Group 6		
IC	38,830,463	100% of the Group 6 Trust Assets
Security Groups 5 and 6		
IO	74,038,611	100% of the Group 5 Trust Assets and the Group 6 Trust Assets (in the aggregate)

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

Trust Assets	Trust REMIC
Group 1 Trust Assets	Group 1 Pooling REMIC and Group 1 Issuing REMIC
Group 2 Trust Assets	Group 2 Pooling REMIC and Group 2 Issuing REMIC
Group 3 Trust Assets	Group 3 Pooling REMIC and Group 3 Issuing REMIC
Group 4 through 7 Trust Assets	Group 4 through 7 Pooling REMIC and Group 4 through 7 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, RR1, RR2 and RR3 are Residual Classes. Each of the Residual Classes represents the Residual Interest of the related Trust REMICs, as described under "Certain United States Federal Income Taxes — Residual Securities" in this Supplement. All other Classes of REMIC Securities are Regular Classes. *See "Certain United States Federal Income Tax Consequences" in this Supplement and in the Base Offering Circular.* 

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

In addition to voluntary prepayments, HECMs can be prepaid as a result of governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted HECMs. Although under certain circumstances Ginnie Mae issuers have the option to repurchase defaulted HECMs from the related pool underlying a Ginnie Mae HECM MBS certificate, they are not obligated to do so. Defaulted HECMs that remain in pools backing Ginnie Mae HECM 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 related HECMs. Any such event may damage the related mortgaged properties that secure the HECMs 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 HECMs in such areas resulting in prepayments on the HECMs related to the participations underlying the trust assets due to governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted HECMs. Insurance payments on damaged or destroyed homes may also lead to prepayments on the related HECMs. 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 HECMs from the related pool underlying a Ginnie Mae MBS certificate, even if such HECMs 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 HECMs and the resulting effect on the timing or rate of principal payments on your securities.

It is uncertain when payments will be made in respect of securities backed by HECM MBS. The rate of voluntary prepayments and the occurrence of maturity events and Ginnie Mae issuer purchase events with respect to HECMs are uncertain. A borrower may prepay in whole or in part the outstanding balance of a HECM at any time without penalty, including any accrued interest thereon. No interest or principal is required to be paid by the borrower, however, until maturity, which generally occurs upon the occurrence of a maturity event, which may be deferred under certain circumstances. A Ginnie Mae issuer of a HECM MBS is obligated to purchase, under certain circumstances, all participations related to a HECM.

It is uncertain when any amounts might be paid on securities backed by HECM MBS because it is uncertain (i) whether a HECM borrower will choose to prepay amounts advanced in whole or in part, (ii) when any maturity event might occur, whether that maturity event will be deferred and, if so, the extent of the deferral, and (iii) when any Ginnie Mae issuer purchase event might occur, and thus the yields on and weighted average lives of securities backed by HECM MBS may differ substantially from an investor's expectations. See "Risk Factors" and "Prepayment and Yield Considerations" in the HECM MBS Base Prospectus and "Yield, Maturity and Prepayment Considerations" in this supplement.

From time to time FHA and the residential mortgage industry make changes to the requirements, procedures and related fees for originating, refinancing and servicing HECMs. Any of these changes may result in HECM MBS backed by participations related to HECMs subject to different underwriting or servicing requirements or procedures. Such changes may impact borrower prepayment, delinquency, refinance and mortgage insurance claim rates and may influence the decision by a Ginnie Mae issuer whether to exercise any optional Ginnie Mae issuer purchase event.

The enforceability of some HECM maturity event clauses may be uncertain. HECMs contain clauses defining maturity events. The clauses in some HECMs permit the issuer to declare the HECM due and payable upon the death of the last surviving borrower. Litigation by surviving non-borrower spouses may interfere with or affect the ability of the issuer to realize upon the collateral. The inability to enforce a due-on-death clause may affect the weighted average lives and the yields realized by investors in the 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.

HECM borrowers may choose from various payment plans, each of which has different prepayment characteristics that may affect the weighted average lives and yields of the securities. For example, line of credit payment plans may experience higher prepayment rates than other payment plans. To the extent that the HECMs include a large concentration of line of credit HECMs, such HECMs may experience higher prepayment rates. Higher prepayment rates will reduce, perhaps significantly, the weighted

average lives of the securities. Reductions in the weighted average lives of the securities will affect the yields on the securities. HECM borrowers may have the ability to change to another available payment plan at any time as long as the change complies with the FHA requirements in effect. See "The Trust Assets — The Participations and the HECMs" in this supplement.

A HECM that has been drawn up to its principal limit, or becomes drawn up to its principal limit early in its term, could result in a reduction of the weighted average lives of and yields on the related securities. A borrower's principal limit for a HECM represents the maximum disbursement that the borrower can receive under the HECM and is calculated, in part, on the basis of the maximum claim amount for such HECM. The borrower's access to the principal limit may be restricted by the FHA loan origination requirements applicable to the related HECM. The maximum claim amount for a HECM generally represents the lender's maximum insurance claim from HUD for such HECM. A HECM with a loan balance that is approaching or has reached its principal limit, or that is fully drawn early in its term, is likely to reach its maximum claim amount sooner than a HECM with significant remaining credit availability that is drawn over an extended period of time. When a HECM approaches its maximum claim amount, a mandatory purchase event or a 98% optional purchase event may occur. If a purchase of all participations relating to a HECM occurs under such a Ginnie Mae issuer purchase event, the purchase will result in a payment in respect of the related securities and will reduce the weighted average lives of such securities. Reductions in the weighted average lives of the securities will affect, perhaps significantly, the yields on the securities.

The levels of any interest rate indices applicable to the group 1, 2 and 4 through 6 Trust Assets or securities will affect payments and yields on the group 1, 2 and 4 through 6 securities. If any interest rate index applicable to the group 1, 2 and 4 through 6 Trust Assets or securities performs differently from what you expect, the yield on your securities may be lower than you expect. Lower levels of any applicable interest rate index may reduce the yield on floating rate securities. You should bear in mind that the timing of changes in any applicable interest rate index may also affect your yield: generally the earlier a change in an applicable interest rate

index occurs, the greater the effect such change will have on your yield. It is doubtful that any applicable interest rate index will remain constant.

In addition, higher levels of any interest rate index applicable to adjustable rate HECMs will increase the rate at which such HECMs reach their maximum claim amounts. When a HECM approaches its maximum claim amount, certain Ginnie Mae issuer purchase events could occur resulting in a prepayment in respect of the related securities and reductions in the weighted average lives of the related securities. Reductions in the weighted average lives of the securities will affect, perhaps significantly, the yields on the securities.

The applicable interest rate indices for the group 1, 2 and 4 through 6 Trust Assets and securities are identified under "Terms Sheet — Trust Assets" and "— Interest Rates" in this supplement.

Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2 and 4 through 6 securities. If the applicable interest rate index increases to a sufficiently high level, the interest rates on the adjustable rate HECMs related to the participations underlying the group 1, 2 and 4 through 6 trust assets may be limited by caps. As a result, the WACR on the related HECM MBS, as well as the interest rates on the related securities, may be limited. The application of any caps on the adjustable rate HECMs may significantly impact the interest rates on the interest only classes in groups 1, 2 and 4 through 6 because the interest entitlement of such classes of securities is entirely dependent on the WACR of the related trust asset group.

The maximum rate on each floating rate class could limit the amount of interest that accrues on such class. The maximum rate on Class AF is limited by the interest accrued on its related REMIC classes. If 30-day Average SOFR exceeds certain levels, the interest rate on Class AF will be capped to the extent that the interest rates on its related REMIC classes are capped as described in the next sentence. Each Floating Rate Class (other than Class AF) is subject to a maximum rate that is equal to the WACR for the related trust asset group.

The mortgage interest rate index for the HECMs related to the participations directly or indirectly underlying the group 1, 2 and 4 through 6 trust assets is different than the interest rate index for the related securities, which may impact, perhaps significantly, the amount of interest distributable to the securities after any applicable initial fixed rate period of the related HECMs. Because of the differences in how, when and how often the applicable interest rate index for such HECMs is determined compared to how, when and how often the related securities interest rate index is determined, there may be a mismatch between the interest rates on the group 1, 2 and 4 through 6 trust assets and the interest rates on the related securities. In addition, the HECMs related to the group 1, 2 and 4 through 6 trust assets may have different monthly or annual interest rate adjustment dates, which may affect the WACR of the related HECM MBS and the interest entitlements of the group 1, 2 and 4 through 6 trust assets and may magnify the difference between the WACR of the group 1, 2 and 4 through 6 trust assets and the interest rates on the related securities.

If the applicable interest rate index for such HECM MBS is lower than the related securities interest rate index for any accrual period, interest accruals with respect to the related notional class may be reduced because such notional class is entitled to receive the excess of interest accrued in respect of the related trust assets, as applicable, over the interest distributable to the related floating rate class. In addition, if the applicable interest rate index for such HECMs is significantly lower than the related securities interest rate index for any accrual period, interest accruing on the related floating rate class may be reduced because the interest rate on such floating rate class is capped at a rate equal to the WACR of the related trust assets. In the event that the applicable interest rate index for such HECMs is higher than the related securities interest rate index, interest accruing on the related floating rate class may not be affected but interest accruals with respect to the related notional class will be increased.

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.

The rate of reduction or increase in the principal balance of the underlying certificate will directly affect the rate of reduction or increase in the principal balances of the group 7 securities. The underlying certificate will be sensitive to the rate of payments of principal (including prepayments) of the related HECMs. This supplement contains no information as to whether the underlying certificate has performed as originally anticipated. Additional information as to the underlying certificate may be obtained by performing an analysis of the current class factors of the underlying certificate in light of applicable information contained in the underlying certificate disclosure document.

An investment in the group 1, 2 and 4 through 6 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 Classes" in this supplement, the return on and value of the group 1, 2 and 4 through 6 securities may fluctuate more than debt securities linked to less volatile indices.

30-day Average SOFR is a relatively new market index and the group 1, 2 and 4 through 6 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 group 1, 2 and 4 through 6 securities and the suitability of investing in the group 1, 2 and 4 through 6 securities in light of your particular circumstances.

Interest on the floating rate securities will be determined using a replacement rate if 30-day Average SOFR is no longer available, which could adversely affect the value of your investment in the group 1, 2 and 4 through 6 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 group 1, 2 and 4 through 6 securities.

If 30-day Average SOFR is no longer published or cannot be used, the amount of interest payable on the floating rate securities will be determined using a replacement rate, as described under "Description of the Securities — Interest Rate Indices — Benchmark Replacement" in the Base Offering Circular, Ginnie Mae will have the sole discretion to make conforming changes in connection with any replacement rate without the consent of security holders or any other party, as described under "Description of the Securi-Rate Indices — Benchmark ties — Interest Replacement" in the Base Offering Circular. This could reduce the amount of interest payable on the floating rate securities, which could adversely affect the return on, value of, and market for, the group 1, 2 and 4 through 6 securities. Furthermore, there can be no assurance that the characteristics of any replacement rate will be similar to 30-day Average SOFR or that any replacement rate will produce the economic equivalent of 30-day Average SOFR.

The securities may not be a suitable investment for you. The securities, especially the group 7 securities and, in particular, the interest only 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 HECMs and the participations underlying the trust assets and the underlying certificate affect the weighted average lives and yields of your securities. The yield and decrement tables in this supplement are based on assumed characteristics that are likely to be different from the actual characteristics. Furthermore, certain of the assumed characteristics identified in Exhibits A and E to this supplement, such as maximum claim amount and HECM MBS or Ginnie Mae Platinum Certificate principal balance, are calculated on an aggregate basis which may cause results to differ, perhaps significantly, from those calculated using the actual characteristics of the trust assets on a HECM or participation level basis. As a result, the yields on your securities could be lower than you expected, even if the HECMs prepay at the constant prepayment rates set forth in the applicable table.

It is highly unlikely that the HECMs will prepay at any of the prepayment rates assumed or draw at any of the draw rates assumed, if any, in this supplement, or at any constant rate.

Lack of publicly available information on the HECMs and the related participations underlying the trust assets may adversely affect the liquidity of your securities. Limited information will be made publicly available regarding the performance of the HECMs and the related participations underlying the trust assets after the closing date. The absence of publicly available information may affect your ability to sell your securities to prospective investors.

#### THE TRUST ASSETS

#### General

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

## The Trust MBS (Groups 1 through 6 and Subgroup 7A)

The Group 1 through 6 and Subgroup 7A Trust Assets are HECM MBS or Ginnie Mae Platinum Certificates backed by HECM MBS guaranteed by Ginnie Mae, and are based on or backed by Participations in advances made to borrowers and related amounts in respect of HECMs. Each such HECM MBS will accrue interest at the interest rate for that HECM MBS for each accrual period (the "HECM MBS Rate") as set forth in the related HECM MBS Disclosure Documents. The HECM MBS Rate is generally equal to the weighted average of the interest rates on the Participations (each, the "Participation Interest Rate").

The interest rate of HECM MBS backed by Participations related to adjustable rate HECMs may be limited by caps on the adjustable rate HECMs. See "Risk Factors — Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2 and 4 through 6 securities" in this Supplement.

With respect to each Participation, the Participation Interest Rate generally equals the interest rate of the related HECM less the Servicing Fee Margin. The Servicing Fee Margin generally represents the amount of the servicing compensation payable to the Ginnie Mae Issuer and the Ginnie Mae guaranty fee. However, the Servicing Fee Margin may vary depending on the Issue Date of the HECM MBS and whether the servicing compensation for the HECM is paid on a flat monthly fee arrangement or as a portion of the mortgage interest rate.

Amounts accrued on each HECM MBS in respect of interest each month will equal the product of (i) one-twelfth of the HECM MBS Rate and (ii) the unpaid and outstanding principal amount of such HECM MBS at the end of the prior month. Each month the accrued interest with respect to each HECM MBS will be added to the then outstanding principal balance of such HECM MBS. There are no scheduled payments of interest. It is generally anticipated that no payment in respect of any HECM MBS will be paid until the occurrence of a Maturity Event, which may be deferred in certain circumstances, or in the event that a borrower makes a voluntary prepayment in whole or in part of the outstanding principal balance of the related HECM or a Ginnie Mae Issuer purchase event occurs.

The HECM MBS Disclosure Documents or Platinum Certificate Disclosure Documents may be obtained from the Information Agent as described under "Available Information" in this Supplement. Investors are cautioned that material changes in facts and circumstances may have occurred since the date of the HECM MBS Disclosure Documents or Platinum Certificate Disclosure Documents, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions used in preparing the information included in, the offering document.

Ginnie Mae Platinum Program. Under the Ginnie Mae Platinum Program, the holder of a number of Ginnie Mae I Certificates or Ginnie Mae II Certificates may deposit those certificates into a trust, and in each case, the depositor will receive a larger denominated Ginnie Mae Platinum Certificate. If the Ginnie Mae I Certificates or Ginnie Mae II Certificates deposited bear a fixed rate of interest, then all certificates (other than HECM MBS) deposited must bear the same fixed rate. Fixed rate HECM MBS may be combined with other fixed rate HECM MBS in exchange for a Ginnie Mae Platinum Certificate that bears interest at the weighted average coupon of the deposited HECM MBS. Adjustable rate Ginnie Mae II Certificates may be combined with other adjustable rate Ginnie Mae II Certificates with the same index and periodic and lifetime caps, but without regard to interest rate or payment adjustment dates, in exchange for a Ginnie Mae Platinum Certificate that bears interest at the weighted average coupon of the deposited

Ginnie Mae II Certificates. For purposes of the Base Offering Circular and this Offering Circular Supplement, (a) the term "Ginnie Mae I Certificate" means a Ginnie Mae I MBS Certificate or a Ginnie Mae Platinum Certificate backed by Ginnie Mae I MBS Certificates, and (b) the term "Ginnie Mae II Certificate" means a Ginnie Mae II MBS Certificate or a Ginnie Mae Platinum Certificate backed by Ginnie Mae II MBS Certificates.

The Participations and the related HECMs are further described in the tables in the Terms Sheet hereof and in Exhibit A to this Supplement. Exhibit A also sets forth information regarding approximate loan ages of the related HECMs and weighted average information regarding various characteristics of the HECMs relating to the Participations underlying the related HECM MBS.

## The Underlying Certificate (Subgroup 7B)

The Subgroup 7B Trust Asset is an Underlying Certificate that represents beneficial ownership interests in a separate trust, the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. The Underlying Certificate constitutes all or a portion of a class of a separate Series of certificates described in the related Underlying Certificate Disclosure Document. The Underlying Certificate Disclosure Document may be obtained from ginniemae.gov or the Information Agent as described under "Available Information" in this Supplement. Investors are cautioned that material changes in facts and circumstances may have occurred since the date of the Underlying Certificate Disclosure Document, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions used in preparing the information included in, such offering document. See "Underlying Certificates" in the Base Offering Circular:

The Underlying Certificate provides for monthly distributions and is further described in the tables contained in Exhibits D and E to this Supplement. The tables also set forth information regarding the approximate weighted average HECM age and gross coupon of the HECMs underlying the Underlying Certificate.

## The Participations and the HECMs

The Participations and the related HECMs underlying the Group 1 through 6 and Subgroup 7A Trust Assets are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A and the general characteristics described in the Base Offering Circular and the HECM MBS Disclosure Documents. The Participations and the related HECMs underlying the Underlying Certificate are expected to have, on a weighted average basis, the characteristics set forth in Exhibits D and E to this supplement. The Participations are related to interests in advances made to borrowers and related amounts in respect of first lien, single-family, fixed rate and adjustable rate residential HECM loans insured by the Federal Housing Administration. See "The Ginnie Mae Certificates — General" in the Base Offering Circular.

HECM borrowers may choose from various payment plans, which may be limited or influenced by the characteristics of their particular HECM. These characteristics include, among other things, the value of the mortgaged property, the amount disbursed to the HECM borrower at closing, the age of the HECM borrower and in certain cases the age of any non-borrowing spouse, and the type of interest rate selected by the HECM borrower at closing. HECM borrowers may have the ability to change to another available payment plan at any time as long as the change complies with FHA requirements. The "single disbursement lump sum" payment plan allows a single draw at closing of up to a specified percentage of the principal limit of the HECM plus subsequent disbursements after closing for set-asides. The "tenure" payment plan guarantees that the borrower will receive equal monthly payments for so long as the property remains the borrower's principal residence. The "term" payment plan guarantees that the borrower will receive monthly payments for a fixed term of months as selected by the borrower. The "line of credit" payment plan allows the borrower to draw up to the available line of credit and in amounts of the borrower's choosing. The "modified tenure" payment plan allows the borrower to set aside a portion of loan proceeds as a line of credit and receive the remaining balance in the form of equal monthly payments. The "modified term" payment plan allows the borrower to set aside a portion of the loan proceeds as a line of credit and receive the remaining balance as equal monthly payments for a fixed period of time selected by the borrower. Each payment plan is designed so that no repayments of principal or interest are required until a Maturity Event occurs, which may be deferred in certain circumstances. Any HECM may be prepaid in whole or in part at any time without penalty under each of the payment plans. See "Risk Factors — HECM borrowers may choose from various payment plans, each of which has different prepayment characteristics that may affect the weighted average lives and yields of the securities" in this Supplement.

Each monthly adjustable rate HECM MBS is backed by Participations related to adjustable rate HECMs with interest rates that adjust (i) on a monthly basis, (ii) in the month immediately following the issuance of the related HECM MBS and (iii) on the same interest rate adjustment date equal to the first day of the month. Each annual adjustable rate HECM MBS is backed by Participations related to adjustable rate HECMs with interest rates that adjust (i) on an annual basis, (ii) within twelve (12) months following the issuance of the related HECM MBS and (iii) notwithstanding anything to the contrary in the HECM MBS Disclosure Documents, on the same or different interest rate adjustment dates. See "Risk Factors — The mortgage rate index for the HECMs related to the participations directly or indirectly underlying the group 1, 2 and 4 through 6 trust assets is different than the interest rate index for the related securities, which may impact, perhaps significantly, the amount of interest distributable to the securities after any applicable initial fixed rate period of the related HECMs" in this Supplement.

Specific information regarding the individual characteristics of the Participations and the related HECMs is not available. For purposes of this Supplement, certain assumptions have been made regarding the characteristics of the Participations and the related HECMs. However, the actual characteristics of many of the Participations and the related HECMs will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Participations and the related HECMs are the same as the assumed characteristics. Small differences in the characteristics of the Participations and the related HECMs can have a significant effect on the Weighted Average Lives and yields of the Securities. See "Terms Sheet — Assumed Characteristics of the HECMs and the Participations Underlying the Group 1 through 6 and Subgroup 7A Trust Assets," "Terms Sheet — Assumed Characteristics of the HECMs and Participations Underlying the Subgroup 7B Underlying Certificate," "Risk Factors," "Yield, Maturity and Prepayment Considerations" and Exhibits A and E 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 will be issued in minimum dollar denominations of initial principal or notional balance of \$100,000 and integral multiples of \$1 in excess of \$100,000.

#### **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 applicable Available Distribution Amount will be distributed to the related 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 or accrued as described under "Terms Sheet — Distributions" in this Supplement.

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

## Categories of Classes

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

#### Accrual Period

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

Class	Accrual Period
Delay Classes	The calendar month preceding the related Distribution Date
Floating Rate Classes	From the 20 <sup>th</sup> day of the month preceding the month of the related Distribution Date through the 19 <sup>th</sup> day of the month of that Distribu-
	tion Date

## Floating Rate Classes

The Floating Rate Classes will bear interest as shown under "Terms Sheet — Interest Rates" in this Supplement.

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

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

## HECM MBS Weighted Average Coupon Classes

Each HECM MBS Weighted Average Coupon Class will bear interest as shown under "Terms Sheet — Interest Rates" in this Supplement.

The interest that will be distributed or accrued, as applicable, on each HECM MBS Weighted Average Coupon Class will be limited by the interest that is distributed or accrued in respect of the related Trust Assets. With respect to the Participations underlying the Group 1, 2 and 4 through 6 Trust Assets, see "Risk Factors — Adjustable rate HECMs are subject to limitations on interest rate adjustments, which may limit the amount of interest payable in respect of the related HECM MBS and may limit the WACR on the related HECM MBS and the interest rates on the group 1, 2 and 4 through 6 securities" in this Supplement and "Risk Factors — The mortgage rate index for the HECMs related to the participations directly or indirectly underlying the group 1, 2 and 4 through 6 trust assets is different than the interest rate index for the related securities, which may impact, perhaps significantly, the amount of interest distributable to the securities after any applicable initial fixed rate period of the related HECMs" in this Supplement.

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 from ginniemae.gov or by calling the Information Agent at (800) 234-GNMA.

## HECM MBS Accrual Classes

Each of Classes BA, BF, BZ, CF, DA, DC, FA, FB and FC is a HECM MBS Accrual Class. Interest will accrue on each HECM MBS Accrual Class and be distributed as described under "HECM MBS Accrual Class" in Appendix II to the Base Offering Circular.

## Deferred Interest Amounts

Any interest accrued and unpaid on a Notional Class during the Accrual Period for any Distribution Date that is not distributed because of an insufficiency in the related Available Distribution Amount for such Distribution Date increases the related Deferred Interest Amount for such Notional Class. Any such amounts distributable to the Holders of a Notional Class will be paid no later than the Final Distribution Date of such Notional Class.

## **Principal Distributions**

Amounts distributable in respect of principal will be distributed to the Holders entitled thereto as described under "Terms Sheet — Distributions" 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 based on their Class Notional Balances. 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 or increased 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 Issuing REMIC and the beneficial ownership of the Residual Interest in the related Pooling REMIC, as described in "Certain United States Federal Income Tax Consequences" in 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 REMICs 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 a HECM MBS Accrual Class) or any addition to or 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 addition to or 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 1.000000000.
- 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.
- 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:

Trust REMICs	Related Securities
Group 1 Issuing and Pooling REMICs	Group 1 Securities
Group 2 Issuing and Pooling REMICs	Group 2 Securities
Group 3 Issuing and Pooling REMICs	Group 3 Securities
Group 4 through 7 Issuing and Pooling REMICs	Group 4 through 7 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 (including any related Deferred Interest Amount). The Residual Holders will be entitled to their pro rata share of any assets remaining in the related Trust REMICs after payment in full of the amounts described in the foregoing sentence. However, any remaining assets are not likely to be significant.

With respect to each of Security Groups 1, 2 and 3, a Holder of all of the outstanding Regular Securities of 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 Trust Assets of such Security Group, but in no event less than the aggregate outstanding principal amount, if any, plus Deferred Interest Amount, if any, 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 REMICs, 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 REMICs. 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 shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class may be exchanged for proportionate interests in the related Classes of REMIC Securities. 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.

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 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 One Federal Street, 3<sup>rd</sup> Floor, Boston, MA 02110, Attention: Ginnie Mae REMIC Program Agency Group 2023-H25. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

A fee will be payable to the Trustee in connection with each exchange equal to 1/32 of 1% of the outstanding principal balance or notional balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000). 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 HECMs will affect the Weighted Average Lives of and the yields realized by investors in the related Securities.

• The rate of principal payments (including prepayments or partial payments) of the HECMs relating to the Participations underlying the Securities and the Underlying Certificate depends on a variety of economic, geographic, social and other factors, including prevailing market interest rates, home values, HECM borrower mortality, qualifying non-borrowing spouse mortality, divorce rates, changes in the value of the mortgaged property, the HECM borrower's ability to draw down additional funds without refinancing, FHA guidelines regarding HECMs, servicing decisions and court imposed limits on the rights and remedies available to a Ginnie Mae Issuer under the HECMs, and will affect the Weighted Average Lives and yields realized by investors in the related Securities. HECMs may respond differently than traditional forward mortgage loans to the factors that influence prepayment.

With respect to the related Trust Assets, the occurrence of any of the following events with respect to a HECM related to the Participations underlying the related HECM MBS (each a "Maturity Event") will, subject to deferral in certain circumstances, result in the holders of the Securities being entitled to a distribution of principal:

- if a borrower dies and the property is not the principal residence of at least one surviving borrower,
- if a borrower conveys all of his or her title in the mortgaged property and no other borrower retains title to the mortgaged property,
- if the mortgaged property ceases to be the principal residence of a borrower for reasons other than death and the mortgaged property is not the principal residence of at least one surviving borrower,
- if a borrower fails to occupy the mortgaged property for a period of longer than 12 consecutive months because of physical or mental illness and the mortgaged property is not the principal residence of at least one other borrower, or
- if a borrower fails to perform any of its obligations under the HECM (for example, the failure of the borrower to make certain agreed upon repairs to the mortgaged property or the failure of the borrower to pay taxes and hazard insurance premiums).

Some HECMs may provide for the deferral of a Maturity Event when the last surviving borrower dies with a non-borrowing spouse who satisfies FHA qualifying attributes and ongoing requirements for deferral. This deferral ceases when the non-borrowing spouse fails to qualify or satisfy FHA requirements for deferral, at which point the Maturity Event is no longer deferred and the HECM will become due and payable in accordance with FHA procedures.

Generally, a HECM is not repaid immediately upon the occurrence of a Maturity Event, but continues to accrue interest until the liquidation of the related mortgaged property and the repayment of the HECM or the receipt of insurance proceeds from FHA. Any resulting shortfall to investors in the related Securities with respect to any Participations in the related HECM will be covered by Ginnie Mae pursuant to its guaranty of the Securities.

A Ginnie Mae Issuer is obligated to purchase all Participations related to a HECM when the outstanding principal amount of the related HECM is equal to or greater than 98% of the "Maximum Claim Amount," and a Ginnie Mae Issuer has the option to purchase all Participations related to a HECM to the extent that any borrower's request for an additional advance in respect of any HECM, if funded, together with the outstanding principal amount of the related HECM is equal to or greater than 98% of the "Maximum Claim Amount" or when a HECM becomes, and continues to be, due and payable in accordance with its terms, as applicable (any such purchase referred to herein as a "Ginnie Mae Issuer Purchase Event"). In connection with such repurchase, the Ginnie Mae Issuer will pay an amount (the "Release

Price") equal to the outstanding principal amount of all of the Participations related to such HECMs, and Ginnie Mae will relinquish all right, title and interest it has in the HECMs and the related Participations. With respect to each Participation, the "outstanding principal amount" of such Participation is the original principal amount of such Participation as of the related Issue Date of the related HECM MBS, increased by the Accrued Interest with respect to such Participation and decreased by any payments made in respect of such Participation. For purposes of determining the Release Price, the "Accrued Interest" with respect to any Participation is the aggregate interest accrued, compounded on a monthly basis, allocable to the Participation at the related Participation Interest Rate for each month (in each case, after taking into account any payments made in reduction of such Participation) from and including the Issue Date through the last day of the reporting month (as such term is defined in the Ginnie Mae guaranty agreement for the related HECM MBS) in which the Participation is to be purchased. The Participations relating to the HECM must be purchased by the Ginnie Mae Issuer at the end of the reporting month in which the outstanding principal balance of the HECM equals or exceeds 98% of the Maximum Claim Amount for such HECM. The Release Price will be passed through to the related securityholders on the Distribution Date following the month in which such Ginnie Mae Issuer Purchase Event occurs.

Higher levels of One-Year CMT and additional draws on HECMs will increase the rate at which the related HECMs will reach their Maximum Claim Amounts. Any payment in respect of the related Securities resulting from a Ginnie Mae Issuer Purchase Event will reduce the Weighted Average Lives of such Securities and will affect, perhaps significantly, the yields on such Securities.

The occurrence of voluntary prepayments by a borrower, Maturity Events and Ginnie Mae Issuer Purchase Events will accelerate the distribution of principal of the Securities. It is uncertain when any amounts might be paid on securities backed by Participations in HECMs because it is uncertain (i) whether a HECM borrower will choose to prepay amounts advanced in whole or in part, (ii) when any Maturity Event might occur and whether that Maturity Event will be deferred and (iii) when any Ginnie Mae Issuer Purchase Event might occur. Investors in the Securities are urged to review the discussion under "Risk Factors — It is uncertain when payments will be made in respect of securities backed by HECM MBS" in this Supplement and also the HECM MBS Disclosure Documents.

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

Investors in the Group 7 Securities are urged to review the discussion under "Risk Factors — The rate of reduction or increase in the principal balance of the underlying certificate will directly affect the rate of reduction or increase in the principal balances of the group 7 securities" in this Supplement.

## **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. In the case of each Notional Class, the related Deferred Interest Amount will be reduced to zero no later than the Final Distribution Date for such Notional Class.

- 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**

The tables that follow have been prepared on the basis of the characteristics of the Underlying Certificate and the following assumptions (the "Modeling Assumptions"), among others:

- 1. The HECMs and related Participations underlying the Group 1 through 6 and Subgroup 7A Trust Assets have the assumed characteristics shown in Exhibit A, and the HECMs and related Participations underlying the Subgroup 7B Trust Asset have the assumed characteristics shown in Exhibit E.
- 2. The HECMs prepay at the constant percentages of the prepayment curve (described below and in Exhibit B) shown in the related table.

- 3. Draw activity occurs on the first day of the month and payments on the HECMs occur on the last day of the month, whether or not a Business Day, commencing in October 2023.
- 4. Distributions, if any, on the Securities are always received on the 20<sup>th</sup> day of the month, whether or not a Business Day, commencing in November 2023.
  - 5. A termination of the Trust, any Trust REMIC or the Underlying Trust does not occur.
  - 6. The Closing Date for the Securities is October 30, 2023.
- 7. 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.
- 8. Distributions on the Underlying Certificate are made as described in the Underlying Certificate Disclosure Document.
- 9. HECM borrowers who have the ability to do so draw at the annualized draw rate determined in accordance with the constant percentages of the draw curve shown in Exhibit C (the "Draw Rate"). The Draw Rate (converted to an equivalent monthly factor) is applied to the Maximum Claim Amount.
- 10. If a mandatory Ginnie Mae Issuer Purchase Event occurs with respect to a HECM, the purchase of the related Participation timely occurs. No optional Ginnie Mae Issuer Purchase Events occur.
- 11. The initial Interest Rates on the Group 1, 2 and 4 through 6 Securities will be based on the initial rates as shown under "Terms Sheet Interest Rates" in this Supplement; however, the interest rate on the Group 1, 2 and 4 through 6 adjustable rate HECMs for the first Distribution Date is based on the information set forth in Exhibit A. The Interest Rates on the 1, 2 and 4 through 6 Floating Rate Securities will adjust monthly. For purposes of the Group 1, 2 and 4 through 6 decrement tables, in all periods on or subsequent to the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A, the constant value shown of the applicable index shown in Exhibit A with respect to any such decrement table is used to calculate the interest rate with respect to the Group 1, 2 and 4 through 6 HECMs, while on all Distribution Dates occurring after the first Distribution Date, the constant value shown of the applicable index shown in the Terms Sheet with respect to any such decrement table is used to calculate the interest rate with respect to the applicable Class.
- 12. The HECMs and the Participations underlying, in the case of Pool CW9869, the Group 6 Trust Assets each have annual interest rate adjustment caps of 2%. There are no periodic interest rate adjustment caps on the HECMs and the Participations underlying the Group 1, 2, 4, 5 and 6 Trust Assets (other than Pool CW9869 included in Trust Asset Group 6).
- 13. The original term of the HECMs is 50 years. If a HECM remains outstanding after its original term of 50 years, a mandatory Ginnie Mae Issuer Purchase Event occurs with respect to such HECM.
  - 14. No borrower changes payment plans.
  - 15. Each Class is held from the Closing Date and is not exchanged in whole or in part.
- 16. Draws occur each month in respect of the Monthly Servicing Fee, if any, as set forth on Exhibit A or Exhibit E. No draws occur in respect of any set asides for property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs.

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 HECMs will not have the characteristics assumed, many Distribution
  Dates will occur on a Business Day after the 20<sup>th</sup> of the month, draw activity and prepayments, if
  any, will occur throughout the month, draws will occur in respect of set asides for property
  charges and repairs, 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.

#### **Decrement Tables**

Prepayments of mortgage loans are commonly measured by a prepayment standard or model. The model used in this Supplement is based on a prepayment curve ("PPC") consisting of a series of Constant Prepayment Rates ("CPRs"). CPR is the standard prepayment assumption model of The Securities Industry and Financial Markets Association. CPR represents a constant rate of prepayment on the HECMs each month relative to the then outstanding aggregate principal balance of the HECMs for the life of those HECMs. See "Yield, Maturity and Prepayment Considerations — Standard Prepayment Assumption Models" in the Base Offering Circular.

The PPC and Draw Rates are based on the respective percentages in effect beginning on each Distribution Date as indicated in Exhibits B and C.

The decrement tables set forth below are based on the assumption that the HECMs prepay at the indicated percentages of PPC (the "PPC Prepayment Assumption Rates"). As used in the tables, each of the PPC Prepayment Assumption Rates reflects a percentage of the 100% PPC assumed prepayment curve. The HECMs will not prepay at any of the PPC Prepayment Assumption Rates, and the timing of changes in the rate of prepayments actually experienced on the HECMs will not follow the pattern described for the PPC 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 assumptions that the related HECMs prepay at the PPC Prepayment Assumption Rates set forth in such tables, 30-day Average SOFR and One-Year CMT, as applicable, are constant at the rates set forth in such tables and draws, if any, occur at the Draw Rates set forth in Exhibit C. 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 PPC Prepayment Assumption Rate and each indicated level of 30-day Average SOFR and One-Year CMT, as applicable. 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 amount, 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 based on its Class Notional Balance 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 and further does not factor in any entitlement to the applicable Deferred Interest Amount. See the footnotes below related to the decrement tables for each Notional Class.

