

\$685,534,132
Government National Mortgage Association

GINNIE MAE®

**Guaranteed REMIC Pass-Through Securities
and MX Securities
Ginnie Mae REMIC Trust 2016-156**

The Securities

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

The Ginnie Mae Guaranty

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

The Trust and its Assets

The Trust will own Ginnie Mae Certificates.

Class of REMIC Securities	Original Principal Balance(2)	Interest Rate	Principal Type(3)	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 1						
PB	\$ 5,493,124	2.00%	PAC/AD	FIX	38380BB46	November 2046
PC	50,000,000	1.75	PAC/AD	FIX	38380BB53	July 2045
PF	31,913,227	(5)	PAC/AD	FLT	38380BB61	November 2046
PS	31,913,227	(5)	NTL(PAC/AD)	INV/IO	38380BB79	November 2046
Z(1)	9,881,840	3.50	SUP	FIX/Z	38380BB87	November 2046
Security Group 2						
AI	16,250,000	3.00	NTL(PAC/AD)	FIX/IO	38380BB95	December 2042
AP	65,000,000	2.25	PAC/AD	FIX	38380BC29	December 2042
AZ(1)	11,237,752	3.00	PAC/AD	FIX/Z	38380BC37	November 2046
VA(1)	5,879,850	3.00	PAC/AD	FIX	38380BC45	December 2030
VB(1)	5,357,903	3.00	PAC/AD	FIX	38380BC52	January 2040
ZC	13,380,236	3.00	SCH/AD	FIX/Z	38380BC60	November 2046
ZD	622,386	3.00	SUP	FIX/Z	38380BC78	November 2046
Security Group 3						
PA(1)	143,068,273	3.50	PAC/AD	FIX	38380BC86	November 2046
ZM	36,931,727	3.50	SUP	FIX/Z	38380BC94	November 2046
Security Group 4						
KA	80,000,000	1.85	PAC/AD	FIX	38380BD28	September 2043
KI	38,899,825	3.50	NTL(PAC/AD)	FIX/IO	38380BD36	November 2046
KZ	8,298,782	3.00	PAC/AD	FIX/Z	38380BD44	November 2046
ZK(1)	7,841,246	3.50	SUP	FIX/Z	38380BD51	November 2046
Security Group 5						
LP(1)	155,194,668	4.00	PAC/AD	FIX	38380BD69	November 2046
ZL	22,444,082	4.00	SUP	FIX/Z	38380BD77	November 2046
Security Group 6						
EA(1)	30,000,000	3.50	PAC/AD	FIX	38380BD85	November 2046
ZE(1)	2,989,036	3.50	SUP	FIX/Z	38380BD93	November 2046
Residual						
RR	0	0.00	NPR	NPR	38380BE27	November 2046

- (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 type of Class with which the Class Notional Balance of each Notional Class will be reduced is indicated in parentheses.
- (4) See "Yield, Maturity and Prepayment Considerations — Final Distribution Date" in this Supplement.
- (5) See "Terms Sheet — Interest Rates" in this Supplement.

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

See "Risk Factors" beginning on page S-8 which highlights some of these risks.

The Sponsor and the Co-Sponsor will offer the securities from time to time in negotiated transactions at varying prices. We expect the closing date to be November 30, 2016.

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.

Goldman, Sachs & Co.

Ramirez & Co.

The date of this Offering Circular Supplement is November 22, 2016.

AVAILABLE INFORMATION

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

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

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

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

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

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TERMS SHEET

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

Sponsor: Goldman Sachs & Co.

Co-Sponsor: Samuel A. Ramirez & Company, Inc.

Trustee: U.S. Bank National Association

Tax Administrator: The Trustee

Closing Date: November 30, 2016

Distribution Date: The 20th day of each month or, if the 20th day is not a Business Day, the first Business Day thereafter, commencing in December 2016.

Trust Assets:

<u>Trust Asset Group</u>	<u>Trust Asset Type</u>	<u>Certificate Rate</u>	<u>Original Term To Maturity (in years)</u>
1	Ginnie Mae II	3.5%	30
2	Ginnie Mae II	3.0%	30
3	Ginnie Mae II	3.5%	30
4	Ginnie Mae II	3.5%	30
5	Ginnie Mae II	4.0%	30
6	Ginnie Mae II	3.5%	30

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 a certain MX Class in Groups 1, 4 and 6, payments on each Group will be based solely on payments on the Trust Asset Group with the same numerical designation.

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

<u>Principal Balance</u>	<u>Weighted Average Remaining Term to Maturity (in months)</u>	<u>Weighted Average Loan Age (in months)</u>	<u>Weighted Average Mortgage Rate⁽²⁾</u>
Group 1 Trust Assets \$97,288,191	353	4	3.900%
Group 2 Trust Assets \$101,478,127(3)	356	2	3.420%
Group 3 Trust Assets \$180,000,000(3)	358	2	3.930%
Group 4 Trust Assets \$96,140,028	353	4	3.900%
Group 5 Trust Assets \$177,638,750	353	5	4.370%
Group 6 Trust Assets \$32,989,036	353	4	3.910%

⁽¹⁾ As of November 1, 2016.

⁽²⁾ The Mortgage Loans underlying the Trust Assets may bear interest at rates ranging from 0.25% to 1.50% per annum above the related Certificate Rate.

⁽³⁾ More than 10% of the Mortgage Loans underlying the Group 2 and 3 Trust Assets may be higher balance Mortgage Loans. See “Risk Factors” in this Supplement.

The actual remaining terms to maturity, loan ages and Mortgage Rates of many of the Mortgage Loans will differ from the weighted averages shown above, perhaps significantly. See “The Trust Assets — The Mortgage Loans” in this Supplement.

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

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

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

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

The Floating Rate and Inverse Floating Rate Classes will bear interest at per annum rates based on one-month LIBOR (hereinafter referred to as “LIBOR”) as follows:

<u>Class</u>	<u>Interest Rate Formula(1)</u>	<u>Initial Interest Rate(2)</u>	<u>Minimum Rate</u>	<u>Maximum Rate</u>	<u>Delay (in days)</u>	<u>LIBOR for Minimum Interest Rate</u>
PF	LIBOR + 0.40%	0.93100%	0.40%	6.50%	0	0.00%
PS	6.10% – LIBOR	5.56900%	0.00%	6.10%	0	6.10%

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

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

SECURITY GROUP 1

The Group 1 Principal Distribution Amount and the Z Accrual Amount will be allocated in the following order of priority:

1. To PB, PC and PF, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date, concurrently, as follows:
 - a. 33.333332952% to PF, until retired
 - b. 66.666667048% in the following order of priority:
 - i. Concurrently, until PC has been retired, as follows:
 - (A) 5.2631564986% to PF
 - (B) 94.7368435014% to PC, until retired
 - ii. To PB, until retired
2. To Z, until retired
3. To PB, PC and PF, in the same manner and order of priority as described in step 1. above, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 2

The Group 2 Principal Distribution Amount, the AZ Accrual Amount, the ZC Accrual Amount and the ZD Accrual Amount will be allocated as follows:

- The AZ Accrual Amount, sequentially, to VA, VB and AZ, in that order, until retired
- The Group 2 Principal Distribution Amount, the ZC Accrual Amount and the ZD Accrual Amount will be allocated in the following order of priority:
 1. Sequentially, to AP, VA, VB and AZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
 2. To ZC, until reduced to its Scheduled Principal Balance for that Distribution Date

3. To ZD, until retired
4. To ZC, without regard to its Scheduled Principal Balance, until retired
5. Sequentially, to AP, VA, VB and AZ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 3

The Group 3 Principal Distribution Amount and the ZM Accrual Amount will be allocated in the following order of priority:

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

SECURITY GROUP 4

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

- The KZ Accrual Amount, sequentially, to KA and KZ, in that order, until retired
- The Group 4 Principal Distribution Amount and the ZK Accrual Amount will be allocated in the following order of priority:
 1. Sequentially, to KA and KZ, in that order, until reduced to their Aggregate Scheduled Principal Balance for that Distribution Date
 2. To ZK, until retired
 3. Sequentially, to KA and KZ, in that order, without regard to their Aggregate Scheduled Principal Balance, until retired

SECURITY GROUP 5

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

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

SECURITY GROUP 6

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

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

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

	<u>Structuring Ranges</u>
PAC Classes	
AP, AZ, VA and VB (in the aggregate)	145% PSA through 250% PSA
EA	120% PSA through 180% PSA
KA and KZ (in the aggregate)	175% PSA through 240% PSA
LP	150% PSA through 250% PSA
PA	460% PSA through 660% PSA
PB, PC and PF (in the aggregate)	145% PSA through 220% PSA
Scheduled Class	
ZC	300% PSA through 307% PSA

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

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

<u>Class</u>	<u>Original Class Notional Balance</u>	<u>Represents Approximately</u>
AI	\$ 16,250,000	25% of AP (PAC/AD Class)
EI	17,142,857	57.1428571429% of EA (PAC/AD Class)
KI	\$ 37,714,285	47.1428571429% of KA (PAC/AD Class)
	1,185,540	14.2857142857% of KZ (PAC/AD Class)
	<u>\$ 38,899,825</u>	
LI	\$116,396,001	75% of LP (PAC/AD Class)
PI	102,191,623	71.4285714286% of PA (PAC/AD Class)
PS	31,913,227	100% of PF (PAC/AD Class)

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

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

RISK FACTORS

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

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

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

In addition to voluntary prepayments, mortgage loans can be prepaid as a result of governmental mortgage insurance claim payments, loss mitigation arrangements, repurchases or liquidations of defaulted mortgage loans. Although under certain circumstances Ginnie Mae issuers have the option to repurchase defaulted mortgage loans from the related pool underlying a Ginnie Mae MBS certificate, they are not obligated to do so. Defaulted mortgage loans that remain in pools backing Ginnie Mae MBS certificates may be subject to governmental mortgage insurance claim payments, loss mitigation arrangements or foreclosure, which could have the same effect as voluntary prepayments on the cash flow available to pay the securities. No assurances can be given as to the timing or frequency of any gov-

ernmental mortgage insurance claim payments, issuer repurchases, loss mitigation arrangements or foreclosure proceedings with respect to defaulted mortgage loans and the resulting effect on the timing or rate of principal payments on your securities.

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

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

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

Under certain circumstances, a Ginnie Mae issuer has the right to repurchase a defaulted mortgage loan from the related pool of mortgage loans underlying a particular Ginnie Mae MBS certificate, the effect of which would be comparable to a prepayment of such mortgage loan. At its option and without Ginnie Mae's prior consent, a Ginnie Mae issuer may repurchase any mortgage loan at an amount equal to par less any amounts previously advanced by such issuer in connection with its responsibilities as servicer of such mortgage loan to the extent that (i) in the case of a mortgage loan included in a pool of mortgage loans underlying a Ginnie Mae MBS certificate issued on or before December 1, 2002, such mortgage loan has been delinquent for four consecutive months, and at least one delinquent payment remains uncured or (ii) in the case of a mortgage loan included in a pool of mortgage loans underlying a Ginnie Mae MBS certificate

issued on or after January 1, 2003, no payment has been made on such mortgage loan for three consecutive months. Any such repurchase will result in prepayment of the principal balance or reduction in the notional balance of the securities ultimately backed by such mortgage loan. No assurances can be given as to the timing or frequency of any such repurchases.

The level of LIBOR will affect the yields on floating rate and inverse floating rate securities. If LIBOR performs differently from what you expect, the yield on your securities may be lower than you expect. Lower levels of LIBOR will generally reduce the yield on floating rate securities; higher levels of LIBOR will generally reduce the yield on inverse floating rate securities. You should bear in mind that the timing of changes in the level of LIBOR may affect your yield: generally, the earlier a change, the greater the effect on your yield. It is doubtful that LIBOR will remain constant.

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

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

ments on the related PAC and scheduled classes for that distribution date, this excess will be distributed to the related support classes.

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

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

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

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

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

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

You are encouraged to consult advisors regarding the financial, legal, tax and other aspects of an investment in the securities. You should not

purchase the securities of any class unless you understand and are able to bear the prepayment, yield, liquidity and market risks associated with that class.

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

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

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

THE TRUST ASSETS

General

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

The Trust MBS

The Trust MBS are either:

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

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

The Mortgage Loans

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

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

The Trustee Fee

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

GINNIE MAE GUARANTY

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

DESCRIPTION OF THE SECURITIES

General

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

Form of Securities

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

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

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

Distributions

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

Interest Distributions

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

- Interest will be calculated on the basis of a 360-day year consisting of twelve 30-day months.
- Interest distributable (or accrued in the case of an Accrual Class) on any Class for any Distribution Date will consist of 30 days’ interest on its Class Principal Balance (or Class Notional Balance) as of the related Record Date.
- Investors can calculate the amount of interest to be distributed (or accrued in the case of an Accrual Class) on each Class of Securities for any Distribution Date by using the Class Factors published in the preceding month. See “*— Class Factors*” below.

Categories of Classes

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

Accrual Periods

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

<u>Class</u>	<u>Accrual Period</u>
Fixed Rate Classes	The calendar month preceding the related Distribution Date
Floating Rate and Inverse Floating Rate Classes	From the 20th day of the month preceding the month of the related Distribution Date through the 19th day of the month of that Distribution Date

Fixed Rate Classes

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

Floating Rate and Inverse Floating Rate Classes

The Floating Rate and Inverse Floating Rate Classes will bear interest as shown under “Terms Sheet — Interest Rates” in this Supplement. The Interest Rates for the Floating Rate and Inverse Floating Rate Classes will be based on LIBOR. The Trustee or its agent will determine LIBOR on the basis of the ICE Benchmark Administration (“ICE”) LIBOR method (“ICE LIBOR”), using the rate, expressed as a percentage per annum, for one-month U.S. Dollar deposits as it appears on the ICE Secure File Transfer Protocol (SFTP) service or on the Reuters Screen LIBOR01 Page (or any replacement Reuters page that displays that rate, or on the appropriate page of such other information service that publishes that rate from time to time in place of Reuters) as of 11:00 am London time on the related Floating Rate Adjustment Date. In the event that any other person takes over the administration of LIBOR, LIBOR shall be determined on the basis of the succeeding administration’s LIBOR method. If on any Floating Rate Adjustment Date, the Trustee or its agent is unable to calculate LIBOR in accordance with the ICE LIBOR method, LIBOR for the next Accrual Period will be calculated in accordance with the LIBO method as described under “Description of the Securities — Interest Rate Indices — Determination of LIBOR — LIBO Method” in the Base Offering Circular.

