## \$1,235,774,484

## Govemment National Mortgage Association



GINNIE MAE ${ }^{\circledR}$<br>Guaranteed REMIC Pass-Through Securities and MX Securities<br>Ginnie Mae REMIC Trust 2001-59

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 9 which highlights some of these risks.

## The Securities

The Trust will issue the classes of securities listed on the inside front cover.

## The Ginnie Mae Guaranty

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

## The Trust and its Assets

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

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 D ecember 28, 2001.

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.

## Ginnie Mae REMIC Trust 2001-59

The Trust will issue the classes of securities listed in the table below. If you own exchangeable securities identified in the table, you can exchange them for the corresponding MX Securities, and vice versa.

| Class of REMIC Securities | Original <br> Principal <br> Balance(2) | Interest Rate | Principal <br> Type(3) | Interest Type(3) | $\begin{gathered} \text { Final } \\ \text { Distribution } \\ \text { Date(4) } \end{gathered}$ | CUSIP <br> Number |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Security Group 1 |  |  |  |  |  |  |
| AO (1) ........ | \$1,666,667 | 0.0\% | SUP | PO | December 2031 | 38373TUY9 |
| AP(1)...... | 30,341,073 | 7.0 | SUP | FIX | December 2030 | 38373TUZ6 |
| AQ (1) ..... | 30,341,074 | 7.0 | SUP | FIX | D ecember 2031 | 38373TVA0 |
| BK (1)...... | 18,744,000 | 6.0 | CPT | FIX | December 2031 | 38373TVB8 |
| BO (1)...... | 5,056,846 | 0.0 | SUP | PO | D ecember 2030 | 38373TVC6 |
| CA.......... | 20,581,000 | 6.5 | SUP | FIX | March 2030 | 38373TVD4 |
| CB.......... | 4,984,000 | 6.5 | SUP | FIX | July 2030 | 38373TVE2 |
| CD .......... | 4,218,000 | 6.5 | SUP | FIX | O ctober 2030 | 38373TVF9 |
| CE.......... | 2,866,000 | 6.5 | SUP | FIX | D ecember 2030 | 38373TVG 7 |
| CG .......... | 17,184,668 | 6.5 | SUP | FIX | December 2031 | 38373TVH5 |
| CO .......... | 4,152,806 | 0.0 | SUP | PO | D ecember 2031 | 38373TVJ1 |
| FE .......... | 20,000,000 | (5) | SUP | FLT | D ecember 2031 | 38373TVK 8 |
| JL........... | 84,728,915 | 6.0 | SUP | FIX | October 2029 | 38373TVL6 |
| MO (1)..... | 20,000,000 | 0.0 | SUP | PO | December 2031 | 38373TVM4 |
| PJ(1)....... | 127,002,171 | 6.0 | NTL(PAC) | FIX/ IO | September 2030 | 38373TVN2 |
| PK(1)...... | 127,002,171 | 0.0 | PAC | PO | September 2030 | 38373TVP7 |
| PV(1)...... | 32,661,000 | 6.0 | PAC/AD | FIX | October 2012 | 38373TVQ 5 |
| QH(1)..... | 11,245,854 | 6.0 | PAC | FIX | March 2019 | 38373TVR3 |