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 HECMs related to the Participations underlying the related Trust Assets and the Modeling Assumptions.

Security Group 1 PPC Prepayment Assumption Rates

	Class AI* 5.32000% 30-day Average SOFR 5.41000% One-Year CMT						Class AI* 10.90500% 30-day Average SOFR 10.39750% One-Year CMT					Class AI* 16.49000% 30-day Average SOFR 15.38500% One-Year CMT			
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	108	103	102	101	99	112	108	106	105	104	112	108	106	105	104
October 2025	116	104	100	96	92	126	113	109	105	101	126	113	109	105	101
October 2026	124	102	95	89	83	142	117	109	101	94	142	117	109	101	94
October 2027	134	99	89	80	71	158	117	105	94	84	158	117	105	94	84
October 2028	144	95	82	70	60	169	111	96	82	70	169	111	96	82	70
October 2029	145	84	69	56	46	186	108	89	72	59	186	108	89	72	59
October 2030	154	77	60	46	35	0	0	0	0	0	0	0	0	0	0
October 2031	165	71	52	38	27	0	0	0	0	0	0	0	0	0	0
October 2032	176	64	44	30	20	0	0	0	0	0	0	0	0	0	0
October 2033	96	29	19	12	7	0	0	0	0	0	0	0	0	0	0
October 2034 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.0	8.6	7.6	6.7	5.9	6.6	6.4	6.2	5.9	5.5	6.6	6.4	6.2	5.9	5.5

<sup>\*</sup> The decrement tables for Class AI reflect only the Class AI Notional Balance at various rates of PPC and at various levels of 30-day Average SOFR and One-Year CMT. In addition to the current interest accrual amount on the Class AI Notional Balance at the Class AI Interest Rate, Class AI is entitled to the Class AI Deferred Interest Amount. No representation is made about the timing of distributions of the Class AI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class AI.

	PPC Prepayment Assumption Rates														
	Class FA 5.32000% 30-day Average SOFR 5.41000% One-Year CMT						Class FA 10.90500% 30-day Average SOFR 10.39750% One-Year CMT				Class FA 16.49000% 30-day Average SOFR 15.38500% One-Year CMT				
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	107	103	102	101	99	112	108	106	105	104	112	108	106	105	104
October 2025	114	103	100	96	92	126	113	109	105	101	126	113	109	105	101
October 2026	121	102	95	89	82	142	117	109	101	94	142	117	109	101	94
October 2027	129	98	89	80	71	158	117	105	94	84	158	117	105	94	84
October 2028	137	94	81	70	59	169	111	96	82	70	169	111	96	82	70
October 2029	137	84	69	56	46	186	108	89	72	59	186	108	89	72	59
October 2030	144	77	60	46	35	0	0	0	0	0	0	0	0	0	0
October 2031	153	70	52	38	27	0	0	0	0	0	0	0	0	0	0
October 2032	162	64	44	30	20	0	0	0	0	0	0	0	0	0	0
October 2033	88	29	19	12	7	0	0	0	0	0	0	0	0	0	0
October 2034 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.0	8.6	7.6	6.7	5.9	6.6	6.4	6.2	5.9	5.5	6.6	6.4	6.2	5.9	5.5

Security Group 2 PPC Prepayment Assumption Rates

	1, 1																
		Class BI* 5.32000% 30-day Average SOFR 5.41000% One-Year CMT					Class BI* 10.90500% 30-day Average SOFR 10.39750% One-Year CMT					Class BI* 16.49000% 30-day Average SOFR 15.38500% One-Year CMT					
Distribution Date	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%		
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
October 2024	108	100	98	95	93	109	102	99	97	94	109	102	99	97	94		
October 2025	116	98	93	87	82	120	102	96	91	85	120	102	96	91	85		
October 2026	124	95	86	78	71	131	100	91	83	75	131	100	91	83	75		
October 2027	134	91	79	68	59	139	94	82	71	61	139	94	82	71	61		
October 2028	144	85	71	58	48	152	91	75	62	51	152	91	75	62	51		
October 2029	150	77	61	47	37	166	86	68	53	41	166	86	68	53	41		
October 2030	161	71	53	39	28	72	32	23	17	12	72	32	23	17	12		
October 2031	68	25	18	12	8	13	5	3	2	2	13	5	3	2	2		
October 2032	12	4	2	2	1	11	3	2	1	1	11	3	2	1	1		
October 2033	10	3	2	1	1	12	3	2	1	1	12	3	2	1	1		
October 2034	10	2	1	1	0	13	3	2	1	0	13	3	2	1	0		
October 2035	11	2	1	0	0	14	2	1	1	0	14	2	1	1	0		
October 2036	12	2	1	0	0	16	2	1	0	0	16	2	1	0	0		
October 2037	13	1	1	0	0	5	0	0	0	0	5	0	0	0	0		
October 2038	14	1	0	0	0	4	0	0	0	0	4	0	0	0	0		
October 2039	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
October 2040	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
October 2041	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
October 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
October 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
October 2044	1	0	0	O	0	0	0	0	0	0	0	0	0	0	0		
October 2045	1	0	0	O	0	0	0	0	0	0	0	0	0	0	0		
October 2046 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Weighted Average Life (years)	9.0	7.3	6.3	5.5	4.8	7.4	6.6	5.9	5.3	4.7	7.4	6.6	5.9	5.3	4.7		

<sup>\*</sup> The decrement tables for Class BI reflect only the Class BI Notional Balance at various rates of PPC and at various levels of 30-day Average SOFR and One-Year CMT. In addition to the current interest accrual amount on the Class BI Notional Balance at the Class BI Interest Rate, Class BI is entitled to the Class BI Deferred Interest Amount. No representation is made about the timing of distributions of the Class BI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class BI.

Security Group 2 PPC Prepayment Assumption Rates

			Class I 30-day / 0% One	Average		Class FB 10.90500% 30-day Average SOFR 10.39750% One-Year CMT					Class FB 16.49000% 30-day Average SOFR 15.38500% One-Year CMT				
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	107	100	98	95	93	109	102	99	97	94	109	102	99	97	94
October 2025	114	98	93	87	82	120	102	96	91	85	120	102	96	91	85
October 2026	121	95	86	78	71	131	100	91	83	75	131	100	91	83	75
October 2027	129	91	79	68	59	139	94	82	71	61	139	94	82	71	61
October 2028	137	85	71	58	48	152	91	75	62	51	152	91	75	62	51
October 2029	142	77	61	47	37	166	86	68	53	41	166	86	68	53	41
October 2030	151	71	53	39	28	72	32	23	17	12	72	32	23	17	12
October 2031	64	25	18	12	8	13	5	3	2	2	13	5	3	2	2
October 2032	11	4	2	2	1	11	3	2	1	1	11	3	2	1	1
October 2033	9	3	2	1	1	12	3	2	1	1	12	3	2	1	1
October 2034	10	2	1	1	0	13	3	2	1	0	13	3	2	1	0
October 2035	10	2	1	0	0	14	2	1	1	0	14	2	1	1	0
October 2036	11	2	1	0	0	16	2	1	0	0	16	2	1	0	0
October 2037	12	1	1	0	0	4	0	0	0	0	4	0	0	0	O
October 2038	12	1	0	0	0	4	0	0	0	0	4	0	0	0	O
October 2039	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2040	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2041	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2042	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O
October 2043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2044	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2046 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.9	7.3	6.3	5.5	4.8	7.4	6.6	5.9	5.3	4.7	7.4	6.6	5.9	5.3	4.7

Security Groups 1 and 2 PPC Prepayment Assumption Rates

	Class AF 5.32000% 30-day Average SOFR 5.41000% One-Year CMT						Class AF 10.90500% 30-day Average SOFR 10.39750% One-Year CMT					Class AF 16.49000% 30-day Average SOFR 15.38500% One-Year CMT				
<b>Distribution Date</b>	0%	75%	100%	125%	150%		0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100		100	100	100	100	100	100	100	100	100	100
October 2024	107	102	100	99	97		111	106	104	102	101	111	106	104	102	101
October 2025	114	102	98	93	89		124	110	105	100	96	124	110	105	100	96
October 2026	121	100	92	85	79		139	112	103	96	88	139	112	103	96	88
October 2027	129	96	86	76	67		152	110	98	87	77	152	110	98	87	77
October 2028	137	91	78	66	56		164	105	90	76	64	164	105	90	76	64
October 2029	139	82	66	54	43		180	101	82	66	53	180	101	82	66	53
October 2030	146	75	58	44	33		22	10	7	5	4	22	10	7	5	4
October 2031	125	56	41	30	21		4	2	1	1	0	4	2	1	1	0
October 2032	115	45	31	21	14		3	1	1	0	0	3	1	1	0	0
October 2033	63	21	13	8	5		4	1	1	0	0	4	1	1	0	0
October 2034	3	1	0	0	0		4	1	0	0	0	4	1	0	0	0
October 2035	3	1	0	0	0		4	1	0	0	0	4	1	0	0	0
October 2036	3	0	0	0	0		5	1	0	0	0	5	1	0	0	0
October 2037	4	0	0	0	0		1	0	0	0	0	1	0	0	0	0
October 2038	4	0	0	0	0		1	0	0	0	0	1	0	0	0	0
October 2039	4	0	0	0	0		0	0	0	0	0	0	0	0	0	0
October 2040	1	0	0	0	0		0	0	0	0	0	0	0	0	0	0
October 2041	1	0	0	0	0		0	0	0	0	0	0	0	0	0	0
October 2042 and thereafter	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	9.7	8.2	7.2	6.3	5.6		6.8	6.5	6.2	5.8	5.3	6.8	6.5	6.2	5.8	5.3

Security Group 3
PPC Prepayment Assumption Rates

			Class BA		
Distribution Date	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100
October 2024	94	81	77	73	69
October 2025	78	59	53	47	42
October 2026	59	38	32	27	23
October 2027	38	21	17	13	10
October 2028	37	17	13	9	7
October 2029	38	15	10	6	4
October 2030	39	12	7	4	2
October 2031	40	10	5	2	0
October 2032	35	6	2	0	0
October 2033	36	4	1	0	0
October 2034	37	3	0	0	0
October 2035	7	0	0	0	0
October 2036	7	0	0	0	0
October 2037	8	0	0	0	0
October 2038	8	0	0	0	0
October 2039	8	0	0	0	0
October 2040	8	0	0	0	0
October 2041	9	0	0	0	0
October 2042	9	0	0	0	0
October 2043	10	0	0	0	0
October 2044	10	0	0	0	0
October 2045	11	0	0	0	0
October 2046	11	0	0	0	0
October 2047	12	0	0	0	0
October 2048	12	0	0	0	0
October 2049	13	0	0	0	0
October 2050	13	0	0	0	0
October 2051	14	0	0	0	0
October 2052	14	0	0	0	0
October 2053	15	0	0	0	0
October 2054	16	0	0	0	0
October 2055	17	0	0	0	0
October 2056	17	0	0	0	0
October 2057	18	0	0	0	0
October 2058	19	0	0	0	0
October 2059	20	0	0	0	0
October 2060	21	0	0	0	0
October 2061	22	0	0	0	0
October 2062	23	0	0	0	0
October 2063	24	0	0	0	0
October 2064	25	0	0	0	0
October 2065	26	0	0	0	0
October 2066 and thereafter	0	0	0	0	0
Weighted Average Life (years)	12.7	3.1	2.6	2.3	2.0
•					

Security Group 3
PPC Prepayment Assumption Rates

			Class BZ				
Distribution Date	0%	75%	100%	125%	150%		
Initial Percent	100	100	100	100	100		
October 2024	104	104	104	104	104		
October 2025	109	109	109	109	109		
October 2026	113	113	113	113	113		
October 2027	117	117	117	117	117		
October 2028	121	121	121	121	121		
October 2029	126	125	125	125	125		
October 2030	130	130	129	129	129		
October 2031	135	134	134	133	130		
October 2032	139	138	138	135	76		
October 2033	144	143	143	94	48		
October 2034	149	148	132	64	30		
October 2035	154	28	9	3	1		
October 2036	161	21	6	2	0		
October 2037	169	16	4	1	0		
October 2038	177	12	3	0	0		
October 2039	185	9	2	0	0		
October 2040	194	6	1	0	0		
October 2041	203	5	1	0	0		
October 2042	212	3	0	0	0		
October 2043	222	2	0	0	0		
October 2044	232	2	0	0	0		
October 2045	243	1	0	0	0		
October 2046	254	1	0	0	0		
October 2047	266	1	0	0	0		
October 2048	278	0	0	0	0		
October 2049	291	0	0	0	0		
October 2050	304	0	0	0	0		
October 2051	319	0	0	0	0		
October 2052	333	0	0	0	0		
October 2053	349	0	0	0	0		
October 2054	365	0	0	0	0		
October 2055	382	0	0	0	0		
October 2056	399	0	0	0	0		
October 2057	418	0	0	0	0		
October 2058	437	0	0	0	0		
October 2059	458	0	0	0	0		
October 2060	479	0	0	0	0		
October 2061	501	0	0	0	0		
October 2062	524	0	0	0	0		
October 2063	548	0	0	0	0		
October 2064	574	0	0	0	0		
October 2065	600	0	0	0	0		
October 2066 and thereafter	0	0	0	0	0		
Weighted Average Life (years)	42.6	12.6	11.9	10.8	9.7		

Security Group 4
PPC Prepayment Assumption Rates

	Class BF 5.32000% 30-day Average SOFR 5.41000% One-Year CMT					Class BF 10.90500% 30-day Average SOFR 10.39750% One-Year CMT					Class BF 16.49000% 30-day Average SOFR 15.38500% One-Year CMT				
Distribution Date	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	107	101	99	97	95	109	103	101	99	96	109	103	101	99	96
October 2025	113	100	95	90	85	119	104	99	94	89	119	104	99	94	89
October 2026	121	97	89	81	74	131	103	94	86	79	131	103	94	86	79
October 2027	129	93	82	72	63	143	101	89	78	68	143	101	89	78	68
October 2028	137	88	74	62	51	157	97	82	69	57	157	97	82	69	57
October 2029	146	82	65	52	41	172	93	75	59	47	172	93	75	59	47
October 2030	77	39	31	23	18	82	42	33	25	19	82	42	33	25	19
October 2031	51	24	18	13	10	2	1	0	0	0	2	1	0	0	0
October 2032	54	22	15	11	7	1	0	0	0	0	1	0	0	O	0
October 2033	57	20	13	8	5	1	0	0	0	0	1	0	0	0	0
October 2034	58	17	10	6	4	1	0	0	0	0	1	0	0	0	0
October 2035	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
October 2036	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2037 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.6	7.4	6.5	5.7	5.1	6.9	6.6	6.1	5.5	5.0	6.9	6.6	6.1	5.5	5.0

## **PPC Prepayment Assumption Rates**

			Class I 30-day A 0% One	- Average			SOFR MT	Class IB* 16.49000% 30-day Average SOFR 15.38500% One-Year CMT							
Distribution Date	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	107	101	99	97	95	109	103	101	99	96	109	103	101	99	96
October 2025	115	100	95	90	85	119	104	99	94	89	119	104	99	94	89
October 2026	124	97	89	81	74	131	103	94	86	79	131	103	94	86	79
October 2027	133	93	82	72	63	143	101	89	78	68	143	101	89	78	68
October 2028	143	88	74	62	51	157	97	82	69	57	157	97	82	69	57
October 2029	153	82	65	52	41	172	93	75	59	47	172	93	75	59	47
October 2030	81	39	31	23	18	82	42	33	25	19	82	42	33	25	19
October 2031	54	24	18	13	10	2	1	0	0	0	2	1	0	0	0
October 2032	57	22	15	11	7	1	0	0	0	0	1	0	0	0	0
October 2033	62	20	13	8	5	1	0	0	0	0	1	0	0	0	0
October 2034	63	17	10	6	4	1	0	0	0	0	1	0	0	0	0
October 2035	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0
October 2036	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2037 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.7	7.4	6.5	5.7	5.1	6.9	6.6	6.1	5.5	5.0	6.9	6.6	6.1	5.5	5.0

<sup>\*</sup> The decrement tables for Class IB reflect only the Class IB Notional Balance at various rates of PPC and at various levels of 30-day Average SOFR and One-Year CMT. In addition to the current interest accrual amount on the Class IB Notional Balance at the Class IB Interest Rate, Class IB is entitled to the Class IB Deferred Interest Amount. No representation is made about the timing of distributions of the Class IB Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class IB.

Security Group 5
PPC Prepayment Assumption Rates

	Class CI* 5.32000% 30-day Average SOFR 5.41000% One-Year CMT					Class CI* 10.90500% 30-day Average SOFR 10.39750% One-Year CMT					Class CI* 16.49000% 30-day Average SOFR 15.38500% One-Year CMT					
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
October 2024	108	100	98	95	93	109	102	99	97	94	109	102	99	97	94	
October 2025	116	98	93	88	82	120	102	96	91	85	120	102	96	91	85	
October 2026	125	95	87	78	71	131	100	91	82	74	132	101	91	83	75	
October 2027	134	91	79	69	59	144	97	85	73	63	141	96	83	72	62	
October 2028	145	86	71	59	48	151	90	74	61	50	151	90	74	61	50	
October 2029	156	80	63	49	38	162	83	65	51	39	162	83	65	51	39	
October 2030	165	72	54	39	28	136	60	44	32	23	136	60	44	32	23	
October 2031	156	58	40	27	18	5	2	1	1	1	5	2	1	1	1	
October 2032	13	4	3	2	1	3	1	1	0	0	3	1	1	0	0	
October 2033	5	1	1	0	0	4	1	1	0	0	4	1	1	0	0	
October 2034	3	1	0	0	0	4	1	0	0	0	4	1	0	0	0	
October 2035	4	1	0	0	0	4	1	0	0	0	4	1	0	0	0	
October 2036	4	0	0	0	0	5	1	0	0	0	5	1	0	0	0	
October 2037	4	0	0	0	0	5	0	0	0	0	5	0	0	0	0	
October 2038	4	0	0	0	0	5	0	0	0	0	5	0	0	0	0	
October 2039	5	0	0	0	0	5	0	0	0	0	5	0	0	0	0	
October 2040	5	0	0	0	0	2	0	0	0	0	2	0	0	0	0	
October 2041	5	0	0	0	0	2	0	0	0	0	2	0	0	0	0	
October 2042	5	0	0	0	0	2	0	0	0	0	2	0	0	0	0	
October 2043	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2044	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2045	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2046	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	O	
October 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2051	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October 2052 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average Life (years)	8.9	7.4	6.4	5.6	4.9	7.5	6.7	6.0	5.4	4.8	7.5	6.7	6.0	5.3	4.8	

<sup>\*</sup> The decrement tables for Class CI reflect only the Class CI Notional Balance at various rates of PPC and at various levels of 30-day Average SOFR and One-Year CMT. In addition to the current interest accrual amount on the Class CI Notional Balance at the Class CI Interest Rate, Class CI is entitled to the Class CI Deferred Interest Amount. No representation is made about the timing of distributions of the Class CI Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class CI.

Security Group 5
PPC Prepayment Assumption Rates

			Class l 30-day A 0% One	Average		10.39750% One-Year CMT					Class FC 16.49000% 30-day Average SOFR 15.38500% One-Year CMT				
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	107	100	98	95	93	109	102	99	97	94	109	102	99	97	94
October 2025	113	98	93	88	82	120	102	96	91	85	120	102	96	91	85
October 2026	121	95	87	78	71	131	100	91	82	74	132	101	91	83	75
October 2027	129	91	79	69	59	144	97	85	73	63	141	95	83	72	62
October 2028	137	86	71	59	48	151	90	74	61	50	151	90	74	61	50
October 2029	146	80	63	49	38	162	83	65	51	39	162	83	65	51	39
October 2030	153	72	54	39	28	136	60	44	32	23	136	60	44	32	23
October 2031	144	58	40	27	18	5	2	1	1	1	5	2	1	1	1
October 2032	12	4	3	2	1	3	1	1	0	0	3	1	1	0	0
October 2033	4	1	1	0	0	4	1	1	0	0	4	1	1	0	0
October 2034	3	1	0	0	0	4	1	0	0	0	4	1	0	0	0
October 2035	3	1	0	0	0	4	1	0	0	0	4	1	0	0	0
October 2036	3	0	0	0	0	5	1	0	0	0	5	1	0	0	0
October 2037	4	0	0	0	0	5	0	0	0	0	5	0	0	0	0
October 2038	4	0	0	0	0	5	0	0	0	0	5	0	0	0	0
October 2039	4	0	0	0	0	5	0	0	0	0	5	0	0	0	0
October 2040	4	0	0	0	0	2	0	0	0	0	2	0	0	0	0
October 2041	4	0	0	0	0	2	0	0	0	0	2	0	0	0	0
October 2042	4	0	0	0	0	2	0	0	0	0	2	0	0	0	0
October 2043	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2044	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2045	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2046	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2048	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2050	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2051	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2052 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	8.8	7.4	6.4	5.6	4.9	7.5	6.7	6.0	5.4	4.8	7.5	6.7	6.0	5.3	4.8

Security Group 6
PPC Prepayment Assumption Rates

								ot on							
				CF Average -Year CI					CF Average e-Year C		15.38500% One-Year CMT				
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	107	102	101	99	97	111	106	104	102	101	111	106	104	103	101
October 2025	114	102	98	94	89	124	110	105	101	96	125	110	106	101	97
October 2026	121	100	92	86	79	138	111	103	96	88	140	112	104	96	89
October 2027	129	96	86	76	67	137	100	90	80	71	138	101	90	81	72
October 2028	137	91	78	66	56	151	98	84	72	61	153	99	85	72	61
October 2029	146	86	70	56	45	168	96	78	63	51	163	92	75	61	49
October 2030	137	71	55	42	32	126	65	51	40	31	120	62	49	38	29
October 2031	102	48	35	26	19	9	3	2	2	1	9	3	2	2	1
October 2032	93	38	27	18	13	8	2	1	1	1	8	2	1	1	1
October 2033	98	34	22	14	9	8	2	1	1	0	8	2	1	1	0
October 2034	102	29	18	11	6	8	2	1	0	0	8	2	1	0	0
October 2035	7	1	1	0	0	9	1	1	0	0	9	1	1	0	0
October 2036	7	1	0	0	0	8	1	0	0	0	8	1	0	0	0
October 2037	7	1	0	0	0	9	1	0	O	0	9	1	0	0	0
October 2038	8	1	0	0	0	10	1	0	0	0	10	1	0	0	0
October 2039	8	1	0	0	0	10	1	0	0	0	10	1	0	0	0
October 2040	8	0	0	0	0	11	0	0	0	0	11	0	0	0	0
October 2041	8	0	0	0	0	11	0	0	0	0	11	0	0	0	0
October 2042	9	0	0	0	0	12	0	0	0	0	12	0	0	0	0
October 2043	9	0	0	0	0	13	0	0	0	0	13	0	0	0	0
October 2044	10	0	0	0	0	14	0	0	0	0	14	0	0	0	0
October 2045	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2046	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2047	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2048	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2049	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2050	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2051 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.7	8.3	7.3	6.4	5.6	7.9	6.7	6.3	5.9	5.4	7.8	6.6	6.3	5.8	5.4

Security Group 6
PPC Prepayment Assumption Rates

							1		1						
				C* Average -Year CI				Class I 30-day 50% One	Average				Class I 30-day 00% One	Average	
<b>Distribution Date</b>	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	108	102	101	99	97	111	106	104	102	101	111	106	104	103	101
October 2025	116	102	98	94	89	124	110	105	101	96	125	110	106	101	97
October 2026	124	100	93	86	79	139	111	103	96	88	140	112	104	96	89
October 2027	134	96	86	76	67	137	100	90	80	71	138	101	90	81	72
October 2028	144	92	78	66	56	151	98	84	72	61	153	99	85	72	61
October 2029	155	86	70	56	45	168	96	78	64	51	163	92	76	61	49
October 2030	146	71	55	42	32	126	65	51	40	31	120	62	49	38	29
October 2031	110	48	35	26	19	9	3	2	2	1	9	3	2	2	1
October 2032	101	38	27	18	13	8	2	1	1	1	8	2	1	1	1
October 2033	107	34	22	14	9	8	2	1	1	0	8	2	1	1	0
October 2034	112	29	18	11	6	8	2	1	0	0	8	2	1	0	0
October 2035	7	1	1	0	0	9	1	1	0	0	9	1	1	0	0
October 2036	8	1	0	0	0	8	1	0	0	0	8	1	0	0	0
October 2037	8	1	0	0	0	9	1	0	0	0	9	1	0	0	0
October 2038	9	1	0	0	0	10	1	0	0	0	10	1	0	0	0
October 2039	9	1	0	0	0	10	1	0	0	0	10	1	0	0	0
October 2040	9	0	0	0	0	11	0	0	0	0	11	0	0	0	0
October 2041	9	0	0	0	0	11	0	0	0	0	11	0	0	0	0
October 2042	10	0	0	0	0	12	0	0	0	0	12	0	0	0	0
October 2043	11	0	0	0	0	13	0	0	0	0	13	0	0	0	0
October 2044	12	0	0	0	0	14	0	0	0	0	14	0	0	0	0
October 2045	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2046	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2047	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2048	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2049	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2050	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2051 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.9	8.3	7.3	6.4	5.6	7.9	6.7	6.3	5.9	5.4	7.8	6.6	6.3	5.8	5.4

<sup>\*</sup> The decrement tables for Class IC reflect only the Class IC Notional Balance at various rates of PPC and at various levels of 30-day Average SOFR and One-Year CMT. In addition to the current interest accrual amount on the Class IC Notional Balance at the Class IC Interest Rate, Class IC is entitled to the Class IC Deferred Interest Amount. No representation is made about the timing of distributions of the Class IC Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class IC.

Security Groups 5 and 6 PPC Prepayment Assumption Rates

				O* Average -Year Cl				Class I 30-day 50% One	Average					O* Average e-Year C	
Distribution Date	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
October 2024	108	101	99	97	95	110	104	102	100	98	111	104	102	100	98
October 2025	116	100	95	91	86	122	106	101	96	91	123	106	101	96	91
October 2026	125	98	90	82	75	135	106	97	89	82	136	107	98	90	82
October 2027	134	94	83	73	63	140	99	87	77	67	140	98	87	76	67
October 2028	144	89	75	63	52	151	94	79	67	56	152	94	80	67	56
October 2029	155	83	67	53	42	165	90	72	57	45	162	88	71	56	44
October 2030	155	72	54	41	30	131	62	48	36	27	128	61	47	35	26
October 2031	132	52	38	27	18	7	3	2	1	1	7	3	2	1	1
October 2032	59	22	15	11	7	6	2	1	1	0	6	2	1	1	0
October 2033	58	18	12	8	5	6	1	1	0	0	6	1	1	0	0
October 2034	61	16	10	6	3	6	1	1	0	0	6	1	1	0	0
October 2035	6	1	0	0	0	7	1	1	O	0	7	1	1	O	O
October 2036	6	1	0	0	0	7	1	O	O	0	7	1	O	0	0
October 2037	6	1	0	0	0	7	1	O	O	0	7	1	0	0	O
October 2038	7	1	0	0	0	8	1	O	0	0	8	1	0	0	O
October 2039	7	0	0	0	0	8	0	0	0	0	8	0	0	0	0
October 2040	7	0	0	0	0	7	0	O	O	0	7	0	0	0	O
October 2041	7	0	0	0	0	7	0	O	O	0	7	0	0	0	0
October 2042	8	0	0	0	0	7	0	0	0	0	7	0	0	0	0
October 2043	6	0	0	0	0	7	0	0	0	0	7	0	0	0	0
October 2044	7	0	0	0	0	8	0	0	0	0	8	0	0	0	0
October 2045	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2046	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2047	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2048	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2049	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2050	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
October 2051 and thereafter	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	10.0	7.9	6.9	6.0	5.3	7.7	6.7	6.2	5.7	5.1	7.7	6.7	6.2	5.7	5.1

<sup>\*</sup> The decrement tables for Class IO reflect only the Class IO Notional Balance at various rates of PPC and at various levels of 30-day Average SOFR and One-Year CMT. In addition to the current interest accrual amount on the Class IO Notional Balance at the Class IO Interest Rate, Class IO is entitled to the Class IO Deferred Interest Amount. No representation is made about the timing of distributions of the Class IO Deferred Interest Amount other than that such amount will be paid no later than the Final Distribution Date for Class IO.

Security Group 7
PPC Prepayment Assumption Rates

			Class DA		
<b>Distribution Date</b>	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100
October 2024	104	87	80	73	66
October 2025	109	72	58	45	32
October 2026	103	50	31	14	0
October 2027	95	27	6	0	0
October 2028	99	13	0	0	0
October 2029	97	0	0	0	0
October 2030	101	0	0	0	0
October 2031	105	0	0	0	0
October 2032	92	0	0	0	0
October 2033	71	0	0	0	0
October 2034	74	0	0	0	0
October 2035	70	0	0	0	0
October 2036	0	0	0	0	0
October 2037	0	0	0	0	0
October 2038	0	0	0	0	0
October 2039	0	0	0	0	0
October 2040	0	0	0	0	0
October 2041	0	0	0	0	0
October 2042	0	0	0	0	0
October 2043	0	0	0	0	0
October 2044	0	0	0	0	0
October 2045	0	0	0	0	0
October 2046	0	0	0	0	0
October 2047	0	0	0	0	0
October 2048	0	0	0	0	0
October 2049	0	0	0	0	0
October 2050	0	0	0	0	0
October 2051	0	0	0	0	0
October 2052	0	0	0	0	0
October 2053	0	0	0	0	0
October 2054	0	0	0	0	0
October 2055	0	0	0	0	0
October 2056	0	0	0	0	0
October 2057	0	0	0	0	0
October 2058	0	0	0	0	0
October 2059	0	0	0	0	0
October 2060	0	0	0	0	0
October 2061	0	0	0	0	0
October 2062	0	0	0	0	0
October 2063	0	0	0	0	0
October 2064 and thereafter	0	0	0	0	0
Weighted Average Life (years)	9.8	2.9	2.2	1.8	1.5

Security Group 7
PPC Prepayment Assumption Rates

			Class DC		
<b>Distribution Date</b>	0%	75%	100%	125%	150%
Initial Percent	100	100	100	100	100
October 2024	104	100	100	100	100
October 2025	109	100	100	100	100
October 2026	113	100	100	100	98
October 2027	117	100	100	80	62
October 2028	122	100	81	60	48
October 2029	127	95	62	48	36
October 2030	132	74	52	38	27
October 2031	137	63	43	29	19
October 2032	141	49	32	20	13
October 2033	146	36	22	14	8
October 2034	152	31	18	10	6
October 2035	158	25	13	7	4
October 2036	47	6	3	2	1
October 2037	50	5	2	1	0
October 2038	53	4	2	1	0
October 2039	15	0	0	0	0
October 2040	16	0	0	0	0
October 2041	17	0	0	0	0
October 2042	17	0	0	0	0
October 2043	18	0	0	0	0
October 2044	19	0	0	0	0
October 2045	20	0	0	0	0
October 2046	21	0	0	0	0
October 2047	22	0	0	0	0
October 2048	23	0	0	0	0
October 2049	24	0	0	0	0
October 2050	25	0	0	0	0
October 2051	26	0	0	0	0
October 2052	27	0	0	0	0
October 2053	29	0	0	0	0
October 2054	30	0	0	0	0
October 2055	31	0	0	0	0
October 2056	33	0	0	0	0
October 2057	34	0	0	0	0
October 2058	36	0	0	0	0
October 2059	37	0	0	0	0
October 2060	39	0	0	0	0
October 2061	41	0	0	0	0
October 2062	43	0	0	0	0
October 2063	45	0	0	0	0
October 2064 and thereafter	0	0	0	0	0
Weighted Average Life (years)	19.7	9.4	7.8	6.6	5.7

#### **Yield Considerations**

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

- the anticipated yield of that Class resulting from its purchase price,
- the investor's own projection of Maturity Events and deferrals of Maturity Events in respect of the HECMs related to the Participations underlying the HECM MBS,
- the investor's own projection of prepayments in respect of the HECMs related to the Participations underlying the HECM MBS,
- the investor's own projection of the occurrence of any Ginnie Mae Issuer Purchase Events,
- the investor's own projection of draw activity with respect to the HECMs,
- in the case of the Group 1, 2, 4, 5 and 6 Securities, the investor's own projection of 30-day Average SOFR and One-Year CMT under a variety of scenarios and
- in the case of the Group 7 Securities, the investors own projection of the rate of reduction and increase in principal balance of the Underlying Certificate under a variety of scenarios.

No representation is made regarding Maturity Events or prepayments in respect of the HECMs related to the Participations underlying the HECM MBS, the occurrence of any Ginnie Mae Issuer Purchase Events, 30-day Average SOFR levels, One-Year CMT levels, draw activity with respect to the HECMs, Underlying Certificate rates of reduction or increase in principal balance or the yield on any Class.

Prepayments: Effect on Yields

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

- In the case of Regular 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 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 HECMs 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 HECMs 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 HECMs will not prepay at any constant rate until maturity, nor will all of the HECMs underlying any Trust Asset Group or Subgroup 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 related HECMs, 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.

One-Year CMT and 30-day Average SOFR: Effect on Yields of the Floating Rate Classes

Low levels of One-Year CMT and 30-day Average SOFR can reduce the yield of the Floating Rate Classes. In addition, the Floating Rate Classes will not necessarily benefit from a higher yield at high levels of One-Year CMT and 30-day Average SOFR because the rate on such Classes is capped at a maximum rate described under "Terms Sheet — Interest Rates." See "Risk Factors — The levels of any interest rate indices applicable to group 1, 2 and 4 through 6 Trust Assets or securities will affect payments and yields on group 1, 2 and 4 through 6 securities" in this Supplement.

Payment Delay: Effect on Yields of the Delay Classes

The effective yield on any Delay Class will be less than the yield otherwise produced by its Interest Rate and purchase price because, on each Distribution Date, 30 days' interest will be payable on (or will accrue with respect to) 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 PPC and at various constant levels of One-Year CMT and 30-day Average SOFR.