We can provide no assurance that LIBOR for a Distribution Date accurately represents the offered rate at which one-month U.S. dollar deposits are being quoted to prime banks in the London interbank market, nor that the procedures for calculating LIBOR on the basis of the ICE LIBOR method for one-month U.S. dollar deposits will not change. Any change in LIBOR values resulting from any change in reporting or in the determination of LIBOR may cause LIBOR to fluctuate disproportionately to changes in other market lending rates.

The Trustee’s determination of LIBOR and its calculation of the Interest Rates will be final except in the case of clear error. Investors can obtain LIBOR levels and Interest Rates for the current and preceding Accrual Periods from Ginnie Mae’s Multiclass Securities e-Access located on Ginnie Mae’s website (“e-Access”) or by calling the Information Agent at (800) 234-GNMA.

Accrual Classes

Each of Classes AZ, KZ, Z, ZC, ZD, ZE, ZK, ZL and ZM is an Accrual Class. Interest will accrue on the Accrual Classes and be distributed as described under “Terms Sheet — Accrual Classes” in this Supplement.

Principal Distributions

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

Categories of Classes

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

Notional Classes

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

Residual Securities

The Class RR Securities will represent the beneficial ownership of the Residual Interest in the Issuing REMIC and the beneficial ownership of the Residual Interest in the Pooling REMIC, as described in “Certain United States Federal Income Tax Consequences” in the Base Offering Circular. The Class RR Securities have no Class Principal Balance and do not accrue interest. The Class RR Securities will be entitled to receive the proceeds of the disposition of any assets remaining in the Trust REMICs after the Class Principal Balance or Class Notional Balance of each Class of Regular Securities has been reduced to zero. However, any remaining proceeds are not likely to be significant. The Residual Securities may not be transferred to a Plan Investor, a Non-U.S. Person or a Disqualified Organization.

Class Factors

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

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

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

Termination

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

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

Modification and Exchange

All or a portion of the Classes of REMIC Securities specified on the front cover may be exchanged for a proportionate interest in the related MX Class or Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class or Classes may be exchanged for proportionate interests in the related Class or Classes of REMIC Securities and, in the case of Combinations 3, 4 and 5, other related MX Classes. This process may occur repeatedly.

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

In the case of Combinations 3, 4 and 5, the related REMIC Securities may be exchanged for proportionate interests in various subcombinations of MX Classes. Similarly, all or a portion of these MX Classes may be exchanged for proportionate interests in the related REMIC Securities or in other subcombinations of the related MX Classes. Each subcombination may be effected only in proportions that result in the principal and interest entitlements of the Securities received being equal to the entitlements of the Securities surrendered. *See the example under "Description of the Securities — Modification and Exchange" in the Base Offering Circular.*

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner's Book-Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business Day other than the last Business Day of the month. The notice must contain the outstanding principal and notional balances of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee by email to USBGNMATeam@USBank.com or in writing at its Corporate Trust Office at U.S. Bank National Association, One Federal Street, 3rd Floor, Boston, MA 02110, Attention: Ginnie Mae Program Agency Group 2016-156. The Trustee may be contacted by telephone at (617) 603-6451 and by fax at (617) 603-6644.

A fee will be payable to the Trustee in connection with each exchange equal to $\frac{1}{32}$ of 1% of the outstanding principal balance of the Securities surrendered for exchange (but not less than \$2,000 or more than \$25,000). The fee must be paid concurrently with the exchange.

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

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

YIELD, MATURITY AND PREPAYMENT CONSIDERATIONS

General

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

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

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

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

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

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

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

Accretion Directed Classes

Classes AP, AZ, EA, KA, KZ, LP, PA, PB, PC, PF, VA, VB and ZC are Accretion Directed Classes. The related Accrual Amounts will be applied to making principal distributions on those Classes as described in this Supplement. Each of Classes AI, KI and PS is a Notional Class whose Class Notional Balance is determined by reference to the Class Principal Balance of the related Accretion Directed Class shown under “Terms Sheet — Notional Classes” in this Supplement.

Each of the Accretion Directed Classes has the AD designation in the suffix position, rather than the prefix position, in its class principal type because it does not have principal payment stability through the applicable pricing prepayment assumption. Class VA will have principal payment stability only through the prepayment rate shown in the table below and within its Effective Range. The remaining Accretion Directed Classes are not listed in the table below because, although they are entitled to receive payments from the related Accrual Amounts, they do not have principal payment stability

through any prepayment rate significantly higher than 0% PSA, except within their Effective Ranges.

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

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

Accretion Directed Class			
Class	Maximum Weighted Average Life (in years)⁽¹⁾	Final Distribution Date	Prepayment Rate at or below
VA	7.5	December 2030	52% PSA

⁽¹⁾ The maximum Weighted Average Life for Class VA is based on the Modeling Assumptions and the assumption that the Mortgage Loans prepay at any constant rate at or below the rate shown in the table for such Class. That Weighted Average Life could extend, perhaps significantly, under certain non-constant prepayment scenarios or if the actual Mortgage Loan characteristics differ from the Modeling Assumptions.

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

Securities that Receive Principal on the Basis of Schedules

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

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

	<u>Initial Effective Ranges</u>
PAC Classes	
AP, AZ, VA and VB (in the aggregate)	145% PSA through 250% PSA
EA	120% PSA through 180% PSA
KA and KZ (in the aggregate)	175% PSA through 240% PSA
LP	150% PSA through 250% PSA
PA	460% PSA through 660% PSA
PB, PC and PF (in the aggregate)	145% PSA through 220% PSA
Scheduled Class	
ZC	300% PSA through 307% PSA

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

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

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

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

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

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

Assumability

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

Final Distribution Date

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

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

Modeling Assumptions

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

1. The Mortgage Loans underlying the Trust Assets have the assumed characteristics shown under “Assumed Characteristics of the Mortgage Loans Underlying the Trust Assets” in the Terms Sheet, except in the case of information set forth under the 0% PSA Prepayment Assumption Rate, for which each Mortgage Loan is assumed to have an original and a remaining term to maturity of 360 months and a Mortgage Rate of 1.50% per annum higher than the related Certificate Rate.

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

3. Distributions on the Securities are always received on the 20th day of the month, whether or not a Business Day, commencing in December 2016.

4. A termination of the Trust does not occur.

5. The Closing Date for the Securities is November 30, 2016.

6. No expenses or fees are paid by the Trust other than the Trustee Fee, which is paid as described under “The Trust Assets — The Trustee Fee” in this Supplement.

7. Each Class is held from the Closing Date and is not exchanged in whole or in part.

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

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

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

Decrement Tables

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

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

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

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

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

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

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

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

Security Group 1 PSA Prepayment Assumption Rates																				
Distribution Date	Class PB					Class PC					Classes PF and PS					Class Z				
	0%	145%	190%	220%	400%	0%	145%	190%	220%	400%	0%	145%	190%	220%	400%	0%	145%	190%	220%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2017	100	100	100	100	100	98	94	94	94	94	98	94	94	94	94	104	104	94	88	51
November 2018	100	100	100	100	100	95	83	83	83	78	96	85	85	85	80	107	107	80	63	0
November 2019	100	100	100	100	100	93	72	72	72	56	94	74	74	74	59	111	111	65	35	0
November 2020	100	100	100	100	100	90	61	61	61	39	91	64	64	64	44	115	115	55	17	0
November 2021	100	100	100	100	100	88	51	51	51	26	89	55	55	55	32	119	119	49	6	0
November 2022	100	100	100	100	100	85	42	42	42	17	86	47	47	47	24	123	123	47	1	0
November 2023	100	100	100	100	100	82	34	34	34	10	83	40	40	40	17	128	127	47	0	0
November 2024	100	100	100	100	100	79	27	27	27	4	80	33	33	33	13	132	129	47	0	0
November 2025	100	100	100	100	100	75	21	21	21	0	77	28	28	28	9	137	127	45	0	0
November 2026	100	100	100	100	77	72	16	16	16	0	74	23	23	23	7	142	123	43	0	0
November 2027	100	100	100	100	56	68	12	12	12	0	71	19	19	19	5	147	118	41	0	0
November 2028	100	100	100	100	41	64	8	8	8	0	68	16	16	16	4	152	111	38	0	0
November 2029	100	100	100	100	30	60	5	5	5	0	64	13	13	13	3	158	104	35	0	0
November 2030	100	100	100	100	22	56	2	2	2	0	60	11	11	11	2	163	96	31	0	0
November 2031	100	100	100	100	16	52	0	0	0	0	56	9	9	9	1	169	88	28	0	0
November 2032	100	83	83	83	11	47	0	0	0	0	52	7	7	7	1	175	79	25	0	0
November 2033	100	68	68	68	8	43	0	0	0	0	47	6	6	6	1	181	71	22	0	0
November 2034	100	55	55	55	6	38	0	0	0	0	43	5	5	5	0	188	63	19	0	0
November 2035	100	45	45	45	4	32	0	0	0	0	38	4	4	4	0	194	56	17	0	0
November 2036	100	36	36	36	3	27	0	0	0	0	33	3	3	3	0	201	48	14	0	0
November 2037	100	28	28	28	2	21	0	0	0	0	28	2	2	2	0	208	41	12	0	0
November 2038	100	22	22	22	1	15	0	0	0	0	22	2	2	2	0	216	35	10	0	0
November 2039	100	17	17	17	1	8	0	0	0	0	16	1	1	1	0	223	29	8	0	0
November 2040	100	13	13	13	1	2	0	0	0	0	10	1	1	1	0	231	23	6	0	0
November 2041	49	9	9	9	0	0	0	0	0	0	4	1	1	1	0	240	18	5	0	0
November 2042	6	6	6	6	0	0	0	0	0	0	1	1	1	1	0	244	13	3	0	0
November 2043	4	4	4	4	0	0	0	0	0	0	0	0	0	0	0	173	9	2	0	0
November 2044	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	119	5	1	0	0
November 2045	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	61	1	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	25.1	19.4	19.4	19.4	12.3	14.4	5.8	5.8	5.8	3.7	15.3	7.0	7.0	7.0	4.5	27.9	18.3	9.4	2.6	1.0

Security Group 2 PSA Prepayment Assumption Rates																				
Distribution Date	Class AB					Classes AI and AP					Class AZ					Class V				
	0%	145%	200%	250%	400%	0%	145%	200%	250%	400%	0%	145%	200%	250%	400%	0%	145%	200%	250%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2017	100	100	100	100	100	97	92	92	92	92	103	103	103	103	103	97	97	97	97	97
November 2018	100	100	100	100	100	94	80	80	80	80	106	106	106	106	106	94	94	94	94	94
November 2019	100	100	100	100	100	90	65	65	65	53	109	109	109	109	109	91	91	91	91	91
November 2020	100	100	100	100	100	86	51	51	51	30	113	113	113	113	113	87	87	87	87	87
November 2021	100	100	100	100	100	83	38	38	38	13	116	116	116	116	116	84	84	84	84	84
November 2022	100	100	100	100	100	79	26	26	26	1	120	120	120	120	120	80	80	80	80	80
November 2023	100	100	100	100	76	75	16	16	16	0	123	123	123	123	123	77	77	77	77	28
November 2024	100	100	100	100	56	70	7	7	7	0	127	127	127	127	112	73	73	73	73	0
November 2025	100	99	99	99	41	66	0	0	0	0	131	131	131	131	82	69	67	67	67	0
November 2026	100	81	81	81	30	61	0	0	0	0	135	135	135	135	60	65	28	28	28	0
November 2027	100	67	67	67	22	57	0	0	0	0	139	133	133	133	44	61	0	0	0	0
November 2028	100	54	54	54	16	52	0	0	0	0	143	109	109	109	32	57	0	0	0	0
November 2029	100	44	44	44	12	46	0	0	0	0	148	89	89	89	24	52	0	0	0	0
November 2030	100	36	36	36	9	41	0	0	0	0	152	72	72	72	17	48	0	0	0	0
November 2031	100	29	29	29	6	35	0	0	0	0	157	58	58	58	12	43	0	0	0	0
November 2032	100	23	23	23	4	29	0	0	0	0	162	47	47	47	9	38	0	0	0	0
November 2033	100	19	19	19	3	23	0	0	0	0	166	37	37	37	6	34	0	0	0	0
November 2034	100	15	15	15	2	16	0	0	0	0	171	30	30	30	5	29	0	0	0	0
November 2035	100	12	12	12	2	10	0	0	0	0	177	24	24	24	3	23	0	0	0	0
November 2036	100	9	9	9	1	3	0	0	0	0	182	18	18	18	2	18	0	0	0	0
November 2037	86	7	7	7	1	0	0	0	0	0	172	14	14	14	2	0	0	0	0	0
November 2038	64	5	5	5	1	0	0	0	0	0	127	11	11	11	1	0	0	0	0	0
November 2039	40	4	4	4	0	0	0	0	0	0	81	8	8	8	1	0	0	0	0	0
November 2040	16	3	3	3	0	0	0	0	0	0	32	6	6	6	0	0	0	0	0	0
November 2041	2	2	2	2	0	0	0	0	0	0	4	4	4	4	0	0	0	0	0	0
November 2042	1	1	1	1	0	0	0	0	0	0	3	3	3	3	0	0	0	0	0	0
November 2043	1	1	1	1	0	0	0	0	0	0	2	2	2	2	0	0	0	0	0	0
November 2044	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	22.6	13.6	13.6	13.6	9.3	11.6	4.3	4.3	4.3	3.2	22.8	15.3	15.3	15.3	10.8	12.7	8.3	8.3	8.3	6.1