| QJ.......... | 400,000,000 | 6.0 | PAC | FIX | September 2028 | 38373TVS1 |
| QO(1)..... | 5,056,846 | 0.0 | SUP | PO | December 2031 | 38373TVT9 |
| QV(1) ..... | 23,932,000 | 6.0 | PAC/AD | FIX | O ctober 2017 | 38373TVU6 |
| SM(1)...... | 20,000,000 | (5) | NTL(SUP) | INV/ IO | D ecember 2031 | 38373TVV4 |
| ZP(1)...... | 36,000,027 | 6.0 | PAC | FIX/ Z | D ecember 2031 | 38373TVW2 |
| Security Group 2 |  |  |  |  |  |  |
| BL .......... | 5,000,000 | 6.5 | SC/ SEQ | FIX | November 2031 | $38373 T \mathrm{~T} 0$ |
| CM.......... | 1,500,000 | 6.5 | SC/ SEQ | FIX | November 2031 | 38373TVY 8 |
| DG .......... | 1,300,000 | 6.5 | SC/ SEQ | FIX | November 2031 | 38373TVZ5 |
| ET ........... | 2,000,000 | 6.5 | SC/ SEQ | FIX | November 2031 | 38373TWA 9 |
| JV ............ | 3,000,000 | 6.5 | SC/ SEQ | FIX | November 2031 | 38373TWB7 |
| Security Group 3 |  |  |  |  |  |  |
| FA .......... | 75,000,000 | (5) | PT | FLT | November 2024 | 38373TWC5 |
| JO(1)....... | 23,076,923 | 0.0 | PT | PO | November 2024 | 38373TWD 3 |
| ${ }_{\text {SJJ (1) ....... }}$ Security Group 4 | 23,076,923 | (5) | NTL(PT) | INV/ IO | November 2024 | 38373TWE1 |
| FB.......... | 35,294,118 | (5) | PT | FLT | August 2026 | 38373TWF8 |
| KO(1)..... | 14,705,882 | 0.0 | PT | PO | August 2026 | 38373TWG 6 |
| SK (1) ...... | 14,705,882 | (5) | NTL(PT) | INV/ IO | August 2026 | 38373TWH4 |
| Security Group 5 |  |  |  |  |  |  |
| LA .......... | 2,600,000 | 6.0 | SEQ | FIX | January 2014 | 38373TWJ0 |
| LB ........... | 3,600,000 | 6.0 | SEQ | FIX | January 2022 | 38373TWK 7 |
| LC ........... | 2,400,000 | 6.0 | SEQ | FIX | July 2025 | 38373TWL5 |
| LD ........... | 1,800,000 | 6.0 | SEQ | FIX | September 2027 | 38373TWM3 |
| LE ........... | 1,800,000 | 6.0 | SEQ | FIX | July 2029 | 38373TWN1 |
| LG.......... | 1,600,000 | 6.0 | SEQ | FIX | January 2031 | 38373TWP6 |
| LH.......... | 1,200,000 | 6.0 | SEQ | FIX | D ecember 2031 | 38373TWQ 4 |
| Security Group 6 cole |  |  |  |  |  |  |
| FD.......... | 50,000,000 | (5) | PT | FLT | October 2027 | 38373TWR2 |
| LO(1)...... | 15,384,614 | 0.0 | PT | PO | O ctober 2027 | 38373TWSO |
| SL(1)....... | 15,384,614 | (5) | NTL(PT) | INV/IO | October 2027 | 38373TWT8 |
| Security Group 7 1850,000 |  |  |  |  |  |  |
| MB......... | 18,750,000 | 6.0 | SEQ | FIX | December 2031 | 38373TWU5 |
| MC(1) ..... | 65,355,000 | 6.0 | SEQ | FIX | O ctober 2027 | 38373TWV3 |
| $\mathrm{MD}(1) . . .$. | 9,645,000 | 6.0 | SEQ | FIX | May 2029 | 38373TWW 1 |
| Residuals RR......... | 0 | 0.0 | NPR | NPR | D ecember 2031 | 38373TWX 9 |