The HECMs will not prepay or draw at any constant rate until maturity, and it is unlikely that One-Year CMT or 30-day Average SOFR will remain constant. Moreover, it is likely that the HECMs will experience actual prepayment and draw 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

- 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 Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of 30-day Average SOFR, (2) the HECM MBS Rates applicable to the Group 1, 2, 4, 5 and 6 Trust Assets for each Accrual Period following the applicable Approximate Weighted Average Next Rate Reset Month shown in Exhibit A will be based on the indicated level of One-Year CMT and (3) the purchase price of each Class (expressed as a percentage of its original Class Notional Balance) plus accrued interest is as indicated in the related table. **The assumed purchase price is not necessarily that at which actual sales will occur.** 

#### SECURITY GROUP 1 Sensitivity of Class AI to Prepayments Assumed Price 5.00000%\* 5.41000% One-Year CMT

PPC	Prepayment A	Assumption Ra	ates
75%	100%	125%	150%
12.2%	9.6%	6.6%	3.5%

#### Sensitivity of Class AI to Prepayments Assumed Price 5.00000%\* 10.39750% One-Year CMT

**30-day Average SOFR** 

	PPC Prepayment Assumption Rates						
30-day Average SOFR	75%	100%	125%	150%			
10.90500%	(54.1)%	(57.2)%	(60.4)%	(64.0)%			

#### Sensitivity of Class AI to Prepayments Assumed Price 5.00000%\* 15.38500% One-Year CMT

	PPC Prepayment Assumption Rates						
30-day Average SOFR	75%	100%	125%	150%			
16.49000%	(54.1)%	(57.2)%	(60.4)%	(64.0)%			

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

#### SECURITY GROUP 2 Sensitivity of Class BI to Prepayments Assumed Price 4.50000%\* 5.41000% One-Year CMT

es

30-day Average SOFR	75%	100%	125%	150%
5.32000%	10.3%	6.5%	2.7%	(1.2)%

#### Sensitivity of Class BI to Prepayments Assumed Price 4.50000%\* 10.39750% One-Year CMT

# PPC Prepayment Assumption Rates 30-day Average SOFR 75% 100% 125% 150% 10.90500% (56.7)% (91.3)% (91.3)% (91.3)%

#### Sensitivity of Class BI to Prepayments Assumed Price 4.50000%\* 15.38500% One-Year CMT

	PPC Prepayment Assumption Rates							
30-day Average SOFR	75%	100%	125%	150%				
16.49000%	(56.7)%	(91.3)%	(91.3)%	(91.3)%				

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

# SECURITY GROUP 4 Sensitivity of Class IB to Prepayments Assumed Price 4.50000%\* 5.41000% One-Year CMT

PPC Prepayment	Assumption	Rates
----------------	------------	-------

30-day Average SOFR	75%	100%	125%	150%
5.32000%	7.9%	4.6%	1.1%	(2.3)%

#### Sensitivity of Class IB to Prepayments Assumed Price 4.50000%\* 10.39750% One-Year CMT

# PPC Prepayment Assumption Rates 30-day Average SOFR 75% 100% 125% 150% 10.90500% (61.9)% (73.9)% (95.3)% (95.3)%

#### Sensitivity of Class IB to Prepayments Assumed Price 4.50000%\* 15.38500% One-Year CMT

	PPC	Prepayment A	ssumption Ra	tes
30-day Average SOFR	75%	100%	125%	150%
16.49000%	(61.9)%	(73.9)%	(95.3)%	(95.3)%

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

#### SECURITY GROUP 5 Sensitivity of Class CI to Prepayments Assumed Price 6.50000%\* 5.41000% One-Year CMT

#### **PPC Prepayment Assumption Rates**

30-day Average SOFR	75%	100%	125%	150%
5.32000%	5.0%	1.2%	(2.6)%	(6.5)%

#### Sensitivity of Class CI to Prepayments Assumed Price 6.50000%\* 10.39750% One-Year CMT

# PPC Prepayment Assumption Rates 30-day Average SOFR 75% 100% 125% 150% 10.90500% (52.7)% (56.6)% (56.7)% (62.9)%

#### Sensitivity of Class CI to Prepayments Assumed Price 6.50000%\* 15.38500% One-Year CMT

	PPC	Prepayment A	ssumption Ra	tes
30-day Average SOFR	75%	100%	125%	150%
16.49000%	(52.7)%	(56.6)%	(56.7)%	(62.9)%

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

#### SECURITY GROUP 6 Sensitivity of Class IC to Prepayments Assumed Price 6.25000%\* 5.41000% One-Year CMT

#### **PPC Prepayment Assumption Rates**

30-day Average SOFR	75%	100%	125%	150%
5.32000%	6.0%	2.7%	(0.8)%	(4.3)%

#### Sensitivity of Class IC to Prepayments Assumed Price 6.25000%\* 10.39750% One-Year CMT

# PPC Prepayment Assumption Rates 30-day Average SOFR 75% 100% 125% 150% 10.90500% (43.5)% (49.9)% (56.8)% (64.7)%

#### Sensitivity of Class IC to Prepayments Assumed Price 6.25000%\* 15.38500% One-Year CMT

	PPC	Prepayment A	ssumption Ra	tes
30-day Average SOFR	75%	100%	125%	150%
16.49000%	(43.5)%	(49.9)%	(57.3)%	(66.5)%

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

#### SECURITY GROUPS 5 AND 6 Sensitivity of Class IO to Prepayments Assumed Price 6.25000%\* 5.41000% One-Year CMT

<b>PPC Prepayment</b>	Assumption	Rates			
 			_	_	

30-day Average SOFR	75%	100%	125%	150%
5.32000%	6.0%	2.5%	(1.1)%	(4.8)%

#### Sensitivity of Class IO to Prepayments Assumed Price 6.25000%\* 10.39750% One-Year CMT

	PPC	Prepayment A	ssumption Ra	tes
30-day Average SOFR	75%	100%	125%	150%
10.90500%	(45.9)%	(52.3)%	(56.7)%	(63.4)%

#### Sensitivity of Class IO to Prepayments Assumed Price 6.25000%\* 15.38500% One-Year CMT

	PPC	Prepayment A	ssumption Ra	tes
30-day Average SOFR	75%	100%	125%	150%
16.49000%	(46.0)%	(52.4)%	(56.9)%	(64.0)%

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

#### 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 Trust Assets, a Double REMIC Series as to the Group 2 Trust Assets, a Double REMIC Series as to the Group 3 Trust Assets and a Double REMIC Series as to the Group 4 through 7 Trust Assets, each for United States federal income tax purposes. Separate REMIC elections will be made for the Group 1 Issuing REMIC, the Group 1 Pooling REMIC, the Group 2 Issuing REMIC, the Group 2 Pooling REMIC, the Group 3 Issuing REMIC, the Group 3 Pooling REMIC, the Group 4 through 7 Issuing REMIC and the Group 4 through 7 Pooling REMIC.

#### **Regular Securities**

The Regular Securities will be treated as debt instruments issued by the Group 1 Issuing REMIC, the Group 2 Issuing REMIC, the Group 3 Issuing REMIC or the Group 4 through 7 Issuing 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 HECM MBS Accrual Classes of Regular Securities will be issued with original issue discount ("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, among other things, in determining the rates of accrual of OID on the Regular Securities is 100% PPC (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). 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 HECMs underlying any Group of Participations actually will occur or the level of 30-day Average SOFR or One-Year CMT at any time after the date of this Supplement. See "Certain United States Federal Income Tax Consequences" in the Base Offering Circular. In view of the complexities as to the manner of inclusion in income of OID on the Regular Securities, investors should consult their own tax advisors to determine the appropriate amount and method of inclusion in income of OID on the Regular Securities for United States federal income tax purposes.

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 REMICs, as shown below:

Residual Securities	Trust REMIC
Class RR Securities	Group 4 through 7 Pooling REMIC and Group 4 through 7 Issuing REMIC
Class RR1 Securities	Group 1 Pooling REMIC and Group 1 Issuing REMIC
Class RR2 Securities	Group 2 Pooling REMIC and Group 2 Issuing REMIC
Class RR3 Securities	Group 3 Pooling REMIC and Group 3 Issuing REMIC

The Residual Securities generally will be treated as "residual interests" in a REMIC for domestic building and loan associations and as "real estate assets" for REITs, as described in "Certain United States Federal Income Tax Consequences" in the Base Offering Circular, but will not be treated as debt for United States federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the related Trust REMICs, and these requirements will continue until there are no outstanding regular interests in the respective Trust REMICs. Thus, Residual Holders will have taxable income attributable to the Residual Securities even though they will not receive principal or interest distributions with respect to the Residual Securities, which could result in a negative after-tax return for the Residual Holders. Even though the Holders of the Residual Securities are not entitled to any stated principal or interest payments on the Residual Securities, the related Trust REMICs may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, the Holders of the Residual Securities may experience substantial adverse tax timing consequences. Prospective investors are urged to consult their own tax advisors and consider the after-tax effect of ownership of the Residual Securities and the suitability of the Residual Securities to their investment objectives.

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

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

#### **MX Securities**

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

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

#### **ERISA MATTERS**

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

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

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

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

See "ERISA Considerations" in the Base Offering Circular.

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

#### LEGAL INVESTMENT CONSIDERATIONS

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

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

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

#### PLAN OF DISTRIBUTION

Subject to the terms and conditions of the Sponsor Agreement, the Sponsor has agreed to purchase all of the Securities if any are sold and purchased. The Sponsor proposes to offer the Regular and MX Classes to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest from (1) October 1, 2023 on the Delay Classes and (2) October 20, 2023 on the Floating Rate Classes. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

#### **INCREASE IN SIZE**

Before the Closing Date, Ginnie Mae, the Trustee and the Sponsor may agree to increase the size of this offering. In that event, the Securities will have the same characteristics as described in this Supplement, except that the Original Class Principal Balance (or original Class Notional Balance) 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 and the Supplemental Statement, if any, will reflect any increase in the size of the transaction.

#### **LEGAL MATTERS**

Certain legal matters will be passed upon for Ginnie Mae by Hunton Andrews Kurth LLP, for the Trust by Cleary Gottlieb Steen & Hamilton LLP and Marcell Solomon & Associates, P.C., and for the Trustee by Faegre Drinker Biddle & Reath LLP.

Available Combinations(1)

REMIC Securities	urities				MX	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)
<b>Security Groups 1 and 2</b> Combination 1(6)								
FA FB	\$53,918,419 24,262,732	AF	\$78,181,151	HPT	3	FLT/HWAC/HZ		38383KHK1 September 2073
<b>Security Groups 5 and 6</b> Combination 2(6)								
CI	\$35,208,148 38,830,463	OI	\$74,038,611	NTL(HPT)	(5)	HWAC/IO/DLY	38383KHL9	October 2073

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

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

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

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

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

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

Exhibit A

Assumed Characteristics of the HECMs and the Participations Underlying the Group 1 through 6 and Subgroup 7A Trust Assets(1)

HECM MBS Issue Date	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	September 2023	April 2010	October 2010	May 2011	March 2012	July 2011	March 2011	November 2011	July 2011	December 2011	November 2015	Morch 2014	May 2012	June 2012	November 2012	February 2013	July 2013	January 2014	January 2014	September 2013	October 2013	September 2014	October 2013	November 2013	November 2013	October 2013
Pool Number	1	CX5629 Se			CX5631 St	CX5631 Se	CX5631 S	CX5631 Sc	CW9873 Se	CW9873 Se				CX2318 Se	CX2318 Se	CX2318 Se	CX2319 S	CX2319 Se	CX2319 Se	CX2319 Se	CX2319 Se	697132	710055	710074	725666	751407				765171		000/0/	773438	773446	777418 N	791932	798497	798522	798522	AA7520 St	AC1002	AF7262 Se				AG8016
Maximum Claim Amount(18)	I I O	71,232,119.00			75,549,800.00	745,000.00	1,413,300.00		4,719,236,546.00	152,949,880.00				,738,313,820,00	94,586,100.00	91,453,350.00		11,111,750.00	1,022,000.00	2,152,375.00	1,662,375.00	105,000.00	254,000.00	160,000.00	363,000.00	885,500.00	4,047,000.00	125,000.00	480,000.00	245,000.00	10,000,000,00	1 766 400 00	305,000,000	560,000.00	181,000.00	57,000.00	21,842,400.00	26,575,400.00	6,197,421.00	1,378,500.00	2,583,100.00	319,000.00				8,238,450.00
Available Line of Credit(17)	308,846,31 \$	7,435,598.16	158,939.42	00'0	7,847,222.01	145,983.58	00:00	0.00	512,680,554.46 4	12,390,956.31	0.00	0.00	8,070,294.94	793,661,113.76 5	11,272,679.60	12,464,088.86	15,748,275.15	753,644.68	00:00	0.00	84,063.33	65,900.64	137,964.51	35,876.85	199,373.18	391,044.24	3,265,477.44	139,447.37	178,905.04	5,911.11	5,227,024,80	0.00	23 670 78	157,741.98	107,175.72	17,962.71	13,479,279.28	14,258,727.82	0.00	2,000.00	33,998.31	00'0	(22)	5,950.00	0.00	1,199,634.02
Initial Available Line of Credit(16)	\$ 0000	1,813,434.40	77,205.73	00:00	1,912,939.20	36,856.51	00:00	00:00	(23)	(23)	00:00	0.00	(23)	(23)	(23)	(23)	(23)	(23)	00:00	00:00	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	(23)	9 8	9 8	(23)	(23)	(23)	(23)	(23)	(23)	0.00	(23)	(23)	00.00	(22)	(23)	0.00	(23)
Approximate Weighted Average Remaining Draw Term (in months)(15)	(19)	(19)	53	23	(19)	31	(20)	96	(19)	7.4	(20)	113	(20)	(1)	89	(20)	(19)	99	(20)	81	(20)	(19)	(19)	(19)	(19)	(19)	(13)	(19)	(19)	(13)	610	610	65	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(20)	(19)
Subsequent Monthly Scheduled Draw(14) n	(61)	(19)		2,250.00	(19)	4,500.00	2,165.71	3,386.56	(61)	509,038.71	118,003.95	60,288.80	99,203.92	(19)	210,278.77	128,154.74	(19)	25,302.33	1,263.67	4,765.08	2,300.00	(19)	(19)	(19)	(19)	(19)	(16)	(61)	(19)	(E)	(a)	(A)	9 8	(61)	(19)	(19)	(61)	(19)	(19)	(19)	(16)	(61)	(19)	(19)	3.22	(19)
Initial St Monthly Scheduled S Draw(13) 1	(61)	(19)	6,100.00	2,250.00	(19)	4,500.00	2,165.71	3,386.56	(19)	490,462.35	118,003.94	60,288.80	98,703.92	(19)	06'899'661	128,154.74	(19)	25,302.33	1,263.67	4,765.08	2,300.00	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(E)	(a)	(19)	(E)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	3.22	(19)
Monthly N Servicing So Fee(12) D	(21)	(21)	(21) \$	(21)	(21)	(21)	(21)	(21)	(21)	(21)		(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)	\$ 30.00	(21)	(21)	00:09	(21)	230.00	(21)	(21)	(21)	(17)	(5)	(E)	(21)	(21)	(21)	260.00	200.00	(21)	(21)	(21)	(21)	(21)	(21)	(21)	(21)
Approxi- mate Weighted Average Servicing Fee Margin(11)	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	9,090.0	0.490%	0.340%	0.360%	0.360%	0.160%	0.360%	0.360%	0.360%	0.300%	0.30070	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	9,390%	0.360%
Approxi- nate Weighted Average MIP Fee(10) N		0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	1.250%	0.500%	1.250%	0.517%	1.250%	1.250%	1.250%	1.1060/	1.190%	1.250%	1.250%	1.250%	1.250%	1.186%	1.194%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.191%
Approximate Weighted Average Gross Lifetime Interest Rate Cap(9)	11.332%	12.355%	12.360%	12.285%	12.236%	11.640%	12.049%	12.769%	9394%	9.581%	10.524%	9.509%	10.122%	9.379%	9.200%	9.873%	12.753%	12.553%	12.457%	12.519%	11.908%	N/A	N/A	N/A	N/A	N/A	V/V	N/A	N/A	V/V	V/V	V V	V/V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Approxi- mate Weighted Average Gross Lifetime Interest Rate Floor(8)	2.202%	2.363%	2.379%	2.375%	2.17.7%	1.959%	2.261%	2.409%	2.190%	2.202%	2.324%	2.12.4%	2.212%	2.245%	2.291%	2.333%	2.271%	2.225%	2.391%	2.431%	1.847%	V/V	N/A	N/A	N/A	N/A	V/V	N/A	N/A	V/V	V/V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
Approxi- mate Weighted Average Gross Margin(7) R	2.202%	2.363%	2.379%	2.375%	2.177%	1.959%	2.261%	2.409%	2.190%	2.202%	2.324%	2.124%	2.212%	2.245%	2.291%	2.333%	2.271%	2.225%	2.391%	2.431%	1.847%	N/A	V/V	N/A	V/V	N/A	N/A	V/V	N/A	√/× ;	N/N	N/A	N/N	N/N	N/A	N/A	V/V	N/A	N/A	V/V	N/A	N/A	N/A	N/A	V/V	N/A
Approxi- mate Weighted Average Gross Interest Rate(6)	7.559%	7.744%	7.754%	7.750%	7.553%	7.335%	7.636%	7.769%	7.498%	7.518%	7.666%	7.449%	7.550%	7.534%	7.588%	7.636%	7.647%	7.602%	7.809%	7.806%	7.226%	5.685%	4.990%	5.060%	5.560%	5.026%	5.648%	5.060%	4.990%	5.060%	4.00470	4.74970	4 250%	4.000%	4.750%	4.750%	4.749%	4.725%	4.913%	5.060%	4.695%	5.060%	4.867%	5.060%	5.060%	4.847%
Approxi- mate Weighted V Average Next Rate Reset Month(5)	-	1	1	-	1	-	1	-	1	1	1	-	1	-	-	1	-	1	-	1	1	V/V	V/V	N/A	V/V	N/A	N/A	N/A	N/A	V/V	V/V	N/A	V V	N/A	N/A	N/A	N/A	V/V	N/A	N/A	N/A	V/V	N/A	N/A	N/A	N/A
Rate Reset Frequency(4)	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V S	V V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A						
B Index Fr	lΕ	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	1-year CMT	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V/V	N/A	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A							
HECM Interest Type I		HLT 1-y	H.T 1-y			H.T. 1-ye	HLT 1-ya	H.T 1-ye	HIT 1-ye	HIT 1-ye				H.T 1-ye	H.T. 1-ye	HIT 1-y	H.T 1-y	H.T. 1-ye	H.T. 1-y	HLT 1-y			FIX	FIX	FIX	FIX	FIX	FIX	FIX	HIX.			X X	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX
Approximate Weighted Weighted Average HECM Age It	6	4	4	4	4	5	5	2	17	16	13	16	14	18	16	16	23	25	26	25	27	163	157	150	170	149	162	143	147	144	135	117	130	138	132	130	136	133	119	122	146	110	121	120	120	143
HECM Loan Balance (	2,717,479,72	24,205,357.97	282,790.60	644,784.00	25,227,680.18	204,033.55	646,360.46	215,779.17	2,198,038,291.37	860,334.27	11,158,841.24	7,644,082.64	14,353,227.42	2,491,864,031.55	253,299.67	23,772,651.93	144,722,083.29	28,390.05	414,268.50	1,081,609.24	465,082.32	80,016.23	121,006.50	135,814.27	219,768.58	504,060.41	2,539,068.81	26,997.00	318,581.70	163,328,94	10,595,995.47	1 460 503 65	250.058.70	333,759.23	114,862.58	53,059.92	14,710,040.79	18,743,682.80	9,253.93	1,243,839.93	1,762,806.65	306,102.70	471,074.12	1,050,423.21	94,431.24	6,432,953.73
HECM MBS Principal Balance(2)	\$ 2,714,240.08	24,095,150.27	282,790.60	642,061.99	25,124,201.08	204,033.55	643,722.02	212,219.66	14,181,586.64	860,334.27	140,203.02	68,748.08	184,854.12	7,617,026.22	253,299.67	180,396.63	738,125.72	28,390.05	1,565.16	5,560.11	2,642.38	65,381.14	104,554.96	109,528.17	1,934.92	409,633.00	6,944.72	22,019.26	261,667.60	135,427.65	10,159.21	1,004,055,02	206 899 22	276,492.43	96,319.33	44,498.20	15,386.08	19,816.81	9,253.93	946,405.26	3,971.53	247,438.79	401,287.49	894,920.34	94,431.24	6,757.51
Percentage of Pool in Trust		100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0.0652328791%	0.0330926433%	0.4623833302%	22.2153887499%	0.4348917201%	47.23.2861.800.0%	3.2190000936%	1.7385950725%	2.6722312615%	0.710499/54399	2.443934696170	0.2661440676%	1.9968647966%	1.4355166299%	5.6384752642%	6.1425002340%	2.3476870558%	2.3476870558%	78.7787517157%	13.1966773510%	100%	100%	100%	100%	30.5469026313%
Payment Plan	Line of Credit	Line of Credit	Modified Term	Tem	Line of Credit	Modified Term	Tenure	Tem	Line of Credit	Modified Term	Tenure	Tem	Modified Tenure	Line of Credit	Modified Term	Modified Tenure	Line of Credit	Modified Term	Tenure	Tem	Modified Tenure	Line of Credit	Line of Credit	Line of Credit	Line of Credit	Time of Credit	Tume of Credit	Line of Credit	Lump Sum	Line of Credit	Line of Credit	Lump Sum	Line of Credit	Line of Credit	Tenure	Line of Credit										
Group	-	1	-	-1	1	-	1	-	2	2	2	5	2	2	2	2	5	2	2	2	2	33	3	3	3	6	~	3	6	~ ~	0 "	n ~	. "	· ~	3	3	3	33	3	3	3	3	3	3	6	€

HECM MBS Issue Date	January 2015	April 2015	November 2015	September 2014 Sentember 2015	September 2015	October 2016	September 2016	December 2016	December 2016	December 2016	June 2017	December 2016	January 2017	Behruary 2017	June 2017	April 2017	May 2017	March 2017	March 2017	March 2017	June 2017	September 2017	November 2017	February 2018	May 2018 November 2018	fune 2021	June 2021	October 2022	October 2022	June 2023	July 2023	February 2022	February 2022	February 2022	March 2022	March 2022	March 2022	March 2022	March 2022	March 2022	March 2022	March 2022	March 2022 March 2022				
Pool Number	AH1009			A07326 S				AU3189 I	AU3189 I				AX6/45	AV2220	AY2298	AY4779	AY4782	AY8950	AY9547	AY9547				BF3156	BH2512		CE1305	CO9174	CO9174	CP2883	CP3112	CP3112	CP3112	CR2672	CV7785	CK2777	CK2777	GK2777	CIC2785	GC2785	CK2785	CK2785	CL0601	CL0601	CL0601	CL4567	GL4567
Maximum Claim Amount(18)	2,619,000.00	6,100,660.00	2,761,000.00	14 868 400 00	345,000.00	3,470,730.00	9,191,200.00	13,766,000.00	114,000.00	396,140,820.00	1,931,300.00	3,017,060.00	1,089,065,00	10.407 905 00	1,637,150.00	5,165,594.00	3,689,150.00	2,583,100.00	26,697,400.00	8,840,221.00	2,830,990.00	2,865,150.00	4,029,800.00	16,123,160.00	6,292,000.00	8 867 428 00	9,332,725.00	7,196,600.00	623,845,017.00	363,217,743.00	43,336,650.00	350,000,00	344,000.00	474,629,654.00	1,782,927,939.00	93,095,275.00	1,079,375.00	770,000.00	00,000,000,000	970 800 00	440,000.00	460,000.00	54,197,560.00	220,000.00	1,394,800.00	46,066,067.00	970,800.00
Available Line of Credit(17)	0.00	0.00	00:00	0.00	10,000.00	00:00	00:00	103,895.25	00:00	00.00	0.00	00:00	55,998.51	000	00:00	0.00	00'0	33,998.31	14,304,741.70	00'00	0.00	00'00	00:00	00:0	145,117.49	88.0	0.00	(22)	00:00	0.00	7,459,077.20	00:00	0.00	00:00	0.00	10,564,053.48	319,093.13	0.00	6 115 386 30	5 855 47	00'0	00:00	3,866,364.19	00.00	495,322.91	4,641,573.59	40,692.85
Initial Available Line of Credit(16)	\$ 0000	0.00	00.0	033	(23)	00:00	00'0	(23)	00.00	00'0	00'0	0.00	(52)	000	00'0	00:0	00'0	(23)	(23)	00'0	0.00	00'0	0.00	0.00	(52)	800	0.00	(22)	00.00	00:00	(23)	00:00	0:00	00:00	00:00	(23)	(23)	0:00	(23)	(23)	00'0	00:00	(23)	00:00	(23)	(23)	0:00
Approxi- mate Weighted Average Remaining Draw Term (in months)(15)	(19)	(19)	(61)	(a) (g)	(30)	(61)	(19)	(19)	(20)	(61)	(19)	(61)	65 6	(19)	(19)	(1)	(19)	(19)	(19)	(19)	(19)	(1)	(1)	61)	65 65	613	(19)	(19)	(19)	(1)	610	(70)	(19)	(19)	(19)	(19)	-	36	(10)	173	(20)	148	(19)	(20)	(20)	(13)	(20)
Subsequent Monthly Scheduled Draw(14) n	(61)	(19)	61)	8 8	212.85	(19)	(19)	(19)	3.22	(61)	(19)	(61)	69	(E)	(61)	(19)	(19)	(19)	(10)	(19)	(19)	(18)	(61)	(6E)	69 69	(E)	(61)	(10)	(19)	(19)	(61)	2,42,70,24	(19)	(19)	(19)	(19)	11,200.00	1,863.46	(10)	148600	1,108.02	510.67	(19)	210.43	2,600.00	(16)	3,226.47
Initial St. Monthly J. Draw(13) I.	(61)	(19)	(18)	8 8	212.85 \$	(61)	(19)	(61)	3.22	(19)	(61)	(d)	60 6	8 6	(19)	(61)	(19)	(61)	(19)	(19)	(61)	(E)	(GE)	(61)	6 6	8 8	(E)	(19)	(19)	(19)	(61)	908 48	(61)	(19)	(19)	(19)	11,200.00	1,863.46	(10)	1486.00	1,108.02	510.67	(61)	210.43	5,600.00	(I)	3,226.47
Monthly A Servicing Sc Fee(12) D	(21)	(21)	(21)	3 62	(21) \$	(21)	(21)	(21)	(21)	(21)	(21)	(21)	G 23	3 6	(21)	(21)	(21)	(21)	\$290.00	(21)	(21)	(21)	(21)	(21)	0.00	G 23	(5)	(21)	30:00	(21)	(E)	(F) (E)	<u>6</u>	(21)	(21)	(21)	(21)	(Z)	(F)	Î 8	(21)	(21)	(21)	(21)	(21)	(21)	(S) (E)
Approxi- mate Weighted Average Servicing J Fee For Margin(11)	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.300%	0.300%	0.360%	0.360%	0.360%	0.360%	0.360%	0.30070	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%
Approxi- mate Weighted Weighted Sherage ( MIP Fee(10) M	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	1 250%	1.250%	1.250%	1.250%	1.250%	1.196%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	0.500%	0.500%	1.250%	1.250%	1.250%	1.250%	1.250%	1.250%	0.500%	0.830%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%
Approxi- mate Weighted Average Gross Lifetime Interest Rate Cap(9)	N/A	N/A	V/V	V V	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V.	N/A	V/N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V/V	V/X	V/A	N/A	V V/N	V/V	N/A	N/A	V/V	N/A	N/A	N/A	N/A	N/A	7.444%	7.533%	7.415%	8 0 40%	8 290%	8.900%	8.180%	7.857%	7.930%	7.898%	7.858%	7.780% 8.300%
Approxi- mate Weighted Average Gross Lifetime Interest Rate Floor(8)	N/A	N/A	V/V	N/A N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V/N	N/A	V/N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V/N	V/N	N/A	N/A	N/A	V/V	N/A	N/A	V/V	N/A	N/A	N/A	N/A	N/A	2.086%	2.198%	2.125%	2070%	2.210%	2.920%	2.200%	1.976%	1.850%	2.056%	1.891%	2.500%
Approxi- mate Weighted Average Gross Margin(7) R	V/V	N/A	V/N	N/A N/A	N/A	N/A	V/V	N/A	N/A	N/A	N/A	V/X	N/N	*/×/×	V/N	N/A	N/A	N/A	N/A	N/A	N/A	V/N	V/Z	N/A	N/A	V/V	V/X	N/A	N/A	V/N	N/A	N/N	N/A	V/V	N/A	2.086%	2.198%	2.125%	2.070%	2 210%	2.920%	2.200%	1.976%	1.850%	2.056%	1.891%	2.500%
Approximate // Weighted Average V Gross / Interest Rate(6) M	5.056%	5.025%	5.039%	4.504%	5.060%	4.904%	4.989%	4.972%	5.060%	5.010%	4.798%	4.760%	4.099%	4.886%	5.060%	4.906%	4.997%	4.699%	4.726%	4.806%	4.987%	5.060%	5.016%	4.976%	4.7.20%	3,200%	3.382%	5.082%	4.897%	4.890%	4.911%	5.050%	5.060%	4.053%	4.219%	7.421%	7.507%	7.415%	7 4540%	7 625%	8.250%	7.625%	7.356%	7.230%	7.436%	7.259%	7.125%
Approxi- A mate Weighted w Average A Naverage A Resert I Month(5)	N/A	N/A	V/V	< × ×	V/V	N/A	N/A	V/V	N/A	N/A	N/A	V/V	V/V	V/N	V/N	N/A	N/A	N/A	N/A	N/A	N/A	V/V	V/V	V/A	N/A	N/A	V/N	N/A	N/A	V/V	V/N	N/A	N/A	N/A	N/A	-	-				-	1	-	1	1	-	
Rate Reset Frequency(4)	N/A	N/A	V/V	× × ×	V/V	N/A	N/A	N/A	N/A	N/A	N/A	V :	N/A	4/N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	V/X	¥ ;	N/A	N/A	N N/N	N/A	N/A	N/A	N/A	N/A	4 × ×	N/A	N/A	N/A	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
Index	N/A	N/A	V/V	< × ×	V/N	N/A	N/A	N/A	N/A	N/A	N/A	V/X	V/V X	N/A	N/N	N/A	N/A	N/A	N/A	N/A	N/A	V/N	V/N	V/A	V/A	V/V	V/N	N/A	N/A	V/V	N/A	N/A	N/A	N/A	N/A	I-year CMT	1-year CMT	I-year CMT	Lycar CMT	l-vear CMT	I-year CMT	1-year CMT	1-year CMT	1-year CMT	l-year CMT	1-year CMT	1-year CMT
HECM Interest Type	FIX	FIX	EIX	H H	FIX	FIX	FIX	FIX	FIX	FIX	FIX	XI I	FIX.	X	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	EIX I	FIX	F F	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX							H.T.	H.T. 1				1 1
Approximate Weighted Average HECM Age (in months)(3)	106	103	8 9	114	114	\$8	%	119	120	8	pe :	8 ;	£ 8	3 50	120	8	20	145	133	119	F	Κ.	75	۶ ۽	153	TOT 08	8 8	112	88	103	114	115	8 8	32	25	21	21	5 2	; 8	20 20	20	20	20	20	90	8	5 6
HECM Loan Balance (6	1 ~	5,566,567.81	2,379,608.92	12.704.372.84	1,927.36	2,906,994.00	7,778,224.70	12,871,549.15	141.55	350,994,657.76	1,566,069.26	2,562,607.82	1,762,806.05	8 002 117 10	1,123,094.43	4,297,779.18	2,942,044.67	1,762,806.65	18,790,547.20	11,510.71	2,429,166.02	2,559,838.16	3,344,865.27	13,092,819.64	4,084,281.40	561521843	5,757,787.98	6,874,036.16	1,502,226.00	326,613,835.16	34,328,525.29	251,125.23	308,805.60	271,283,036.16	1,145,576,987.96	46,873,789.49	238,681.11	315,199.24	24 9 30 9 41 31	178 233 96	43,011.55	230,877.64	29,215,927.36	83,069.83	363,914.67	24,403,190.97	260,404.25
HECM MBS Principal Balance(2)	\$ 1,960,948.08			530.966.34		2,5		15,328.70	141.55			2,2	2,105.00	9		3,862,630.54		2,107.08						11,7	5,098.28	10			-		723,468.34			463,774.77	1,168,911.73	9		271,690.91	S			(4	26,321,361.07			22,	260,404.25
Percentage of Pool in Trust	18.2119059470% \$ 1,960,948.08	24.7892083115%	2.3043020114%	27.0283416749%	27.0283416749%	20.2151477828%	8.8121956236%	100%	100%	100%	11.2134522829%	8.8278893982%	100%	4 2008847031%	8.9894397776%	9.5397120223%	34.3638831904%	100%	40.8707025285%	40.8707025285%	13.7953271621%	7.4550349204%	29.7835775984%	23.940621711196	100%	35 603 3668550%	55.2245152583%	100%	100%	100%	100%	100%	100%	100%	100%	24.9629368648%	24.9629368648%	24.9629368648%	100%	100%	100%	100%	12.2764335596%	12.2764335596%	12.2764335596%	100%	100%
Payment Plan	Lump Sum	Lump Sum	Lump Sum	Lump sum Line of Credit	Modified Tenure	Lump Sum	Lump Sum	Line of Credit	Tenure	Lump Sum	Lump Sum	Lump Sum	Line of Credit	Tump Sum	Lump Sum	Lump Sum	Lump Sum	Line of Credit	Line of Credit	Lump Sum	Line of Credit	Lump Sum	Lump Sum	Line of Credit	Lump Sum	Lump Sum	Line of Credit	Medified Tenure	Lump Sum	Lump Sum	Lump Sum	Line of Credit	Modified Term	Tem	Tine of Credit	Modified Term	Tenure	Tem	Line of Credit	Tenure	Modified Tenure	Line of Credit	Modified Term Tenure				
Group	60	6	n e	0 11	n	6	Ю	6	3	6	60	n e	σ 11	) e	n	6	6	33	8	6	3	n .	n 1	n :	n n	n m	n m	6	60	33	e0 e	0 4	n	Ю	6	4	÷	<del>-</del> -	. 4	. 4	4	4	4	4	4	4	4 4