**Security Group 2
PSA Prepayment Assumption Rates**

Distribution Date	Class VA					Class VB					Class ZC					Class ZD				
	0%	145%	200%	250%	400%	0%	145%	200%	250%	400%	0%	145%	200%	250%	400%	0%	145%	200%	250%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
November 2017	94	94	94	94	94	100	100	100	100	100	103	103	96	90	75	103	103	103	103	0
November 2018	88	88	88	88	88	100	100	100	100	100	106	106	84	64	10	106	106	106	106	0
November 2019	82	82	82	82	82	100	100	100	100	100	109	109	69	34	0	109	109	109	109	0
November 2020	76	76	76	76	76	100	100	100	100	100	113	113	59	13	0	113	113	113	113	0
November 2021	69	69	69	69	69	100	100	100	100	100	116	116	53	1	0	116	116	116	116	0
November 2022	62	62	62	62	62	100	100	100	100	100	120	120	50	0	0	120	120	120	16	0
November 2023	55	55	55	55	0	100	100	100	100	59	123	123	50	0	0	123	123	123	0	0
November 2024	48	48	48	48	0	100	100	100	100	0	127	123	49	0	0	127	127	127	0	0
November 2025	41	38	38	38	0	100	100	100	100	0	131	120	46	0	0	131	131	131	0	0
November 2026	33	0	0	0	0	100	58	58	58	0	135	115	43	0	0	135	135	135	0	0
November 2027	25	0	0	0	0	100	0	0	0	0	139	109	39	0	0	139	139	139	0	0
November 2028	17	0	0	0	0	100	0	0	0	0	143	101	35	0	0	143	143	143	0	0
November 2029	9	0	0	0	0	100	0	0	0	0	148	93	31	0	0	148	148	148	0	0
November 2030	0	0	0	0	0	100	0	0	0	0	152	85	27	0	0	152	152	152	0	0
November 2031	0	0	0	0	0	91	0	0	0	0	157	76	23	0	0	157	157	157	0	0
November 2032	0	0	0	0	0	81	0	0	0	0	162	67	19	0	0	162	162	162	0	0
November 2033	0	0	0	0	0	70	0	0	0	0	166	59	15	0	0	166	166	166	0	0
November 2034	0	0	0	0	0	60	0	0	0	0	171	51	12	0	0	171	171	171	0	0
November 2035	0	0	0	0	0	49	0	0	0	0	177	43	9	0	0	177	177	177	0	0
November 2036	0	0	0	0	0	38	0	0	0	0	182	36	6	0	0	182	182	182	0	0
November 2037	0	0	0	0	0	0	0	0	0	0	188	29	3	0	0	188	188	188	0	0
November 2038	0	0	0	0	0	0	0	0	0	0	193	23	1	0	0	193	193	193	0	0
November 2039	0	0	0	0	0	0	0	0	0	0	199	17	0	0	0	199	199	168	0	0
November 2040	0	0	0	0	0	0	0	0	0	0	205	11	0	0	0	205	205	132	0	0
November 2041	0	0	0	0	0	0	0	0	0	0	193	6	0	0	0	212	212	100	0	0
November 2042	0	0	0	0	0	0	0	0	0	0	156	2	0	0	0	218	218	72	0	0
November 2043	0	0	0	0	0	0	0	0	0	0	117	0	0	0	0	225	177	48	0	0
November 2044	0	0	0	0	0	0	0	0	0	0	76	0	0	0	0	231	104	27	0	0
November 2045	0	0	0	0	0	0	0	0	0	0	34	0	0	0	0	238	39	10	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																				
Life (years)	7.5	6.6	6.6	6.6	5.1	18.4	10.1	10.1	10.1	7.1	27.3	17.0	8.7	2.5	1.4	29.9	28.0	25.4	5.6	0.3

**Security Group 3
PSA Prepayment Assumption Rates**

Distribution Date	Classes PA, PD, PE, PG, PH, PI, PJ, PK, PL, PM, PN, PQ, PY, QA, QC, QD, QE, QG, QH, QI, QJ, QK, QL, QM, QN and QP						Class ZM					
	0%	100%	460%	550%	660%	1,100%	0%	100%	460%	550%	660%	1,100%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	
November 2017	97	95	87	87	87	87	104	104	104	96	87	50
November 2018	94	87	63	63	63	53	107	107	107	85	60	0
November 2019	91	77	36	36	36	18	111	111	111	78	42	0
November 2020	88	67	17	17	17	6	115	115	112	78	42	0
November 2021	85	58	5	5	5	2	119	119	106	74	44	0
November 2022	81	50	0	0	0	1	123	123	89	61	37	0
November 2023	78	42	0	0	0	0	128	128	63	40	22	0
November 2024	74	34	0	0	0	0	132	132	44	26	13	0
November 2025	70	27	0	0	0	0	137	137	31	17	8	0
November 2026	66	20	0	0	0	0	142	142	22	11	4	0
November 2027	61	14	0	0	0	0	147	147	15	7	3	0
November 2028	57	7	0	0	0	0	152	152	11	5	1	0
November 2029	52	1	0	0	0	0	158	158	7	3	1	0
November 2030	47	0	0	0	0	0	163	147	5	2	1	0
November 2031	42	0	0	0	0	0	169	132	4	1	0	0
November 2032	36	0	0	0	0	0	175	117	2	1	0	0
November 2033	31	0	0	0	0	0	181	104	2	0	0	0
November 2034	25	0	0	0	0	0	188	92	1	0	0	0
November 2035	18	0	0	0	0	0	194	81	1	0	0	0
November 2036	12	0	0	0	0	0	201	70	1	0	0	0
November 2037	5	0	0	0	0	0	208	60	0	0	0	0
November 2038	0	0	0	0	0	0	207	51	0	0	0	0
November 2039	0	0	0	0	0	0	185	43	0	0	0	0
November 2040	0	0	0	0	0	0	162	35	0	0	0	0
November 2041	0	0	0	0	0	0	139	28	0	0	0	0
November 2042	0	0	0	0	0	0	114	21	0	0	0	0
November 2043	0	0	0	0	0	0	87	15	0	0	0	0
November 2044	0	0	0	0	0	0	60	9	0	0	0	0
November 2045	0	0	0	0	0	0	31	4	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)	12.6	6.3	2.6	2.6	2.6	2.2	26.1	19.9	8.1	6.4	4.2	1.0

**Security Group 4
PSA Prepayment Assumption Rates**

Distribution Date	Class KA					Class KI					Class KZ					Class ZK					
	0%	175%	205%	240%	500%	0%	175%	205%	240%	500%	0%	175%	205%	240%	500%	0%	175%	205%	240%	500%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
November 2017	98	93	93	93	93	98	93	93	93	93	103	103	103	103	103	104	104	96	87	21	
November 2018	95	81	81	81	69	95	82	82	82	70	106	106	106	106	106	107	107	85	59	0	
November 2019	92	68	68	68	44	93	69	69	69	46	109	109	109	109	109	111	111	74	31	0	
November 2020	90	56	56	56	26	90	57	57	57	29	113	113	113	113	113	115	115	67	13	0	
November 2021	87	45	45	45	14	88	47	47	47	17	116	116	116	116	116	119	119	64	3	0	
November 2022	84	36	36	36	5	85	38	38	38	9	120	120	120	120	120	123	123	64	0	0	
November 2023	80	27	27	27	0	82	30	30	30	4	123	123	123	123	115	128	126	64	0	0	
November 2024	77	20	20	20	0	79	23	23	23	2	127	127	127	127	78	132	125	63	0	0	
November 2025	74	14	14	14	0	75	18	18	18	2	131	131	131	131	53	137	121	61	0	0	
November 2026	70	9	9	9	0	72	13	13	13	1	135	135	135	135	36	142	116	57	0	0	
November 2027	66	4	4	4	0	68	9	9	9	1	139	139	139	139	24	147	109	53	0	0	
November 2028	62	1	1	1	0	64	5	5	5	0	143	143	143	143	16	152	101	49	0	0	
November 2029	58	0	0	0	0	61	4	4	4	0	148	123	123	123	11	158	92	44	0	0	
November 2030	53	0	0	0	0	56	3	3	3	0	152	101	101	101	7	163	84	40	0	0	
November 2031	49	0	0	0	0	52	2	2	2	0	157	82	82	82	5	169	75	35	0	0	
November 2032	44	0	0	0	0	48	2	2	2	0	162	66	66	66	3	175	67	31	0	0	
November 2033	39	0	0	0	0	43	2	2	2	0	166	54	54	54	2	181	59	27	0	0	
November 2034	34	0	0	0	0	38	1	1	1	0	171	43	43	43	1	188	52	23	0	0	
November 2035	28	0	0	0	0	33	1	1	1	0	177	34	34	34	1	194	45	20	0	0	
November 2036	22	0	0	0	0	27	1	1	1	0	182	27	27	27	1	201	38	17	0	0	
November 2037	16	0	0	0	0	21	1	1	1	0	188	21	21	21	0	208	32	14	0	0	
November 2038	10	0	0	0	0	15	0	0	0	0	193	16	16	16	0	216	26	11	0	0	
November 2039	3	0	0	0	0	9	0	0	0	0	199	12	12	12	0	223	21	9	0	0	
November 2040	0	0	0	0	0	5	0	0	0	0	168	9	9	9	0	231	17	7	0	0	
November 2041	0	0	0	0	0	3	0	0	0	0	103	6	6	6	0	240	13	5	0	0	
November 2042	0	0	0	0	0	1	0	0	0	0	36	4	4	4	0	248	9	4	0	0	
November 2043	0	0	0	0	0	0	0	0	0	0	3	3	3	3	0	217	6	2	0	0	
November 2044	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	149	3	1	0	0	
November 2045	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	1	0	0	0	
November 2046	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																					
Life (years)	13.8	5.0	5.0	5.0	3.0	14.5	5.5	5.5	5.5	3.2	25.1	16.7	16.7	16.7	9.4	28.3	17.1	11.3	2.5	0.7	

**Security Group 5
PSA Prepayment Assumption Rates**

Distribution Date	Classes LA, IC, LD, LE, LG, IH, IL, IJ, IK, LM, LN, IP and IQ					Class ZL				
	0%	150%	200%	250%	400%	0%	150%	200%	250%	400%
Initial Percent	100	100	100	100	100	100	100	100	100	100
November 2017	98	94	94	94	94	104	104	95	86	59
November 2018	96	83	83	83	81	108	108	83	58	0
November 2019	93	72	72	72	61	113	113	71	30	0
November 2020	91	62	62	62	45	117	117	63	13	0
November 2021	88	53	53	53	34	122	122	59	3	0
November 2022	85	44	44	44	25	127	127	59	0	0
November 2023	83	36	36	36	18	132	130	60	0	0
November 2024	79	30	30	30	14	138	130	58	0	0
November 2025	76	25	25	25	10	143	127	56	0	0
November 2026	73	20	20	20	7	149	122	53	0	0
November 2027	69	17	17	17	5	155	116	49	0	0
November 2028	66	14	14	14	4	161	108	45	0	0
November 2029	62	11	11	11	3	168	100	41	0	0
November 2030	58	9	9	9	2	175	92	37	0	0
November 2031	53	7	7	7	2	182	83	32	0	0
November 2032	49	6	6	6	1	189	75	29	0	0
November 2033	44	5	5	5	1	197	67	25	0	0
November 2034	39	4	4	4	1	205	59	21	0	0
November 2035	33	3	3	3	0	214	51	18	0	0
November 2036	28	2	2	2	0	222	44	15	0	0
November 2037	22	2	2	2	0	231	38	13	0	0
November 2038	16	1	1	1	0	241	31	11	0	0
November 2039	9	1	1	1	0	251	26	8	0	0
November 2040	2	1	1	1	0	261	21	7	0	0
November 2041	1	1	1	1	0	231	16	5	0	0
November 2042	0	0	0	0	0	191	12	4	0	0
November 2043	0	0	0	0	0	147	8	2	0	0
November 2044	0	0	0	0	0	101	4	1	0	0
November 2045	0	0	0	0	0	52	1	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0
Weighted Average										
Life (years)	14.6	6.6	6.6	6.6	4.6	27.3	17.7	10.7	2.4	1.1

**Security Group 6
PSA Prepayment Assumption Rates**

Distribution Date	Classes E, EA, EC, ED, EG, EH, EI, EJ, EK, EL, EM, EN, EP, EQ, EY, GA, GC, GD and GE					Class ZE				
	0%	120%	150%	180%	400%	0%	120%	150%	180%	400%
	Initial Percent	100	100	100	100	100	100	100	100	100
November 2017	98	95	95	95	95	104	104	97	90	39
November 2018	96	87	87	87	79	107	107	87	67	0
November 2019	94	78	78	78	59	111	111	76	41	0
November 2020	92	69	69	69	44	115	115	68	23	0
November 2021	89	61	61	61	33	119	119	63	10	0
November 2022	87	54	54	54	24	123	123	61	3	0
November 2023	84	47	47	47	18	128	128	61	0	0
November 2024	81	41	41	41	13	132	131	62	0	0
November 2025	78	35	35	35	10	137	133	62	0	0
November 2026	75	30	30	30	7	142	131	60	0	0
November 2027	72	26	26	26	5	147	128	58	0	0
November 2028	69	22	22	22	4	152	123	56	0	0
November 2029	65	19	19	19	3	158	118	52	0	0
November 2030	62	16	16	16	2	163	111	49	0	0
November 2031	58	14	14	14	1	169	104	45	0	0
November 2032	54	12	12	12	1	175	96	41	0	0
November 2033	50	10	10	10	1	181	88	37	0	0
November 2034	45	8	8	8	1	188	80	34	0	0
November 2035	40	7	7	7	0	194	71	30	0	0
November 2036	36	6	6	6	0	201	63	26	0	0
November 2037	30	5	5	5	0	208	55	22	0	0
November 2038	25	4	4	4	0	216	48	19	0	0
November 2039	20	3	3	3	0	223	40	16	0	0
November 2040	14	2	2	2	0	231	33	13	0	0
November 2041	7	2	2	2	0	240	26	10	0	0
November 2042	1	1	1	1	0	246	19	7	0	0
November 2043	1	1	1	1	0	190	13	5	0	0
November 2044	0	0	0	0	0	131	8	3	0	0
November 2045	0	0	0	0	0	68	2	1	0	0
November 2046	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	15.7	8.0	8.0	8.0	4.5	28.1	19.8	12.6	2.9	0.8