(1) These Securities may be exchanged for MX Securities described in Schedule I.
(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 "Y ield, M aturity and Prepayment C onsiderations - Final D istribution D ate" in this Supplement.
(5) See "Terms Sheet - Interest Rates" in this Supplement.

## AVAILABLE INFORMATION

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

- this Supplement,
- the Base Offering Circular, and
- in the case of the Group 2 securities, the disclosure document relating to the Underlying Certificate.

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 The Chase Manhattan Bank, which will act as information agent for the Trust, at (800) 234-G NMA, to order copies of the Base Offering Circular. You should also call The Chase Manhattan Bank to order copies of any other document listed above.

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

## TABLE OF CONTENTS

Page Page

Terms Sheet ..................................................... 4
Risk Factors ..................................................... 9
The Trust Assets ............................................ 11
Ginnie Mae Guaranty.................................... 12
Description of the Securities......................... 12
Yield, Maturity and Prepayment
Considerations........................................ 17
Certain Federal Income Tax
Consequences........................................ 37
ERISA Matters.............................................. 40
Legal Investment Considerations ................. 40
Plan of D istribution....................................... 40

Increase in Size ............................................... 40
Legal Matters................................................. 41
Schedule I: Available Combinations........ S-I-1
Schedule II: Scheduled Principal
Balances.............................................S-II-1
Exhibit A: Underlying Certificate............... A-1
Exhibit B: Cover Page And Terms Sheet From the Underlying REMIC Disclosure D ocument...........................B-1

## TERMS SHEET

This terms sheet contains selected information for quick reference only. You should read this Supplement, particularly "Risk Factors," and each of the other documents listed under "Available Information."
Sponsor: UBS Warburg LLC
Trustee: Bank One Trust Company, N.A.
Tax Administrator: The Trustee
Closing Date: D ecember 28, 2001
Distribution Dates: : For the Group 1, Group 2, Group 5 and Group 7 Securities, the 20th day of each month or if the 19th or 20th day is not a Business Day, the first Business Day following the 20th day, commencing in January 2002; provided, however, if Ginnie Mae converts to the bookentry system maintained by the U.S. Federal Reserve Banks, the Distribution D ate for the Securities will be the $20^{\text {th }}$ day of each month or, if the $20^{\text {th }}$ day is not a Business Day, the first Business Day thereafter. See "D escription of the Seaurities - F orm of Seaurities" in this Supplement. For the Group 3, G roup 4 and Group 6 Securities, the 16th day of each month or if the 16th day is not a Business D ay, the first Business D ay thereafter, commencing in January 2002.

## Trust Assets:

| Trust Asset Group | Trust Asset Type | Certificate Rate | Original Term To Maturity (in years) |
| :---: | :---: | :---: | :---: |
| 1 | G innie Mae II | 6.0\% | 30 |
| 2 | Underlying Certificate | (1) | (1) |
| 3 | Ginnie Mae I | 6.5\% | 30 |
| 4 | Ginnie Mae I | 6.0\% | 30 |
| 5 | Ginnie Mae II | 6.0\% | 30 |
| 6 | Ginnie Mae I | 6.5\% | 30 |
| 7 | Ginnie Mae II | 6.0\% | 30 |

(1) Information regarding the Underlying Certificate and the related Mortgage Loans is set forth in Exhibits A and B to this Supplement.

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

## Assumed Characteristics of the Mortgage Loans Undenying the Groups 1, 3, 4, 5, 6 and 7 Trust Assets ${ }^{1}$ :

| Principal Balance ${ }^{2}$ | Weighted Average Remaining Term to Maturity (in months) | Weighted Average Loan Age <br> (in months) | $\begin{gathered} \text { Weighted } \\ \text { Average } \\ \text { Mortgage Rate }{ }^{3} \end{gathered}$ |
| :---: | :---: | :---: | :---: |
| Group 1Trust Assets |  |  |  |
| \$900,762,947 | 358 | 1 | 6.750\% |
| Group 3 Trust Assets |  |  |  |
| \$98,076,923 | 255 | 94 | 7.000\% |
| Group 4 Trust Assets |  |  |  |
| \$50,000,000 | 260 | 98 | 6.500\% |
| Group 5 Trust Assets |  |  |  |
| \$15,000,000 | 356 | 2 | 6.814\% |
| Group 6 Trust Assets |  |  |  |
| \$65,384,614 | 288 | 68 | 7.000\% |
| Group 7 Trust Assets |  |  |  |
| \$93,750,000 | 316 | 34 | 6.794\% |

(1) As of December 1, 2001.
(2) Does not include Trust A ssets that will be added to pay the Trustee Fee.
(3) The Mortgage Loans underlying the Group 1, Group 5 and Group 7 Trust Assets may bear interest at rates ranging from $0.5 \%$ to $1.5 \%$ per annum above the related Certificate Rate.