con Putol         Modification         Rabinação         Habinação	con Public         No. Oli Prigot         All	rent Plant         No. of in Thicke         Rationary Approach         Control (A)	one plane         No. of th Types         All and Apple	Physiology         Common(NS)         Type         Interpretace         Interpretace           8, 50,193,15-3         10         11         1-year CMT         Monthly           26,568,205-3         0         11         1-year CMT         Monthly           26,568,205-3         0         11         1-year CMT         Monthly           26,568,205-3         0         11         1-year CMT         Monthly           26,566,100         0         11         1-year CMT         Monthly           26,66,110         0         11         1-year CMT         Monthly           26,66,110         0         11         1-year CMT         Monthly           16,57,811         3         11         1-year CMT         Monthly           16,576,312-6         3         11         1-year CMT         Monthly           26,540,25         3         11         1-year CMT         Monthly           26,540,35         3         11	real plane         Accordination         Relations (A)	one Plan         No.5014/Plan         Laboration         Chandbacker
Colit         37.22590902AB         S.506.924.3         5.0016.43.1         9. HT         1-year CMT         Monthly         1         74.97           Team         1000         25.29.6.3.2         2.506.9.3.3         0         HT         1-year CMT         Monthly         1         74.97           Team         1000         25.29.6.3.2         2.506.9.3.3         0         HT         1-year CMT         Monthly         1         7.60%           Team         1000         25.29.6.3.2         2.506.9.3.3         0         HT         1-year CMT         Monthly         1         7.60%           Team         1000         6.57.2.4         2.006.61.0         0         HT         1-year CMT         Monthly         1         7.60%           Team         14.02.156.01.00         10.034.3         3         HT         1-year CMT         Monthly         1         7.60%           Team         14.02.156.01.00         10.034.3         3         HT         1-year CMT         Monthly         1         7.60%           Team         14.02.156.01.00         2.006.61.1         2.006.61.00         3         1         1-year CMT         7.60%           Team         10.00         2.006.00 <th< th=""><th>Scienti         57.2269/02022, 8         57.0103/5234         19         H.H.         19.2000/0202         10.500.</th><th>circle         37.22.90.02.62.4         37.00.40.02.54.3         30.00.45.3         10.00.45.3         <th< th=""><th>Schill         37.2269/02024         5.0024/15.34         19         HH 1 systa CMT Monthly         1         77.04           Term         100%         10.512.45         16.63.243         1         HH 1 systa CMT Monthly         1         77.04           Term         100%         25.26.66.55         25.26.66.55         26.88.45.39         0         HH 1 systa CMT Monthly         1         77.04           Term         100%         26.26.66.51         26.26.66.51         26.26.66.51         26.26.66.51         1         75.07         75.07           Term         10051.56016%         26.06.61.10         26.07.71         0         HH 1 systa CMT Monthly         1         75.07           Term         11.0221.56016%         26.06.71.10         26.07.11         26.07.11         26.07.11         27.07         75.07           Term         11.0221.56016%         26.07.12         26.07.12         26.07.12         26.07.12         26.07.12         27.07         27.07           Term         11.0221.56016%         26.07.12         26.07.12         26.07.12         26.07.12         26.07.12         27.07         27.07           Term         10.022.560.66         26.07.21         26.07.21         26.07.22         27.07         <th< th=""><th>radii         5722400000000000000000000000000000000000</th><th>radii         5722400000000000000000000000000000000000</th><th>redit         972249058058         9 HT         14 Payed CH         Monthly         1 77495           Schill         1700         8568,9543         0 HT         14 Payed CH         Monthly         1 77495           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         875,241         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Act         100%         875,41         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Tear         14052190006         8.246,42         2206,51100         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,42         1405,438         3 HT         14 Payed CH         Monthly         1 75096           Tear         14052190006         8.246,42         8.246,43         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,43         1405,438         3 HT         14 Payed CH         Monthly         <th< th=""></th<></th></th<></th></th<></th></th<>	Scienti         57.2269/02022, 8         57.0103/5234         19         H.H.         19.2000/0202         10.500.	circle         37.22.90.02.62.4         37.00.40.02.54.3         30.00.45.3         10.00.45.3 <th< th=""><th>Schill         37.2269/02024         5.0024/15.34         19         HH 1 systa CMT Monthly         1         77.04           Term         100%         10.512.45         16.63.243         1         HH 1 systa CMT Monthly         1         77.04           Term         100%         25.26.66.55         25.26.66.55         26.88.45.39         0         HH 1 systa CMT Monthly         1         77.04           Term         100%         26.26.66.51         26.26.66.51         26.26.66.51         26.26.66.51         1         75.07         75.07           Term         10051.56016%         26.06.61.10         26.07.71         0         HH 1 systa CMT Monthly         1         75.07           Term         11.0221.56016%         26.06.71.10         26.07.11         26.07.11         26.07.11         27.07         75.07           Term         11.0221.56016%         26.07.12         26.07.12         26.07.12         26.07.12         26.07.12         27.07         27.07           Term         11.0221.56016%         26.07.12         26.07.12         26.07.12         26.07.12         26.07.12         27.07         27.07           Term         10.022.560.66         26.07.21         26.07.21         26.07.22         27.07         <th< th=""><th>radii         5722400000000000000000000000000000000000</th><th>radii         5722400000000000000000000000000000000000</th><th>redit         972249058058         9 HT         14 Payed CH         Monthly         1 77495           Schill         1700         8568,9543         0 HT         14 Payed CH         Monthly         1 77495           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         875,241         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Act         100%         875,41         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Tear         14052190006         8.246,42         2206,51100         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,42         1405,438         3 HT         14 Payed CH         Monthly         1 75096           Tear         14052190006         8.246,42         8.246,43         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,43         1405,438         3 HT         14 Payed CH         Monthly         <th< th=""></th<></th></th<></th></th<>	Schill         37.2269/02024         5.0024/15.34         19         HH 1 systa CMT Monthly         1         77.04           Term         100%         10.512.45         16.63.243         1         HH 1 systa CMT Monthly         1         77.04           Term         100%         25.26.66.55         25.26.66.55         26.88.45.39         0         HH 1 systa CMT Monthly         1         77.04           Term         100%         26.26.66.51         26.26.66.51         26.26.66.51         26.26.66.51         1         75.07         75.07           Term         10051.56016%         26.06.61.10         26.07.71         0         HH 1 systa CMT Monthly         1         75.07           Term         11.0221.56016%         26.06.71.10         26.07.11         26.07.11         26.07.11         27.07         75.07           Term         11.0221.56016%         26.07.12         26.07.12         26.07.12         26.07.12         26.07.12         27.07         27.07           Term         11.0221.56016%         26.07.12         26.07.12         26.07.12         26.07.12         26.07.12         27.07         27.07           Term         10.022.560.66         26.07.21         26.07.21         26.07.22         27.07 <th< th=""><th>radii         5722400000000000000000000000000000000000</th><th>radii         5722400000000000000000000000000000000000</th><th>redit         972249058058         9 HT         14 Payed CH         Monthly         1 77495           Schill         1700         8568,9543         0 HT         14 Payed CH         Monthly         1 77495           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         875,241         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Act         100%         875,41         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Tear         14052190006         8.246,42         2206,51100         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,42         1405,438         3 HT         14 Payed CH         Monthly         1 75096           Tear         14052190006         8.246,42         8.246,43         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,43         1405,438         3 HT         14 Payed CH         Monthly         <th< th=""></th<></th></th<>	radii         5722400000000000000000000000000000000000	radii         5722400000000000000000000000000000000000	redit         972249058058         9 HT         14 Payed CH         Monthly         1 77495           Schill         1700         8568,9543         0 HT         14 Payed CH         Monthly         1 77495           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         8568,9543         0 HT         14 Payed CH         Monthly         1 77496           Tear         100%         875,241         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Act         100%         875,41         6572,41         0 HT         14 Payed CH         Monthly         1 77496           Tear         14052190006         8.246,42         2206,51100         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,42         1405,438         3 HT         14 Payed CH         Monthly         1 75096           Tear         14052190006         8.246,42         8.246,43         3 HT         14 Payed CH         Monthly         1 77696           Tear         14052190006         8.246,43         1405,438         3 HT         14 Payed CH         Monthly <th< th=""></th<>
Team         1000         25/26/25.25         25/26/25.25         2         11         1-year Ord         Monthly         1         75/26/25           Tellen         1000         25/26/25.25         25/26/25         25/26/25         0         11         1-year Ord         Monthly         1         75/46           Tellen         1000         25/26/25         25/26/25         25/26/25         3         11         1-year Ord         Monthly         1         75/46           Tell         140215/04/06         25/24/26         25/24/10/26         3         11         1-year Ord         Monthly         1         75/24/26           Tell         140215/04/06         25/24/26         35/24/21/20         3         11         1-year Ord         Monthly         1         75/24/26           Tell         140215/04/06         25/24/26         35/24/27         3         11         1-year Ord         Monthly         1         75/24/26           Tell         140215/04/06         25/24/25         3         11         1-year Ord         Monthly         1         75/24/26           Tell         14021/04/26         25/24/25         3         11         1-year Ord         Monthly         1	Teat         1000         25,266,265         25,264,265         11         1-year CMT         Monthly         1         1-year CMT           Teature         1006         25,266,265         25,266,265         0         HT         1-year CMT         Monthly         1         7,50%           Jectif         1008         25,266,265         25,266,265         35         HT         1-year CMT         Monthly         1         7,50%           Jectif         1146215601006         24,87,7065         25,524,1003         3         HT         1-year CMT         Monthly         1         7,50%           Jectif         1000         20,666,100         20,666,100         3         HT         1-year CMT         Monthly         1         7,50%           Jectif         1000         21,500         60,071         19,840,00         3         HT         1-year CMT         Monthly         1         7,50%           Jectif         1000         21,500         60,071         25,605,302         3         HT         1-year CMT         Monthly         1         7,50%           Jectif         1000         21,500         23,010,38         3         HT         1-year CMT         7,50%         7,50%	colored (1)         Colored (2)	Team         100%         S/S-S/S-S/S         S/S-S/S-S/S         S/S-S/S-S/S         S/S-S/S-S/S         Team         Page 100         S/S-S/S-S/S         S/S-S/S-S/S         Team         Page 100         S/S-S/S-S/S         S/S-S/S-S/S-S/S         S/S-S/S-S/S-S/S         Team         Page 100         S/S-S/S-S/S-S/S         S/S-S/S-S/S-S/S-S/S         S/S-S/S-S/S-S/S-S/S-S/S-S/S-S/S-S/S-S/S	Team         1007         Systestian         a.         11.1         year CMT         Annually         year CMT           Team         1008         Systestian         a.         11.1         year CMT         Annually         year CMT           Team         1009         Systestian         222,50x3         a.         11.1         year CMT         Annually         1.7           real         1005         Georgia         222,50x3         a.         11.1         year CMT         Annually         1.7         7.74%           real         110021590100%         124,50x3         20,40x10         a.         1.1         year CMT         Annually         1.7         7.74%           Team         110021590100%         23,40x3         a.         1.1         year CMT         Annually         1.7         7.74%           Team         10021590100%         23,40x3         a.         1.1         year CMT         Annually         1.7         7.74%           Team         1006         3,50x3         a.         a.         1.1         year CMT         Annually         1.7         7.7           Team         1007         3,50x3         a.         a.         1.1         a.         <	The control of the	Trainer
Heat         100%         292,96.8         292,96.8         0         HT         1-year OH         Nombh         1         77-bb         241,96.8           Frame         100%         66,572-41         66,572-41         6,047-24         0         HT         1-year OH         Monthly         1         77-bb         29,488           Frame         100%         26,647-24         26,672-41         6,047-24         3         HT         1-year OH         Monthly         1         7,79-b         2,249-8           Frame         14,621-250000c         16,647-28         16,047-38         3         HT         1-year OH         Monthly         1         7,79-b         2,249-8           France         14,621-250000c         13,810-26         26,07-34         3         HT         1-year OH         1         7,27-8         1         2,249-8           France         14,621-250000c         13,810-26         3         HT         1-year OH         1         7,27-8         1         2,249-8         1         1,249-14         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	Ferm         100%         292-56-5         592-56-5         11         1-year OH         Monthly         7-7-6%         2-11           Frank         100%         265-72-1         665-72-4         0.67-24         0.68-24         0.67-24	Ferm         100%         522,56,5         595,66,5         0         HT         Payer OH         Monthly         7.74%         2.41%           Tedent         100%         56,74,1         66,574,1         66,574,1         0         HT         1-year OH         Monthly         1         7.4%         2.41%           Tedit         1105195000%         26,574,1         26,574,1         0         HT         1-year OH         Monthly         1         7.6%         2.24%           1402195000%         1188649         713,0348         3         HT         1-year OH         Monthly         1         7.6%         2.24%           1402195000%         138840         713,0348         3         HT         1-year OH         7.00mly         7.25%         2.25%           1402196006         138840         7.1000         141         1-year OH         Monthly         1         7.6%         2.25%           1402196006         138840         15000         141         1-year OH         Monthly         1         7.6%         2.25%           1402196006         138840         15000         141         1-year OH         Monthly         1         7.6%         2.25%           1500	Fram         100%         292-56.6.3         292-56.6.3         0         HT         page GPT         Monthly         77-4%         2419-6.           Fram         100%         265-72.1.4         265-72.1.4         266-72.1.4 <td>Team         100         282,956,3         26         HT         1-year CH         Monthly         77-4%         2418,6           Team         100         26,954,10         26,954,21         26         HT         1-year CH         Monthly         1         77-4%         2418,6           Jeat         14,652,190,100         26,944,10         26,944,10         26,944,10         36         HT         1-year CH         Monthly         1         76,98         23,88           Heat         14,652,190,100         26,944,20         26,944,20         36,944,20         36         HT         1-year CH         Monthly         1         7699,8         25,948           Team         14,652,190,000         26,948,20         36,17,14         14,944,24         Monthly         1         7699,8         25,948           Team         14,652,190,000         26,17,14         <td< td=""><td>Team         100         28,50,54         20,54         100         HT         15 μα CM         Monthly         77,4%         24,948           Team         1000         20,52,41         20,52,41         0         HT         15 μα CM         Monthly         1         77,4%         24,94           Teal         14,621,509/100         20,641,10         20,041,10         20,041,10         3         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         11,624,12         20,041,12         20,041,12         3         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         23         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         2         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         2         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,600         13,840,50         2         HT         15 μα</td><td>Team         100         22,95,65.3         26,25,65.4         0         HT         1-year CH         Monthly         77-4%         2496%           Team         1000         20,57,14         20,57,14         0         HT         1-year CH         Monthly         1         75.9%         2496%           Team         14,6215901066         20,57,14         20,004,110         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         14,6215901066         3,57,14         1,904         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         14,6215901066         3,57,25         3         HT         1-year CH         Monthly         1         75.9%         22.9%           Team         1006         13,804.00         3,504.04         3         HT         1-year CH         Monthly         1         75.9%         22.9%           Team         1006         13,804.00         2,504.04         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         1006         3,504.14         3         HT         1-year CH         Month</td></td<></td>	Team         100         282,956,3         26         HT         1-year CH         Monthly         77-4%         2418,6           Team         100         26,954,10         26,954,21         26         HT         1-year CH         Monthly         1         77-4%         2418,6           Jeat         14,652,190,100         26,944,10         26,944,10         26,944,10         36         HT         1-year CH         Monthly         1         76,98         23,88           Heat         14,652,190,100         26,944,20         26,944,20         36,944,20         36         HT         1-year CH         Monthly         1         7699,8         25,948           Team         14,652,190,000         26,948,20         36,17,14         14,944,24         Monthly         1         7699,8         25,948           Team         14,652,190,000         26,17,14 <td< td=""><td>Team         100         28,50,54         20,54         100         HT         15 μα CM         Monthly         77,4%         24,948           Team         1000         20,52,41         20,52,41         0         HT         15 μα CM         Monthly         1         77,4%         24,94           Teal         14,621,509/100         20,641,10         20,041,10         20,041,10         3         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         11,624,12         20,041,12         20,041,12         3         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         23         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         2         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         2         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,600         13,840,50         2         HT         15 μα</td><td>Team         100         22,95,65.3         26,25,65.4         0         HT         1-year CH         Monthly         77-4%         2496%           Team         1000         20,57,14         20,57,14         0         HT         1-year CH         Monthly         1         75.9%         2496%           Team         14,6215901066         20,57,14         20,004,110         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         14,6215901066         3,57,14         1,904         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         14,6215901066         3,57,25         3         HT         1-year CH         Monthly         1         75.9%         22.9%           Team         1006         13,804.00         3,504.04         3         HT         1-year CH         Monthly         1         75.9%         22.9%           Team         1006         13,804.00         2,504.04         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         1006         3,504.14         3         HT         1-year CH         Month</td></td<>	Team         100         28,50,54         20,54         100         HT         15 μα CM         Monthly         77,4%         24,948           Team         1000         20,52,41         20,52,41         0         HT         15 μα CM         Monthly         1         77,4%         24,94           Teal         14,621,509/100         20,641,10         20,041,10         20,041,10         3         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         11,624,12         20,041,12         20,041,12         3         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         23         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         2         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,621,589/100         13,840,20         2         HT         15 μα CM         Monthly         1         7,69%         2,20%           Teal         14,600         13,840,50         2         HT         15 μα	Team         100         22,95,65.3         26,25,65.4         0         HT         1-year CH         Monthly         77-4%         2496%           Team         1000         20,57,14         20,57,14         0         HT         1-year CH         Monthly         1         75.9%         2496%           Team         14,6215901066         20,57,14         20,004,110         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         14,6215901066         3,57,14         1,904         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         14,6215901066         3,57,25         3         HT         1-year CH         Monthly         1         75.9%         22.9%           Team         1006         13,804.00         3,504.04         3         HT         1-year CH         Monthly         1         75.9%         22.9%           Team         1006         13,804.00         2,504.04         3         HT         1-year CH         Monthly         1         75.9%         23.9%           Team         1006         3,504.14         3         HT         1-year CH         Month
Tenting	Teacher   1000   20,972-41   20,972-41   20   71   1-year CM   Monthly   7,609   2,2046   2	Training         1000s         2000s/14.10         0.00 HT         1349ard All         Monthly         1 Color         2000s/14.10         0.00 HT         1340ard All         1000s/14.10	Training         100512900006         20054140         OO         TH         1992 CM         According         1770 CM         According	Tenting         10005         2005/4104         10005/414         1000	Training   100%   200	Transport   Tran
bright         146215901606         28457408         38         RT         1year OT         Monthly         1         78598         2721%           Trem         1462158901606         126,344.28         67120482         33         RT         1year OT         Monthly         1         78598         2727%           1462158901606         12,634.28         67120482         32         RT         1year OT         Monthly         1         78598         2272%           Treme         1462518901606         22,765.3         986,19581         3         RT         1year OT         Monthly         1         78598         22858           Treme         10006         15,80160         23,613.8         3         RT         1year OT         Monthly         1         75578         22858           Treme         10006         15,80160         23,613.8         3         RT         1year OT         Monthly         1         75798         25858           Treme         10006         15,80160         28,613.8         1         1year OT         Monthly         1         75796         25878           Trem         10006         1,826.0         28,801.9         2         RT         1year OT	Teach         1.05215901006         2.843-0408         3.8         RT         1-year CMT         Monthly         1         7.855-8         2.223m           Hear         1.05215901006         1.053438         3.6         1.1         1-year CMT         Monthly         1         7.859         2.223m           Hear         1.05215901006         3.265-6         7.0578         3.6         RT         1-year CMT         Monthly         1         7.879         2.223m           Hear         1.05215901006         3.265-6         3.265-6         RT         1-year CMT         Monthly         1         7.899         2.223m           Hear         1.000         5.056-6         1.258-6         2.267-6         RT         1-year CMT         Monthly         1         7.899         2.248m           Hear         1.000         5.256-6         1.258-6         2.267-6         1.278         2.248m         <	bright         14021590100%         2848,7088         280,711900         38         RT         1year CM         Monthly         1         7528%         2273%           Horozzboolovo         1803438         36         GTA         1year CM         Monthly         1         758%         2223%           Horozzboolovo         180243         1603438         36         RT         1year CM         Monthly         1         758%         2223%           Horozzboolovo         180840         190843         861,938         3         RT         1year CM         Monthly         1         758%         2828%           Hem         100%         600,781         53,640,78         8         RT         1year CM         Monthly         1         758%         2828%           Hem         100%         23,640         35,840         8         1         1year CM         Monthly         1         759%         253%           Hem         100%         23,840         35,840         1         1         1         1         750%         253%           Hem         100%         23,840         35,840         3         1         1         1         750%         253%	nach         140215901066         2848,7048         287,2119000         38         RT         1-year OT         Monthly         1         75286         22726           Team         140215901066         160,4428         36         RT         1-year OT         Monthly         1         758%         22726           Team         140215901066         18,846         01,054,28         3         RT         1-year OT         Monthly         1         758%         22726           Team         1003         21,806         21,918,28         2         RT         1-year OT         Monthly         1         758%         2278%           Team         1008         236,077         13,810.60         13,810.60         13,810.60         13,910.80         2         RT         1-year OT         Monthly         1         758%         258%           Team         1008         236,077         13         14         1-year OT         Monthly         1         758%         258%           Team         1008         23,077         14         14         14         258%         1         14         14         14         14         14         14         14         14         14 <t< td=""><td>rick         140215900066,         2845,0468         2867,219010         3         RT         14924 CM         Monthly         1         72876         22786           Irkm         140215900066,         118849         1603,442         33         RT         14924 CM         1         7889         1           Irkm         140215900666         118849         1003,438         3         RT         14924 CM         1         7889         1           Irkm         140215900666         218606         308,512         36,041         34,041         3         78,94         1         5,858           Irkm         1006         32,040         38,941         36,041         14944 CM         60400         1         5,858           Irkm         1006         138,040         38,941         48,941         14944 CM         60400         1         5,858           Irkm         1008         13,851,050         38,941         48,941         14944 CM         60400         1         5,858           Irkm         1008         13,851,180         38         11         14944 CM         60400         1         5,858           Irkm         1008         13,851,180         3         <t< td=""><td>radial         140215800066         248-3-40s         266-21,000.0         3         RT         1-year CMT         Monthly         1         72876         22736           Trans         140215800066         1188491         160,348-1         3         RT         1-year CMT         Monthly         1         78586         27276           Team         140215800066         1188494         160,348-1         3         RT         1-year CMT         Monthly         1         78586         27276           read         14021580006         118840         150,348-8         3         RT         1-year CMT         Monthly         1         78596         25786           read         100%         52,460-9         158,340-0         2         RT         1-year CMT         Monthly         1         75996         25786           read         100%         52,461-3         256,451-3         3         RT         1-year CMT         Monthly         1         75896         25786           read         100%         52,451-3         25,451-3         1         1-year CMT         Monthly         1         75896         25786           read         100%         52,451-3         2         RT</td><td>charge         140515801000         248647403         20071100100         33         HT         1-pear OFT         Monthly         1         78589         22208           I-IOSTS001000         1365443         1024423         33         HT         1-pear OFT         Monthly         1         76898         22208           I-IOSTS001000         136840         12842         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         500.07.12         1580.05.28.1         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         500.07.12         1580.05.28.1         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75898         25978           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75898         25978           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75998         25978      <t< td=""></t<></td></t<></td></t<>	rick         140215900066,         2845,0468         2867,219010         3         RT         14924 CM         Monthly         1         72876         22786           Irkm         140215900066,         118849         1603,442         33         RT         14924 CM         1         7889         1           Irkm         140215900666         118849         1003,438         3         RT         14924 CM         1         7889         1           Irkm         140215900666         218606         308,512         36,041         34,041         3         78,94         1         5,858           Irkm         1006         32,040         38,941         36,041         14944 CM         60400         1         5,858           Irkm         1006         138,040         38,941         48,941         14944 CM         60400         1         5,858           Irkm         1008         13,851,050         38,941         48,941         14944 CM         60400         1         5,858           Irkm         1008         13,851,180         38         11         14944 CM         60400         1         5,858           Irkm         1008         13,851,180         3 <t< td=""><td>radial         140215800066         248-3-40s         266-21,000.0         3         RT         1-year CMT         Monthly         1         72876         22736           Trans         140215800066         1188491         160,348-1         3         RT         1-year CMT         Monthly         1         78586         27276           Team         140215800066         1188494         160,348-1         3         RT         1-year CMT         Monthly         1         78586         27276           read         14021580006         118840         150,348-8         3         RT         1-year CMT         Monthly         1         78596         25786           read         100%         52,460-9         158,340-0         2         RT         1-year CMT         Monthly         1         75996         25786           read         100%         52,461-3         256,451-3         3         RT         1-year CMT         Monthly         1         75896         25786           read         100%         52,451-3         25,451-3         1         1-year CMT         Monthly         1         75896         25786           read         100%         52,451-3         2         RT</td><td>charge         140515801000         248647403         20071100100         33         HT         1-pear OFT         Monthly         1         78589         22208           I-IOSTS001000         1365443         1024423         33         HT         1-pear OFT         Monthly         1         76898         22208           I-IOSTS001000         136840         12842         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         500.07.12         1580.05.28.1         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         500.07.12         1580.05.28.1         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75898         25978           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75898         25978           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75998         25978      <t< td=""></t<></td></t<>	radial         140215800066         248-3-40s         266-21,000.0         3         RT         1-year CMT         Monthly         1         72876         22736           Trans         140215800066         1188491         160,348-1         3         RT         1-year CMT         Monthly         1         78586         27276           Team         140215800066         1188494         160,348-1         3         RT         1-year CMT         Monthly         1         78586         27276           read         14021580006         118840         150,348-8         3         RT         1-year CMT         Monthly         1         78596         25786           read         100%         52,460-9         158,340-0         2         RT         1-year CMT         Monthly         1         75996         25786           read         100%         52,461-3         256,451-3         3         RT         1-year CMT         Monthly         1         75896         25786           read         100%         52,451-3         25,451-3         1         1-year CMT         Monthly         1         75896         25786           read         100%         52,451-3         2         RT	charge         140515801000         248647403         20071100100         33         HT         1-pear OFT         Monthly         1         78589         22208           I-IOSTS001000         1365443         1024423         33         HT         1-pear OFT         Monthly         1         76898         22208           I-IOSTS001000         136840         12842         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         500.07.12         1580.05.28.1         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         500.07.12         1580.05.28.1         35         HT         1-pear OFT         Monthly         1         75898         22208           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75898         25978           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75898         25978           I-IOSTS001000         53.04.07.8         35         HT         1-pear OFT         Monthly         1         75998         25978 <t< td=""></t<>
Term         14623159016666         1163,544.28         3.5         HT         1-year CMT         Monthly         1         7.55%         2.25%           Terme         14623159016666         12,846.24         67,134.28         3.5         HT         1-year CMT         Monthly         1         7.85%         2.25%           Terme         1462315901666         23,276.57         96,583.74         3.2         HT         1-year CMT         Monthly         1         7.85%         2.25%           Terme         1000%         666,671.2         15,606.20         1.3806.00         28,611.3         3.8         HT         1-year CMT         Monthly         1         7.55%         2.25%           Terme         1000%         28,661.1         25,635.70         2.8         HT         1-year CMT         Monthly         1         7.55%         2.25%           Terme         1000%         28,561.1         25,635.7         1.4         HT         1-year CMT         Monthly         1         7.55%         2.25%           Terme         1000%         28,561.1         28,507.0         2.8         HT         1-year CMT         Monthly         1         7.55%         2.25%           Terme         1000%	Term         14621559016666         106,344.28         3.5         H.1         1-year CMT         Monthly         1         765586         2.25686           Terme         146221559016666         12,846.35         97,103.88         3.5         H.1         1-year CMT         Monthly         1         7,8578         2.22786           reds         10076         20,285.37         96,258.17         3.2         H.1         1-year CMT         Monthly         1         7,8578         2.27876           reds         10076         15,866.03         15,866.03         28,611.28         3         H.1         1-year CMT         Monthly         1         7,5758         2.27876           reds         10076         23,666.11         25,635.73         1         1         1         1         7,5758         2.2468 </td <td>Term         14.0215/001/004         10.03.44.38         33         HT         1-year OH         Monthly         1         75.95         3.25%           Term         14.0215/001/004         0.02.45.34         35         HT         1-year OH         Monthly         1         75.95%         2.22%           Term         14.0215/001/004         0.02.65.34         90.67.81         35         HT         1-year OH         Monthly         1         75.95%         2.22%           Term         10.07         53.86.06         15.86.06         23.40.55.8         3         HT         1-year OH         Monthly         1         7.55%         2.22%           Term         10.07         23.86.07         15.86.06         23.40.55.8         1         1-year OH         Monthly         1         7.55%         2.25%           Term         10.07         23.86.07         23.40.55.8         1         1-year OH         Monthly         1         7.55%         2.25%           Term         10.07         23.60.5         23.40.55.8         3         HT         1-year OH         1         7.55%         2.25%         2.25%           Term         20.00.00         23.60.5         23.00.5         23.00.5</td> <td>Term         146215001064         16634438         15034438         35         FIT         1-year CM         Monthly         1         755%         256%           Term         146215001064         20,2634         7163438         35         FIT         1-year CM         Monthly         1         755%         222%           Term         146215001066         50,2634         50,6381         3         FIT         1-year CM         Monthly         1         755%         252%           Term         1000         51,816.60         13,816.60         23,401.58         3         FIT         1-year CM         Monthly         1         755%         252%           Term         1000         24,506.72         24,505.83         23         RT         1-year CM         Monthly         1         755%         252%           Term         1000         24,506.72         24,505.83         23         RT         1-year CM         Monthly         1         755%         255%           Term         1000         24,507.83         24,507.72         24         RT         1-year CM         Monthly         1         755%         255%           Term         1000         24,507.83         24,5</td> <td>Term         140215001004         16034438         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         150346000         160215001004         160215001004         160215001004         160215001004         160215001004         160215001004         1503460         150346         15034         171         19024CM         160215001004         150340         150346         150344         15034         15034         15034</td> <td>Temm         14021590106%         1503442         1603443         3.9         HT         1-year OH         Monthly         1         75%         25%           Temm         14021590106%         135454         36,343         3.9         HT         1-year OH         Monthly         1         75%         25%           Temm         14021590106%         215846         158406         28         HT         1-year OH         Monthly         1         75%         25%           Tech         1006         518406         158406         28         HT         1-year OH         Monthly         1         75%         25%           Temm         1006         518406         158406         28         HT         1-year OH         Monthly         1         75%         25%           Temm         1006         538437         538410         14         1-year OH         Monthly         1         75%         25%           Temm         1006         538437         5484301         28         HT         1-year OH         Monthly         1         75%         25%           Temm         2008         548         17         1-year OH         Monthly         1         75%</td> <td>  Terms</td>	Term         14.0215/001/004         10.03.44.38         33         HT         1-year OH         Monthly         1         75.95         3.25%           Term         14.0215/001/004         0.02.45.34         35         HT         1-year OH         Monthly         1         75.95%         2.22%           Term         14.0215/001/004         0.02.65.34         90.67.81         35         HT         1-year OH         Monthly         1         75.95%         2.22%           Term         10.07         53.86.06         15.86.06         23.40.55.8         3         HT         1-year OH         Monthly         1         7.55%         2.22%           Term         10.07         23.86.07         15.86.06         23.40.55.8         1         1-year OH         Monthly         1         7.55%         2.25%           Term         10.07         23.86.07         23.40.55.8         1         1-year OH         Monthly         1         7.55%         2.25%           Term         10.07         23.60.5         23.40.55.8         3         HT         1-year OH         1         7.55%         2.25%         2.25%           Term         20.00.00         23.60.5         23.00.5         23.00.5	Term         146215001064         16634438         15034438         35         FIT         1-year CM         Monthly         1         755%         256%           Term         146215001064         20,2634         7163438         35         FIT         1-year CM         Monthly         1         755%         222%           Term         146215001066         50,2634         50,6381         3         FIT         1-year CM         Monthly         1         755%         252%           Term         1000         51,816.60         13,816.60         23,401.58         3         FIT         1-year CM         Monthly         1         755%         252%           Term         1000         24,506.72         24,505.83         23         RT         1-year CM         Monthly         1         755%         252%           Term         1000         24,506.72         24,505.83         23         RT         1-year CM         Monthly         1         755%         255%           Term         1000         24,507.83         24,507.72         24         RT         1-year CM         Monthly         1         755%         255%           Term         1000         24,507.83         24,5	Term         140215001004         16034438         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         1503463         150346000         160215001004         160215001004         160215001004         160215001004         160215001004         160215001004         1503460         150346         15034         171         19024CM         160215001004         150340         150346         150344         15034         15034         15034	Temm         14021590106%         1503442         1603443         3.9         HT         1-year OH         Monthly         1         75%         25%           Temm         14021590106%         135454         36,343         3.9         HT         1-year OH         Monthly         1         75%         25%           Temm         14021590106%         215846         158406         28         HT         1-year OH         Monthly         1         75%         25%           Tech         1006         518406         158406         28         HT         1-year OH         Monthly         1         75%         25%           Temm         1006         518406         158406         28         HT         1-year OH         Monthly         1         75%         25%           Temm         1006         538437         538410         14         1-year OH         Monthly         1         75%         25%           Temm         1006         538437         5484301         28         HT         1-year OH         Monthly         1         75%         25%           Temm         2008         548         17         1-year OH         Monthly         1         75%	Terms
			Hotzitopionon   1,000   1,00	Tricity   Tric	Trickle   Tric	14021899000%   22,757.9   20,759.9   25.0   141   19421 CM   100018   1958.3   26,00.28   1.0
Fernite         14.66.21.8016604         19.188.34         88.61.95.81         3.3         HT         1-year COTT         Monthly         1         7897s         2.784ss           rick         100%         6x6,047.12         15.96.63.15.63         2         HT         1-year COTT         Monthly         1         7697s         2.784ss           red         100%         2.18.60         2.84.01.58         2         HT         1-year COTT         Monthly         1         7.957s         2.187s           red         100%         2.84.01.52         2.84.01.52         1         1         1         1         7.787s         2.187s         2.187s           red         100%         8.89.87         4.85.857.7         1         1         1         1         7.898         1         7.898         1         2.898         1         2.898         1         2.898         1         2.898         1         2.898         2         1         2.998         2         2.898         2         2         1         2.998         2         2         1         2.998         2         2         1         2.998         2         2         1         2.998         2         3.818	Hennic         14.6621590160%         19.188.33         861,19581         3.3         HT         1-year CMT         Monthly         1         7579s         2.788s           ried         100%         6x6,071.21         1596,634.05         2         HT         1-year CMT         Monthly         1         7697s         2.11%s           ried         100%         2.156,69         2.4615,58         2         HT         1-year CMT         Monthly         1         7.07%s         2.11%s           ried         100%         2.846,61         2.846,537.2         1         HT         1-year CMT         Monthly         1         7.07%s         2.11%s           ried         0.000001819.2         8.848.7         4.858.97.2         3         HT         1-year CMT         Monthly         1         7.07%s         2.11%s           ried         0.2000016.6         1.122.008         4.156,917.2         3         HT         1-year CMT         Monthly         1         7.07%s         2.11%s           ried         0.2000016.6         1.2000000         2         HT         1-year CMT         Monthly         1         7.07%s         2.11%s           ried         0.2000000         1.2000000         2<	Hemine         1466215901807h         1918833         861,19581         33         HT         1year CMT         Monthly         1         7557s         2789s         2578s           Tede         100%         6x047712         1596/63156         6         HT         1year CMT         Monthly         1         7578s         2578s           Tede         100%         23,636         23,615,58         2         HT         1year CMT         Monthly         1         7578s         23,75%s           Tede         100%         23,646,13         25,63,972         18         HT         1year CMT         Monthly         1         7578s         23,75%s           Tede         100%         8,948.7         45,845.7         4         14         14 cm CMT         Monthly         1         7587s         23,75%s           Tede         0.2008181927         4         17         1 year CMT         Monthly         1         7587s         23,75%s           Tede         0.200818192         1.200651         2.2445c         2.2445c         2.244c         2.244c         2.245c         2.245s         2.245s           Ted         1.200891         1.200891         1.200891         1.224c         1.2	Flemine         14662159018076         1918833         861,19581         33         HT         1year COT         Monthly         1         75878         27898           Tede         100%         65604712         15967451         3         HT         1year COT         Monthly         1         75878         27878           Tede         100%         2156.06         1346.02         28         HT         1year COT         Monthly         1         75978         23788           Tem         100%         256.64.11         285.43.25         18         HT         1year COT         Monthly         1         75978         23788           Tem         100%         859617         28.43.50.2         2         HT         1year COT         Monthly         1         75978         23788           Tem         100%         859617         42.82.89.7         4         HT         1year COT         Monthly         1         75978         23788           Tem         12.20.09.9         12.20.09.9         12.20.09.9         2         HT         1year COT         Monthly         1         75978         23788           Tem         22.20.09.9         12.20.00.9         2         HT	Franct         146621809160%         B) 18833         861,19581         33         HT         1year OTM         Monthly         1         75598         2.7848           rick         100%         656,04712         159,054,3156         6         HT         1year OTM         Monthly         1         75978         2.7848           red         100%         656,04712         159,054,317.8         2         HT         1year OTM         Monthly         1         75978         2.7848           red         100%         85,0651         254,015.8         2         HT         1year OTM         Monthly         1         75978         2.7588           red         100%         85,0657         3         HT         1year OTM         Monthly         1         75978         2.7588           red         100%         85,067         45,067         1         1         1         1         1         2.7588         2.7588         2.7588           red         100%         100%         100%         1         1         1         1         2.7588         2.7588         2.7588           red         100%         100         100         1         1         1	Temp         14022899100%         91,8833         861,9881         33         HT         1-year-OH         Monthly         1         757%         288%         258%           rick         0.00%         660,0712         150,63,226         25,405,83         1         1-year-OH         Monthly         1         757%         258%         258%           rick         0.00%         23,506         23,405.38         25         RT         1-year-OH         Monthly         1         75%         257%           rick         0.00%         23,506         23,405.38         2         RT         1-year-OH         Monthly         1         75%         257%           rick         0.00%         23,506         23,405.38         2         RT         1-year-OH         Monthly         1         75%         257%           rick         0.00%         3.59.83         4.55.957         2         RT         1-year-OH         Monthly         1         7.5%         2.5%           rick         0.20%0186         1.20         1.2         RT         1-year-OH         Monthly         1         7.5%         2.5%           rick         0.20%0186         1.2         1.2         1.2	Fernite         14.02215901076         19.18833         86.19834         33         HT         1-year: OH         Nonthly         17.875%         22.89%           chait         100%         13.06.05         13.52.06         13.17         year: OH         17.875%         25.89%           Term         100%         23.66.04         13.56.06         23.401.8         23         HT         1-year: OH         Nonthly         17.875%         25.87%           Term         100%         23.66.41         24.56.37         14         HT         1-year: OH         17.87%         25.87%           Term         100%         23.66.41         24.56.37         2         HT         1-year: OH         17.87%         25.97%           Term         100%         23.66.41         24.56.91.5         2         HT         1-year: OH         7.07%         2.19%           Term         100%         23.66.41         24.56.91.5         2         HT         1-year: OH         7.07%         2.21%         2.25%           Term         100%         23.66.41         24.56.91.5         2         HT         1-year: OH         7.07%         2.21%         2.21%           Term         25.06.91.5         2
riedt         100%         660,071.2         15,75,31.6         6         HT         1-year OM         Monthly         1         7,89%         2,51%           Fem         100%         65,60,71.2         15,80,60         28         HT         1-year OMT         Monthly         1         7,99%         2,15%           riedt         100%         2,55,60         2,54,807.2         18         HT         1-year CMT         Monthly         1         7,75%         2,25%           Flem         100%         2,55,60         2,54,807.2         1         HT         1-year CMT         Monthly         1         7,59%         2,25%           Flem         100%         3,53,61         2         HT         1-year CMT         Monthly         1         7,59%         2,25%           riedt         0,50,805 156%         1,52,805.0         1         HT         1-year CMT         Monthly         1         7,59%         2,55%           riedt         0,50,805 156%         15,2805.0         1,22,805.0         2         HT         1-year CMT         Monthly         1         7,69%         2,55%           riedt         0,50,805 156%         15,2805.0         2         HT         1-year CMT	riedt         100%         660,0712         15,676,313.0         6         HT         19year COMT         Monthly         1         769%         215%           Fram         100%         2,560.0         13,403.2         13,403.2         13,403.2         13,403.2         13,403.2         13,403.2         13,403.2         13,403.2         13,403.2         13,503.2         13,103.2         13,503.2         13,103.2         13,503.2         13,103.2         13,503.2	riedt         100%         66060712         15 p5 d5 3150         2 15 p5	riedt         100%         66060712         15 p5 654216         6         HT         1 year OMT         Monthly         1         76978         21518           Frem         100%         215606         245618         23         HT         1 year OMT         Monthly         1         76978         21518           Frem         100%         225606         245163         23         HT         1 year OMT         Monthly         1         75978         21598           Frem         100%         2566611         2451500         18         HT         1 year OMT         Monthly         1         77298         21598           Frem         100%         285601         26,13000         8         HT         1 year OMT         Monthly         1         77298         25978           Frem         100%         28500         24,13600         8         HT         1 year OMT         Monthly         1         77596         25978           Frem         100%         25,240         25,240         2         HT         1 year OMT         Monthly         1         77596         25978           Free         25,260         15,220         25,240         2         HT         <	riedt         100%         660,071.2         15,75,42.0         6         HT         1-year OHT         Monthly         1         769.9         215/16           Fem         100%         25,840.0         28,840.0         28         HT         1-year OHT         Monthly         1         769.9         215/18           Tem         100%         25,864.1         26,850.7         18         HT         1-year CMT         Monthly         1         759.9         215/18           Tem         100%         8,850.7         28,917         14         14         14         1         15         1         1         15         1	rickt         100%         66604712         15076/3426         6         FFT         1year CMT         Monthly         1         76978         2418           Frant         100%         256604         254545         23         HT         1year CMT         Monthly         1         76978         241878           Frant         100%         2566641         2545302         18         HT         1year CMT         Monthly         1         76978         241878           Frant         100%         2566641         2545302         18         HT         1year CMT         Monthly         1         75978         251878           Irent         100%         859617         48,25907         2         HT         1year CMT         Monthly         1         75978         25978           Incht         100%         859617         2         HT         1year CMT         Monthly         1         75978         25978           Incht         100%         2550454         2         HT         1year CMT         Monthly         1         75978         25978           Incht         122000         2         11         1year CMT         Monthly         1         75978	Tends         100%         556,547         15,653,256         6         HT         1-year CMT         Monthly         1         758/9s         245/16           Frem         100%         23,653,67         28         HT         1-year CMT         Monthly         1         758/9s         245/16           Frem         100%         23,653,67         28         HT         1-year CMT         Monthly         1         758/9s         245/9s           Frem         100%         23,653,67         28,613         28,130         8         HT         1-year CMT         Monthly         1         758/9s         259/9s           Frem         100%         23,653         28,130         8         HT         1-year CMT         Monthly         1         758/9s         259/9s           Acade         100%         23,642         28,839,00         8         HT         1-year CMT         Monthly         1         758/9s         259/9s           Acade         100%         12,243         12,243         1         1-year CMT         Monthly         1         758/9s         259/9s           Acade         100%         23,644         28,840         2         HT         1-year CMT
Team         100%         2.5810.03         2.5810.0	Figure   100%   296/6411   22633773   28   71   19cat CMT   Monthly   1 7759%   2375	Hem         100%         2,5810.00	Tem         100%         2.5810.03	Heatter         100%         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(10.0)         2.58(41.0)         2.58(10.0)         2.58(41.0)	Team         100%         2.58(10.0)	read         100%         2.58(10.0)
rack         100%         28/66/41         326/53/72         1         HT         1-year CMT         Monthly         1         752%         15.8%         219%         219%           Team         100%         83/91/T         38/91/T         14         1-year CMT         Monthly         1         752%         15.8%         219%         219/8%           Team         100%         83/91/T         28/13/90         8         HT         1-year CMT         Monthly         1         757%         2.2%         15.3%           rack         0.206/28/16/66         11/20/21/T         12/20/50         2         RT         1-year CMT         Monthly         1         76%         2.2%%         2.2%%           1 Varian         2.206/26/66         13/20/51         12/20/50         2         RT         1-year CMT         Monthly         1         76%         2.2%%         2.2%%         2.2%%         2.2%%           1 Varian         2.206/26/66         18.20/27         1.220/20/21/6         2         RT         1-year CMT         Monthly         1         7.6%%         2.2%%         2.2%%         2.2%%           1 Varian         2.206/26/66         18.204/25         1.206/26/21/26         2.2	Tech         100%         28,66(1)         26,58,50,23         18         HT         I-year CMT         Monthly         1         750%         219%         219%         109%           Term         100%         8,36,17         8,36,17         14         I-year CMT         Monthly         1         750%         219%         219%         159%         159%         150%	Tech         100%         2866641         26585873         18         HT         I-year CMT         Monthly         1         7590s         2199s         2199s <t< td=""><td>rick         100%         296,641         3,545,53,23         18         HT         1-year CMT         Monthly         1         750%         219%         219%         1         199%         110%         8,541,7         14         1-year CMT         Monthly         1         750%         219%         15.9</td><td>Tech         100%         296,641         3,545,873         14         14m         14m</td><td>challed         100%         29% 6411         3.545.53.73         18         HT         1-year CMT         Monthly         1         7.59%         219%         219%           Term         100%         8.36.17         3.456.17         14         1-year CMT         Monthly         1         7.59%         1.99%         1.99%           Term         0.00%         3.59.17         14         1-year CMT         Monthly         1         7.59%         2.99%         1.99%         &lt;</td><td>rick         100%         28/65/21         2.66.5/21         1.8         H.T.         I-year CMT         Monthly         1         7.22%         1.85%         1.99%         2.19%         1.99%</td></t<>	rick         100%         296,641         3,545,53,23         18         HT         1-year CMT         Monthly         1         750%         219%         219%         1         199%         110%         8,541,7         14         1-year CMT         Monthly         1         750%         219%         15.9	Tech         100%         296,641         3,545,873         14         14m	challed         100%         29% 6411         3.545.53.73         18         HT         1-year CMT         Monthly         1         7.59%         219%         219%           Term         100%         8.36.17         3.456.17         14         1-year CMT         Monthly         1         7.59%         1.99%         1.99%           Term         0.00%         3.59.17         14         1-year CMT         Monthly         1         7.59%         2.99%         1.99%         <	rick         100%         28/65/21         2.66.5/21         1.8         H.T.         I-year CMT         Monthly         1         7.22%         1.85%         1.99%         2.19%         1.99%
Figure	Fram	Hammore   100%   8,50,17   8,50,17   8,50,17   14   141   149cm CMT   Monthly   1 722%   123%   152%   15	Tem         100%         8,50,17         8,50,17         14         1-yeu CMT         Monthly         1         722%         18-5%         18-5%           Tem         100%         8,90,17         4,53,50,1         2         14         1-yeu CMT         Monthly         1         7,64%         15,24%	Team         100%         8,50,17         8,50,17         8,50,17         14         P-yen CMT         Monthly         1         722%         185%         185%           Team         100%         8,98,07         3,58,07         28         17         1-yen CMT         Monthly         1         7,60%         2,50%         15,50%           Team         0,980,016/6%         1,32,72         3,41,500         3         17         1-yen CMT         Monthly         1         7,60%         2,50%         2,50%         1           Jean         0,380,016/6%         1,32,020         1,280,015         2         17         1-yen CMT         Monthly         1         7,60%         2,50%         2,	[Hamm         100%         8,50,17         8,50,17         8,50,17         14         P-yen CMT         Monthly         1         722%         1,52%         1,52%           Tell         1,00%         8,98,07         3,58,97         3,6         14         1,424,04         1         7,60%         2,50%         1,52%         1,52%         1,50%         1         1,50%         1         1,50%         1         1,50%         1         1,50%         1         1,50%         1         1,50%         1         1,50%         1         1,50%         1         1         1,50%         1         1,50%         1         1         1,50%         1         1,50%         1         1         1,50%         1         1         1,50%         1         1         1,50%         1         1         1,50%         1         1         1,50%         1         1         1,50%         1         1         1,50%         1 <td>  Fram</td>	Fram
Figure   F	100%   894813   123,8951   20   HT   1-year OM   Monthly   1 76,47%   122,67%   122,67%   122,67%   122,67%   122,67%   122,67%   122,67%   122,67%   122,67%   122,62%   122,	1,2,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,	1.00   1.00	1.00   1.00	1.00   2.945, 2.75   2.945, 2.1   2.944, 2.1   2.944, C.M   Monthly   1.764, 2.976, 1.2276,	The color   1000   89.81   2.03   2
Part	Particular   Octobia 1917%   41,30,143   Particular   According	Particular   Cocoolisio   Particular   Particular   Cocoolisio   Particular   Cocoolisio   Particular   Particular   Cocoolisio   Particular   Particular   Cocoolisio   Particular   Cocoolisio   Particular   Particular   Cocoolisio   Particular   Particular   Cocoolisio   Particular   Particular   Cocoolisio   Particular   Particular   Particular   Cocoolisio   Particular   Par	Particular   Coccoolisiology   Particular   Particular   Coccoolisiology   Particular   Particular   Coccoolisiology   Particular	Part	Particular   Coccoolision   Particular   Particular   Coccoolision   Particular   Particular   Coccoolision   Particular   Particular   Coccoolision   Particular   Coccoolision   Particular   Coccoolision   Particular   Particular   Coccoolision   Particular   Coccoolision   Particular   Coccoolision   Particular   Particular   Particular   Coccoolision   Particular   Particular   Coccoolision   Particular   Partic	Column   Color   Col
circle         0.3896316666s         11,200.04511         12,008.52316         2         HT         1-year CMT         Monthly         1         77280s         2,5788s         2,5788s           Team         0.3896316666s         18,203.504         15,203.504         2         HT         1-year CMT         Monthly         1         7,7280s         2,5788s         2,5788s           red         1,200.850516666s         188,37.04         1,220.0504         2         HT         1-year CMT         Monthly         1         7,600s         2,500s         2,500s           red         2,200.850516666s         88,83.704         1,922.0026216         2         HT         1-year CMT         Monthly         1         7,500s         2,000s         2,000s           red         2,200.85051666s         88,83.704         1,922.0026216         2         HT         1-year CMT         Monthly         1         7,577s         2,000s         2,000s           red         2,200.8505166s         8,83.704         2,545.855.0         2         HT         1-year CMT         Monthly         1         7,777s         2,000s         2,228s         2,228s         2,228s         2,228s         2,228s         2,228s         2,228s         2,228s	Control   Cont	cist         0.38605166666         11.0201045.11         12.018.522.81         2         HT         1-year CMT         Monthly         1         77.2596         2.578%	1,00,00,00,00,00,00,00,00,00,00,00,00,00	1,00,00,00,00,00,0,0,0,0,0,0,0,0,0,0,0,	column         2.38969166666         11.920.045.11         1.200.85.23.13         2         HT         1-year CMT         Monthly         1         7.7296         2.57986	calit         0.38605166666         11.9201045.11         12.018.522.81         2         HT         1-year CMT         Monthly         1         77.296         2.578%
1,00,00,00,00,00,00,00,00,00,00,00,00,00	1,00,00,00,00,00,00,00,00,00,00,00,00,00	1.00   1.00	1.00   1.00	1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	1.0.00000166666   152,20550   152,9050   1.0.00000   1.0.00000   1.0.00000   1.0.00000   1.0.00000   1.0.00000   1.0.00000   1.0.0000   1.0.0000   1.0.0000   1.0.0000   1.0.0000   1.0.00000   1.0.0000   1.0.0000   1.0.0000   1.0.0000   1.0.0000   1.0.00000   1.0.0000   1.0	Career   C
ed frame         O.39905106%         88.35,72.4         189,32.4.1         2         FLI         1-year CMT         Monthly         1         750%         1.75% </td <td>0.399905166666 83827-66 83890-80 4 H 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1</td> <td>ed frame         0.39905106%         88.324.3         189.324.4         2         H1         1-year CAT         Monthly         1         7.00%         1.75%</td> <td>ed frame         2.3895056%         88.837.98         193,82.44         2         FILL         1-year CAT         Monthly         1         7.50%         1.75%<td>ed frame         2.3990516%         8.83,724.8         1.93,83.14         2         FILL         1-year CAT         Monthly         1         7.00%         1.75%&lt;</td><td>ed bytem         Obsobbolosopy         189,224         189,824,14         2         FIL         1-year CAT         Monthly         1         7,00%         1,75%         1,55%<!--</td--><td>0.39905166666, 88327-46 88380-46 2 HT 1-year-CM Monthly 1 7360% 2000% 1.500% 1.</td></td></td>	0.399905166666 83827-66 83890-80 4 H 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	ed frame         0.39905106%         88.324.3         189.324.4         2         H1         1-year CAT         Monthly         1         7.00%         1.75%	ed frame         2.3895056%         88.837.98         193,82.44         2         FILL         1-year CAT         Monthly         1         7.50%         1.75% <td>ed frame         2.3990516%         8.83,724.8         1.93,83.14         2         FILL         1-year CAT         Monthly         1         7.00%         1.75%&lt;</td> <td>ed bytem         Obsobbolosopy         189,224         189,824,14         2         FIL         1-year CAT         Monthly         1         7,00%         1,75%         1,55%<!--</td--><td>0.39905166666, 88327-46 88380-46 2 HT 1-year-CM Monthly 1 7360% 2000% 1.500% 1.</td></td>	ed frame         2.3990516%         8.83,724.8         1.93,83.14         2         FILL         1-year CAT         Monthly         1         7.00%         1.75%<	ed bytem         Obsobbolosopy         189,224         189,824,14         2         FIL         1-year CAT         Monthly         1         7,00%         1,75%         1,55% </td <td>0.39905166666, 88327-46 88380-46 2 HT 1-year-CM Monthly 1 7360% 2000% 1.500% 1.</td>	0.39905166666, 88327-46 88380-46 2 HT 1-year-CM Monthly 1 7360% 2000% 1.500% 1.
2.26(999)77%         8.833,705         1.9220262161         24         HT         1-year Orf         Monthly         1         7.27%         2.072%         2.072%           2.26(999)77%         352,914.25         2.3         HT         1-year Orf         Monthly         1         7.45%         2.22%         2.22%         2.22%           2.26(999)76%         355,914.25         2.3         HT         1-year Orf         Monthly         1         7.46%         2.24%         2.22%         2.22%           2.24(999)76%         355,612         2.3         HT         1-year Orf         Monthly         1         7.46%         2.24%         2.25%           2.24(999)76%         2.356.85         2.3         HT         1-year Orf         Monthly         1         7.76%         2.93%         2.05%           2.24(999)76%         2.356.85         2.3         HT         1-year Orf         Monthly         1         7.76%         2.35%         2.35%           1.00%         2.138.66         2.4         HT         1-year Orf         Monthly         1         7.76%         2.35%         2.35%           1.00%         2.322.2         6.7.30.88         18         HT         1-year Orf         Monthly	2.26(999)77%         8.833,705 S         1,922,022,621.65         24         HT         1,92m CMT         Monthly         1         7,27%         2,072%         2,072%           2.26(999)77%         \$52,914.25         2.3         HT         1,94m CMT         Monthly         1         7,47%         2,072%         2,023%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%         2,233%	Concili         22003999798         8833709.5         1,922002.5216         24         HT         1-year OAT         Monthly         1         747%         20726         20266           ed Ferm         22003999778         \$32.944.5         35.244.5         2         HT         1-year OAT         Monthly         1         7.44%         22286         2.2286           ed Ferme         2200399778         \$35.944.5         2.4         HT         1-year OAT         Monthly         1         7.44%         22286         2.2286           of redt         1006         \$155.881.02         2.4         HT         1-year OAT         Monthly         1         7.469         2.2846         2.2866           of redt         1006         \$75.904.2         \$1.55.841.2         1         HT         1-year OAT         Monthly         1         7.479         2.2846         2.2866           of redt         1006         \$75.904.8         \$2.004.8         \$1.4         1-year OAT         Monthly         1         7.4796         2.2846         2.2846           of red frame         1006         \$3.20.24         \$2.50.04         \$2         HT         1-year OAT         Monthly         1         7.4796         2.2476	Closelit         2.2609999798         8833,709.56         1.9220026216         2         HT         1.yeur GAT         Monthly         1         7.27%         2.072%         2.072%           cled frame         2.2609999789         8.52,444.25         2.3         HT         1-yeur GAT         Monthly         1         7.75%         2.23%         2.23%         2.24%           cled frame         2.26099974%         8.52,444.25         2.4         HT         1-yeur GAT         Monthly         1         7.75%         2.23%         2.23%         2.23%         2.24%           cled frame         2.26099974%         2.566.23         2.554.8550         2.4         HT         1-yeur GAT         Monthly         1         7.75%         2.09%         2.23%         2.24%	Coelit         22009997978         8833709.5         19220022316         2         HT         1yara CMT         Monthly         1         72779         20729         20729           cleTrem         22009997978         8524442         23         HT         1yara CMT         Monthly         1         7779         20729         22496         22496           cleTreme         2200999778         513402         5854835         24         HT         1yara CMT         Monthly         1         77796         22496         22498         1           cleTreme         2200999778         1152009         11536450         24         HT         1yara CMT         Monthly         1         77696         23486         23486           cleTreme         10006         11584650         357304212         18         HT         1yara CMT         Monthly         1         77696         23486         18886           cleTreme         10006         1454048         165439         18         HT         1yara CMT         Monthly         1         77696         235706         235706           cleTreme         10006         14640518         165436         18         HT         1yara CMT         Monthly	Coequit         22009997978         8833709.5         1,922002.23.16         23         HT         1year Ord         Monthly         1         77778         20728         22286           cleTerm         22009997498         \$35,944.25         35,244.25         23         HT         1year Ord         Monthly         1         7,449         22386         22,286           cleTerm         22009997498         \$35,044.25         23         HT         1year Ord         Monthly         1         7,449         22,876         22,876           cleTerm         22009997498         \$11,520.09         11,555,810.2         23         HT         1year Ord         Monthly         1         7,449         22,876         22,876           cleTerm         10006         \$1,556,61.28         21,558.81.22         14         1         1year Ord         10,649         1,649         23         14         1         1,440         1         1,649         23,878         23,878         23,878         23,878         24,888         23,878         23,878         24,888         23,878         23,878         24,888         23,878         24,888         23,878         24,888         23,878         24,888         23,878         24,888         23,88	2.26(999)77%         8.833,705 S         1,922,02,621.65         24         HT         1,92m CMT         Monthly         1         7,47%         2,072%         2,072%           2.26(999)77%         352,914.25         2.3         HT         1,92m CMT         Monthly         1         7,47%         2,12%         2,22%           2.26(999)77%         352,914.25         2.3         HT         1,92m CMT         Monthly         1         7,47%         2,22%         2,22%           2.24(999)77%         355,914.25         2.3         HT         1,92m CMT         Monthly         1         7,46%         229%         2,22%           2.24(999)77%         35,924.26         2.4         HT         1,92m CMT         Monthly         1         7,46%         2,24%         2,25%           100%         2.158.66.59         2.0         HT         1,92m CMT         Monthly         1         7,46%         2,43%         2,43%           100%         2.158.66.89         1.8         HT         1,92m CMT         Monthly         1         7,46%         2,44%         2,44%           100%         2.158.66.89         1.8         HT         1,92m CMT         Monthly         1         7,47%         2,25%
2.24(2999)(7%)         5.52(4)(4.2)         2.3         HT         1-year Orf         Monthly         1         7-46%         2.22%         2.22%           2.24(2999)(7%)         5.53(104.2)         5.53(104.2)         2.4         HT         1-year Orf         Monthly         1         7-46%         2.23%         2.22%           2.24(2999)(7%)         2.5(15.85)(3.6)         2.4         HT         1-year Orf         Monthly         1         7-76%         2.29%         2.22%           2.00(2999)(7%)         2.15(5.85)         2.3         HT         1-year Orf         Monthly         1         7-76%         2.09%         2.09%           1.00%         2.15(5.85)         2.2         HT         1-year Orf         Monthly         1         7-76%         2.94%         2.09%           1.00%         2.15(5.85)         2.0         HT         1-year Orf         Monthly         1         7-76%         2.94%         2.94%           1.00%         3.52(2.3)         6.14,30 kg         18         HT         1-year Orf         Monthly         1         7.76%         2.94%         2.94%           1.00%         3.52(2.3)         1.6         HT         1-year Orf         Monthly         1         <	2.240999977% 52244.25 23 HT 1-year Odf Monthly 1 7-45% 2235% 2.225% 2.225% 2.225% 2.225% 2.225% 2.225% 2.225% 2.226999977% 2.3466.02 2.651,858.60 24 HT 1-year Odf Monthly 1 7-467% 2.224% 2.224% 2.22699977% 2.346.02 2.651,858.60 2.2 HT 1-year Odf Monthly 1 7-27% 2.224% 2.224% 2.226% 2.246%	ted from 220099970% \$53.9445 \$12.0445 \$1.0441   19var Odf Monthly   7.445% \$22878 \$2.228% \$2.228% \$1.0441   19var Odf Monthly   7.445% \$2.245% \$2.228% \$2.228% \$1.0441   19var Odf Monthly   7.445% \$2.249% \$2.248% \$2.248% \$1.228% \$2.248% \$2	cl rem         22099978%         3529443         23         HT         1year Orff         Monthy         1         744%         223%         222%         222%           cl reme         22099978%         353100         354300         24         HT         1year Orff         Monthy         1         744%         223%         222%         222%           cl reme         22099978%         354300         155886         24         HT         1year Orff         Monthy         1         746%         224%         224%           cl reme         100%         1152602         11555810         2         HT         1year Orff         Monthy         1         756%         234%         254%           cl rem         100%         3158,659         2         HT         1year Orff         Monthy         1         756%         234%         255%           cl rem         100%         1464048         1653,458         2         HT         1year Orff         Monthy         1         756%         235%         235%           cl rem         100%         1464048         1653,458         2         1         1         1         1         2         2         2         2	cl mm         22009907Pm         55.944.5         52.944.5         23         HT         1-year OH         Monthly         1         7.44%         22.95%         22.25% <td>clicking         220,999,97%         35,944.5         23         HT         1-year OH         Monthly         1         745%         225%         222%         222%           clicking         25,93,806.0         24         HT         1-year OH         Monthly         1         746%         225,8%         222%           clickin         22,0099976%         25,33,806.0         24         HT         1-year OH         Monthly         1         746%         225%         225%         225%           clockit         100%         21,528,812         23         HT         1-year OH         Monthly         1         746%         229%         229%           clockit         100%         23,522.2         674,304.8         26         HT         1-year OH         Monthly         1         75%         235%         25%</td> <td>2260999977% 5224425 23 HT 1-year Odf Monthly 1 7-45% 2224% 2228% 2228% 2228% 226999977% 2546602 265458860 24 HT 1-year Odf Monthly 1 7-46% 2224% 2224% 226999977% 2546602 265458860 24 HT 1-year Odf Monthly 1 7-46% 2224% 2224% 22699977% 25460299977% 2546029 25558102 25 HT 1-year Odf Monthly 1 7-276% 2099% 2099% 2099% 2009% 2246989977% 254602 25558102 25 HT 1-year Odf Monthly 1 7-276% 2099% 2099% 2099% 2009% 254602 25468 25 HT 1-year Odf Monthly 1 7-264% 2099% 2099% 2009%</td>	clicking         220,999,97%         35,944.5         23         HT         1-year OH         Monthly         1         745%         225%         222%         222%           clicking         25,93,806.0         24         HT         1-year OH         Monthly         1         746%         225,8%         222%           clickin         22,0099976%         25,33,806.0         24         HT         1-year OH         Monthly         1         746%         225%         225%         225%           clockit         100%         21,528,812         23         HT         1-year OH         Monthly         1         746%         229%         229%           clockit         100%         23,522.2         674,304.8         26         HT         1-year OH         Monthly         1         75%         235%         25%	2260999977% 5224425 23 HT 1-year Odf Monthly 1 7-45% 2224% 2228% 2228% 2228% 226999977% 2546602 265458860 24 HT 1-year Odf Monthly 1 7-46% 2224% 2224% 226999977% 2546602 265458860 24 HT 1-year Odf Monthly 1 7-46% 2224% 2224% 22699977% 25460299977% 2546029 25558102 25 HT 1-year Odf Monthly 1 7-276% 2099% 2099% 2099% 2009% 2246989977% 254602 25558102 25 HT 1-year Odf Monthly 1 7-276% 2099% 2099% 2099% 2009% 254602 25468 25 HT 1-year Odf Monthly 1 7-264% 2099% 2099% 2009%
2.24(9999)7-76         55,511.00         5,87,580.00         24         HT         1-year Orf         Monthly         1         7,479         22-84         22-84           2.24(999)7-76         2.24(95)8-77         2.45(18)8-18         2.4         HT         1-year Orf         Monthly         1         7,479         2.24         2.24           2.24(999)7-76         1.32(80)         3.57(90.275)12         18         HT         1-year Orf         Monthly         1         7.76%         2.93%         2.93%           100%         3.23(80)4-8         3.75(90.275)12         18         HT         1-year Orf         Monthly         1         7.6%         2.53%         2.94%	2.24(9999)7-76         55,511.00         5,87,580.00         24         HT         1-year Orf         Monthly         1         7,479         22-86         22-86           2.24(999)7-76         2.24(999)7-76         1.34(1)         2.44(1)         1.44(1)         1.74(1)         1.9886         2.284         2.284           2.24(999)7-76         1.35(8)41         2.4         1.4         1.44cc Orf         Monthly         1         7.479         2.284         2.284           100%         1.37(8)46         3.57(9)47(27)12         18         HT         1-year Orf         Monthly         1         7.679         2.294         2.348           100%         3.74(3)40         8         2.1(3)40         8         1         1         1.7479         2.184         1           100%         1.74(4)40         8.5(3)8         18         HT         1-year Orf         Monthly         1         7.698         2.348         2.348           100%         1.64(1)4         8.5(0)8         18         HT         1-year Orf         Monthly         1         7.299         2.299           100%         1.34(1)4         1.4         1.4         1-year Orf         Monthly         1         7.299         <	c.         226039970-%         5531100         587,800.0         24         HT         Lycar Oct         Monthly         1         7,479         2249         2249           cel reme         226039977-%         2.466.02         2.45386.02         24         HT         1-year Oct         Monthly         1         7,479         2.249         2.249           cel reme         226039977-%         113,266.0         2.45386.0         24         HT         1-year Oct         Monthly         1         7,479         2.249         2.249           cl clett         1006         1.258,40.5         3.523,627.7         1         H         1-year Oct         Monthly         1         7,479         2.249         2.249           cl cl cl         1.006         1.258,40.5         3.523,627.7         1         H         1-year Oct         Monthly         1         7,479         2.249         2.348           cl cl cl cl         1.006         1.544,9         85,698         18         H         1-year Oct         Monthly         1         7,479         2.348         2.348           cl cl cl cl         1.006         1.544,00.2         1.543,40.8         1         H         1-year Oct         Monthly         1	c.         226099970-%         553100         587,800.0         24         lycurOdT         Monthly         1         7,40%         2234%         224%<	te 22099997% 353110 55879006 24 HT 1yeurOdT Monthly 1 7-AD9 2254% 2254% 2254% 2200099997% 2254% 2255832 24 HT 1yeurOdT Monthly 1 7-AD9 22009997% 2254% 2255832 24 HT 1yeurOdT Monthly 1 7-AD9 22009% 25009% 2	termore 2200999778, 8531100 588780500 24 HI 1year Odf Monthy 1 7,4796, 12846, 22846, 22846, 22846, 22848, 2	2.36(9999)7-%         5,5311.00         5,87,800.00         24         HT         1-year Orf         Monthly         1         7,47%         2.24%         2.24%           2.24(999)7-7%         13,246.00         24         HT         1-year Orf         Monthly         1         7,47%         1.238%         2.24%           2.24(999)7-7%         11,528,05.8         18         HT         1-year Orf         Monthly         1         7,67%         2.93%         2.93%           100%         3,275,02.73         18         HT         1-year Orf         Monthly         1         7,67%         2.93%         2.94%           100%         3,273,02.2         6,73,40.08         18         HT         1-year Orf         Monthly         1         7,68%         2.94%         2.94%           100%         1,644,19         85,608.99         18         HT         1-year Orf         Monthly         1         7,28%         2.94%         2.94%           100%         1,644,19         85,608.89         18         HT         1-year Orf         Monthly         1         7,28%         2.95%         2.95%           100%         4,725.6         2,32,224.82         17         HT         1-year Orf
2.4899977-W         1.54960Z         2.59,583.0         24         1.41         1-year CM         Monthly         1         7.77%         1.88%         1.88%         1.88%           2.4899977-W         1.3286.65-0         3.573-902.737.12         18         HT         1-year CM         Monthly         1         7.75%         2.93%         1.38%	2.48999776 M.         1.54804 C.         2.59,528.02         2.4         1.4-14-T.CM         Monthly         1.7576         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         2.948%	red frame         2.26029997 %         1.250204 %         2.6002.	red frame         2.240.999.47 %         1.25.00.1         2.55.38.93.2         2.4         1.4         1.54.00.1         1.55.8%	rd Ferrar (220099977% 113,200.2 2,503,583.10.2 14 1,1947 CM Monthly 1 771% 2009% 1158% 118	red frame         2.260.999.47%         1.32.04.02.         2.45.1.3.53.02.         2.45.1.3.5.3.02.         2.45.1.3.02.         1.45.1.3.	2.24(999)77%         1.348(1)         2.45(0.02)         2.45(3.88)         2.45(3.88)         1.4 - 1-year CAT         Monthly         1.75(9)         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         1.888%         2.942% <th< td=""></th<>
100%         1138,059         3,573,0273712         18         HT         1-year Orf         Monthly         1         768%         2.912% <td>100%         1138,059         3,573,027371         18         HT         1year Orf         Monthly         1         768%         2,912%         2,912%         2,912%           100%         3,736,023         271,0088         18         HT         1year Orf         Monthly         1         778%         2,913%         2,518%         2,912%           100%         3,746,19         8,608.89         18         HT         1year Orf         Monthly         1         7,18%         2,518%         2,518%           100%         1,644,19         8,608.89         18         HT         1year Orf         Monthly         1         7,28%         2,50%           100%         5,638,47         1,672,46         2,53,224,82         17         HT         1year Orf         Monthly         1         7,29%         2,47%         2,20%           100%         4,172.61         20         HT         1year Orf         Monthly         1         7,59%         2,42%         2,42%           100%         4,172.61         20         HT         1year Orf         Monthly         1         7,59%         2,29%         2,42%           100%         4,172.61         20         HT         1year Orf<td>Clockit         100         11.38,40.5         3.573,902,771.2         18         RT         1year Orf         Monthly         1         76489         2.428         2.428         2.428           ed Fram         1006         3.273,68.5         2.10,68.8         18         RT         1year Orf         Monthly         1         7.689         2.428         2.428           et France         1006         3.276,68         18         RT         1year Orf         Monthly         1         7.689         2.959         2.428           f Credit         1006         1.644,9         8.808.9         18         RT         1year Orf         Monthly         1         7.789         2.059         2.059           Gredit         1006         1.464,9         8.808.9         17         RT         1year Orf         Monthly         1         7.789         2.059         2.059           Gredit         1006         1.4726         2.4224         1         RT         1year Orf         Monthly         1         7.789         2.429         2.443           def Fram         1006         4.7261         2.4224         1         1         1         7.789         2.443         2.443</td><td>Coresti         100         11.358,40.5         3.573,902,737.12         18         RT         1year Orf         Monthly         1         76898         2.428         2.3428         2.3428           ed Fram         10006         3.273,682.8         2.10,6838         18         RT         1year Orf         Monthly         1         7.6878         2.3478         2.3428           focati         10006         3.270,682         18         RT         1year Orf         Monthly         1         7.6878         2.3578         2.3428           focati         1006         5.68,913.8         18         RT         1year Orf         Monthly         1         7.6398         2.4278         2.3078           focati         10.06         5.68,913.8         18         RT         1year Orf         Monthly         1         7.6398         2.4478         2.3078           forest         10.06         5.68,913.8         19         RT         1year Orf         Monthly         1         7.6398         2.4478         2.4478         2.4478           forest         10.06         4.172.6         2.4728         2.4728         2.4478         2.4478         2.4478         2.4478         2.4478         2.4478</td><td>Corecti         100         11.38,40.5         3.573,90.27712         18         HT         1-year-OMT         Monthly         1         76898         2.4288         2.4288         2.4288           ed         100%         271,688.8         271,688.8         18         HT         1-year-OMT         Monthly         1         76878         2.4288         2.5458           cloud         100%         1.644.19         86,088.9         18         HT         1-year-OMT         Monthly         1         7.6298         2.9378         2.9378           cloud         100%         1.564.19         86,088.9         18         HT         1-year-OMT         Monthly         1         7.6298         2.9378         2.9378           cloud         1.00         1.456.21         1.472.24         1         1         7.6298         2.8378         2.8378           cloud         1.00         1.472.61         2.4726         2.4288         2.4288         2.4288         2.4288         2.4288           cloud         1.00         1.472.61         2.4726         2.4726         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         <t< td=""><td>Condition         1006         11.258,46.5 g         3.573,902,771.2 g         18         HT         1year OH         Monthly         1         76489         2.3428         <th< td=""><td>100%         1138,059         3,573,0273712         18         HT         1-year Orf         Monthly         1         7-68%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-3430%         2-342%<!--</td--></td></th<></td></t<></td></td>	100%         1138,059         3,573,027371         18         HT         1year Orf         Monthly         1         768%         2,912%         2,912%         2,912%           100%         3,736,023         271,0088         18         HT         1year Orf         Monthly         1         778%         2,913%         2,518%         2,912%           100%         3,746,19         8,608.89         18         HT         1year Orf         Monthly         1         7,18%         2,518%         2,518%           100%         1,644,19         8,608.89         18         HT         1year Orf         Monthly         1         7,28%         2,50%           100%         5,638,47         1,672,46         2,53,224,82         17         HT         1year Orf         Monthly         1         7,29%         2,47%         2,20%           100%         4,172.61         20         HT         1year Orf         Monthly         1         7,59%         2,42%         2,42%           100%         4,172.61         20         HT         1year Orf         Monthly         1         7,59%         2,29%         2,42%           100%         4,172.61         20         HT         1year Orf <td>Clockit         100         11.38,40.5         3.573,902,771.2         18         RT         1year Orf         Monthly         1         76489         2.428         2.428         2.428           ed Fram         1006         3.273,68.5         2.10,68.8         18         RT         1year Orf         Monthly         1         7.689         2.428         2.428           et France         1006         3.276,68         18         RT         1year Orf         Monthly         1         7.689         2.959         2.428           f Credit         1006         1.644,9         8.808.9         18         RT         1year Orf         Monthly         1         7.789         2.059         2.059           Gredit         1006         1.464,9         8.808.9         17         RT         1year Orf         Monthly         1         7.789         2.059         2.059           Gredit         1006         1.4726         2.4224         1         RT         1year Orf         Monthly         1         7.789         2.429         2.443           def Fram         1006         4.7261         2.4224         1         1         1         7.789         2.443         2.443</td> <td>Coresti         100         11.358,40.5         3.573,902,737.12         18         RT         1year Orf         Monthly         1         76898         2.428         2.3428         2.3428           ed Fram         10006         3.273,682.8         2.10,6838         18         RT         1year Orf         Monthly         1         7.6878         2.3478         2.3428           focati         10006         3.270,682         18         RT         1year Orf         Monthly         1         7.6878         2.3578         2.3428           focati         1006         5.68,913.8         18         RT         1year Orf         Monthly         1         7.6398         2.4278         2.3078           focati         10.06         5.68,913.8         18         RT         1year Orf         Monthly         1         7.6398         2.4478         2.3078           forest         10.06         5.68,913.8         19         RT         1year Orf         Monthly         1         7.6398         2.4478         2.4478         2.4478           forest         10.06         4.172.6         2.4728         2.4728         2.4478         2.4478         2.4478         2.4478         2.4478         2.4478</td> <td>Corecti         100         11.38,40.5         3.573,90.27712         18         HT         1-year-OMT         Monthly         1         76898         2.4288         2.4288         2.4288           ed         100%         271,688.8         271,688.8         18         HT         1-year-OMT         Monthly         1         76878         2.4288         2.5458           cloud         100%         1.644.19         86,088.9         18         HT         1-year-OMT         Monthly         1         7.6298         2.9378         2.9378           cloud         100%         1.564.19         86,088.9         18         HT         1-year-OMT         Monthly         1         7.6298         2.9378         2.9378           cloud         1.00         1.456.21         1.472.24         1         1         7.6298         2.8378         2.8378           cloud         1.00         1.472.61         2.4726         2.4288         2.4288         2.4288         2.4288         2.4288           cloud         1.00         1.472.61         2.4726         2.4726         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         <t< td=""><td>Condition         1006         11.258,46.5 g         3.573,902,771.2 g         18         HT         1year OH         Monthly         1         76489         2.3428         <th< td=""><td>100%         1138,059         3,573,0273712         18         HT         1-year Orf         Monthly         1         7-68%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-3430%         2-342%<!--</td--></td></th<></td></t<></td>	Clockit         100         11.38,40.5         3.573,902,771.2         18         RT         1year Orf         Monthly         1         76489         2.428         2.428         2.428           ed Fram         1006         3.273,68.5         2.10,68.8         18         RT         1year Orf         Monthly         1         7.689         2.428         2.428           et France         1006         3.276,68         18         RT         1year Orf         Monthly         1         7.689         2.959         2.428           f Credit         1006         1.644,9         8.808.9         18         RT         1year Orf         Monthly         1         7.789         2.059         2.059           Gredit         1006         1.464,9         8.808.9         17         RT         1year Orf         Monthly         1         7.789         2.059         2.059           Gredit         1006         1.4726         2.4224         1         RT         1year Orf         Monthly         1         7.789         2.429         2.443           def Fram         1006         4.7261         2.4224         1         1         1         7.789         2.443         2.443	Coresti         100         11.358,40.5         3.573,902,737.12         18         RT         1year Orf         Monthly         1         76898         2.428         2.3428         2.3428           ed Fram         10006         3.273,682.8         2.10,6838         18         RT         1year Orf         Monthly         1         7.6878         2.3478         2.3428           focati         10006         3.270,682         18         RT         1year Orf         Monthly         1         7.6878         2.3578         2.3428           focati         1006         5.68,913.8         18         RT         1year Orf         Monthly         1         7.6398         2.4278         2.3078           focati         10.06         5.68,913.8         18         RT         1year Orf         Monthly         1         7.6398         2.4478         2.3078           forest         10.06         5.68,913.8         19         RT         1year Orf         Monthly         1         7.6398         2.4478         2.4478         2.4478           forest         10.06         4.172.6         2.4728         2.4728         2.4478         2.4478         2.4478         2.4478         2.4478         2.4478	Corecti         100         11.38,40.5         3.573,90.27712         18         HT         1-year-OMT         Monthly         1         76898         2.4288         2.4288         2.4288           ed         100%         271,688.8         271,688.8         18         HT         1-year-OMT         Monthly         1         76878         2.4288         2.5458           cloud         100%         1.644.19         86,088.9         18         HT         1-year-OMT         Monthly         1         7.6298         2.9378         2.9378           cloud         100%         1.564.19         86,088.9         18         HT         1-year-OMT         Monthly         1         7.6298         2.9378         2.9378           cloud         1.00         1.456.21         1.472.24         1         1         7.6298         2.8378         2.8378           cloud         1.00         1.472.61         2.4726         2.4288         2.4288         2.4288         2.4288         2.4288           cloud         1.00         1.472.61         2.4726         2.4726         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288         2.4288 <t< td=""><td>Condition         1006         11.258,46.5 g         3.573,902,771.2 g         18         HT         1year OH         Monthly         1         76489         2.3428         <th< td=""><td>100%         1138,059         3,573,0273712         18         HT         1-year Orf         Monthly         1         7-68%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-3430%         2-342%<!--</td--></td></th<></td></t<>	Condition         1006         11.258,46.5 g         3.573,902,771.2 g         18         HT         1year OH         Monthly         1         76489         2.3428 <th< td=""><td>100%         1138,059         3,573,0273712         18         HT         1-year Orf         Monthly         1         7-68%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-3430%         2-342%<!--</td--></td></th<>	100%         1138,059         3,573,0273712         18         HT         1-year Orf         Monthly         1         7-68%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-342%         2-3430%         2-342% </td
100%         271,685 St         271,685 St         18         HT         I-year OdT         Monthly         1         765%         255%         255%         255%           100%         5,322 St         674,308 St         20         HT         I-year OdT         Monthly         1         736%         255%         255%           100%         14,614 D         86,608.89         18         HT         I-year OdT         Monthly         1         736%         2,00%         2,00%           100%         14,626.8         16,53,547         H, 72,264         17         H         I-year OdT         Monthly         1         7,67%         2,40%         2,50%           100%         1,417.261         2,53,247.3         16         HT         I-year OdT         Monthly         1         7,65%         2,20%         2,50%           100%         1,417.261         20         HT         I-year OdT         Monthly         1         7,55%         2,26%         2,50%           100%         5,521.47         20         HT         I-year OdT         Monthly         1         7,55%         2,26%         2,50%           100%         5,521.48         35         14         I-year OdT	100%         271,6858         18         RT         1-year CAT         Monthly         1         7.62%         2.55%         2.55%           100%         3,32,23         674,368         20         RT         1-year CAT         Monthly         1         7.66%         2.55%         2.55%           100%         14,641,19         8,681,683,12         18         RT         1-year CAT         Monthly         1         7.26%         2.00%         2.00%           100%         14,623,648         16         RT         1-year CAT         Monthly         1         7.56%         2.50%         2.50%           100%         14,656,648         16,534,848         17         RT         1-year CAT         Monthly         1         7.56%         2.50%         2.50%           100%         14,656,648         2,532,747,54         16         RT         1-year CAT         Monthly         1         7.56%         2.25%         2.50%           100%         4,672,613         2,552,747,57         16         RT         1-year CAT         Monthly         1         7.56%         2.25%         2.56%           100%         5,052,818         2         RT         1-year CAT         Monthly	ed ferm         100%         271,688 sx         271,688 sx         18         HT         1-year Orff         Monthly         1         762%         255%         255%         255%           ed         100%         3,502.23         674,3648 sx         20         HT         1-year Orff         Monthly         1         765%         255%         255%         255%           ed feate         100%         164,048 sx         1658,181.2         18         HT         1-year Orff         Monthly         1         765%         220%         250%           cfcwidt         100%         556,264.24         145,254.248         17         HT         1-year Orff         Monthly         1         765%         220%         244%         244%           cfcwidt         100%         144,056.16         23,224.88         17         HT         1-year Orff         Monthly         1         765%         220%         244%         244%           cfcwidt         100%         4172.61         24,126         20         HT         1-year Orff         Monthly         1         765%         220%         244%           cfcwidt         100%         52,134.8         29,234.8         17         14         14	ed fram         100%         271,688 sx         271,688 sx         18         HT         1-year Orff         Monthly         1         765%         255%         255%         255%           ed frame         100%         3.492.23         674,3648 sx         20         HT         1-year Orff         Monthly         1         765%         255%         255%         255%           cd celet         100%         164,103         886,0848         18         HT         1-year Orff         Monthly         1         765%         250%         250%           cd celet         100%         556,048         1457,2548 sx         17         HT         1-year Orff         Monthly         1         765%         220%         250%           cf celet         100%         4472.61         24,724         2         1         1         1-year Orff         Monthly         1         762%         2.25%         2.44%         2	ted frem 100% 271,688-8 18 RT 1-year-Ord Monthy 1 7,652% 2.55% 2.5	ed ferm         100%         271,688-8         21,168-8         18 Hyper Odf         Monthly         1         765%         255%         255%         255%           ed         100%         13,222-8         674,360-8         2         RT         19ear Odf         Monthly         1         765%         255%         255%         255%         255%         255%         250%         <	100%         271,685 8         18         HT         I-year CdT         Monthly         1         7,62%         255%         255%           100%         1,522,22         674,368 8         10         HT         I-year CdT         Monthly         1         7,68%         155%         2,55%         1,58%         1,5
100%         3,522,3         674,324,8         20         RT         1-year CMT         Monthly         1         73.9%         1.84%         <	100% 18,2523 674,350.88 20 HT 1-year-CMT Monthly 1 7129% 203% 184% 184% 184% 184% 184% 184% 184% 184	c 100% 5.22.2 67,350,48 20 RT 1-year-CMT Monthly 1 7159% 1349% 1349% 1349% 1440% 158,041.38 65,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,48 16.51,450,49 17.	confidence 100% 184.04.8 16.95.64.8 20 HT 1-year-CMT Monthly 1 71.95% 184.9% 184.9% 184.05 18	cordi 100% 154,048 (50,836) 20 HT 1-year-CMT Monthly 1 7129% 2109% 154,048 (184) 154,0	certer 100% 184,04.8 (674,364) 20 RT 1 PAPET CMT Monthly 1 715% 1849% 18	100%         3,522,3         674,30,88         20         HT         1-year Orf         Monthly         1         728%         1849% <t< td=""></t<>
100% 18(4)(4.88 1685)(3.81.25 ) 18 71.1 1-PERCORT Monthly 1 7679% 2,200% 2,200% 18(4)(4.88 1685)(3.81.25 ) 17 17 11 1-PERCORT Monthly 1 7679% 2,200% 2,200% 100% 5,56,295.7 14(72.64 2.32.22.88.2 ) 17 14.1 1-PERCORT Monthly 1 7.579% 2,200% 2,290% 100% 4,172.64 2,32.2.745.2 17 14.1 1-PERCORT Monthly 1 7.695% 2,280% 2,280% 100% 4,77.26 4,172.64 2 0 17 14.1 1-PERCORT Monthly 1 7.695% 2,280% 2,280% 100% 5,52.2.775.7 16 11 1-PERCORT Monthly 1 7.595% 2,280% 2,280% 100% 5,52.2.7.7 3 0.52.2.855 2 0 117 1-PERCORT Monthly 1 7.595% 2,175% 2,200% 2,210% 0,00% 6,53.2.7 3 0.52.2.7 3 117 1-PERCORT Monthly 1 7.595% 2,175% 2,200% 2,210% 2,220%	100% 186,044.89 1685183128 141 1-year.CAT Monthly 1 7,67% 2,20% 2,00% 2,00% 186,044.89 1685183128 17 HT 1-year.CAT Monthly 1 7,67% 2,20% 2,20% 2,00% 10,0% 5,62.55,77 14,57.26.8 17 HT 1-year.CAT Monthly 1 7,67% 2,20% 2,25% 2,20% 10,0% 4,77.26 4,72.54 17 HT 1-year.CAT Monthly 1 7,65% 2,28% 2,28% 2,26% 10,0% 4,77.20 2,52.74.57 16 HT 1-year.CAT Monthly 1 7,65% 2,28% 2,28% 2,26% 10,0% 5,52.74.75 16 HT 1-year.CAT Monthly 1 7,65% 2,28% 2,28% 2,11% 10,0% 5,52.74.75 16 HT 1-year.CAT Monthly 1 7,69% 2,28% 2,28% 2,28% 10,0% 5,52.74.75 16 HT 1-year.CAT Monthly 1 7,59% 2,27% 2,28% 2,11% 2,00% 5,52.74.89 16.35,53,53 20 HT 1-year.CAT Monthly 1 7,58% 2,27% 2,27% 2,27% 2,11% 2,0% 2,28%	ted France 100% 58,629.57 14,573,648 171 14,927.021 Monthly 1 7,57% 2,20% 2,00% 2,00% 1,00	red frame         100%         18,414.0         8,800.83         18         T1         1942 CA1         Monthly         1         75%         2,00%         2,00%           Clockit         100%         18,628.47         1,657.34         1,673.48         1         76%         2,20%         2,20%         2,00%           Clockit         100%         1,460.56         2,333.248         17         HT         1942 CAT         Monthly         1         75%         2,20%         2,20%         2,20%           Clockit         100%         1,476.05.16         2,333.248         17         HT         1942 CAT         Monthly         1         75%         2,20%         2,20%           Clockit         100%         1,673.31         2,533.248         17         HT         1942 CAT         Monthly         1         75%         2,20%         2,20%           Clockit         100%         50,218         9,215.81         26         HT         1942 CAT         Monthly         1         75%         2,20%         2,20%           Clockit         100%         50,218.81         26         HT         1942 CAT         Monthly         1         75%         2,47%         2,47%	red frame         100%         18.4149         8.82863         18         71.1         19.427.GA         1.779%         2.70%         2.00%         2.00%           Clexelt         100%         18.64143         16.543.648         17         RT         19.447.CA         Monthly         1         757%         2.20%         2.20%         2.00%           Clexelt         100%         14.465.63         1         RT         19.447.CA         Monthly         1         757%         2.20%         2.20%         2.20%           Clexelt         100%         4.17.26         4.17.26         RT         19.447.CA         Monthly         1         7.57%         2.20%         2.20%           Clexelt         100%         4.17.26         4.17.26         RT         19.447.CA         Monthly         1         7.57%         2.20%         2.20%           Clexelt         100%         4.17.26         4.17.26         RT         19.447.CA         Monthly         1         7.57%         2.20%         2.20%           Clexelt         100%         4.17.26         4.17.24         RT         19.447.CAT         Monthly         1         7.57%         2.20%         2.20%           Clexelt         <	red frame         100%         18,414.9         8,828.95.7         18         71.1         1942.03.1         8,000%         2,0	100% 186,044.8 1685183.128 141 1-year.CM Monthly 1 767% 220% 200% 200% 186,044.8 1685183.128 17 HT 1-year.CM Monthly 1 767% 220% 220% 220% 100% 556,255.7 14573.26.86 17 HT 1-year.CM Monthly 1 757% 220% 220% 220% 100% 4,725.0 23.52.24.82 17 HT 1-year.CM Monthly 1 757% 220% 226% 220% 100% 50,512.81 28 HT 1-year.CM Monthly 1 758% 220% 226% 226% 100% 50,512.81 28 HT 1-year.CM Monthly 1 758% 220% 226% 100% 50,512.81 28 HT 1-year.CM Monthly 1 758% 220% 226% 100% 50,512.81 28 HT 1-year.CM Monthly 1 758% 220% 226% 100% 50,512.81 18 HT 1-year.CM Monthly 1 758% 227% 227% 227% 100% 50,513.81 18 HT 1-year.CM Monthly 1 758% 227% 227% 227% 100% 50,513.81 18 HT 1-year.CM Monthly 1 758% 225% 227% 100% 50,513.81 18 HT 1-year.CM Monthly 1 758% 225% 227% 100% 50,513.80 30,513.81 18 HT 1-year.CM Monthly 1 758% 220% 225% 100% 50,513.80 30,513.81 18 HT 1-year.CM Monthly 1 778% 200% 200% 200% 100% 50,513.070.91 18 HT 1-year.CM Monthly 1 778% 200% 200% 200% 100% 50,513.070.91 18 HT 1-year.CM Monthly 1 778% 200% 200% 200% 100% 50,513.070.91 18 HT 1-year.CM Monthly 1 778% 200% 200% 200% 200% 200% 50,513.81 18 HT 1-year.CM Monthly 1 778% 200% 200% 200% 200% 200% 200% 200% 20
100%         \$56,295.0°         \$16,33,64.68         17         H.T         1-year CMT         Monthly         1         757%         2.20%         2.22%         2.20%           100%         1,14,605.16         2,33,224.28         7         H.T         1-year CMT         Monthly         1         7.5%         2.24%         2.44%           100%         4,772.61         2,472.47.3         6         H.T         1-year CMT         Monthly         1         7.5%         2.24%         2.24%           1         1,00%         5,921.88         5,921.88         2         H.T         1-year CMT         Monthly         1         7.5%         2.24%         2.24%           1         1,00%         5,921.88         5,921.88         2         H.T         1-year CMT         Monthly         1         7.5%         2.24%         2.25%           1         0,00%         6,834.5         2         1         1         1         7.5%         2.17%         2.17%           1         1,00%         5,00.44.9         1         1         1         7.5%         2.47%         2.77%         1           1         1,00%         2,399.66         2         7         1	100% 556,25.47 14,573,56.58 17 HT 1-yeur-Orf Monthly 1 7,57% 2,25% 2,25% 2,25% 100% 1,144,655.16 2,23,24.42 17 1-yeur-Orf Monthly 1 7,75% 2,25% 2,24% 2,44% 100% 1,627,973.10 2,22,47.57 10 HT 1-yeur-Orf Monthly 1 7,55% 2,25	100% 58,855.7 45,256.8 17 HT 1-yeu-Orf Monthly 1 757% 2.20% 2.20% 2.20% (2.00% 1,446.05.16) 2.32,24.42 17 1-yeu-Orf Monthly 1 7.75% 2.20% 2.20% 2.41% (2.00% 1,446.05.16) 2.25.24.24 17.26 2.00% 1,472.01 2.00% 1,472.01 2.00% 2.22% 2.20%	100% 58,8547 4457,3648 17 HT 1-yeu-OM Monthly 1 7577% 2,200% 2,200% 2,200% 4,120 100% 4,1224,82 17 HT 1-yeu-OM Monthly 1 7,757% 2,200% 2,442% 2,442% 2,412.4 12.6 2.0 HT 1-yeu-OM Monthly 1 7,757% 2,226% 2,226% 2,1	100%   58,83 k f   14,73,26 k f   17   14   14   14   14   14   14   14	100%         \$56,285.47         14,57,264.68         17         HT         I-year Orf         Monthly         1         5577%         2.20%         2.20%         2.20%           100%         1,146,505.43         1,7         HT         I-year Orf         Monthly         1         7.57%         2.20%         2.20%           100%         4,172.61         4,472.61         1,7         I-year Orf         Monthly         1         7.65%         2.26%         2.26%           100%         5,215.31         2,0         HT         I-year Orf         Monthly         1         7.59%         2.28%         2.26%           100%         5,215.41         3,0         HT         I-year Orf         Monthly         1         7.59%         2.28%         2.28%           100%         5,025.44         3,025.83         20         HT         I-year Orf         Monthly         1         7.59%         2.77%         2.77%           100%         2,390.65         2.2         HT         I-year Orf         Monthly         1         7.75%         2.75%         2.75%         1.77%           100%         2,390.68         3,24.53         1         I-year Orf         Monthly         1         7.75	100%         \$56,285.67         14,57,364.68         17         HT         !yeur OMT         Monthly         1         757%         220%         220%         220%           100%         1,144,695.16         3,23,24.82         17         HT         !yeur OMT         Monthly         1         7,58%         2.24%         2.24%           100%         1,24,695.16         3,54,24.82         17         lyeur OMT         Monthly         1         7,58%         2.24%         2.24%           100%         1,24,69.1         3,52,24,73         16         HT         !yeur OMT         Monthly         1         7,59%         2.24%         2.26%           100%         5,92,54.1         5,92,54.5         2         17         !yeur OMT         Monthly         1         7,59%         2.24%         2.26%           100%         5,32,64.2         3,02,54.5         2         17         !yeur OMT         Monthly         1         7,59%         2,57%         2.25%           100%         2,39,65         2         HT         !yeur OMT         Monthly         1         7,58%         2,47%         2,47%           100%         2,39,63         3,64,29         1,3         HT         !yeur
100%   1,146,0556   23,33,23,482   17   17   17   17   17   17,35%   2,14%   2,44%   2,44%   1,00%   4,1256   2,32,24,43   1,00%   1,027,03,10   2,25%   2,26%   2,2	100%   1,1460516   23,23,23,248   17   17   17   17   17,75%   2,24%   2,44%   2,44%   1,4460516   4,1726   20   11   1,4440.04   1,75%   2,25%   2,25%   2,25%   2,25%   2,25%   2,26%   2,26%   2,25%   2,26%   2,	100%   1,14,665.16   24,52,24.82   17   17   17   17   17,55%   2.14%   2.44	100% 1,146,6516 2,23,22,243 17   14T	100%         1,1466516         2,532,2432         17         HT         1-year Orf         Monthly         1         7,78%         2.42%         2.44%         2.44%           100%         4,17261         20         HT         1-year Orf         Monthly         1         7,78%         2.24%         2.42%         2.44%           100%         4,17261         20         HT         1-year Orf         Monthly         1         7,59%         2.28%         2.28%           100%         5,63.47         3,02,834         20         HT         1-year Orf         Monthly         1         7,59%         2.28%         2.28%           100%         5%3.47         3,05,2855         20         HT         1-year Orf         Monthly         1         7,59%         2.28%         2.28%           100%         5%4,30         1,50,285         20         HT         1-year Orf         Monthly         1         7,59%         2.45%         2.28%           100%         2,59,26,24         1,50,28         2,3         HT         1-year Orf         Monthly         1         7,59%         2.45%         2.45%           100%         2,59,26,24         3,6         1,9         HT	100%   1,146,6516   2,323,214,2   17   14   14   14   17,85%   14   14   14   14   14   14   14   1	100%   1,14,605.16   23,23,23,24.2   17   17   17   17   17   17   17   1
100% 4,775.61 4,72.61 20 HT 1-year-CMT Monthly 1 7,629% 2289% 2.289% 2.289% 100% 5,921.83 9,921.81 28 HT 1-year-CMT Monthly 1 7,929% 2,117% 2,289% 100% 5,921.81 28 HT 1-year-CMT Monthly 1 7,299% 2,117% 2,289% 100% 5,921.83 9,923.855 20 HT 1-year-CMT Monthly 1 7,829% 2,217% 2,287% 100% 2,239.65 2,239	100%   4,1726    4,1726    20   RT   1-year OM   Monthly   1 752%   225%   225%   225%   226%   22	100% 4,17261	100%   4/1726  20   4/1726  20   HT   1-yeu-Off   Monthly   1 762%   229%   225%   2	100% 4,17261   4,17261   20   HT   1-yeu Off   Monthly   1 7.62% 228% 228% 228%   2.25%   1,00% 4,17261   2,5247.73   16   HT   1-yeu Off   Monthly   1 7.62% 228% 228%   2.25%   2.25%   1,00% 9,245.81   2,547.83   2,54	100%   1,272,73 a   2,2274,73 a   2,274,73 a   2,244,73	100%   4,17261   20   14.7   1944 OM   Monthly   1 752%   226%
100% 1,627,973,0 25,22,77,75 16 HT 1-year CMT Monthly 1 7,29% 2,28% 2,29% 2,28% 2,28% 2,28% 2,29	100% 5/25/3/3 2/2/3/3 16 RT 1-year-OM Monthly 1 759% 228% 228% 228% (17% 9/25) 100% 5/25/3/3 2/25/25/25/25/25/25/25/25/25/25/25/25/25	100% 93.21581   93.22343   16   HT   1-year OMT   Monthly   1 7.29%   2.28%	100%   9.21541   9.22474.37   16   FHT   1-year GAT   Monthly   1 729%   2.256%   2.256%   2.175%   2.00%   2.254.48	100%   9.21541   9.21543   50   FHT   1-year CMT   Monthly   1 729%   2.28%   2.28%   2.17%   2.28%	100%   102.973, 13   10   14   1-year Off   Monthly   1   7.29%   2.28%   2.26%   2.	100%   1,229,21,531   3,922,34,537   16   HT   1-year CMT   Monthly   1,729%   2,28%
re 100% 6.654,9 36.2855 20 HT 1-year CMT Monthly 1 7.59% 2.287% 2.474% 2.075% 100% 2.3396 2.27 HT 1-year CMT Monthly 1 7.597% 2.474% 2.075% 1	ve 100% 6/854.7 30,285.55 29 RT 1-year-OM Monthly 1 759% 2,287% 2,47% 2,47% 1,00% 5/854.39 16/30,591.51 1,1 1-year-OM Monthly 1 7852% 2,47% 2,47% 2,47% 1,00% 2,539.05 3,544.39 16/30,591.51 18 RT 1-year-OM Monthly 1 7759% 2,47% 2,47% 2,47% 1,00% 5,720.18 5,730.18 18 RT 1-year-OM Monthly 1 7759% 2,42% 2,42% 1,00% 5,730.18 5,730.18 18 RT 1-year-OM Monthly 1 7759% 2,42% 2,42% 1,00% 5,730.18 5,730.18 17 Pear-OM Monthly 1 7759% 2,12% 2,12%	v 100% 6/85.47 36/85.55 22 RT 1 1740.04 Nonthly 1 759% 2.87% 2.87% 2.87% 1 100% 2.39.66 2.8 8.44.80 1 18 RT 1 1740.04 1 7.59.0 2.87% 2.87% 2.47% 2.47% 1 100% 2.39.62 3.8 8.44.80.13 1 18 RT 1 1740.04 1 7.750% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.47% 2.42% 2.	ve 100% 6X83-7 5X8-55 25 RT 1-75 Monthly 1 759% 2.25% 2.25% 100% 5X8-24-9 16.5059-55 25 RT 1-75 Monthly 1 759% 2.25% 2.25% 2.25% 100% 2.259.6 2.259.6 2.259% 100% 2.259.6 2.25	ve         (00%)         (0	ve         (100%)         (500%)	ve         100%         6003-47         30,285-53         2.0         HT         1-year OM         Monthly         1         759%         2.77%         2.72%         2.77%         2.72%         2.77%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2.72%         2
100% 576,244.39 16,305,945,37 23 H.T 1-year-CAPT Monthly 1 7,585% 2,479% 2,479% 100% 2,539.65 2,839.65 2,75% 1H.T 1-year-CAPT Monthly 1 7,750% 2,375% 2,375% 1	100% 576.24.39 16.36.5915.37 23 H.T I-yeur-CMT Monthly 1 7.852% 2.47% 2.47% 1.00% 2.839.66 2.73% 18.1 I-yeur-CMT Monthly 1 7.759% 2.87% 2.47% 2.57% 1.00% 5.72,018 56.74018 18 H.T I-yeur-CMT Monthly 1 7.759% 2.42% 2.42% 10.0% 5.72,018 56.74018 17 I-yeur-CMT Monthly 1 7.26% 2.12% 2.12%	100% 5%244.9 16365945.7 23 H.T 1-year-CMT Monthly 1 7852% 2.47% 2.47% 1 100% 2.359.6 2 3.896 27 H.T 1-year-CMT Monthly 1 7.759% 2.47% 2.42% 2.57% 1 100% 2.359.924 8.444.8043 1 18 H.T 1-year-CMT Monthly 1 7.759% 2.42% 2.42% 2.42% 2.00% 2.4034 9.45.93 1 1 1 1-year-CMT Monthly 1 7.42% 2.12% 2.12% 2.00% 2.00% 2.4034 9.42% 2.32 H.T 1-year-CMT Monthly 1 7.46% 2.00% 2.000% 2.000%	100%         5%544.9         16,365,915.37         2.3         H.T         1-year GAT         Monthly         1         7,852%         2,47%         2,47%         2,47%         1,47%         2,42%         2,42%	100%   576,344.39   16,305,945.37   24   HT   1-year Orf   Monthly   1 7,852%   2,47%   2,47%   2,47%   100%   2,350,82   2,43%   2,42%   2,	100%         5%434.9         16,305,915.7         23         H.T         1-year OAT         Monthly         1         7,852%         2,47%         2,47%         2,47%         1         1           100%         2,390,92 al         38,44,24,1         18         H.T         1-year OAT         Monthly         1         7,79%         2,47%         2,47%         2,47%           v         100%         2,570,018         38,473,018         23         H.T         1-year OAT         Monthly         1         7,79%         2,42%         2,42%           v         100%         2,240.81         38,573,018         23         H.T         1-year OAT         Monthly         1         7,58%         2,12%         2,12%           v         2,240.84         3,80,530,93         23         H.T         1-year OAT         Monthly         1         7,16%         2,00%         2,00%           v         2,26,53         3,54,2%         11,84,01         18         H.T         1-year OAT         Monthly         1         7,12%         2,94%         2,94%         1           v         1,00%         3,54,42%         10,184,01         14         H.T         1-year OAT         Monthly         1	100%   576,344.9   16,305,915.7   23   HT   1-yeur GAT   Monthly   1 78579, 2,47% 2,47% 2,47% 100% 2,839.66   2,896.6   2,896.6   27   HT   1-yeur GAT   Monthly   1 775% 2,42% 2,42% 2,42% 100% 2,593.91   36,416,91   18   HT   1-yeur GAT   Monthly   1 726% 2,12% 2,12% 2,12% 100% 2,240.8   30,579.18   23   HT   1-yeur GAT   Monthly   1 726% 2,00% 2,00% 2,20% 2,12% 2,12% 2,12% 2,13% 2,13% 2,13% 2,12% 2,12% 2,12% 2,13% 2,13% 2,13% 2,12% 2,12% 2,13% 2,13% 2,12% 2,12% 2,13% 2,13% 2,13% 2,12% 2,12% 2,13% 2,13% 2,13% 2,12% 2,13% 2,13% 2,13% 2,13% 2,12% 2,13%
100% 2,339,65 2,339,65 27 H.T 1-year CMT Monthly 1 7,750% 2,375% 2,375% 1	100% 2389.66 2.8966 27 RT I-year-CAT Monthly 1 7759% 2.875% 2.579% 1 RT I-year-CAT Monthly 1 7759% 2.575% 2.579% 1 RT I-year-CAT Monthly 1 7759% 2.225% 2.225% 1 RT I-year-CAT Monthly 1 7759% 2.125% 2.125% 2.125%	100% 2389.66 2,3896 27 HT I-year-CMT Monthly 1 7759% 2,275% 2,579% 1 100% 2389,29.24 88.44.59.43 18 HT I-year-CMT Monthly 1 7759% 2,248% 2,224% 2,00% 2,230.84 56,750.18 2,3 HT I-year-CMT Monthly 1 7,268% 2,123% 2,123% cv 100% 2,20.08 3,20.51.59 2,3 HT I-year-CMT Monthly 1 7,160% 2,000% 2,000%	100% 2389.56 2.3896 27 HT I-year-GMT Monthly 1 7759% 2.575% 2.579% 1 100% 2389.20.24 88.44.59.43 18 HT I-year-GMT Monthly 1 7759% 2.24% 2.22% 2.00% 2.00.5% 56.230.05 2.3 HT I-year-GMT Monthly 1 7.169% 2.123% 2.123% 2.00% 2.00% 2.20.05 2.00.5% 2.00.5% 2.00.5% 2.00%	100%         2.8956         2.3956         27         HT         1-year GMT         Monthly         1         7759%         2.57%         2.57%         1         5.75%         2.57%         2.57%         1         1         1         1         1         1         1         1         2.42%	100%   239,906   2.8966   27   RT   Petr OrT   Monthly   1 775%   2.	100%   2.39.96   2.39.96   27   HT   Petr Off   Monthly   1 775%   2.75%   2
	100% 235),249.24 38,414,504.31 18 H.T 1-year-GAT Monthly 1 7.769% 2.424% 2.424% 10.09 66,740.18 23 H.T 1-xvar-GAT Monthly 1 7.869% 2.123% 2.123%	100% 2.5%,29.2 8.44.59,43 18 RT 1-yeu-Off Nonthly 1 77-69% 2.124% 2.424% 2.424% 1.00% 56,7510 52.3 RT 1-yeu-Off Nonthly 1 7.766% 2.123% 2.123% c. 100% 2.20.04 3.05,059 2.3 RT 1-yeu-Off Nonthly 1 7.160% 2.000% 2.000%	100% 2593,99.4 38,44,50,43 18 RT 1-yeu-Off Monthly 1 7746% 2124% 2-424% (2.00% 56,79.01 5.23,20.34 2.33 RT 1-yeu-Off Monthly 1 7.166% 2123% 2123% cv 100% 2.240.54 34.655,90.05 55,215,00.97 18 RT 1-yeu-Off Monthly 1 7.166% 2000%	100% 2.5%,29.0.9.4 \$8.44,59.43 18 RT 1-year-OAT Monthly 1 7749% 2.124% 2.424% 2.424% (2.424% 2.424%) 1.00% 2.20.0.8 \$6.750.18 2.3 RT 1-year-OAT Monthly 1 7.786% 2.122% 2.122% (2.00% 2.20.0.8 3.92.5.0.9.7 RT 1-year-OAT Monthly 1 7.786% 2.00% 2.000% 2.000% 2.00% 3.92.5.0.0 RT 1-year-OAT Monthly 1 7.786% 2.99% 2.299% 2.299% 2.299% 2.299% 2.299% 2.299% 2.299% 2.299% 2.299% 2.299% 2.200% 2	100%         2.599,29.24         38.44.94.31         18         HT         1-year Odf         Monthly         1         7749%         2.24%         2.42%         2.42%           100%         \$6730.18         \$6730.18         23         HT         1-year Odf         Monthly         1         7.736%         2.123%         2.123%           v         100%         2.3048         \$345,009         2.3         HT         1-year Odf         Monthly         1         7.736%         2.90%         2.00%           100%         2.86530.06         \$513,000         1         HT         1-year Odf         Monthly         1         7.778%         2.90%         2.90%           100%         3.544.29         101,84.01         13         HT         1-year CMT         Monthly         1         7.772%         2.94%         2.49%         2.49%         1	100% 5.593.954   S4.14.943   18   HT   1-yeu-Off   Monthly   1 776% 2.12% 2.12% 2.12%
TOW 2,240.64 9,025.02 2.3 RT 1-pert OAT Monthly 1,7160% 2,200% 2,200% 2,000% 1,000% 2,200% 2,	100% 2A65-90.06 \$55.215,070.97   18   HJT   Pyear CMT   Monthly   1 77.28% 2.291% 2.291% 2.291%   100% 3.504.29   11   14   HJ   Pyear CMT   Monthly   1 75.28% 2.259% 2.259%   100% 3.504.29   18   HJ   Pyear CMT   Monthly   1 75.28% 2.259% 2.259%   100% 2.056.50   216.79.22   18   HJ   Pyear CMT   Monthly   1 76.21% 2.259% 2.259%   100% 2.056.50   216.79.22   18   HJ   Pyear CMT   Monthly   1 76.21% 2.259% 2.259%   100% 2.056.50   11   100% 2.056.50   11   100% 2.056.50   11   100% 2.056.50   11   11   11   11   11   11   11	100%   11,184.01   11,184.01   13   H.T   1-year-CMT   Monthly   1 7722%   2.549%	100%         3,504.29         10,126.275         14         R.T         1-year CMT         Monthly         1         8.289%         2.875%         2.875%         2.875%           ne         100%         20,955.03         2.16,79.2.25         18         R.T         1-year CMT         Monthly         1         76.21%         2.85%         2.85%         2.85%           100%         2.085.03         2.16,79.2.25         17         R.T         1-year CMT         Monthly         1         76.21%         2.815%         2.245%           100%         2.085.04         3.96         1.7         R.T         1-year CMT         Monthly         1         7.621%         2.245%         2.245%           100%         2.085.06         2.96         1.7         R.T         1-year CMT         Monthly         1         7.621%         2.245%         2.245%           100%         2.085.06         2.96         1.7         R.T         1-year CMT         Monthly         1         7.621%         2.245%         2.245%	ne 100% 20,9550 216,72.23 18 R.T. I-yen-CMT Monthly 1 7,621% 2,355% 2,255% 100% 2,095.61 18,966,52.55 1.7 R.L. I-yen-CMT Monthly 1 7,627% 2,341% 2,341% 100% 2,095.61 1 8,070% 2,041% 1 8,070% 2,041% 1 8,070% 2,041% 1 8,070% 2,041% 1 8,070% 2,041% 2,041% 1 8,070% 2,041% 2,041% 1 8,070% 2,041% 2,04	100% 2498/64/71 38/66/32.57 17 R.T. I-year-CMT Monthly 1 7/62% 2.341% 2.341% 1.00% Activity 8/030, 2 68.0% 2.541% 1.00% Activity 8/030, 2 68.0% 2.641% 1.00% Activity 1 8/030, 2 68.0% 2.641% 1.00%	
v. 000%         2,200.84         3,50,50.2         2.3         H.1         Fear Orl         Anomaly         1         7,100%         2,105%         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,12,90         2,200%	100% 2,865,90.06   55,215,070.97   18   H.T   Pyeur CMT   Monthly   1 7728% 2,291% 2,291% 2,291%   1,00% 2	100%   11,184.01   11,184.01   13   14   17   19ear CMT   Monthly   1 7722%   2.94%	100%         3,504.29         10,126.275         14         R.T         I-year CMT         Monthly         1         8.25%         2.875%         2.875%         2.875%           ne         100%         20,955.03         2.16,72.23         18         R.T         I-year CMT         Monthly         1         76,21%         2.35%         2.25%           100%         2.09.866.17         28,663,73.25         17         R.T         I-year CMT         Monthly         1         76,21%         2.34%         2.24%           1         100%         26,974.5         1.9         R.T         I-year CMT         Monthly         1         76,27%         2.24%         2.24%           ne         100%         26,974.5         1.4         R.T         I-year CMT         Monthly         1         76,97%         2.24%         2.24%	ne 100% 20,9550 216,72.23 18 R.T I-yeu-CMT Monthly 1 76,21% 235% 225% 225% 100% 26,974.5 24,05.66.17 26,057.415 14 R.T I-yeu-CMT Monthly 1 76,27% 2.34% 2.24% 100% 26,974.5 26,974.5 14 R.T I-yeu-CMT Monthly 1 80,29% 2.268% 2.681% 100% 100% 50,054.5 39,755.6 R.T I-yeu-CMT Monthly 1 75,94% 2.219% 2	100% 2,698,66.73 38,663,23.57 17 RT 1-year-CMT Monthly 1 7627% 2,941% 2,341% 1 100% 2,697.15 2,971% 1 RT 1-year-CMT Monthly 1 8029% 2,691% 2,691% 100% 2,691.58 3,973,650 8 RT 1-year-CMT Monthly 1 7,90% 2,210% 2,210%	100% 20,97+1,5 20,97+1,5 14 17,1 17,641 CMI Monthly 1 0,0257% 2,0017% 2,0017% 100% 15,02613 391,765,63 8 HJT I-vegr CMT Monthly 1 7,594% 2,219% 2,219%
re 100% 2,240.84 30,50.10 2.3 HT 1-year GMT Monthly 1 7160% 2,200% 2,200% 2,000% 2,000% 2,240.84 30,50.10 13. HT 1-year GMT Monthly 1 7726% 2,291% 2,291% 2,291% 2,000% 11.84.01 11.84.01 13. HT 1-year GMT Monthly 1 7722% 2,45% 2,591% 2,591% 2,000% 2,50.5% 2,000% 2,50.5% 2,000% 2,50.5% 2,000% 2,50.5% 2,	100%         2.86.300.66         55.213,070.97         18         H.T         1-year CMT         Monthly         1         7728%         2.99%	100%   11,184.01   11,184.01   13   14   15   15   15   15   15   15   15	100% 3.904.29 10.22.25 14 RT 1-year-GMT Monthly 1 8.55% 22.85% 2.87% 2.87% 1.00% 2.0056% 1.1 1.00% 2.0056% 1.1 1.00% 2.0056% 1.1 1.00% 2.0056% 1.1 1.00% 2.005% 1.1 1.00% 2.000% 1.1 1.00% 2.000% 1.1 1.00% 2.000% 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1 1.	ure         100%         20,856,472         18         HT         1-year CMT         Monthly         1         7,621%         2,245%         2,245%         2,245%           100%         2,0866,472         36,673,25         1,7         HT         1-year CMT         Monthly         1         7,627%         2,545%         2,545%         2,545%           100%         26,974,5         26,974,5         1,7         HT         1-year CMT         Monthly         1         7,627%         2,545%         2,545%           100%         26,974,5         26,974,5         1,4         HT         1-year CMT         Monthly         1         8,029%         2,687%         2,687%         2,687%         1           100%         1,00%         1,90%         1,90%         1         1         1         7,90%         2,19%         2,687%         2,687%         1           100%         1,00%         1,00%         1,00%         1         1         7,50%         2,19%         2,19%         1	100% 2498/6471 38/6432357 17 RT 1-year-CMT Monthly 1 7627% 2-341% 2-341% 1 100% 26/24/13 26/24/13 14 RT 1-year-CMT Monthly 1 8029% 2-26/24% 2-68/14	100v 25/24.13 23/74.25 14 Ft.1 Pydat-Sal Somining 1 coxysv 2,200.79 2,000.79 100v 15,005.84 19.445787.99 16 FT Inver-CMT Monthly 1 7,894% 2,219% 2,219% 100v, 10,278.84 19.445787.99 16 FT Inver-CMT Somining 1 7,66% 2,88%, 2,88%