**Security Groups 1, 4 and 6
PSA Prepayment Assumption Rates**

Distribution Date	Class ZG											
	0%	120%	145%	150%	175%	180%	190%	205%	220%	240%	400%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
November 2017	104	104	103	102	99	98	95	92	89	84	48	25
November 2018	107	107	105	103	93	90	83	74	64	51	0	0
November 2019	111	111	107	103	87	81	70	54	38	19	0	0
November 2020	115	115	109	105	83	76	62	42	25	5	0	0
November 2021	119	119	112	107	82	74	58	37	17	1	0	0
November 2022	123	123	116	110	82	73	57	35	14	0	0	0
November 2023	128	128	119	113	84	74	58	35	14	0	0	0
November 2024	132	132	122	116	83	74	58	35	13	0	0	0
November 2025	137	136	123	117	81	71	56	33	13	0	0	0
November 2026	142	140	123	116	77	68	53	31	12	0	0	0
November 2027	147	144	122	116	73	64	50	29	11	0	0	0
November 2028	152	148	120	114	68	59	46	27	10	0	0	0
November 2029	158	150	116	106	62	55	42	24	9	0	0	0
November 2030	163	146	107	98	57	50	38	22	8	0	0	0
November 2031	169	142	98	89	51	45	34	20	7	0	0	0
November 2032	175	135	89	81	46	40	30	17	6	0	0	0
November 2033	181	122	79	72	40	35	26	15	5	0	0	0
November 2034	188	109	70	64	35	31	23	13	5	0	0	0
November 2035	194	97	62	56	31	26	20	11	4	0	0	0
November 2036	201	85	54	48	26	23	17	9	3	0	0	0
November 2037	208	74	46	41	22	19	14	8	3	0	0	0
November 2038	216	63	39	35	18	16	12	6	2	0	0	0
November 2039	223	52	32	28	15	13	9	5	2	0	0	0
November 2040	231	43	26	23	12	10	7	4	1	0	0	0
November 2041	240	33	20	18	9	8	6	3	1	0	0	0
November 2042	256	25	15	13	7	6	4	2	1	0	0	0
November 2043	192	17	10	9	4	4	3	1	0	0	0	0
November 2044	132	9	5	5	2	2	1	1	0	0	0	0
November 2045	68	3	2	1	1	1	0	0	0	0	0	0
November 2046	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)	28.1	21.2	19.5	19.2	14.7	13.3	10.8	7.4	4.3	2.1	0.9	0.7

Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any Regular or MX Class based on the anticipated yield of that Class resulting from its purchase price, the investor's own projection of Mortgage Loan prepayment rates under a variety of scenarios, and, in the case of a Floating Rate or an Inverse Floating Rate Class, the investor's own projection of levels of LIBOR under a variety of scenarios. **No representation is made regarding Mortgage Loan prepayment rates, LIBOR levels or the yield of any Class.**

Prepayments: Effect on Yields

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

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

See “Risk Factors — Rates of principal payments can reduce your yield” in this Supplement.

Rapid rates of prepayments on the Mortgage Loans are likely to coincide with periods of low prevailing interest rates.

During periods of low prevailing interest rates, the yields at which an investor may be able to reinvest amounts received as principal payments on the investor's Class of Securities may be lower than the yield on that Class.

Slow rates of prepayments on the Mortgage Loans are likely to coincide with periods of high prevailing interest rates.

During periods of high prevailing interest rates, the amount of principal payments available to an investor for reinvestment at those high rates may be relatively low.

The Mortgage Loans will not prepay at any constant rate until maturity, nor will all of the Mortgage Loans underlying any Trust Asset Group prepay at the same rate at any one time. The timing of changes in the rate of prepayments may affect the actual yield to an investor, even if the average rate of principal prepayments is consistent with the investor's expectation. In general, the earlier a prepayment of principal on the Mortgage Loans, the greater the effect on an investor's yield. As a result, the effect on an investor's yield of principal prepayments occurring at a rate higher (or lower) than the rate anticipated by the investor during the period immediately following the Closing Date is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

LIBOR: Effect on Yields of the Floating Rate and Inverse Floating Rate Classes

Low levels of LIBOR can reduce the yield of the Floating Rate Class. High levels of LIBOR can significantly reduce the yield of the Inverse Floating Rate Class. In addition, the Floating Rate Class will not necessarily benefit from a higher yield at high levels of LIBOR because the rate on such Class is capped at a maximum rate described under “Terms Sheet — Interest Rates.”

Payment Delay: Effect on Yields of the Fixed Rate Classes

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

Yield Tables

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

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

The yields were calculated by

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

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

The information set forth in the following tables was prepared on the basis of the Modeling Assumptions and the assumptions that (1) the Interest Rate applicable to the Inverse Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of LIBOR and (2) 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 PS to Prepayments
Assumed Price 23.75%***

<u>LIBOR</u>	<u>PSA Prepayment Assumption Rates</u>			
	<u>145%</u>	<u>190%</u>	<u>220%</u>	<u>400%</u>
0.1000%	13.2%	13.2%	13.2%	3.8%
0.5310%	11.0%	11.0%	11.0%	1.5%
3.3155%	(3.3)%	(3.3)%	(3.3)%	(13.8)%
6.1000% and above	**	**	**	**

SECURITY GROUP 2

**Sensitivity of Class AI to Prepayments
Assumed Price 9.0%***

<u>PSA Prepayment Assumption Rates</u>				
<u>145%</u>	<u>200%</u>	<u>250%</u>	<u>400%</u>	<u>430%</u>
13.5%	13.5%	13.5%	2.5%	0.0%

SECURITY GROUP 3

**Sensitivity of Class PI to Prepayments
Assumed Price 10.75%***

<u>PSA Prepayment Assumption Rates</u>					
<u>100%</u>	<u>334%</u>	<u>460%</u>	<u>550%</u>	<u>660%</u>	<u>1,100%</u>
21.6%	0.1%	(10.5)%	(10.5)%	(10.5)%	(21.4)%

SECURITY GROUP 4

**Sensitivity of Class KI to Prepayments
Assumed Price 16.75%***

<u>PSA Prepayment Assumption Rates</u>				
<u>175%</u>	<u>205%</u>	<u>240%</u>	<u>294%</u>	<u>500%</u>
3.4%	3.4%	3.4%	0.0%	(14.4)%

SECURITY GROUP 5

**Sensitivity of Class LI to Prepayments
Assumed Price 20.0%***

<u>PSA Prepayment Assumption Rates</u>				
<u>150%</u>	<u>200%</u>	<u>250%</u>	<u>355%</u>	<u>400%</u>
5.5%	5.5%	5.5%	0.0%	(2.6)%

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

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

SECURITY GROUP 6

Sensitivity of Class EI to Prepayments Assumed Price 19.75%*

PSA Prepayment Assumption Rates				
<u>120%</u>	<u>150%</u>	<u>180%</u>	<u>298%</u>	<u>400%</u>
6.3%	6.3%	6.3%	0.0%	(5.9)%

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

CERTAIN UNITED STATES FEDERAL INCOME TAX CONSEQUENCES

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

REMIC Elections

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

Regular Securities

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

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

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

<u>Group</u>	<u>PSA</u>
1	190%
2 and 5	200%
3	550%
4	205%
6	150%

In the case of the Class PF Securities, the interest rate value to be used for these determinations is the initial Interest Rate as set forth in the Terms Sheet under “Interest Rates.” No representation is made,

however, about the rate at which prepayments on the Mortgage Loans underlying any Group of Trust Assets actually will occur or the level of LIBOR at any time after the date of this Supplement. See *“Certain United States Federal Income Tax Consequences” in the Base Offering Circular.*

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

Residual Securities

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

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

Tax Audit Procedures

The Bipartisan Budget Act of 2015, which was enacted on November 2, 2015, repeals and replaces the rules applicable to certain administrative and judicial proceedings regarding a Trust REMIC’s tax affairs, effective beginning with the 2018 taxable year. Under the new rules, a partnership, including for this purpose a REMIC, appoints one person to act as its sole representative in connection with IRS audits and related procedures. In the case of a REMIC, the representative’s actions, including the representative’s agreeing to adjustments to taxable income, will bind Residual Holders to a greater degree than would actions of the tax matters person (“TMP”) under current rules. See *“Certain United States Federal Income Tax Consequences — Reporting and Tax Administration”* in the Base Offering Circular for a discussion of the TMP. Further, an adjustment to the REMIC’s taxable income following an IRS audit may have to be taken into account by those holders in the year in which the adjustment is made rather than in the year to which the adjustment relates and otherwise may have to be taken into account in different and potentially less advantageous ways than under current rules. In some cases, a REMIC could itself be liable for taxes on income adjustments, although it is anticipated that each Trust REMIC will

seek to follow procedures in the new rules to avoid entity-level liability to the extent it otherwise may be imposed. The new rules are complex and likely will be clarified and possibly revised before going into effect. Residual Holders should discuss with their own tax advisors the possible effect of the new rules on them.

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.

Foreign Account Tax Compliance Act

As discussed in the Base Offering Circular under “*Certain United States Federal Income Tax Consequences — Taxation of Foreign Holders of REMIC Securities and MX Securities — Regular Securities and MX Securities*,” FATCA and related administrative guidance impose a 30% United States withholding tax on certain payments, which include interest payments in respect of Regular and MX Securities and gross proceeds, including the return of principal, from the sale or other disposition, including redemptions, of Regular and MX Securities. The effective date of the withholding tax on certain payments, which include interest payments, was July 1, 2014, and the effective date of the withholding tax on gross proceeds, including the return of principal, from the sale or other disposition, including redemptions, has been extended to January 1, 2019.

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.

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. Fiduciaries of any such plans should consult with their counsel before purchasing any of the Securities.

Prospective Plan Investors should consult with their advisors, however, 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.

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) November 1, 2016 on the Fixed Rate Classes and (2) November 20, 2016 on the Floating Rate and Inverse Floating Rate Classes. The Sponsor may effect these transactions by sales to or through certain securities dealers. These dealers may receive compensation in the form of discounts, concessions or commissions from the Sponsor and/or commissions from any purchasers for which they act as agents. Some of the Securities may be sold through dealers in relatively small sales. In the usual case, the commission charged on a relatively small sale of securities will be a higher percentage of the sales price than that charged on a large sale of securities.

INCREASE IN SIZE

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

LEGAL MATTERS

Certain legal matters will be passed upon for Ginnie Mae by Sidley Austin LLP and the Law Offices of Joseph C. Reid, P.A., for the Trust by Cleary Gottlieb Steen & Hamilton LLP and Marcell Solomon & Associates, P.C., and for the Trustee by Nixon Peabody LLP.

Schedule I

Available Combinations(1)

Class	REMIC Securities		MX Securities					
	Original Class Principal Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 2								
Combination 1								
VA	\$ 5,879,850	V	\$ 11,237,753	PAC/AD	3.00%	FIX	38380BE35	January 2040
VB	5,357,903							
Combination 2								
AZ	\$ 11,237,752	AB	\$ 22,475,505	PAC/AD	3.00%	FIX	38380BE43	November 2046
VA	5,879,850							
VB	5,357,903							

REMIC Securities

MX Securities

Class	REMIC Securities		MX Securities					
	Original Class Principal Balance	Related MX Class	Maximum Original Class Principal or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 3 Combination 3(5) PA	\$143,068,273	PD	\$143,068,273	PAC/AD	1.20%	FIX	38380BE50	November 2046
		PE	143,068,273	PAC/AD	1.25	FIX	38380BE68	November 2046
		PG	143,068,273	PAC/AD	1.30	FIX	38380BE76	November 2046
		PH	143,068,273	PAC/AD	1.35	FIX	38380BE84	November 2046
		PI	102,191,623	NTL(PAC/AD)	3.50	FIX/IO	38380BE92	November 2046
		PJ	143,068,273	PAC/AD	1.40	FIX	38380BF26	November 2046
		PK	143,068,273	PAC/AD	1.45	FIX	38380BF34	November 2046
		PL	143,068,273	PAC/AD	1.50	FIX	38380BF42	November 2046
		PM	143,068,273	PAC/AD	1.00	FIX	38380BF59	November 2046
		PN	143,068,273	PAC/AD	1.05	FIX	38380BF67	November 2046
		PQ	143,068,273	PAC/AD	1.10	FIX	38380BF75	November 2046
		PY	143,068,273	PAC/AD	1.15	FIX	38380BF83	November 2046
		QA	143,068,273	PAC/AD	1.55	FIX	38380BF91	November 2046
		QC	143,068,273	PAC/AD	1.60	FIX	38380BG25	November 2046
		QD	143,068,273	PAC/AD	1.65	FIX	38380BG33	November 2046
		QE	143,068,273	PAC/AD	1.70	FIX	38380BG41	November 2046
	QG	143,068,273	PAC/AD	1.75	FIX	38380BG58	November 2046	
	QH	143,068,273	PAC/AD	1.80	FIX	38380BG66	November 2046	
	QJ	143,068,273	PAC/AD	1.85	FIX	38380BG74	November 2046	
	QK	143,068,273	PAC/AD	1.90	FIX	38380BG82	November 2046	
	QL	143,068,273	PAC/AD	1.95	FIX	38380BG90	November 2046	
	QM	143,068,273	PAC/AD	2.00	FIX	38380BH24	November 2046	
	QN	143,068,273	PAC/AD	2.25	FIX	38380BH32	November 2046	
	QP	143,068,273	PAC/AD	2.50	FIX	38380BH40	November 2046	

REMIC Securities

MX Securities

Class	Original Class Principal Balance	Related MX Class	Maximum Original Class Principal Balance or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 5 Combination 4(5) LP	\$155,194,668	LA	\$155,194,668	PAC/AD	1.00%	FIX	38380BH57	November 2046
		LC	155,194,668	PAC/AD	1.25	FIX	38380BH65	November 2046
		LD	155,194,668	PAC/AD	1.50	FIX	38380BH73	November 2046
		LE	155,194,668	PAC/AD	1.75	FIX	38380BH81	November 2046
		LG	155,194,668	PAC/AD	2.00	FIX	38380BH99	November 2046
		LH	155,194,668	PAC/AD	2.25	FIX	38380BJ22	November 2046
		LI	116,396,001	NTL(PAC/AD)	4.00	FIX/IO	38380BJ30	November 2046
		IJ	155,194,668	PAC/AD	2.50	FIX	38380BJ48	November 2046
		LK	155,194,668	PAC/AD	2.75	FIX	38380BJ55	November 2046
		LM	155,194,668	PAC/AD	3.00	FIX	38380BJ63	November 2046
		LN	155,194,668	PAC/AD	3.25	FIX	38380BJ71	November 2046
		LQ	155,194,668	PAC/AD	3.50	FIX	38380BJ89	November 2046

REMIC Securities

MX Securities

Class	Original Class Principal Balance	Related MX Class	Maximum Original Class Principal or Class Notional Balance(2)	Principal Type(3)	Interest Rate	Interest Type(3)	CUSIP Number	Final Distribution Date(4)
Security Group 6								
Combination 5(5)								
EA	\$ 30,000,000	E	\$ 30,000,000	PAC/AD	2.50%	FIX	38380BJ97	November 2046
		EC	30,000,000	PAC/AD	2.25	FIX	38380BK20	November 2046
		ED	30,000,000	PAC/AD	2.20	FIX	38380BK38	November 2046
		EG	30,000,000	PAC/AD	2.15	FIX	38380BK46	November 2046
		EH	30,000,000	PAC/AD	2.10	FIX	38380BK53	November 2046
		EI	17,142,857	NTL(PAC/AD)	3.50	FIX/IO	38380BK61	November 2046
		EJ	30,000,000	PAC/AD	2.05	FIX	38380BK79	November 2046
		EK	30,000,000	PAC/AD	2.00	FIX	38380BK87	November 2046
		EL	30,000,000	PAC/AD	1.95	FIX	38380BK95	November 2046
		EM	30,000,000	PAC/AD	1.90	FIX	38380BL29	November 2046
		EN	30,000,000	PAC/AD	1.85	FIX	38380BL37	November 2046
		EP	30,000,000	PAC/AD	1.80	FIX	38380BL45	November 2046
		EQ	30,000,000	PAC/AD	1.75	FIX	38380BL52	November 2046
		EY	30,000,000	PAC/AD	1.70	FIX	38380BL60	November 2046
		GA	30,000,000	PAC/AD	1.65	FIX	38380BL78	November 2046
		GC	30,000,000	PAC/AD	1.60	FIX	38380BL86	November 2046
		GD	30,000,000	PAC/AD	1.55	FIX	38380BL94	November 2046
		GE	30,000,000	PAC/AD	1.50	FIX	38380BM28	November 2046
Security Groups 1, 4 and 6								
Combination 6(6)								
Z	\$ 9,881,840	ZG	\$ 20,712,122	SUP	3.50%	FIX/Z	38380BM36	November 2046
ZE	2,989,036							
ZK	7,841,246							

-
- (1) All exchanges must comply with minimum denomination restrictions.
 - (2) The amount shown for each MX Class represents the maximum Original Class Principal Balance (or original Class Notional Balance) of that Class, assuming it were to be issued on the Closing Date.
 - (3) As defined under “Class Types” in Appendix I to the Base Offering Circular.
 - (4) See “*Yield, Maturity and Prepayment Considerations — Final Distribution Date*” in this Supplement.
 - (5) In the case of Combinations 3, 4 and 5, various subcombinations are permitted. See “*Description of the Securities — Modification and Exchange*” in the Base Offering Circular for a discussion of subcombinations.
 - (6) Combination 6 is derived from REMIC Classes of separate Security Groups.

SCHEDULED PRINCIPAL BALANCES

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
Initial Balance	\$87,406,351.00	\$87,475,505.00	\$13,380,236.00	\$143,068,273.00
December 2016	87,111,865.19	87,201,890.85	13,335,750.94	142,276,744.72
January 2017	86,793,560.47	86,903,357.81	13,264,956.78	141,344,793.12
February 2017	86,451,579.08	86,580,025.83	13,167,981.85	140,273,016.93
March 2017	86,086,081.00	86,232,033.36	13,045,014.37	139,062,342.91
April 2017	85,697,243.81	85,859,537.29	12,896,302.47	137,714,027.43
May 2017	85,285,262.56	85,462,712.83	12,722,154.10	136,229,656.71
June 2017	84,850,349.65	85,041,753.40	12,522,936.73	134,611,145.84
July 2017	84,392,734.62	84,596,870.46	12,299,076.83	132,860,736.58
August 2017	83,912,663.95	84,128,293.36	12,051,059.25	130,980,993.75
September 2017	83,410,400.88	83,636,269.16	11,779,426.37	128,974,800.45
October 2017	82,886,225.14	83,121,062.37	11,484,777.08	126,845,351.83
November 2017	82,340,432.69	82,582,954.76	11,167,765.60	124,596,147.68
December 2017	81,773,335.44	82,022,245.05	10,829,100.15	122,230,983.66
January 2018	81,185,260.96	81,439,248.69	10,469,541.36	119,753,941.27
February 2018	80,576,552.14	80,834,297.50	10,089,900.59	117,169,376.61
March 2018	79,947,566.86	80,207,739.38	9,691,038.10	114,481,907.85
April 2018	79,298,677.62	79,559,937.96	9,273,860.98	111,696,401.63
May 2018	78,630,271.17	78,891,272.20	8,839,321.01	108,817,958.26
June 2018	77,942,748.09	78,202,136.08	8,388,412.28	105,851,895.87
July 2018	77,236,522.40	77,492,938.10	7,922,168.81	102,803,733.57
August 2018	76,512,021.11	76,764,100.95	7,441,661.88	99,679,173.68
September 2018	75,769,683.78	76,016,061.00	6,947,997.31	96,484,083.03
October 2018	75,009,962.03	75,249,267.88	6,442,312.67	93,224,473.60
November 2018	74,233,319.10	74,464,183.99	5,925,774.27	89,906,482.33
December 2018	73,440,229.31	73,661,284.01	5,399,574.12	86,536,350.45
January 2019	72,631,177.58	72,841,054.39	4,864,926.82	83,120,402.21
February 2019	71,828,533.09	72,003,992.86	4,323,066.30	79,665,023.27
March 2019	71,032,243.80	71,150,607.83	3,775,242.58	76,176,638.76
April 2019	70,242,258.07	70,304,044.76	3,245,470.70	72,782,019.53
May 2019	69,458,524.66	69,464,247.64	2,733,372.95	69,478,558.97
June 2019	68,680,992.73	68,631,160.84	2,238,578.75	66,263,722.13
July 2019	67,909,611.83	67,804,729.22	1,760,724.33	63,135,043.76
August 2019	67,144,331.89	66,984,898.03	1,299,452.77	60,090,126.46
September 2019	66,385,103.25	66,171,612.97	854,413.76	57,126,638.76
October 2019	65,631,876.61	65,364,820.16	425,263.56	54,242,313.36
November 2019	64,884,603.07	64,564,466.15	11,664.84	51,434,945.34
December 2019	64,143,234.09	63,770,497.88	0.00	48,702,390.46
January 2020	63,407,721.52	62,982,862.73	0.00	46,042,563.51
February 2020	62,678,017.57	62,201,508.48	0.00	43,453,436.70
March 2020	61,954,074.83	61,426,383.34	0.00	40,933,038.04
April 2020	61,235,846.25	60,657,435.88	0.00	38,480,322.91
May 2020	60,523,285.15	59,894,615.12	0.00	36,130,230.98
June 2020	59,816,345.20	59,137,870.45	0.00	33,878,394.76

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
July 2020	\$59,114,980.44	\$58,387,151.66	\$ 0.00	\$ 31,720,631.76
August 2020	58,419,145.25	57,642,408.95	0.00	29,652,936.64
September 2020	57,728,794.38	56,903,592.88	0.00	27,671,473.73
October 2020	57,043,882.92	56,170,654.41	0.00	25,772,569.91
November 2020	56,364,366.31	55,443,544.91	0.00	23,952,707.67
December 2020	55,690,200.33	54,722,216.08	0.00	22,208,518.60
January 2021	55,021,341.11	54,006,620.04	0.00	20,536,777.05
February 2021	54,357,745.11	53,296,709.27	0.00	18,934,394.13
March 2021	53,699,369.13	52,592,436.61	0.00	17,398,411.88
April 2021	53,046,170.31	51,893,755.28	0.00	15,925,997.78
May 2021	52,398,106.11	51,200,618.88	0.00	14,514,439.44
June 2021	51,755,134.33	50,512,981.34	0.00	13,161,139.49
July 2021	51,117,213.09	49,830,796.98	0.00	11,863,610.76
August 2021	50,484,300.83	49,154,020.46	0.00	10,619,471.58
September 2021	49,856,356.32	48,482,606.81	0.00	9,426,441.34
October 2021	49,233,338.65	47,816,511.40	0.00	8,282,336.22
November 2021	48,615,207.20	47,155,689.95	0.00	7,185,065.07
December 2021	48,001,921.71	46,500,098.53	0.00	6,132,625.51
January 2022	47,393,442.20	45,849,693.56	0.00	5,123,100.17
February 2022	46,789,728.99	45,204,431.78	0.00	4,154,653.08
March 2022	46,190,742.74	44,564,270.30	0.00	3,225,526.24
April 2022	45,596,444.39	43,929,166.54	0.00	2,334,036.31
May 2022	45,006,795.19	43,299,078.26	0.00	1,478,571.45
June 2022	44,421,756.68	42,673,963.55	0.00	657,588.30
July 2022	43,841,290.71	42,053,780.85	0.00	0.00
August 2022	43,265,359.42	41,438,488.88	0.00	0.00
September 2022	42,693,925.24	40,828,046.73	0.00	0.00
October 2022	42,126,950.89	40,222,413.79	0.00	0.00
November 2022	41,564,399.40	39,621,549.75	0.00	0.00
December 2022	41,006,234.04	39,025,414.66	0.00	0.00
January 2023	40,452,418.41	38,433,968.83	0.00	0.00
February 2023	39,902,916.37	37,847,172.93	0.00	0.00
March 2023	39,357,692.05	37,264,987.90	0.00	0.00
April 2023	38,816,709.88	36,687,375.01	0.00	0.00
May 2023	38,279,934.56	36,114,295.83	0.00	0.00
June 2023	37,747,331.03	35,545,712.21	0.00	0.00
July 2023	37,220,027.75	34,984,247.84	0.00	0.00
August 2023	36,699,629.07	34,431,222.65	0.00	0.00
September 2023	36,186,047.87	33,886,513.68	0.00	0.00
October 2023	35,679,198.13	33,349,999.75	0.00	0.00
November 2023	35,178,994.85	32,821,561.36	0.00	0.00
December 2023	34,685,354.12	32,301,080.77	0.00	0.00
January 2024	34,198,193.04	31,788,441.88	0.00	0.00
February 2024	33,717,429.75	31,283,530.27	0.00	0.00
March 2024	33,242,983.37	30,786,233.15	0.00	0.00
April 2024	32,774,774.05	30,296,439.33	0.00	0.00
May 2024	32,312,722.92	29,814,039.23	0.00	0.00