No.   1, 10, 10, 10, 10, 10, 10, 10, 10, 10,	Percentage of Percentage of	HECM MBS  of Principal  r Balance(2)	HECM Loan Ralance	Approximate mate Weighted Average HECM Age 1 (in months)(3)	HECM Interest	ri Speri	Rate Reset	Approxi- mate Weighted Average Next Rate Reset Month (5)	Approxi- mate Weighted Average Gross Interest Bate(6)	Approxi- mate Weighted Average Gross	Approxi- mate Weighted Average Gross Lifetime Interest Bate Flood(8)	Approxi- mate Weighted Average Gross Lifetime Interest Rate	Approximate Weighted Average Mred(10)	Approxi- mate Weighted Average Servicing Fee Marcin(11)	Monthly servicing Fee(12)	Initial S Monthly Scheduled 5 Draw(13)	Subsequent B Monthly Scheduled Draw(14) m	Approximate Weighted Average Remaining Draw Term (in	Initial Available Line of Credit(16)	Available Line of Credit(17)	Maximum Claim Amount(18)	Pool	HECM MBS Issue Date
This control			1	32	HT	1-year CMT	Monthly	1	7.070%	2.000%	2.000%	7.070%	0.500%	0.360%	(21)	1,000.00 \$	1,000.00	(20)	os.	18	015,000.00	1	September 2023
18.   19.	01		12,600,130.66	22	HT	1-year CMT	Monthly	1	7.712%	2.336%	2.336%	13.380%	0.500%	0.360%	(21)	(19)	(19)	(19)	(23)	2,540,275.99	26,195,299.00		September 2023
18.   1.   1.   1.   1.   1.   1.   1.	10		38,512,110.98	17	HT	1-year CMT	Monthly	1	7.771%	2.442%	2.442%	9.704%	0.500%	0.360%	(21)	(19)	(19)	(19)	(23)	9,411,603.25	85,443,740.00	CX4945	September 2023
1985   1985			6,753.84	15	HT	1-year CMT	Monthly	-	7.924%	2.577%	2.577%	10.431%	0.500%	0.360%	(21)	9,543.52	14,683.00	50	(23)	150,386.41	1,540,800.00	CX4945	September 2023
			301,114.73	8 %	HH	1-year CMT	Monthly		7.750%	2.375%	2.375%	7.955%	0.500%	0.360%	(2)	1,000.00	1,000.00	(50)	(23)	81,901.06	700,000.00	CX4945	September 2023
1.   1.   1.   1.   1.   1.   1.   1.	Line of Credit Modified Term		16.887.78	o 7	E E	1-year CMT	Monthly		6 922%	1.524%	2.300%	9.701%	0.500%	0.300%	(F)	2.402.98	2 402 98	(15)	(52)	9,119,402.22	1 562 800 00	CX4946	September 2023
1.   1.   1.   1.   1.   1.   1.   1.			145,761.12	3 23	HT	1-year CMT			8.222%	2.859%	2.859%	10.792%	0.500%	0.360%	(21)	2,100.00	2,414.43	(20)	(23)	97.339.86	1,050,000.00	CX4946	September 2023
		3,6	60,360,162.20	5 61	HT	1-year CMT		-	7.676%	2.395%	2.395%	9.020%	0.500%	0.360%	(21)	(19)	(19)	(19)	(23)	17,557,603.13	135,598,050.00	CX4947	September 2023
1.   1.   1.   1.   1.   1.   1.   1.	01		41,100.14	18	HT	1-year CMT	Monthly	1	7.428%	2.095%	2.095%	9.047%	0.500%	0.360%	(21)	6,751.75	6,960.92	37	(23)	324,005.60	2,716,500.00	CX4947	September 2023
14.   1.   1.   1.   1.   1.   1.   1.			95,110.61	28	HT	1-year CMT	Monthly	1	7.070%	2.000%	2.000%	7.070%	0.500%	0.360%	(21)	800.00	800.00	(20)	(23)	232,339.28	615,000.00	CX4947	September 2023
No. 1, 1947, N. 1, 194, 1.1, 1.1, 1.1, 1.1, 1.1, 1.1, 1.1, 1.			7,467,411.31	23	HT	1-year CMT	Monthly	1	7.372%	2.173%	2.173%	8.636%	0.500%	0.360%	(21)	(d)	(19)	(19)	(23)	1,143,771.72	14,504,575.00	CX6754	September 2023
Mathematical Control of the contro	Modified Tenure 10		3,062.71	9	HT	1-year CMT	Monthly	1	7.375%	2.000%	2.000%	11.580%	0.500%	0.360%	(21)	500.00	500.00	(20) \$	14,163.12	14,602.63	403,000.00	CX6754	September 2023
March   Marc			214,221,266.71	15	HT	1-year CMT	Monthly	-	7.472%	2.137%	2.137%	10.067%	0.500%	0.360%	(21)	(6I)	(16)	(19)	(23)	48,092,007.45	477,725,296.00	CW9041	October 2023
This continue   This continu	Modified Term 10		91,258.78	14	H	1-year CMT	Monthly	-	7.598%	2.007%	2.067%	10.072%	0.500%	0.300%	(21)	52,796.10	52,790.10	200	(53)	705,857.60	5,143,800.00	CW9041	October 2023
Marie   Mari	01 5		1,406,733.66	0 5	HT	1-year CMT	Monthly		7.555%	2.233%	2.23.3%	10.587%	0.500%	0.360%	(2)	15,462.56	15,462.56	(20)	0.00	0.00	6,785,375,00	CW9041	October 2023
Mathematic   Mat			748 323 45	0 29	III.	1-year CMT	Monthly		7 563%	2.19270	2.19.2%	9.61970	0.300%	0.300%	0.50	17.001,0	7,748 53	60 00	0.00	758 150 23	5.023,175.00	CWOOM	October 2023
			90.481.086.43	24	HT	1-vear CMT	Annually	00	5.877%	2.372%	2.37.2%	8.391%	0.500%	0.360%	(2)	(10)	(6I)	(19)	(23)	26.176.141.54	190,733,378,00	CW9869	September 2023
			59,212.93	24	HT	1-year CMT	Annually	90	5.870%	2.372%	2.37.2%	8.341%	0.500%	0.360%	(21)	49,900.44	59,906.20	- 69	(23)	1,647,960.31	15,008,000.00	CW9869	September 2023
Part			411,505.42	21	HT	1-year CMT	Annually	9	5.409%	2.376%	2.376%	8.426%	0.500%	0.360%	(21)	2,890.62	2,890.62	(20)	0.00	0.00	1,525,000.00	CW9869	September 2023
0.00         1.37.5.40         1.57.5.40         1.6.7.5.40         1.0.7.5.40         1.0.0	10		409,235.52	32	H.T	1-year CMT	Annually	9	5.414%	2.633%	2.633%	7.711%	0.500%	0.360%	(21)	1,388.07	1,388.07	101	00'0	00'0	865,000.00	CW9869	September 2023
1.00   1.00			559,918.89	27	HT	1-year CMT	Annually	9	5.307%	2.303%	2.303%	7.441%	0.500%	0.360%	(21)	5,950.00	5,950.00	(20)	(23)	573,432.23	2,568,500.00	CW9869	September 2023
1,000, 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	10		1,037,740.00	0	HT	1-year CMT	Monthly	1	7.694%	2.313%	2.313%	17.698%	0.500%	0.360%	(21)	(10)	(19)	(19)		222,694.85	3,234,300.00	CW9876	October 2023
March   Marc			1,027,120,087.92	23	HT	1-year CMT	Monthly	-	7.690%	2.311%	2.311%	12.981%	0.500%	0.360%	(21)	(61)	(16)	(1)		125,195,791.02	1,844,564,642.00	CX2324	October 2023
1008         13,239         2,000,232         2,000,	01 %		52,670.86	K 7	HH	1-year CMT	Monthly		7.812%	2.430%	2.430%	13.055%	0.500%	0.360%	(Z) (Z)	31,144.68	31,144.68	39	(23)	1,206,870.99	16,834,560.00	CX2324	October 2023
1000 1530 1537 1538 15 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10 II		2,091,735.27	24	H.I.	1-year CMT	Monthly		8.009%	2.025%	2.025%	12.02500	0.300%	0.300%	(E)	14,700.50	14,700.30	(07)	0.00	00:00	8,917,700.00	CX2524	October 2025
100         101,530,590         473,11,184,50         17         1,444,504         1         1,444,504         1         1,444,504         1         1,444,504         1         1,444,504         1         1,444,504         1         1,444,504         1         1,444,514         1         1,444,514         1         1,444,514         1         1,444,514         1         1,444,514         1         1,444,514         1         1         1,444,514         1         1         1         1,444,514         1         <			3,919,832.77	52	HT	1-year CMT	Monthly		7.653%	2.269%	2.269%	12.608%	0.500%	0.360%	(E)	11,835.76	11.835.76	(20)	(23)	998.249.96	9,175,125.00	CX2324	October 2023
100         889/576 (a)         889/576 (b)         18         11         19-ear CMT         Monthly         1         700 (b)         500 (b)         65-60 (c)         65-60 (c)         1         65-60 (c)         2228         9200 (c)         63-60 (c)         1         65-60 (c)         2228         92-00 (c)         65-60 (c)         1         65-60 (c)         1         700 (c)         700 (c)         1			4,779,171,843.61	17	HT	1-year CMT	Monthly	-	7.715%	2.393%	2.393%	9.462%	0.500%	0.360%	(21)	(61)	(61)	(19)			10,248,003,756.00	CX2328	October 2023
100         1834212         1844344         17         14			889,576.46	18	HT	1-year CMT	Monthly	1	7.601%	2.322%	2.32.2%	9.016%	0.500%	0.360%	(21)	454,044.31	454,044.31	40			198,052,350.00	CX2328	October 2023
1006         18454         1.2484         1.64         1.5484         1.5486         1.2486         1.5486	10		16,431,345.44	17	HT	1-year CMT	Monthly	1	7.678%	2.355%	2.355%	9.283%	0.500%	0.360%	(21)	130,647.34	130,647.34	(20)	00:00	00:00	57,782,150.00	CX2328	October 2023
100%         29,586/27         1,246,541,134         18         HT         1-year CMT         Monthly         1         2,860         2,29,861         7,1516-0         1			17,324,837.41	18	HT	1-year CMT	Monthly	1	7.586%	2.291%	2.291%	9.005%	0.500%	0.360%	(21)	167,717.67	167,717.67	100	00:00	00:00	50,548,525.00	CX2328	October 2023
100% 13.58579.2 1 2.58579.3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Ire		22,683,131.84	18	HT	1-year CMT	Monthly	1	7.668%	2.383%	2.383%	9.090%	0.500%	0.360%	(21)	175,186.49	175,186.49		(23)	13,373,228.05	90,841,775.00	CX2328	October 2023
100% 52850545 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			17,315,974.77	0	TH.	1-year CMT	Monthly	_	7.630%	2.226%	2.226%	12.680%	0.500%	0.360%	(21)	(GD)	(61)		2,515,233.30	8,848,308.13	61,002,934.00	CX4948	October 2023
100% 1305614 23.056514 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			328,679.23	- i	III I	1-year CMT	Monthly		7.828%	2.449%	2.449%	12.808%	0.500%	0.360%	(21)	3,614.59	3,614.59	se (6	100,593.41	157,300.80	1,735,000.00	CX4948	October 2023
100% 4788645 1272100359 15 HT 1-year-CMT Monthly 1 7.65% 12.99% 1.99% 0.50% 0.			20,020,020,020	, 9 <u>1</u>	III.	Lycar CMT	Monthly	-	7.550%	2.2200.70	2.27.3%	10.276%	0.200%	0.360%	6 6	17 0/0 01	17 969 01	(4.3)	8	2 (181 317 38	00,222,012,000	CX6755	September 2023
100% 4785% 51 1271,003% 15 14 1 year CHT Monthly 1 7,65% 2119% 249% 249% 249% 249% 050% 050% 050% 050% 050% 050% 050% 05			906,650.54	6	HT	1-year CMT	Monthly	-	8.055%	2.680%	2.680%	11.935%	0.500%	0.360%	(21)	18,402.11	18,402.11		1,098,454.41	1,470,087.96	5,631,600.00	CX6755	September 2023
100% 24,575 M 24,575			122,721,003.50	15	HT	1-year CMT	Monthly	-	7.452%	2.119%	2.119%	9.886%	0.500%	0.360%	(21)	(6I)	(61)		(23)	1,223,469.30	206,526,690.00	CX6757	October 2023
100% 92555 64566G 9 9 HT 1-year-Off Monthly 1 770% 236% 10.05% 0.50% 0.5			24,257.80	11	HT	1-year CMT	Monthly	1	7.693%	2.349%	2.349%	10.482%	0.500%	0.360%	(21)	22,983.52	22,983.52	29	94,378.25	217,419.22	5,307,475.00	CX6757	October 2023
100% 212,000.28 101,115.75 3. 21 RT 1-year-CMT Monthly 1 7,60% 215-8% 212,89% 0,50% 0,50% 0,10%			643,636.07	6	HT	1-year CMT	Monthly	1	7.704%	2.360%	2.360%	11.015%	0.500%	0.360%	(21)	3,433.60	3,433.60	(20)	16,326.46	89,192.81	2,106,000.00	CX6757	October 2023
100% 5886G 28 HT 1-year-Off Monthly 1 7,000% 251% 12,15% 62,00% 5,00% 63 60 60 60 60 60 60 60 60 60 60 60 60 60		2.	103,219,375.75	21	HT	1-year CMT	Monthly	-	7.640%	2.258%	2.258%	13.789%	0.500%	96098.0	(21)	(10)	(19)	(19)	(23)	1,074,052.50	174,313,456.00	CX6758	October 2023
100% 1,1175 36,487.18 20 RT 1-year-CMT Monthly 1 8.68% 2,88% 2,88% 2,88% 6,90% 6,90% 6,90% 6,10 89.93 (20) 0.00 0.00 1,05,000 0.00 0.00 0.00 0.00 0.00 0.00 0.			5,880.63	24	HT	1-year CMT	Monthly	1	7.900%	2.514%	2.514%	13.213%	0.500%	0.360%	(21)	4,850.00	4,850.00	84	(23)	31,822.44	2,654,100.00	CX6758	October 2023
100% 4/43154 664272810 20 RT 1-year-CMT Monthly 1 767% 228% 1285% 050% 050% (21) 566.57 157 0.00 0.00 1/39,1750 050% (20) 566.27 157 0.00 0.00 1/39,1750 050% (20) 566.27 157 0.00 0.00 1/39,1750 050% (21) 566.27 157 0.00 0.00 1/39,1750 050% (21) 566.27 156.67 050% (21) 566.27 157 0.00 0.00 1/39,1750 050% (21) 566.27 156.27	10		363,875.18	©	HT	1-year CMT	Monthly	1	8.068%	2.680%	2.680%	13.041%	0.500%	0.360%	(21)	859.50	859.50	(20)	0.00	00:00	1,045,000.00	CX6758	October 2023
100% 24%154570 086873258 20 HT 1yer-CdT Monthly 1 773% 225% 1350% 030% 030% 030% 030% 030% 030% 030%	10		662,728.10	00	HT	1-year CMT	Monthly	-	7.672%	2.292%	2.29.2%	13.653%	0.500%	0.360%	(21)	3,663.57	3,663.57	157	00'00	0.00	1,793,175.00	CX6758	October 2023
100% 58.5% 2 HT 1-yet CAT Monthly 1 7.8% 2.8% 12.9% 0.50% 0.30% 0.			608,687,287.38	R 7	HH	1-year CMT	Monthly		7.734%	2.352%	2.352%	13.801%	0.500%	0.360%	(Z) (Z)	(6I)	(19)	(19)	(53)	80,349,095.14	1,124,793,947.00	CV1789	October 2023
100% 25,503.77 2,580.865.88 25 HT 1-year.CMT Monthly 1 7,67% 225% 225% 1,750% 0,50% 0,50% 0,50% 0,458.66 24,586.62 (20 24,586.62 20 1,750,11 (4.0) 0.00 0,00 0,00 0,507,750 0,010 0,00 0,00 0,00 0,00 0,00 0,00 0			1 705 675 (7	25 26	110	1 year CMT	Monthly	-	7 3030	2.23070	2 20 00%	12 10/0/	0.30020	0.30070	(17)	7.050.11	7.050.11	7 (00)	(2)	0.000	6 666 475 00	C11/0)	October 2023
100% 30,011.02 2314,169.28 18 FIT 1yer/CAT Monthly 1 7.91% 2553% 2553% 14715% 0.96% 20 118669.2 (2.0) (2.3) 1,506,47.20 1158,575.00 (27.78) (1.0	01		2.580.863.85	3 K	EH	1-year CMT	Monthly	-	7 677%	2.303%	2.30.3%	12.836%	0.200%	0.300%	8 8	24.538.66	24 538 66	9 2 2	8 0	00:0	5.917.375.00	CV1780	October 2023
0.075660419% 90.252.20066 51.75699.00 46 FIX NA NA NA NA NA NA NA NA NA O.500% 0.500% 0.600% 0.10 (19) (19) 0.00 85.88115.00 7858821			2,914,169.28	8 (	HT	1-year CMT	Monthly		7.914%	2.533%	2.533%	14.715%	0.500%	0.360%	(21)	18,666.92	18,666.92	(20)	(23)	1,506,427.20	10,158,875.00	CY1789	October 2023
0.00 (E)		50.2	51 715 080 00	×	N.	****	. 4/10	4/14	0.0000									1					