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
June 2024	\$31,856,752.06	\$29,338,924.81	\$ 0.00	\$ 0.00
July 2024	31,406,784.55	28,870,989.61	0.00	0.00
August 2024	30,962,744.38	28,410,128.65	0.00	0.00
September 2024	30,524,556.51	27,956,238.48	0.00	0.00
October 2024	30,092,146.81	27,509,217.12	0.00	0.00
November 2024	29,665,442.08	27,068,964.06	0.00	0.00
December 2024	29,244,370.01	26,635,380.22	0.00	0.00
January 2025	28,828,859.19	26,208,367.92	0.00	0.00
February 2025	28,418,839.10	25,787,830.92	0.00	0.00
March 2025	28,014,240.07	25,373,674.32	0.00	0.00
April 2025	27,614,993.33	24,965,804.60	0.00	0.00
May 2025	27,221,030.93	24,564,129.57	0.00	0.00
June 2025	26,832,285.76	24,168,558.37	0.00	0.00
July 2025	26,448,691.56	23,779,001.44	0.00	0.00
August 2025	26,070,182.89	23,395,370.49	0.00	0.00
September 2025	25,696,695.09	23,017,578.52	0.00	0.00
October 2025	25,328,164.33	22,645,539.77	0.00	0.00
November 2025	24,964,527.57	22,279,169.69	0.00	0.00
December 2025	24,605,722.54	21,918,384.97	0.00	0.00
January 2026	24,251,687.74	21,563,103.49	0.00	0.00
February 2026	23,902,362.44	21,213,244.30	0.00	0.00
March 2026	23,557,686.67	20,868,727.61	0.00	0.00
April 2026	23,217,601.19	20,529,474.79	0.00	0.00
May 2026	22,882,047.49	20,195,408.34	0.00	0.00
June 2026	22,550,967.81	19,866,451.86	0.00	0.00
July 2026	22,224,305.08	19,542,530.05	0.00	0.00
August 2026	21,902,002.96	19,223,568.71	0.00	0.00
September 2026	21,584,005.80	18,909,494.68	0.00	0.00
October 2026	21,270,258.63	18,600,235.88	0.00	0.00
November 2026	20,960,707.19	18,295,721.25	0.00	0.00
December 2026	20,655,297.86	17,995,880.76	0.00	0.00
January 2027	20,353,977.72	17,700,645.38	0.00	0.00
February 2027	20,056,694.49	17,409,947.08	0.00	0.00
March 2027	19,763,396.53	17,123,718.82	0.00	0.00
April 2027	19,474,032.87	16,841,894.51	0.00	0.00
May 2027	19,188,553.14	16,564,409.00	0.00	0.00
June 2027	18,906,907.64	16,291,198.13	0.00	0.00
July 2027	18,629,047.24	16,022,198.60	0.00	0.00
August 2027	18,354,923.45	15,757,348.07	0.00	0.00
September 2027	18,084,488.38	15,496,585.09	0.00	0.00
October 2027	17,817,694.74	15,239,849.07	0.00	0.00
November 2027	17,554,495.82	14,987,080.34	0.00	0.00
December 2027	17,294,845.49	14,738,220.05	0.00	0.00
January 2028	17,038,698.20	14,493,210.22	0.00	0.00
February 2028	16,786,008.98	14,251,993.70	0.00	0.00
March 2028	16,536,733.39	14,014,514.18	0.00	0.00
April 2028	16,290,827.58	13,780,716.15	0.00	0.00

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
May 2028	\$16,048,248.22	\$13,550,544.90	\$ 0.00	\$ 0.00
June 2028	15,808,952.53	13,323,946.52	0.00	0.00
July 2028	15,572,898.27	13,100,867.87	0.00	0.00
August 2028	15,340,043.71	12,881,256.60	0.00	0.00
September 2028	15,110,347.66	12,665,061.10	0.00	0.00
October 2028	14,883,769.43	12,452,230.49	0.00	0.00
November 2028	14,660,268.85	12,242,714.67	0.00	0.00
December 2028	14,439,806.25	12,036,464.24	0.00	0.00
January 2029	14,222,342.44	11,833,430.50	0.00	0.00
February 2029	14,007,838.74	11,633,565.50	0.00	0.00
March 2029	13,796,256.95	11,436,821.93	0.00	0.00
April 2029	13,587,559.33	11,243,153.22	0.00	0.00
May 2029	13,381,708.63	11,052,513.43	0.00	0.00
June 2029	13,178,668.07	10,864,857.33	0.00	0.00
July 2029	12,978,401.31	10,680,140.30	0.00	0.00
August 2029	12,780,872.48	10,498,318.40	0.00	0.00
September 2029	12,586,046.16	10,319,348.33	0.00	0.00
October 2029	12,393,887.37	10,143,187.39	0.00	0.00
November 2029	12,204,361.55	9,969,793.52	0.00	0.00
December 2029	12,017,434.61	9,799,125.28	0.00	0.00
January 2030	11,833,072.87	9,631,141.82	0.00	0.00
February 2030	11,651,243.05	9,465,802.88	0.00	0.00
March 2030	11,471,912.32	9,303,068.80	0.00	0.00
April 2030	11,295,048.25	9,142,900.47	0.00	0.00
May 2030	11,120,618.82	8,985,259.39	0.00	0.00
June 2030	10,948,592.39	8,830,107.59	0.00	0.00
July 2030	10,778,937.76	8,677,407.65	0.00	0.00
August 2030	10,611,624.08	8,527,122.72	0.00	0.00
September 2030	10,446,620.90	8,379,216.48	0.00	0.00
October 2030	10,283,898.18	8,233,653.11	0.00	0.00
November 2030	10,123,426.21	8,090,397.35	0.00	0.00
December 2030	9,965,175.69	7,949,414.44	0.00	0.00
January 2031	9,809,117.68	7,810,670.13	0.00	0.00
February 2031	9,655,223.60	7,674,130.65	0.00	0.00
March 2031	9,503,465.22	7,539,762.75	0.00	0.00
April 2031	9,353,814.68	7,407,533.66	0.00	0.00
May 2031	9,206,244.47	7,277,411.07	0.00	0.00
June 2031	9,060,727.42	7,149,363.17	0.00	0.00
July 2031	8,917,236.71	7,023,358.60	0.00	0.00
August 2031	8,775,745.84	6,899,366.45	0.00	0.00
September 2031	8,636,228.67	6,777,356.28	0.00	0.00
October 2031	8,498,659.37	6,657,298.08	0.00	0.00
November 2031	8,363,012.45	6,539,162.28	0.00	0.00
December 2031	8,229,262.72	6,422,919.77	0.00	0.00
January 2032	8,097,385.33	6,308,541.83	0.00	0.00
February 2032	7,967,355.73	6,196,000.19	0.00	0.00
March 2032	7,839,149.69	6,085,266.96	0.00	0.00

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
April 2032	\$ 7,712,743.28	\$ 5,976,314.70	\$ 0.00	\$ 0.00
May 2032	7,588,112.87	5,869,116.34	0.00	0.00
June 2032	7,465,235.13	5,763,645.22	0.00	0.00
July 2032	7,344,087.04	5,659,875.07	0.00	0.00
August 2032	7,224,645.85	5,557,780.02	0.00	0.00
September 2032	7,106,889.10	5,457,334.55	0.00	0.00
October 2032	6,990,794.62	5,358,513.53	0.00	0.00
November 2032	6,876,340.53	5,261,292.21	0.00	0.00
December 2032	6,763,505.21	5,165,646.20	0.00	0.00
January 2033	6,652,267.33	5,071,551.44	0.00	0.00
February 2033	6,542,605.80	4,978,984.27	0.00	0.00
March 2033	6,434,499.84	4,887,921.34	0.00	0.00
April 2033	6,327,928.91	4,798,339.67	0.00	0.00
May 2033	6,222,872.72	4,710,216.60	0.00	0.00
June 2033	6,119,311.26	4,623,529.81	0.00	0.00
July 2033	6,017,224.76	4,538,257.31	0.00	0.00
August 2033	5,916,593.70	4,454,377.44	0.00	0.00
September 2033	5,817,398.82	4,371,868.85	0.00	0.00
October 2033	5,719,621.09	4,290,710.52	0.00	0.00
November 2033	5,623,241.74	4,210,881.71	0.00	0.00
December 2033	5,528,242.21	4,132,362.01	0.00	0.00
January 2034	5,434,604.21	4,055,131.31	0.00	0.00
February 2034	5,342,309.65	3,979,169.80	0.00	0.00
March 2034	5,251,340.70	3,904,457.95	0.00	0.00
April 2034	5,161,679.73	3,830,976.53	0.00	0.00
May 2034	5,073,309.36	3,758,706.58	0.00	0.00
June 2034	4,986,212.41	3,687,629.44	0.00	0.00
July 2034	4,900,371.93	3,617,726.71	0.00	0.00
August 2034	4,815,771.18	3,548,980.27	0.00	0.00
September 2034	4,732,393.64	3,481,372.28	0.00	0.00
October 2034	4,650,222.99	3,414,885.14	0.00	0.00
November 2034	4,569,243.14	3,349,501.52	0.00	0.00
December 2034	4,489,438.18	3,285,204.36	0.00	0.00
January 2035	4,410,792.41	3,221,976.84	0.00	0.00
February 2035	4,333,290.34	3,159,802.39	0.00	0.00
March 2035	4,256,916.67	3,098,664.70	0.00	0.00
April 2035	4,181,656.30	3,038,547.67	0.00	0.00
May 2035	4,107,494.33	2,979,435.48	0.00	0.00
June 2035	4,034,416.02	2,921,312.52	0.00	0.00
July 2035	3,962,406.85	2,864,163.42	0.00	0.00
August 2035	3,891,452.47	2,807,973.03	0.00	0.00
September 2035	3,821,538.73	2,752,726.44	0.00	0.00
October 2035	3,752,651.64	2,698,408.94	0.00	0.00
November 2035	3,684,777.41	2,645,006.08	0.00	0.00
December 2035	3,617,902.40	2,592,503.58	0.00	0.00
January 2036	3,552,013.18	2,540,887.39	0.00	0.00
February 2036	3,487,096.46	2,490,143.68	0.00	0.00

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
March 2036	\$ 3,423,139.13	\$ 2,440,258.82	\$ 0.00	\$ 0.00
April 2036	3,360,128.27	2,391,219.37	0.00	0.00
May 2036	3,298,051.09	2,343,012.11	0.00	0.00
June 2036	3,236,894.99	2,295,624.01	0.00	0.00
July 2036	3,176,647.52	2,249,042.24	0.00	0.00
August 2036	3,117,296.40	2,203,254.14	0.00	0.00
September 2036	3,058,829.49	2,158,247.27	0.00	0.00
October 2036	3,001,234.84	2,114,009.36	0.00	0.00
November 2036	2,944,500.61	2,070,528.33	0.00	0.00
December 2036	2,888,615.14	2,027,792.26	0.00	0.00
January 2037	2,833,566.91	1,985,789.45	0.00	0.00
February 2037	2,779,344.57	1,944,508.33	0.00	0.00
March 2037	2,725,936.88	1,903,937.53	0.00	0.00
April 2037	2,673,332.78	1,864,065.85	0.00	0.00
May 2037	2,621,521.32	1,824,882.26	0.00	0.00
June 2037	2,570,491.71	1,786,375.88	0.00	0.00
July 2037	2,520,233.31	1,748,536.00	0.00	0.00
August 2037	2,470,735.60	1,711,352.08	0.00	0.00
September 2037	2,421,988.19	1,674,813.73	0.00	0.00
October 2037	2,373,980.85	1,638,910.72	0.00	0.00
November 2037	2,326,703.45	1,603,632.97	0.00	0.00
December 2037	2,280,146.02	1,568,970.56	0.00	0.00
January 2038	2,234,298.71	1,534,913.72	0.00	0.00
February 2038	2,189,151.78	1,501,452.81	0.00	0.00
March 2038	2,144,695.64	1,468,578.35	0.00	0.00
April 2038	2,100,920.82	1,436,281.00	0.00	0.00
May 2038	2,057,817.96	1,404,551.57	0.00	0.00
June 2038	2,015,377.82	1,373,380.99	0.00	0.00
July 2038	1,973,591.31	1,342,760.34	0.00	0.00
August 2038	1,932,449.42	1,312,680.84	0.00	0.00
September 2038	1,891,943.29	1,283,133.82	0.00	0.00
October 2038	1,852,064.14	1,254,110.78	0.00	0.00
November 2038	1,812,803.33	1,225,603.30	0.00	0.00
December 2038	1,774,152.33	1,197,603.13	0.00	0.00
January 2039	1,736,102.72	1,170,102.12	0.00	0.00
February 2039	1,698,646.17	1,143,092.25	0.00	0.00
March 2039	1,661,774.49	1,116,565.64	0.00	0.00
April 2039	1,625,479.58	1,090,514.49	0.00	0.00
May 2039	1,589,753.43	1,064,931.16	0.00	0.00
June 2039	1,554,588.17	1,039,808.10	0.00	0.00
July 2039	1,519,976.00	1,015,137.89	0.00	0.00
August 2039	1,485,909.25	990,913.20	0.00	0.00
September 2039	1,452,380.33	967,126.84	0.00	0.00
October 2039	1,419,381.74	943,771.72	0.00	0.00
November 2039	1,386,906.11	920,840.84	0.00	0.00
December 2039	1,354,946.15	898,327.34	0.00	0.00
January 2040	1,323,494.65	876,224.44	0.00	0.00

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
February 2040	\$ 1,292,544.53	\$ 854,525.46	\$ 0.00	\$ 0.00
March 2040	1,262,088.76	833,223.84	0.00	0.00
April 2040	1,232,120.43	812,313.12	0.00	0.00
May 2040	1,202,632.72	791,786.92	0.00	0.00
June 2040	1,173,618.89	771,638.97	0.00	0.00
July 2040	1,145,072.29	751,863.11	0.00	0.00
August 2040	1,116,986.37	732,453.24	0.00	0.00
September 2040	1,089,354.64	713,403.38	0.00	0.00
October 2040	1,062,170.72	694,707.64	0.00	0.00
November 2040	1,035,428.29	676,360.21	0.00	0.00
December 2040	1,009,121.15	658,355.37	0.00	0.00
January 2041	983,243.15	640,687.50	0.00	0.00
February 2041	957,788.23	623,351.06	0.00	0.00
March 2041	932,750.40	606,340.58	0.00	0.00
April 2041	908,123.77	589,650.71	0.00	0.00
May 2041	883,902.51	573,276.14	0.00	0.00
June 2041	860,080.88	557,211.68	0.00	0.00
July 2041	836,653.21	541,452.19	0.00	0.00
August 2041	813,613.90	525,992.63	0.00	0.00
September 2041	790,957.42	510,828.02	0.00	0.00
October 2041	768,678.33	495,953.47	0.00	0.00
November 2041	746,771.26	481,364.17	0.00	0.00
December 2041	725,230.89	467,055.37	0.00	0.00
January 2042	704,051.99	453,022.41	0.00	0.00
February 2042	683,229.40	439,260.67	0.00	0.00
March 2042	662,758.01	425,765.65	0.00	0.00
April 2042	642,632.80	412,532.88	0.00	0.00
May 2042	622,848.80	399,557.97	0.00	0.00
June 2042	603,401.12	386,836.61	0.00	0.00
July 2042	584,284.93	374,364.55	0.00	0.00
August 2042	565,495.45	362,137.60	0.00	0.00
September 2042	547,027.98	350,151.64	0.00	0.00
October 2042	528,877.87	338,402.62	0.00	0.00
November 2042	511,040.56	326,886.53	0.00	0.00
December 2042	493,511.52	315,599.46	0.00	0.00
January 2043	476,286.28	304,537.53	0.00	0.00
February 2043	459,360.46	293,696.93	0.00	0.00
March 2043	442,729.70	283,073.92	0.00	0.00
April 2043	426,389.74	272,664.81	0.00	0.00
May 2043	410,336.33	262,465.95	0.00	0.00
June 2043	394,565.32	252,473.78	0.00	0.00
July 2043	379,072.58	242,684.78	0.00	0.00
August 2043	363,854.07	233,095.48	0.00	0.00
September 2043	348,905.77	223,702.47	0.00	0.00
October 2043	334,223.74	214,502.39	0.00	0.00
November 2043	319,804.08	205,491.95	0.00	0.00
December 2043	305,642.94	196,667.88	0.00	0.00

<u>Distribution Date</u>	<u>Classes PB, PC and PF (in the aggregate)</u>	<u>Classes AP, AZ, VA and VB (in the aggregate)</u>	<u>Class ZC</u>	<u>Class PA</u>
January 2044	\$ 291,736.54	\$ 188,027.00	\$ 0.00	\$ 0.00
February 2044	278,081.12	179,566.14	0.00	0.00
March 2044	264,673.00	171,282.21	0.00	0.00
April 2044	251,508.53	163,172.16	0.00	0.00
May 2044	238,584.13	155,232.98	0.00	0.00
June 2044	225,896.24	147,461.72	0.00	0.00
July 2044	213,441.37	139,855.46	0.00	0.00
August 2044	201,216.07	132,411.35	0.00	0.00
September 2044	189,216.93	125,126.57	0.00	0.00
October 2044	177,440.60	117,998.34	0.00	0.00
November 2044	165,883.77	111,023.94	0.00	0.00
December 2044	154,543.17	104,200.67	0.00	0.00
January 2045	143,415.57	97,525.91	0.00	0.00
February 2045	132,497.80	90,997.03	0.00	0.00
March 2045	121,786.71	84,611.50	0.00	0.00
April 2045	111,279.23	78,366.78	0.00	0.00
May 2045	100,972.29	72,260.40	0.00	0.00
June 2045	90,862.88	66,289.92	0.00	0.00
July 2045	80,948.04	60,452.94	0.00	0.00
August 2045	71,224.84	54,747.09	0.00	0.00
September 2045	61,690.38	49,170.06	0.00	0.00
October 2045	52,341.81	43,719.56	0.00	0.00
November 2045	43,176.34	38,393.33	0.00	0.00
December 2045	34,191.17	33,189.17	0.00	0.00
January 2046	25,383.59	28,104.89	0.00	0.00
February 2046	16,750.88	23,138.35	0.00	0.00
March 2046	8,290.40	18,287.44	0.00	0.00
April 2046	0.00	13,550.09	0.00	0.00
May 2046	0.00	8,924.26	0.00	0.00
June 2046	0.00	4,407.93	0.00	0.00
July 2046 and thereafter	0.00	0.00	0.00	0.00

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
Initial Balance	\$88,298,782.00	\$155,194,668.00	\$30,000,000.00
December 2016	87,989,027.16	154,603,509.39	29,908,232.58
January 2017	87,650,952.58	153,967,332.48	29,809,759.32
February 2017	87,284,736.89	153,286,426.11	29,704,618.31
March 2017	86,890,584.10	152,561,113.69	29,592,851.79
April 2017	86,468,723.51	151,791,752.98	29,474,506.10
May 2017	86,019,409.48	150,978,735.82	29,349,631.66
June 2017	85,542,921.23	150,122,487.81	29,218,282.95
July 2017	85,039,562.58	149,223,467.90	29,080,518.44
August 2017	84,509,661.59	148,282,168.03	28,936,400.60
September 2017	83,953,570.32	147,299,112.65	28,785,995.77
October 2017	83,371,664.33	146,274,858.21	28,629,374.19
November 2017	82,764,342.38	145,209,992.65	28,466,609.92
December 2017	82,132,025.91	144,105,134.78	28,297,780.73
January 2018	81,475,158.56	142,960,933.67	28,122,968.13
February 2018	80,794,205.70	141,778,068.00	27,942,257.20
March 2018	80,089,653.78	140,557,245.34	27,755,736.63
April 2018	79,362,009.87	139,299,201.40	27,563,498.52
May 2018	78,611,800.91	138,004,699.26	27,365,638.42
June 2018	77,839,573.15	136,674,528.55	27,162,255.16
July 2018	77,045,891.44	135,309,504.61	26,953,450.82
August 2018	76,231,338.52	133,910,467.56	26,739,330.61
September 2018	75,396,514.26	132,478,281.45	26,520,002.78
October 2018	74,542,034.95	131,013,833.25	26,295,578.56
November 2018	73,668,532.46	129,518,031.89	26,066,171.99
December 2018	72,776,653.45	127,991,807.27	25,831,899.90
January 2019	71,867,058.53	126,477,641.81	25,592,881.74
February 2019	70,966,359.17	124,975,433.79	25,355,408.25
March 2019	70,074,467.72	123,485,082.34	25,119,469.15
April 2019	69,191,297.37	122,006,487.34	24,885,054.24
May 2019	68,316,762.10	120,539,549.50	24,652,153.38
June 2019	67,450,776.77	119,084,170.28	24,420,756.47
July 2019	66,593,256.99	117,640,251.95	24,190,853.50
August 2019	65,744,119.20	116,207,697.54	23,962,434.52
September 2019	64,903,280.65	114,786,410.83	23,735,489.63
October 2019	64,070,659.35	113,376,296.40	23,510,009.00
November 2019	63,246,174.10	111,977,259.54	23,285,982.86
December 2019	62,429,744.48	110,589,206.32	23,063,401.51
January 2020	61,621,290.81	109,212,043.53	22,842,255.29
February 2020	60,820,734.21	107,845,678.72	22,622,534.62
March 2020	60,027,996.52	106,490,020.15	22,404,229.97
April 2020	59,243,000.32	105,144,976.82	22,187,331.87
May 2020	58,465,668.95	103,810,458.44	21,971,830.91
June 2020	57,695,926.47	102,486,375.42	21,757,717.75
July 2020	56,933,697.66	101,172,638.92	21,544,983.09
August 2020	56,178,908.02	99,869,160.75	21,333,617.70
September 2020	55,431,483.75	98,575,853.44	21,123,612.41
October 2020	54,691,351.76	97,292,630.23	20,914,958.10

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2020	\$53,958,439.66	\$ 96,019,405.02	\$20,707,645.70
December 2020	53,232,675.75	94,756,092.39	20,501,666.21
January 2021	52,513,989.01	93,502,607.60	20,297,010.69
February 2021	51,802,309.09	92,258,866.58	20,093,670.24
March 2021	51,097,566.31	91,024,785.93	19,891,636.03
April 2021	50,399,691.68	89,800,282.89	19,690,899.27
May 2021	49,708,616.83	88,585,275.37	19,491,451.24
June 2021	49,024,274.06	87,379,681.92	19,293,283.27
July 2021	48,346,596.32	86,183,421.75	19,096,386.75
August 2021	47,675,517.19	84,996,414.66	18,900,753.10
September 2021	47,010,970.90	83,818,581.14	18,706,373.82
October 2021	46,352,892.27	82,649,842.28	18,513,240.46
November 2021	45,701,216.78	81,490,119.78	18,321,344.60
December 2021	45,055,880.51	80,339,335.98	18,130,677.90
January 2022	44,416,820.15	79,197,413.83	17,941,232.06
February 2022	43,783,972.99	78,064,276.87	17,752,998.83
March 2022	43,157,276.93	76,939,849.26	17,565,970.02
April 2022	42,536,670.44	75,824,055.74	17,380,137.48
May 2022	41,922,092.61	74,716,821.68	17,195,493.13
June 2022	41,313,483.07	73,618,072.99	17,012,028.90
July 2022	40,710,782.07	72,527,736.19	16,829,736.83
August 2022	40,113,930.39	71,445,738.38	16,648,608.95
September 2022	39,522,869.41	70,372,007.24	16,468,637.38
October 2022	38,937,541.04	69,306,470.99	16,289,814.28
November 2022	38,357,887.76	68,249,058.44	16,112,131.85
December 2022	37,783,852.61	67,199,698.97	15,935,582.34
January 2023	37,215,575.70	66,159,112.06	15,760,158.06
February 2023	36,655,405.77	65,133,870.05	15,585,851.36
March 2023	36,103,230.81	64,123,753.23	15,412,654.64
April 2023	35,558,940.31	63,128,544.99	15,240,560.34
May 2023	35,022,425.28	62,148,031.77	15,069,560.96
June 2023	34,493,578.19	61,182,003.00	14,899,649.03
July 2023	33,972,292.98	60,230,251.06	14,730,817.14
August 2023	33,458,465.00	59,292,571.27	14,563,057.93
September 2023	32,951,991.04	58,368,761.82	14,396,364.07
October 2023	32,452,769.29	57,458,623.73	14,230,728.29
November 2023	31,960,699.30	56,561,960.83	14,066,143.35
December 2023	31,475,682.01	55,678,579.71	13,902,602.08
January 2024	30,997,619.68	54,808,289.66	13,740,097.33
February 2024	30,526,415.89	53,950,902.69	13,578,622.01
March 2024	30,061,975.56	53,106,233.42	13,418,169.07
April 2024	29,604,204.87	52,274,099.11	13,259,323.51
May 2024	29,153,011.29	51,454,319.58	13,102,181.54
June 2024	28,708,303.53	50,646,717.18	12,946,725.75
July 2024	28,269,991.55	49,851,116.78	12,792,938.94
August 2024	27,837,986.53	49,067,345.69	12,640,804.07
September 2024	27,412,200.85	48,295,233.70	12,490,304.26
October 2024	26,992,548.10	47,534,612.94	12,341,422.81

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2024	\$26,578,943.03	\$ 46,785,317.97	\$12,194,143.18
December 2024	26,171,301.53	46,047,185.62	12,048,448.99
January 2025	25,769,540.67	45,320,055.07	11,904,324.04
February 2025	25,373,578.62	44,603,767.75	11,761,752.27
March 2025	24,983,334.67	43,898,167.32	11,620,717.79
April 2025	24,598,729.22	43,203,099.66	11,481,204.86
May 2025	24,219,683.72	42,518,412.82	11,343,197.91
June 2025	23,846,120.74	41,843,956.99	11,206,681.52
July 2025	23,477,963.85	41,179,584.48	11,071,640.41
August 2025	23,115,137.69	40,525,149.70	10,938,059.48
September 2025	22,757,567.92	39,880,509.08	10,805,923.74
October 2025	22,405,181.22	39,245,521.12	10,675,218.40
November 2025	22,057,905.26	38,620,046.29	10,545,928.76
December 2025	21,715,668.69	38,003,947.05	10,418,040.32
January 2026	21,378,401.13	37,397,087.80	10,291,538.68
February 2026	21,046,033.19	36,799,334.85	10,166,409.62
March 2026	20,718,496.38	36,210,556.40	10,042,639.04
April 2026	20,395,723.19	35,630,622.54	9,920,212.98
May 2026	20,077,646.99	35,059,405.16	9,799,117.63
June 2026	19,764,202.08	34,496,778.00	9,679,339.31
July 2026	19,455,323.66	33,942,616.56	9,560,864.47
August 2026	19,150,947.81	33,396,798.11	9,443,679.72
September 2026	18,851,011.47	32,859,201.67	9,327,771.78
October 2026	18,555,452.45	32,329,707.96	9,213,127.51
November 2026	18,264,209.42	31,808,199.39	9,099,733.90
December 2026	17,977,221.88	31,294,560.06	8,987,578.06
January 2027	17,694,430.14	30,788,675.67	8,876,647.25
February 2027	17,415,775.35	30,290,433.58	8,766,928.85
March 2027	17,141,199.46	29,799,722.73	8,658,410.35
April 2027	16,870,645.20	29,316,433.64	8,551,079.38
May 2027	16,604,056.09	28,840,458.37	8,444,923.70
June 2027	16,341,376.43	28,371,690.53	8,339,931.17
July 2027	16,082,551.28	27,910,025.24	8,236,089.79
August 2027	15,827,526.43	27,455,359.09	8,133,387.67
September 2027	15,576,248.45	27,007,590.16	8,031,813.04
October 2027	15,328,664.62	26,566,617.96	7,931,354.26
November 2027	15,084,722.94	26,132,343.44	7,831,999.79
December 2027	14,844,372.12	25,704,668.95	7,733,738.21
January 2028	14,607,561.58	25,283,498.24	7,636,558.22
February 2028	14,374,241.44	24,868,736.41	7,540,448.63
March 2028	14,144,362.49	24,460,289.93	7,445,398.36
April 2028	13,917,876.21	24,058,066.58	7,351,396.43
May 2028	13,694,734.73	23,661,975.47	7,258,432.00
June 2028	13,474,890.84	23,271,926.98	7,166,494.30
July 2028	13,258,297.98	22,887,832.80	7,075,572.71
August 2028	13,044,910.24	22,509,605.86	6,985,656.68
September 2028	12,834,682.32	22,137,160.31	6,896,735.78
October 2028	12,627,569.55	21,770,411.55	6,808,799.69