HECM MBS Issue Date	July 2018	August 2018	January 2019	January 2019	January 2019	January 2019	March 2019	September 2023	September 2023	September 2023	October 2023	October 2023	September 2023	September 2023	October 2023
Pool Number	BE5536	BI2073	BK4754	BK7007	BK8151	BK9435	BL6632	CW3878 3	CW9870 3	CW9871 3	CW9874	CX2329	CX2466 3	CX2466	CY1796
Maximum Claim Amount(18)	2,964,650.00	1,205,150.00	3,833,601.00	113,000.00	1,838,189.00	1,445,959.00	122,790,520.00	663,597,302.00	335,043,019.00	483,163,930.00	4,337,851.00	2,704,270.00	38,488,800.00	19,750,127.00	93,872,778.00
vailable ine of edit(17)	\$ 00.0	00'0	00'0	0.00	00'0	0.00	0.00	00'0	0.00	00'0	00'0	0.00	9,120,815.36	00:00	0.00
Initial Available Line of Credit(16) Cr	\$ 00.0	00:0	00'0	00'0	00:0	00'0	00.0	00'0	00'0	00:0	00'0	00'0	(23)	00'0	00.0
Approximate Weighted Weighted Average Remaining Draw Term (in	(19)	21) (19) (19) (19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)
Subsequent Monthly Scheduled Draw(14)	(19)	(10)	(10)	(19)	(10)	(19)	(10)	(19)	(19)	(10)	(19)	(19)	(10)	(10)	(10)
Initial Monthly Scheduled Draw(13)	(61)	(19)	(19)	(19)	(19)	(10)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(19)
Monthly Servicing (Fee(12)	~	_	0	_	_	_	9	ĝ.	_	_	0	_	_	0	_
Approxi- in mare Weighted Approxi- of Cresse mere Weighted Inferient Weighted Average Servicing Mon inference Average Service	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%	0.360%
Approximate Weighted Average MIP Fee(10)	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	1.250%	0.500%	0.500%	0.500%	1.095%	1.250%	1.250%
Approxi- mate Weighted Average Groze Lifetime Interest Rate (Cap(9)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Approx mate Weight Averag Gross Lifetin Intere	N/A	V/N	V/N	V/N	V/N	V/N	V/N	V/N	V/N	V/N	V/N	V/N	V/N	V/N	N/A
Approxi- mate Weighted Average Gross Margin(7)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Approxi- mate Weighted Average Gross Interest Rate(6)	4.547%	4.965%	4.730%	4.680%	4.779%	4.828%	4.616%	3.729%	4.937%	4.295%	6.637%	6.823%	4.902%	4.855%	4.894%
Approxi- mate Weighted Average Next Rate Reset Month(5)	V/V	N/A	V/N	V/V	N/A	V/N	N/A	V/N	V/V	N/A	V/N	V/V	N/A	V/N	N/A
Approxi- Approxi- mate mate mate Weighted Weighted Weighted Average Average Next Rate Gross Rate Reset Interest Prequency(4) Mount(5) Batte(6)	N/A														N/A
Index	V/V	N/A	V/V	V/V	N/A	V/V	N/A	N/A	V/V	N/A	V/V	V/V	N/A	V/V	N/A
HECM Interest 3) Type		FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX	FIX
Approximate Weighted Average HECM Age (in months)(3)					82		99		86	43	0	-	145	113	73
HECM Loan Balance	\$ 1,789,748.07	757,957.29	2,312,852.75	74,929.31	1,111,364.45	884,904.33	76,857,808.09	386,078,946.39	285,515,647.38	275,649,825.63	1,702,744.00	857,574.00	27,338,286.82	436,308.53	76,083,262.05
HECM MBS Principal Balance(2)	\$ 1,631,527.29	711,262.58	2,220,637.55	71,951.84	1,067,032.47	844,492.04	408,368.71	1,178,419.51	876,195.15	442,847.30	1,702,744.00		479,918.15	436,308.53	979,348.00
Percentage of Pool in Trust	33.0096776990%	32.9913011872%	33.0078494800%	100%	33.0015777308%	33.0171933888%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Payment Plan	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Lump Sum	Line of Credit	Lump Sum	Lump Sum
Group	V/.	Δ7.	V/	7.V	ν.	ν.	7.A	V/	7.V	Δ7.	V/	7.V	Δ7.	V/	7.A