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2028	\$12,423,527.89	\$ 21,409,276.18	\$ 6,721,838.19
December 2028	12,222,513.88	21,053,671.99	6,635,841.15
January 2029	12,024,484.68	20,703,517.93	6,550,798.56
February 2029	11,829,398.01	20,358,734.11	6,466,700.50
March 2029	11,637,212.21	20,019,241.79	6,383,537.15
April 2029	11,447,886.15	19,684,963.34	6,301,298.79
May 2029	11,261,379.30	19,355,822.25	6,219,975.80
June 2029	11,077,651.68	19,031,743.10	6,139,558.65
July 2029	10,896,663.84	18,712,651.53	6,060,037.92
August 2029	10,718,376.90	18,398,474.26	5,981,404.26
September 2029	10,542,752.51	18,089,139.06	5,903,648.44
October 2029	10,369,752.83	17,784,574.71	5,826,761.30
November 2029	10,199,340.56	17,484,711.04	5,750,733.80
December 2029	10,031,478.91	17,189,478.84	5,675,556.95
January 2030	9,866,131.60	16,898,809.93	5,601,221.90
February 2030	9,703,262.84	16,612,637.09	5,527,719.84
March 2030	9,542,837.33	16,330,894.06	5,455,042.08
April 2030	9,384,820.29	16,053,515.53	5,383,180.01
May 2030	9,229,177.38	15,780,437.13	5,312,125.11
June 2030	9,075,874.76	15,511,595.39	5,241,868.94
July 2030	8,924,879.05	15,246,927.78	5,172,403.14
August 2030	8,776,157.32	14,986,372.64	5,103,719.45
September 2030	8,629,677.11	14,729,869.22	5,035,809.67
October 2030	8,485,406.40	14,477,357.62	4,968,665.70
November 2030	8,343,313.63	14,228,778.80	4,902,279.53
December 2030	8,203,367.64	13,984,074.57	4,836,643.20
January 2031	8,065,537.75	13,743,187.59	4,771,748.87
February 2031	7,929,793.66	13,506,061.32	4,707,588.73
March 2031	7,796,105.52	13,272,640.04	4,644,155.10
April 2031	7,664,443.87	13,042,868.83	4,581,440.35
May 2031	7,534,779.68	12,816,693.57	4,519,436.92
June 2031	7,407,084.31	12,594,060.90	4,458,137.35
July 2031	7,281,329.51	12,374,918.24	4,397,534.23
August 2031	7,157,487.44	12,159,213.76	4,337,620.24
September 2031	7,035,530.64	11,946,896.37	4,278,388.13
October 2031	6,915,432.01	11,737,915.72	4,219,830.74
November 2031	6,797,164.86	11,532,222.19	4,161,940.94
December 2031	6,680,702.85	11,329,766.87	4,104,711.72
January 2032	6,566,020.00	11,130,501.56	4,048,136.11
February 2032	6,453,090.72	10,934,378.73	3,992,207.22
March 2032	6,341,889.74	10,741,351.57	3,936,918.23
April 2032	6,232,392.16	10,551,373.92	3,882,262.39
May 2032	6,124,573.43	10,364,400.29	3,828,233.02
June 2032	6,018,409.33	10,180,385.86	3,774,823.49
July 2032	5,913,875.99	9,999,286.43	3,722,027.27
August 2032	5,810,949.85	9,821,058.47	3,669,837.86
September 2032	5,709,607.71	9,645,659.04	3,618,248.86
October 2032	5,609,826.66	9,473,045.86	3,567,253.90

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2032	\$ 5,511,584.13	\$ 9,303,177.23	\$ 3,516,846.71
December 2032	5,414,857.86	9,136,012.07	3,467,021.05
January 2033	5,319,625.90	8,971,509.89	3,417,770.77
February 2033	5,225,866.60	8,809,630.78	3,369,089.77
March 2033	5,133,558.62	8,650,335.40	3,320,972.01
April 2033	5,042,680.92	8,493,585.01	3,273,411.52
May 2033	4,953,212.75	8,339,341.40	3,226,402.38
June 2033	4,865,133.63	8,187,566.91	3,179,938.74
July 2033	4,778,423.41	8,038,224.46	3,134,014.80
August 2033	4,693,062.18	7,891,277.48	3,088,624.83
September 2033	4,609,030.33	7,746,689.93	3,043,763.14
October 2033	4,526,308.51	7,604,426.30	2,999,424.12
November 2033	4,444,877.67	7,464,451.59	2,955,602.21
December 2033	4,364,718.98	7,326,731.32	2,912,291.89
January 2034	4,285,813.91	7,191,231.49	2,869,487.72
February 2034	4,208,144.19	7,057,918.61	2,827,184.30
March 2034	4,131,691.78	6,926,759.66	2,785,376.28
April 2034	4,056,438.91	6,797,722.13	2,744,058.40
May 2034	3,982,368.06	6,670,773.94	2,703,225.40
June 2034	3,909,461.95	6,545,883.52	2,662,872.12
July 2034	3,837,703.55	6,423,019.72	2,622,993.42
August 2034	3,767,076.05	6,302,151.87	2,583,584.23
September 2034	3,697,562.90	6,183,249.73	2,544,639.54
October 2034	3,629,147.78	6,066,283.52	2,506,154.36
November 2034	3,561,814.57	5,951,223.87	2,468,123.78
December 2034	3,495,547.41	5,838,041.85	2,430,542.93
January 2035	3,430,330.65	5,726,708.95	2,393,406.98
February 2035	3,366,148.86	5,617,197.08	2,356,711.17
March 2035	3,302,986.83	5,509,478.55	2,320,450.76
April 2035	3,240,829.56	5,403,526.08	2,284,621.10
May 2035	3,179,662.26	5,299,312.79	2,249,217.54
June 2035	3,119,470.35	5,196,812.19	2,214,235.52
July 2035	3,060,239.46	5,095,998.17	2,179,670.49
August 2035	3,001,955.42	4,996,845.02	2,145,517.98
September 2035	2,944,604.26	4,899,327.38	2,111,773.53
October 2035	2,888,172.21	4,803,420.29	2,078,432.76
November 2035	2,832,645.67	4,709,099.12	2,045,491.31
December 2035	2,778,011.28	4,616,339.64	2,012,944.89
January 2036	2,724,255.82	4,525,117.94	1,980,789.21
February 2036	2,671,366.29	4,435,410.49	1,949,020.08
March 2036	2,619,329.86	4,347,194.07	1,917,633.31
April 2036	2,568,133.88	4,260,445.83	1,886,624.77
May 2036	2,517,765.88	4,175,143.25	1,855,990.38
June 2036	2,468,213.57	4,091,264.12	1,825,726.08
July 2036	2,419,464.83	4,008,786.59	1,795,827.86
August 2036	2,371,507.72	3,927,689.10	1,766,291.77
September 2036	2,324,330.46	3,847,950.42	1,737,113.87
October 2036	2,277,921.45	3,769,549.63	1,708,290.29

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2036	\$ 2,232,269.23	\$ 3,692,466.12	\$ 1,679,817.18
December 2036	2,187,362.52	3,616,679.57	1,651,690.73
January 2037	2,143,190.20	3,542,169.99	1,623,907.18
February 2037	2,099,741.31	3,468,917.64	1,596,462.80
March 2037	2,057,005.03	3,396,903.11	1,569,353.90
April 2037	2,014,970.72	3,326,107.26	1,542,576.83
May 2037	1,973,627.86	3,256,511.23	1,516,127.98
June 2037	1,932,966.10	3,188,096.44	1,490,003.76
July 2037	1,892,975.25	3,120,844.57	1,464,200.66
August 2037	1,853,645.22	3,054,737.61	1,438,715.14
September 2037	1,814,966.11	2,989,757.77	1,413,543.77
October 2037	1,776,928.14	2,925,887.55	1,388,683.09
November 2037	1,739,521.67	2,863,109.71	1,364,129.71
December 2037	1,702,737.20	2,801,407.24	1,339,880.28
January 2038	1,666,565.37	2,740,763.41	1,315,931.47
February 2038	1,630,996.94	2,681,161.72	1,292,279.98
March 2038	1,596,022.82	2,622,585.92	1,268,922.56
April 2038	1,561,634.03	2,565,020.00	1,245,855.99
May 2038	1,527,821.73	2,508,448.19	1,223,077.06
June 2038	1,494,577.22	2,452,854.94	1,200,582.63
July 2038	1,461,891.89	2,398,224.96	1,178,369.58
August 2038	1,429,757.29	2,344,543.15	1,156,434.79
September 2038	1,398,165.07	2,291,794.67	1,134,775.22
October 2038	1,367,107.00	2,239,964.87	1,113,387.84
November 2038	1,336,574.97	2,189,039.33	1,092,269.64
December 2038	1,306,560.99	2,139,003.84	1,071,417.67
January 2039	1,277,057.19	2,089,844.43	1,050,828.98
February 2039	1,248,055.79	2,041,547.29	1,030,500.66
March 2039	1,219,549.15	1,994,098.84	1,010,429.85
April 2039	1,191,529.73	1,947,485.72	990,613.70
May 2039	1,163,990.09	1,901,694.73	971,049.38
June 2039	1,136,922.89	1,856,712.90	951,734.12
July 2039	1,110,320.93	1,812,527.43	932,665.15
August 2039	1,084,177.09	1,769,125.73	913,839.75
September 2039	1,058,484.34	1,726,495.39	895,255.21
October 2039	1,033,235.77	1,684,624.19	876,908.86
November 2039	1,008,424.57	1,643,500.07	858,798.05
December 2039	984,044.03	1,603,111.18	840,920.17
January 2040	960,087.52	1,563,445.83	823,272.62
February 2040	936,548.52	1,524,492.51	805,852.85
March 2040	913,420.59	1,486,239.89	788,658.31
April 2040	890,697.42	1,448,676.80	771,686.49
May 2040	868,372.74	1,411,792.23	754,934.91
June 2040	846,440.41	1,375,575.36	738,401.12
July 2040	824,894.35	1,340,015.50	722,082.67
August 2040	803,728.60	1,305,102.15	705,977.15
September 2040	782,937.26	1,270,824.95	690,082.20
October 2040	762,514.53	1,237,173.71	674,395.44

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2040	\$ 742,454.69	\$ 1,204,138.37	\$ 658,914.55
December 2040	722,752.09	1,171,709.04	643,637.22
January 2041	703,401.18	1,139,875.98	628,561.16
February 2041	684,396.49	1,108,629.58	613,684.11
March 2041	665,732.62	1,077,960.40	599,003.84
April 2041	647,404.25	1,047,859.13	584,518.12
May 2041	629,406.15	1,018,316.58	570,224.78
June 2041	611,733.15	989,323.73	556,121.63
July 2041	594,380.16	960,871.69	542,206.55
August 2041	577,342.18	932,951.68	528,477.40
September 2041	560,614.25	905,555.09	514,932.08
October 2041	544,191.51	878,673.42	501,568.52
November 2041	528,069.16	852,298.28	488,384.67
December 2041	512,242.49	826,421.45	475,378.47
January 2042	496,706.82	801,034.80	462,547.93
February 2042	481,457.56	776,130.34	449,891.04
March 2042	466,490.21	751,700.20	437,405.85
April 2042	451,800.29	727,736.61	425,090.39
May 2042	437,383.42	704,231.95	412,942.74
June 2042	423,235.28	681,178.70	400,960.98
July 2042	409,351.60	658,569.44	389,143.24
August 2042	395,728.17	636,396.90	377,487.63
September 2042	382,360.87	614,653.87	365,992.30
October 2042	369,245.61	593,333.30	354,655.44
November 2042	356,378.37	572,428.22	343,475.22
December 2042	343,755.21	551,931.78	332,449.85
January 2043	331,372.21	531,837.21	321,577.56
February 2043	319,225.53	512,137.86	310,856.59
March 2043	307,311.40	492,827.20	300,285.22
April 2043	295,626.08	473,898.77	289,861.71
May 2043	284,165.89	455,346.22	279,584.38
June 2043	272,927.21	437,163.30	269,451.53
July 2043	261,906.49	419,343.86	259,461.51
August 2043	251,100.20	401,881.83	249,612.67
September 2043	240,504.88	384,771.25	239,903.39
October 2043	230,117.12	368,006.24	230,332.04
November 2043	219,933.56	351,581.00	220,897.03
December 2043	209,950.90	335,489.86	211,596.79
January 2044	200,165.87	319,727.18	202,429.76
February 2044	190,575.25	304,287.46	193,394.39
March 2044	181,175.89	289,165.26	184,489.15
April 2044	171,964.67	274,355.21	175,712.54
May 2044	162,938.52	259,852.05	167,063.05
June 2044	154,094.40	245,650.60	158,539.21
July 2044	145,429.35	231,745.73	150,139.55
August 2044	136,940.42	218,132.42	141,862.63
September 2044	128,624.73	204,805.72	133,707.01
October 2044	120,479.42	191,760.75	125,671.27

<u>Distribution Date</u>	<u>Classes KA and KZ (in the aggregate)</u>	<u>Class LP</u>	<u>Class EA</u>
November 2044	\$ 112,501.70	\$ 178,992.72	\$ 117,754.02
December 2044	104,688.79	166,496.88	109,953.86
January 2045	97,037.98	154,268.61	102,269.42
February 2045	89,546.58	142,303.30	94,699.34
March 2045	82,211.95	130,596.47	87,242.28
April 2045	75,031.49	119,143.66	79,896.92
May 2045	68,002.64	107,940.50	72,661.93
June 2045	61,122.88	96,982.71	65,536.01
July 2045	54,389.72	86,266.04	58,517.88
August 2045	47,800.71	75,786.32	51,606.26
September 2045	41,353.44	65,539.46	44,799.90
October 2045	35,045.53	55,521.42	38,097.55
November 2045	28,874.66	45,728.21	31,497.97
December 2045	22,838.50	36,155.94	24,999.95
January 2046	16,934.80	26,800.74	18,602.28
February 2046	11,161.32	17,658.82	12,303.76
March 2046	5,515.86	8,726.46	6,103.22
April 2046 and thereafter	0.00	0.00	0.00



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