Approxi-mate

- to the Participations underlying the Group 1 through 6 and Subgroup 7A HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS Trust Assets. All weighted averages pro-The information in this Exhibit A is provided by the Sponsor as of October 1, 2023. It is based on information regarding the HECM MBS, the related Participations and the HECMs related vided in this Exhibit A are weighted based on the outstanding principal amounts of the Participations underlying the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. The information shown in this Exhibit A is for 100% of the relevant pool; however, the Trust Assets will include only the portion of each pool listed under the column heading "Percentage of Pool in Trust."  $\exists$
- The HECM MBS Principal Balance is the sum of the outstanding principal amounts of the Participations underlying the related by HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. 3
- The Approximate Weighted Average HECM Age (in months) is the weighted average age of the HECMs related to the Participations underlying the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. 3
- The Rate Reset Frequency is a period, whether annually or monthly, that the interest rate of each adjustable rate HECM resets under the interest rate formula and HECM loan documents applicable to each adjustable rate HECM.
- The Approximate Weighted Average Next Rate Reset Month is the weighted average number of months until the interest rate of each adjustable rate HECM resets under the interest rate formula and HECM loan documents applicable to each adjustable rate HECM. For example, an entry of "1" signifies that the Approximate Weighted Average Next Rate Reset Month for the adjustable rate HECM's rate is the first day of November 2023. 3
- The Approximate Weighted Average Gross Interest Rate is the weighted average of the gross interest rates of the HECMs related to the Participations underlying the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. 9
- The Approximate Weighted Average Gross Margin is the weighted average of the gross margins of the adjustable rate HECMs related to the Participations underlying the related HECM MBS The Approximate Weighted Average Gross Lifetime Interest Rate Floor is the weighted average of the lowest interest rates possible based on the interest rate formula and HECM loan docuor Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. 8
- The Approximate Weighted Average Gross Lifetime Interest Rate Cap is the weighted average of the maximum interest rates possible based on the interest rate formula and HECM loan documents applicable to the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023 9

ments applicable to the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023.

The Approximate Weighted Average MIP Fee is the weighted average of the MIP Fees of the HECMs related to the Participations underlying the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. The MIP Fee is charged for FHA mortgage insurance. The MIP Fee is the monthly mortgage insurance premium ("MIP") that accrues on each HECM. (19)

4

0

- The Approximate Weighted Average Servicing Fee Margin is the weighted average of the Servicing Fee Margins of the HECMs related to the Participations underlying the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan as of October 1, 2023. The Servicing Fee Margin represents (together with the Monthly Servicing Fee, if any) the amount of the servicing compensation payable to the Issuer to cover the Issuer's servicing costs. The Servicing Fee Margin includes the Guaranty Fee charged by Ginnie Mae for the HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS guaranty at the annual rate of 0.06% and a participation agent fee, if any. The Approximate Weighted Average Servicing Fee Margin is included in the rates shown in the columns for Approximate Weighted Average Gross Interest Rate, Approximate Weighted Average Gross Lifetime Interest Rate Floor and Approximate Weighted Average Gross Lifetime Interest Rate Cap. (11)
- The Monthly Servicing Fee is the aggregate monthly servicing fee payable to the Issuer if the full amount of the servicing cost is not included in the HECM interest rate and is in addition to the Servicing Fee Margin. (12)
- The Initial Monthly Scheduled Draw is the aggregate monthly amount that is payable to borrowers in a given month under certain types of payment plans during the first twelve month dis-(13)
- The Subsequent Monthly Scheduled Draw is the aggregate monthly amount that is payable to borrowers in a given month under certain types of payment plans after the first twelve month disbursement period. (14)
- The Approximate Weighted Average Remaining Draw Term (in months) is the weighted average of the remaining draw terms of the HECMs related to the Participations underlying the related HECM MBS or Ginnie Mae Platinum Certificate backed by HECM MBS for such payment plan. The remaining draw term represents the number of months over which a borrower with a term or modified term payment plan will receive Monthly Scheduled Draws as of October 1, 2023. (15)
- The Initial Available Line of Credit is the aggregate of the lines of credit available to borrowers under the Modified Term, Modified Tenure and Line of Credit payment plans during the first twelve month disbursement period. The Initial Available Line of Credit does not include set asides for the Monthly Servicing Fee, if any, property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs, if any. (10)
- The Available Line of Credit is the aggregate of the lines of credit available to borrowers under the Modified Term, Modified Tenure and Line of Credit payment plans during the lives of their related HECMs. The Available Line of Credit does not include set asides for the Monthly Servicing Fee, if any, property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs, if any. (17)
- (18) The sum of the applicable Maximum Claim Amounts with respect to each HECM.
- (19) These HECMs do not have draw terms or monthly scheduled draws.
- Borrowers who select tenure or modified tenure payment plans have a right to receive monthly draws for their tenure in the property. (20)
- (21) These HECMs do not have a flat Monthly Servicing Fee in addition to the Servicing Fee Margin
- (22) The Lines of Credit related to these HECMs are fully drawn.
- These HECMs are not subject to restrictions on the amount of the Available Line of Credit available to borrowers during the first twelve month disbursement period. (23)
- (24) Platinum Pool

The actual HECM ages, gross interest rates, gross margins, gross lifetime interest rate floors, gross lifetime interest rate caps, MIP Fees, Servicing Fee Margins and remaining draw terms of many of the HECMs related to the Participations underlying the Trust Assets will differ from the approximate weighted averages shown above, perhaps significantly. See "The Trust Assets — The Participations and the HECMs" in this Supplement.

#### Exhibit B

#### **CPR Percentage in Effect by HECM Age**

HECM Age (in months)	CPR (%)
1	0.00000
2	0.54545
3	1.09091
4	1.63636
5	2.18182
6	2.72727
7	3.27273
8	3.81818
9	4.36364
10	4.90909
11	5.45455
12	6.00000
13	6.29167
14	6.58333
15	6.87500
16	7.16667
17	7.45833
18	7.75000
19	8.04167
20	8.33333
21	8.62500
22	8.91667
23	9.20833
24	9.50000
25	9.66667
26	9.83333
27	10.00000
28	10.16667
29	10.33333
30	10.50000
31	10.66667
32	10.83333
33	11.00000
34	11.16667
35	11.33333
36	11.50000
37	11.66667
38	11.83333
39	12.00000
40	12.16667

HECM Age (in months)	CPR (%)
41	12.33333
42	12.50000
43	12.66667
44	12.83333
45	13.00000
46	13.16667
47	13.33333
48	13.50000
49	13.62240
50	13.74479
51	13.86719
52	13.98958
53	14.11198
54	14.23438
55	14.35677
56	14.47917
57	14.60156
58	14.72396
59	14.84635
60	14.96875
61	15.09115
62	15.21354
63	15.33594
64	15.45833
65	15.58073
66	15.70313
67	15.82552
68	15.94792
69	16.07031
70	16.19271
71	16.31510
72	16.43750
73	16.55990
74	16.68229
75	16.80469
76	16.92708
77	17.04948
78	17.17188
79	17.29427
80	17.41667
81	17.53906
82	17.66146
83	17.78385

HECM Age (in months)	CPR (%)
84	17.90625
85	18.02865
86	18.15104
87	18.27344
88	18.39583
89	18.51823
90	18.64063
91	18.76302
92	18.88542
93	19.00781
94	19.13021
95	19.25260
96	19.37500
97	19.49740
98	19.61979
99	19.74219
100	19.86458
101	19.98698
102	20.10938
103	20.23177
104	20.35417
105	20.47656
106	20.59896
107	20.72135
108	20.84375
109	20.96615
110	21.08854
111	21.21094
112	21.33333
113	21.45573
114	21.57813
115	21.70052
116	21.82292
117	21.94531
118	22.06771
119	22.19010
120	22.31250
121	22.43490
122	22.55729
123	22.67969
124	22.80208
125	22.92448
126	23.04688

HECM Age (in months)	CPR (%)
127	23.16927
128	23.29167
129	23.41406
130	23.53646
131	23.65885
132	23.78125
133	23.90365
134	24.02604
135	24.14844
136	24.27083
137	24.39323
138	24.51563
139	24.63802
140	24.76042
141	24.88281
142	25.00521
143	25.12760
144	25.25000
145	25.37240
146	25.49479
147	25.61719
148	25.73958
149	25.86198
150	25.98438
151	26.10677
152	26.22917
153	26.35156
154	26.47396
155	26.59635
156	26.71875
157	26.84115
158	26.96354
159	27.08594
160	27.20833
161	27.33073
162	27.45313
163	27.57552
164	27.69792
165	27.82031
166	27.94271
167	28.06510
168	28.18750
169	28.30990

171       28,5769         172       28,67708         173       28,7948         174       29,24427         176       29,16667         177       29,28906         178       29,41146         179       29,53385         180       29,65625         181       29,77865         182       29,90144         183       30,0394         184       30,14583         185       30,26823         186       30,3903         187       30,14583         188       30,63542         189       30,75781         191       31,0260         192       31,0250         193       31,24740         194       31,36979         195       31,4740         196       31,4919         197       31,7368         198       31,8917         200       32,1947         201       32,2056         202       32,3486         203       32,4715         204       32,5969         205       32,2166         206       32,8854      <	HECM Age (in months)	CPR (%)
172         28.67708           173         28.79948           174         28.92188           175         29.16667           177         29.28906           178         29.41146           179         29.53385           180         29.65625           181         29.77865           182         29.90104           183         30.02344           184         30.14583           185         30.26823           186         30.3903           187         30.51302           188         30.6542           189         30.75781           190         30.88021           191         31.0260           192         31.12500           193         31.24740           194         31.36979           195         31.49219           196         31.61458           197         31.73698           198         31.8917           201         32.24715           202         32.34896           203         32.4715           204         32.59375           205         32.71615	170	28.43229
173       28.7948         174       28.92188         175       29.04427         176       29.28906         1778       29.28906         178       29.41146         179       29.53385         180       29.65625         181       29.77865         182       29.90104         183       30.02344         184       30.14583         185       30.26823         186       30.39063         187       30.1302         188       30.65542         189       30.75781         190       30.88021         191       31.0260         192       31.12570         193       31.24740         194       31.3697         195       31.49219         196       31.61458         197       31.85938         198       31.8938         199       31.8917         200       32.10417         201       32.2666         202       32.34896         203       32.47135         205       32.71615         206       32.83854	171	28.55469
174       28,92188         175       29,04427         176       29,16667         177       29,28906         178       29,41146         179       29,53385         180       29,65625         181       29,77865         182       29,90104         183       30,02344         184       30,14583         185       30,26823         186       30,3903         187       30,1302         188       30,6542         189       30,75781         190       30,88021         191       31,0260         192       31,12500         193       31,24709         194       31,6479         195       31,4919         196       31,6148         197       31,75698         198       31,8513         200       32,10417         201       32,247135         202       32,34896         203       32,47135         204       32,59375         205       32,71615         206       32,8854         207       32,9604 <td>172</td> <td>28.67708</td>	172	28.67708
175       29.04427         176       29.16667         177       29.28906         178       29.41146         179       29.53385         180       29.65625         181       29.77865         182       29.90104         183       30.02344         184       30.4583         185       30.5903         186       30.3903         187       30.51302         188       30.65542         189       30.75781         190       30.88021         191       31.0260         192       31.12500         193       31.24740         194       31.36979         195       31.4919         196       31.73698         197       31.73698         198       31.8917         200       32.10417         201       32.2656         202       32.34896         203       32.47155         204       32.59375         205       32.71615         206       32.8884         207       32.96094         33.0833       30.2434	173	28.79948
176       29,16667         177       29,28906         178       29,4114         189       29,53385         180       29,65625         181       29,77865         182       29,90104         183       30,02344         184       30,14583         185       30,26823         186       30,3903         187       30,51302         188       30,63542         189       30,75781         190       30,88021         191       31,0250         192       31,1250         193       31,24740         194       31,36979         195       31,49219         196       31,61458         197       31,73698         198       31,8978         199       31,9177         200       32,10417         201       32,2266         202       32,34896         203       32,4896         204       32,59375         205       32,71615         206       32,8854         207       32,96094         208       33,3833 <td>174</td> <td>28.92188</td>	174	28.92188
177       29,28906         178       29,41146         179       29,5385         180       29,65625         181       29,77865         182       29,90104         183       30,02344         184       30,14583         185       30,26823         186       30,39063         187       30,51302         188       30,67542         189       30,75781         190       30,88021         191       31,0260         192       31,1250         193       31,24740         194       31,36979         195       31,49219         196       31,6148         197       31,73698         198       31,8917         200       32,10417         201       32,2476         202       32,34896         203       32,47135         204       32,59375         205       32,71615         206       32,83854         207       32,96094         208       33,0833         209       33,20573         210       33,247135	175	29.04427
178       29.41146         179       29.53385         180       29.65625         181       29.77865         182       29.90104         183       30.02344         184       30.14583         185       30.26823         186       30.39063         187       30.51302         188       30.63542         189       30.75781         190       30.88021         191       31.0260         192       31.1250         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.9817         200       32.10417         201       32.2656         202       32.34896         203       32.71615         206       32.33896         207       32.96094         208       33.08333         209       33.296094         210       33.32813         211       33.345052	176	29.16667
179       29.53385         180       29.65625         181       29.77865         182       29.90104         183       30.02348         184       30.14583         185       30.26823         186       30.39063         187       30.51302         188       30.63542         189       30.75781         190       30.88021         191       31.0260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.89187         200       32.10417         201       32.2476         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.34896         207       32.96094         208       33.0833         209       33.2969         310       33.3213         211       33.45052	177	29.28906
180       29,65625         181       29,77865         182       29,90104         183       30,02344         184       30,14583         185       30,29063         186       30,39063         187       30,51302         188       30,63542         189       30,75781         190       30,88021         191       31,00260         192       31,12500         193       31,24740         194       31,36979         195       31,49219         196       31,73698         197       31,73698         198       31,73698         199       31,98177         200       32,10417         201       32,2656         202       32,34896         203       32,21041         204       32,59375         205       32,71615         206       32,83854         207       32,96094         208       33,0833         209       33,0833         209       33,0833         209       33,0833         210       33,32513	178	29.41146
181       29,77865         182       29,90104         183       30,02344         184       30,14583         185       30,26823         186       30,51302         187       30,51302         188       30,63542         189       30,75781         190       30,88021         191       31,00260         192       31,12500         193       31,4740         194       31,36979         195       31,49219         196       31,49219         197       31,73698         198       31,8917         200       32,10417         201       32,2656         202       32,34896         203       32,47135         204       32,59375         205       32,71615         206       32,83854         207       32,9694         208       33,0833         209       33,20573         210       33,32813         211       33,45052	179	29.53385
1882       29,90104         1883       30,02344         1844       30,14583         185       30,26823         186       30,39063         187       30,51302         1889       30,63542         1890       30,88021         190       30,88021         191       31,00260         192       31,12500         193       31,24740         194       31,36979         195       31,49219         196       31,61458         197       31,73698         198       31,85938         199       32,10417         201       32,2656         202       32,34896         203       32,47135         204       32,59375         205       32,71615         206       32,83854         207       32,96094         208       33,0833         209       33,29609         33,2813       31,49522	180	29.65625
1883       30.02344         1884       30.14583         1885       30.26823         1886       30.39063         1887       30.51302         1888       30.63542         1899       30.75781         190       30.88021         191       31.00260         192       31.12500         193       31.24740         194       31.36797         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.0833         209       33.2969         33.32813       31.49052	181	29.77865
184       30.14583         185       30.26823         186       30.39063         187       30.51302         188       30.63542         189       30.75781         190       30.88021         191       31.00260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.2466         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.0833         209       33.20573         210       33.32813         211       33.45052	182	29.90104
185       30.26823         186       30.39063         187       30.51302         188       30.63542         189       30.75781         190       30.88021         191       31.0260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.2656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.29573         210       33.32813         211       33.45052	183	30.02344
186       30.39063         187       30.51302         188       30.63542         189       30.75781         190       30.88021         191       31.00260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	184	30.14583
187       30.51302         188       30.63542         189       30.75781         190       30.88021         191       31.0260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.73698         198       31.85938         199       31.98177         201       32.2656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.0833         209       33.20573         210       33.32813         210       33.32813         211       33.45052	185	30.26823
188       30.63542         189       30.75781         190       30.88021         191       31.0260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	186	30.39063
189       30.75781         190       30.88021         191       31.00260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	187	30.51302
190       30.88021         191       31.00260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	188	30.63542
191       31.0260         192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	189	30.75781
192       31.12500         193       31.24740         194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	190	30.88021
193       31.24740         194       31.36979         195       31.49219         196       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	191	31.00260
194       31.36979         195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	192	31.12500
195       31.49219         196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	193	31.24740
196       31.61458         197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	194	31.36979
197       31.73698         198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	195	31.49219
198       31.85938         199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	196	31.61458
199       31.98177         200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	197	31.73698
200       32.10417         201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	198	31.85938
201       32.22656         202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	199	31.98177
202       32.34896         203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	200	32.10417
203       32.47135         204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	201	32.22656
204       32.59375         205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	202	32.34896
205       32.71615         206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	203	32.47135
206       32.83854         207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	204	32.59375
207       32.96094         208       33.08333         209       33.20573         210       33.32813         211       33.45052	205	32.71615
208       33.08333         209       33.20573         210       33.32813         211       33.45052	206	32.83854
209	207	32.96094
210       33.32813         211       33.45052	208	33.08333
211 33.45052	209	33.20573
	210	33.32813
212 33.57292	211	33.45052
	212	33.57292

214       35.81771         215       33.94010         216       34.06250         217       34.18490         218       34.3072         219       34.42960         220       34.55208         221       34.67448         222       34.79682         223       34.91927         224       35.0467         225       35.16406         226       35.28646         227       35.8932         228       35.5312         229       35.6365         230       35.77604         231       35.8944         232       36.04832         233       36.1432         234       36.26563         235       36.51042         236       36.51042         237       36.63281         238       36.7504         244       37.0000         244       37.0000         244       37.0000         245       37.5000         246       37.3000         247       37.5000         248       37.5000         249       37.5000	HECM Age (in months)	CPR (%)
215       33,94010         216       34,06250         217       34,18490         218       34,30725         219       34,42906         220       34,55208         221       34,7968         222       34,7968         223       34,91927         224       35,04167         225       35,16400         227       35,8842         228       35,53125         230       35,77604         231       35,89844         232       36,63281         233       36,14323         234       36,65363         235       36,51042         237       36,63281         238       36,51042         237       36,63281         238       36,51042         237       36,63281         238       36,7521         239       36,7521         240       37,0000         241       37,0000         242       37,1000         243       37,2500         244       37,2500         245       37,5000         246       37,5000	<u>213</u>	33.69531
216       34,06250         217       34,18490         218       34,3072s         219       34,5520e         220       34,5520e         221       34,67448         222       34,7968e         223       34,91927         224       35,54167         225       35,2864e         227       35,4085         228       35,53125         229       35,6365         323       35,77604         323       35,77604         323       36,0263         323       36,0263         323       36,1432         323       36,2663         323       36,3802         323       36,3802         323       36,3802         324       36,2663         323       36,37000         244       37,0000         245       37,0000         246       37,0000         247       37,3000         248       37,0000         249       37,4500         248       37,0000         249       37,5000         250       37,5000 <tr< td=""><td>214</td><td>33.81771</td></tr<>	214	33.81771
217       34.18490         218       34.30725         219       34.4296         220       34.52028         221       34.6748         222       34.7968         223       34.91927         224       35.04167         225       35.28646         227       35.40885         228       35.53125         230       35.65365         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.51042         237       36.63281         238       36.75521         249       37.0000         241       37.0000         243       37.15000         244       37.25000         245       37.5000         246       37.3500         247       37.35000         248       37.45000         251       37.5000         252       37.6000         253       37.6000 <td>215</td> <td>33.94010</td>	215	33.94010
218       34,30725         219       34,42965         220       34,55208         221       34,7968         222       34,7968         223       34,91927         224       35,04167         225       35,16406         227       35,8646         227       35,53125         228       35,53125         230       35,77604         231       35,8984         232       36,0208         233       36,1432         234       36,2656         235       36,5880         236       36,15042         237       36,6381         238       36,75521         249       37,0000         241       37,0000         242       37,0000         243       37,25000         244       37,25000         245       37,5000         246       37,3000         247       37,5000         248       37,4500         250       37,6000         251       37,6000         252       37,6000         253       37,6000	216	34.06250
219       34.42969         220       34.55208         221       34.67448         222       34.79682         223       34.91927         224       35.04167         225       35.16406         226       35.28646         227       35.40885         228       35.53125         229       35.6365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.6281         238       36.7502         239       36.87760         240       37.0000         241       37.0000         242       37.1000         243       37.2500         244       37.2500         245       37.3500         246       37.3000         247       37.3500         248       37.4500         249       37.5500         251       37.5500         252       37.6000	217	34.18490
220       34.55208         221       34.67488         222       34.79688         223       35.0467         224       35.04167         225       35.16406         227       35.40885         228       35.53125         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.7521         238       36.7521         238       36.7521         239       36.87760         240       37.0000         241       37.0000         242       37.15000         243       37.2500         244       37.2500         245       37.35000         246       37.3000         247       37.35000         248       37.45000         249       37.55000         251       37.55000         252       37.6000         253       37.55000 <td>218</td> <td>34.30729</td>	218	34.30729
221       34.67448         222       34.79688         223       34.91927         224       35.04167         225       35.16406         226       35.28646         227       35.40885         228       35.53125         229       35.6363         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.2563         235       36.38802         236       36.51042         237       36.63281         249       37.0000         240       37.0000         241       37.0000         242       37.15000         243       37.25000         244       37.2000         245       37.25000         246       37.3500         247       37.5500         250       37.5000         251       37.5000         252       37.6000         253       37.6000         254       37.70000	219	34.42969
222       34.79688         223       34.91927         224       35.04167         225       35.16406         226       35.2864         227       35.40885         228       35.53125         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.75521         239       36.87760         240       37.0000         241       37.0000         242       37.1000         243       37.25000         244       37.25000         245       37.35000         246       37.30000         247       37.35000         248       37.40000         249       37.50000         250       37.50000         251       37.50000         252       37.60000         253       37.60000         254       37.50000         255       37.60000	220	34.55208
223       34.91927         224       35.04167         225       35.16406         226       35.28646         227       35.40885         228       35.51526         229       35.65365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         237       36.63281         238       36.51042         239       36.87760         240       37.0000         241       37.0000         242       37.10000         243       37.25000         244       37.2000         245       37.3000         246       37.3000         247       37.35000         250       37.5000         251       37.5000         252       37.6000         253       37.6000         254       37.70000	221	34.67448
224       35.04167         225       35.16406         226       35.28646         227       35.40885         228       35.53125         229       35.630         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         237       36.63281         238       36.75521         239       36.8760         240       37.0000         241       37.0000         242       37.1000         243       37.2500         244       37.2000         245       37.3000         246       37.3000         247       37.35000         251       37.5000         252       37.6000         253       37.5000         253       37.5000         254       37.5000         255       37.6000         253       37.6000         254       37.70000	222	34.79688
225       35.16406         226       35.28646         227       35.40885         228       35.53125         229       35.65365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.3802         236       36.51042         237       36.63281         238       36.75521         240       37.0000         241       37.0000         242       37.15000         243       37.15000         244       37.2000         245       37.30000         246       37.30000         247       37.45000         250       37.50000         251       37.50000         252       37.60000         253       37.50000         254       37.70000	223	34.91927
226       35.28646         227       35.40885         228       35.53125         229       35.65365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         237       36.63281         238       36.775521         249       37.00000         244       37.20000         244       37.20000         245       37.25000         246       37.35000         247       37.35000         248       37.40000         250       37.50000         251       37.50000         252       37.60000         253       37.50000         253       37.50000         253       37.50000         253       37.50000         253       37.60000         254       37.700000	224	35.04167
227       35.40885         228       35.53125         229       35.65365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         237       36.63281         238       36.75521         240       37.00000         241       37.00000         242       37.15000         243       37.15000         244       37.25000         245       37.35000         246       37.35000         247       37.35000         250       37.55000         251       37.55000         252       37.60000         253       37.55000         254       37.75000         255       37.65000         253       37.65000         254       37.70000	225	35.16406
228       35.53125         229       35.6365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         237       36.63281         238       36.75521         239       36.87760         240       37.0000         241       37.05000         242       37.15000         243       37.25000         244       37.25000         247       37.35000         248       37.45000         250       37.55000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	226	35.28646
229       35.65365         230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.75521         239       36.87760         240       37.00000         241       37.05000         242       37.15000         243       37.25000         244       37.25000         247       37.35000         250       37.5000         251       37.55000         252       37.6000         253       37.55000         253       37.65000         254       37.70000	227	35.40885
230       35.77604         231       35.89844         232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.75521         238       36.87760         240       37.00000         241       37.05000         242       37.15000         243       37.25000         244       37.25000         245       37.35000         246       37.35000         250       37.50000         251       37.55000         252       37.60000         253       37.55000         254       37.760000	228	35.53125
231       35,89844         232       36,02083         233       36,14323         234       36,26563         235       36,38802         236       36,51042         237       36,63281         238       36,87760         240       37,00000         241       37,00000         242       37,10000         243       37,25000         244       37,25000         245       37,35000         246       37,35000         247       37,35000         250       37,50000         251       37,50000         252       37,60000         253       37,65000         254       37,700000	229	35.65365
232       36.02083         233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.77521         239       36.87760         240       37.0000         241       37.05000         242       37.15000         243       37.25000         244       37.20000         245       37.35000         246       37.30000         247       37.35000         248       37.45000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	230	35.77604
233       36.14323         234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.77521         239       36.87760         240       37.00000         241       37.05000         242       37.10000         243       37.15000         244       37.25000         245       37.35000         247       37.35000         248       37.40000         250       37.50000         251       37.50000         252       37.60000         253       37.65000         254       37.70000	231	35.89844
234       36.26563         235       36.38802         236       36.51042         237       36.63281         238       36.75521         239       36.87760         240       37.0000         241       37.0000         242       37.1000         243       37.25000         244       37.25000         245       37.35000         247       37.35000         250       37.45000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	232	36.02083
235       36.38802         236       36.51042         237       36.63281         238       36.75521         239       36.87760         240       37.00000         241       37.05000         242       37.10000         243       37.25000         246       37.30000         247       37.35000         248       37.45000         250       37.50000         251       37.50000         252       37.60000         253       37.65000         254       37.70000	233	36.14323
236       36.51042         237       36.63281         238       36.75521         239       36.87760         240       37.00000         241       37.05000         242       37.15000         243       37.25000         244       37.25000         246       37.35000         247       37.35000         250       37.45000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	234	36.26563
237       36.63281         238       36.75521         239       36.87760         240       37.00000         241       37.15000         242       37.15000         243       37.25000         244       37.25000         245       37.35000         247       37.35000         248       37.45000         250       37.55000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	235	36.38802
238       36.75521         239       36.87760         240       37.00000         241       37.05000         242       37.10000         243       37.20000         244       37.20000         245       37.35000         246       37.35000         247       37.35000         248       37.45000         250       37.50000         251       37.50000         252       37.60000         253       37.65000         254       37.70000	236	36.51042
239       36.87760         240       37.00000         241       37.05000         242       37.15000         243       37.25000         244       37.25000         245       37.35000         247       37.35000         248       37.40000         250       37.50000         251       37.50000         252       37.60000         253       37.65000         254       37.70000	237	36.63281
240       37.00000         241       37.05000         242       37.10000         243       37.20000         244       37.20000         245       37.35000         246       37.35000         247       37.35000         248       37.40000         250       37.50000         251       37.50000         252       37.60000         253       37.65000         254       37.70000	238	36.75521
241       37.05000         242       37.10000         243       37.20000         244       37.20000         245       37.35000         247       37.35000         248       37.40000         250       37.50000         251       37.50000         252       37.60000         253       37.65000         254       37.70000	239	36.87760
242       37.10000         243       37.15000         244       37.20000         245       37.25000         246       37.35000         247       37.35000         248       37.45000         250       37.50000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	240	37.00000
243       37.15000         244       37.20000         245       37.35000         247       37.35000         248       37.40000         249       37.50000         250       37.50000         251       37.60000         252       37.60000         253       37.70000         254       37.70000	241	37.05000
244       37.20000         245       37.25000         246       37.30000         247       37.35000         248       37.40000         250       37.50000         251       37.55000         252       37.60000         253       37.70000         254       37.70000	242	37.10000
245       37.25000         246       37.30000         247       37.35000         248       37.40000         250       37.50000         251       37.55000         252       37.60000         253       37.70000         254       37.70000	243	37.15000
246       37.30000         247       37.35000         248       37.40000         250       37.50000         251       37.55000         252       37.60000         253       37.70000         254       37.70000	244	37.20000
247       37.35000         248       37.40000         249       37.50000         250       37.50000         251       37.55000         252       37.60000         253       37.70000         254       37.70000	245	37.25000
248       37.40000         249       37.45000         250       37.50000         251       37.55000         252       37.60000         253       37.70000         254       37.70000	246	37.30000
249       37.45000         250       37.50000         251       37.55000         252       37.60000         253       37.70000         254       37.70000	247	37.35000
250       37.50000         251       37.55000         252       37.60000         253       37.65000         254       37.70000	248	37.40000
251       37.55000         252       37.60000         253       37.65000         254       37.70000	249	37.45000
252	250	37.50000
253       37.65000         254       37.70000	251	37.55000
254	252	37.60000
	253	37.65000
255 37.75000	254	37.70000
	255	37.75000

HEC	M Age (in months)	CPR (%)
256		37.80000
257		37.85000
258		37.90000
259		37.95000
260		38.00000
261		38.05000
262		38.10000
263		38.15000
264		38.20000
265		38.25000
266		38.30000
267		38.35000
268		38.40000
269		38.45000
270		38.50000
271		38.55000
272		38.60000
273		38.65000
274		38.70000
275		38.75000
276		38.80000
277		38.85000
278		38.90000
279		38.95000
280		39.00000
281		39.05000
282		39.10000
283		39.15000
284		39.20000
285		39.25000
286		39.30000
287		39.35000
288		39.40000
289		39.45000
290		39.50000
291		39.55000
292		39.60000
293		39.65000
294		39.70000
295		39.75000
296		39.80000
297		39.85000
298		39.90000

HECM Age (in months)	CPR (%)
299	39.95000
300	40.00000
301	40.05000
302	40.10000
303	40.15000
304	40.20000
305	40.25000
306	40.30000
807	40.35000
308	40.40000
309	40.45000
310	40.50000
311	40.55000
312	40.60000
313	40.65000
314	40.70000
315	40.75000
316	40.80000
317	40.85000
18	/0.0000
19	/o.o
20	/4.0000
21	/
22	/4.4000
23	/
24	/
25	/
26	/4.2000
27	41.35000
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	,
40	
41	42.05000

HECM Age (in months)	CPR (%)
342	42.10000
343	42.15000
344	42.20000
345	42.25000
346	42.30000
347	42.35000
348	42.40000
349	42.45000
350	42.50000
351	42.55000
352	42.60000
353	42.65000
354	42.70000
355	42.75000
356	42.80000
357	42.85000
358	42.90000
359	42.95000
360 and thereafter	43.00000

#### Exhibit C

#### Draw Curve in Effect by HECM Age

HECM Age (in months)	Annualized Draw Rate (%)
1	14.00000
2	9.00000
3	8.00000
4	7.33333
5	6.66667
6	6.00000
7	5.83333
8	5.66667
9	5.50000
10	5.33333
11	5.16667
12	5.00000
13	4.83333
14	4.66667
15	4.50000
16	4.33333
17	4.16667
18	4.00000
19	3.86111
20	3.72222
21	3.58333
22	3.44444
23	3.30556
24	3.16667
25	3.02778
26	2.88889
27	2.75000
28	2.61111
29	2.47222
30	2.33333
31	2.19444
32	2.05556
33	1.91667
34	1.77778
35	1.63889
36	1.50000
37	1.43750
38	1.37500
39	1.31250
40	1.25000

HECM Age (in months)	Annualized Draw Rate (%)
41	1.18750
42	1.12500
43	1.06250
44	1.00000
45	0.93750
46	0.87500
47	0.81250
48	0.75000
49	0.68750
50	0.62500
51	0.56250
52	0.50000
53	0.43750
54	0.37500
55	0.31250
56	0.25000
57	0.18750
58	0.12500
59	0.06250
60 and thereafter	0.00000

# **Underlying Certificate**

Approximate Weighted Average HECM Age (in months)(4)	39
Approximate Weighted Average Gross Interest Rate of HECMs(4)	3.347%
Percentage of Class in Trust	100%
Principal Balance in Trust(3)	\$5,533,263
Cumulative Deferred Interest Amount	N/A
Underlying Certificate Factor(2)	0.55332628
Original Class Principal Balance	\$10,000,000
Principal Type(1)	HSEQ
Final Distribution Date	September 2070
Interest Type(1)	HWAC/HZ/DLY
Interest Rate	(5)
CUSIP	38380QLD2
Issue Date	BA September 30, 2020
Class	BA
Series	2020-H16
Issuer	
Trust Asset Subgroup	7B

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

(2) Underlying Certificate Factor is as of October 2023.

(3) The Principal Balance in Trust was obtained using the current Class Principal Balance of the Underlying Certificate from data provided to the Sponsor by the participation agent as of October 1, 2023 instead of the truncated balance from ginniemae.gov.

(4) Based on information as of the first Business Day of October 2023.

(5) See "Terms Sheet — Interest Rates" in the Underlying Certificate Disclosure Document.

# Updated Exhibit A

# Assumed Characteristics of the HECMs and the Participations Underlying the Subgroup 7B Trust Asset(1)

HECM	Issue Date	July 2020	September 2020	8 September 2020
	Pool Number			BW7778
N.	Claim Amount(18)	\$ 8,666,515.00	16,924,002.00	14,498,600.00
AmBahla	Line of Credit(17)	\$0.00	0.00	00:00
Initial	Line of Credit(16)	\$0.00	00.00	00'00
Approximate Weighted Average Remaining	(in months) (15)	(61)	(19)	(61)
ubsequent	Scheduled Draw(14)	(61)	(19)	(19)
Initial	Scheduled Draw(13)	(61)	(19)	(19)
	Servicing (Fee(12)		(20)	(20)
Approximate Weighted Average	Servicing Fee Margin(11)	0.360%	0.360%	0.360%
. <	MIP Fee(10)	!		0.500%
Approximate Weighted Average Gross Lifetime	Rate Cap(9)	N/A	N/A	N/A
Approximate Weighted Average Gross	Interest Rate Floor(8)	N/A	N/A	N/A
pproximate Weighted	Gross Grass Margin(7)	N/A	N/A	N/A
Approximate Weighted A Average	Interest Rate (6)	3.192%	3.434%	3.357%
Weighted Average Average Next Rate	Month (5)	N/A	N/A	N/A
Ports Dares	Frequency (4)	V/A	N/A	N/A
		V/V		
pproximate Weighted Average Thera A	Interest Type	XH	HX	HX
Approximat Weighted Average	(in months)	9	88	88
	HECM Loan Balance	\$ 5,130,137.65	10,048,235.86	8,885,974.24
SOM WOOD	in Principal HI Balance(2)	19'66'033'61	9,740,192.02	8,647,629.38
Descentage	of Pool in Trust	63.6927108917%	55.6514634298%	16.2658914737%
	ayment Plan	mng dun	b Sum	b Sum
	_	7B Lum	Н	7B Lum
	Subg		7	14

- The information in this Updated Exhibit A is provided by the Sponsor as of October 1, 2023. It is based on information regarding the HECM MBS, the related Participations and the HECMs related to the Participations underlying the Subgroup 7B Trust Asset. All weighted averages provided in this Updated Exhibit A are weighted based on the outstanding principal amounts of the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023. The information shown in this Updated Exhibit A is for 100% of the relevant pool; however, the Subgroup 7B securities are only entitled to the Subgroup 7B Trust Asset.  $\Box$
- The HECM MBS Principal Balance is the sum of the outstanding principal amounts of the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023. 3
- The Approximate Weighted Average HECM Age (in months) is the weighted average age of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023. 3
- The Rate Reset Frequency is a period, whether annually or monthly, that the interest rate of each adjustable rate HECM resets under the interest rate formula and HECM loan documents applicable to each adjustable rate HECM. 4
- The Approximate Weighted Average Next Rate Reset Month is the weighted average number of months until the interest rate of each adjustable rate HECM resets under the interest rate formula and HECM loan documents applicable to each adjustable rate HECM. For example, an entry of "1" signifies that the Approximate Weighted Average Next Rate Reset Month for the adjustable rate HECM's rate is the first day of November 2023. (2)
- The Approximate Weighted Average Gross Interest Rate is the weighted average of the gross interest rates of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023. 9
- The Approximate Weighted Average Gross Margin is the weighted average of the gross margins of the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023.
- est rate formula and HECM loan documents applicable to the adjustable rate HECMs related to the Participations underlying the related HECM MBS for The Approximate Weighted Average Gross Lifetime Interest Rate Floor is the weighted average of the lowest interest rates possible based on the intersuch payment plan as of October 1, 2023. 8

- The Approximate Weighted Average Gross Lifetime Interest Rate Cap is the weighted average of the maximum interest rates possible based on the interest rate formula and HECM loan documents applicable to the adjustable rate HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023 6
- (10) The Approximate Weighted Average MIP Fee is the weighted average of the MIP Fees of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023. The MIP Fee is charged for FHA mortgage insurance. The MIP Fee is the monthly mortgage insurance premium ("MIP") that accrues on each HECM.
- Servicing Fee, if any) the amount of the servicing compensation payable to the Issuer to cover the Issuer's servicing costs. The Servicing Fee Margin includes the Guaranty Fee charged by Ginnie Mae for the HECM MBS guaranty at the annual rate of 0.06% and a participation agent fee, if any. The Approximate Weighted Average Servicing Fee Margin is included in the rates shown in the columns for Approximate Weighted Average Gross Interest (11) The Approximate Weighted Average Servicing Fee Margin is the weighted average of the Servicing Fee Margins of the HECMs related to the Participations underlying the related HECM MBS for such payment plan as of October 1, 2023. The Servicing Fee Margin represents (together with the Monthly Rate, Approximate Weighted Average Gross Margin, Approximate Weighted Average Gross Lifetime Interest Rate Floor and Approximate Weighted Average Gross Lifetime Interest Rate Cap.
- (12) The Monthly Servicing Fee is the aggregate monthly servicing fee payable to the Issuer if the full amount of the servicing cost is not included in the HECM interest rate and is in addition to the Servicing Fee Margin.
- (13) The Initial Monthly Scheduled Draw is the aggregate monthly amount that is payable to borrowers in a given month under certain types of payment plans during the first twelve month disbursement period.
- (14) The Subsequent Monthly Scheduled Draw is the aggregate monthly amount that is payable to borrowers in a given month under certain types of payment plans after the first twelve month disbursement period.
- (15) The Approximate Weighted Average Remaining Draw Term (in months) is the weighted average of the remaining draw terms of the HECMs related to the Participations underlying the related HECM MBS for such payment plan. The remaining draw term represents the number of months over which a borrower with a term or modified term payment plan will receive Monthly Scheduled Draws as of October 1, 2023.
- (16) The Initial Available Line of Credit is the aggregate of the lines of credit available to borrowers under the Modified Term, Modified Tenure and Line of Credit payment plans during the first twelve month disbursement period. The Initial Available Line of Credit does not include set asides for the Monthly Servicing Fee, if any, property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs, if any.
- (17) The Available Line of Credit is the aggregate of the lines of credit available to borrowers under the Modified Term, Modified Tenure and Line of Credit payment plans during the lives of their related HECMs. The Available Line of Credit does not include set asides for the Monthly Servicing Fee, if any, property charges (such as taxes, hazard insurance, ground rents or assessments) or repairs, if any.
- 18) The sum of the applicable Maximum Claim Amounts with respect to each HECM
- (19) These HECMs do not have draw terms or monthly scheduled draws.
- (20) These HECMs do not have a flat Monthly Servicing Fee in addition to the Servicing Fee Margin.

The actual HECM ages, gross interest rates, gross margins, gross lifetime interest rate floors, gross lifetime interest rate caps, MIP Fees, Servicing Fee Margins and remaining draw terms of many of the HECMs related to the Participations underlying the Subgroup 7B Trust Asset will differ from the approximate weighted averages shown above, perhaps significantly. See "The Trust Assets — The Participations" in this Supplement.



\$303,470,643

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

#### GINNIE MAE®

Guaranteed HECM MBS REMIC
Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2023-H25

#### OFFERING CIRCULAR SUPPLEMENT October 24, 2023

Citigroup Roberts & Ryan Investments Inc.