The actual remaining terms to maturity, loan ages and, in the case of the Group 1, Group 5 and Group 7 Trust Assets, Mortgage Rates of many of the Mortgage Loans will differ from the weighted averages shown above, perhaps significantly. Se "The Trust A ssets - The M ortgage L oans" in this Supplement. See Exhibit A to this Supplement for information regarding the characteristics of the Mortgage Loans included in the Underlying Trust.
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. Se "D escription of the Searities - Modification and E x change" in this Supplement.
Increased Minimum Denomination Classes: Each Class that constitutes a Principal Only, Interest Only or Inverse Floating Rate Class. Se "D escription of the Searities - Form of Securities" in this Supplement.
Interest Rates: The Interest Rates for the Fixed Rate Classes are shown on the inside cover page 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:

| Class | Interest Rate Formula ${ }^{[(1)]}$ | Initial <br> Interest <br> Rate ${ }^{(2)}$ | $\underset{\text { Rate }}{\text { Minimum }}$ | $\begin{gathered} \text { Maximum } \\ \text { Rate } \end{gathered}$ | $\begin{gathered} \text { Delay } \\ \text { (in } \\ \text { days) } \end{gathered}$ | LIBOR for Minimum Interest Rate |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| FA | LIBOR + 0.40\% | 2.4900\% | 0.40\% | 8.500\% | 0 | 0.0000\% |
| FB | LIBOR + 0.50\% | 2.5900\% | 0.50\% | 8.500\% | 0 | 0.0000\% |
| FD | LIBOR + 0.50\% | 2.4400\% | 0.50\% | 8.500\% | 0 | 0.0000\% |
| FE | LIBOR + 1.25\% | 3.3600\% | 1.25\% | 8.000\% | 0 | 0.0000\% |
| SA | 26.325\% - (LIBOR x 3.25) | 19.5325\% | 0.00\% | 26.325\% | 0 | 8.1000\% |
| SB | 19.20\% - (LIBOR x 2.40) | 14.1840\% | 0.00\% | 19.200\% | 0 | 8.0000\% |
| SD | 26.00\% - (LIBOR x 3.25) | 19.6950\% | 0.00\% | 26.000\% | 0 | 8.0000\% |
| SE | 11.25\% - LIBOR | 9.1400\% | 4.50\% | 11.250\% | 0 | 6.7500\% |
| SJ | 26.325\% - (LIBOR x 3.25) | 19.5325\% | 0.00\% | 26.325\% | 0 | 8.1000\% |
| SK | 19.20\% - (LIBOR x 2.40) | 14.1840\% | 0.00\% | 19.200\% | 0 | 8.0000\% |
| SL | 26.00\% - (LIBOR x 3.25) | 19.6950\% | 0.00\% | 26.000\% | 0 | 8.0000\% |
| SM | 11.25\% - LIBOR | 9.1400\% | 4.50\% | 11.250\% | 0 | 6.7500\% |

(1) LIBOR will be established on the basis of the BBA 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 for a Security Group, the following distributions will be made to the related Securities:

## Security Group 1

A percentage of the Group 1 Principal Distribution Amount will be applied to the Trustee Fee, and the remainder of the G roup 1 Principal Distribution Amount (the "Group 1 Adjusted Principal Distribution Amount") and the A ccrual Amount will be allocated as follows:

- The Accrual Amount in the following order of priority:

Accretion $\square$ 1. To PV and QV, in that order, until retired Directed and Accrual 2. To ZP, until retired

- The Group 1 Adjusted Principal Distribution Amount in the following order of priority:

1. To the PAC classes until reduced to their Aggregate Scheduled Principal Balance for that Distribution D ate, as follows:
a. To QH and BK1, pro rata, until retired
b. To QJ, PK, PV, QV and ZP, in that order, until retired
2. Concurrently:
a. 74.9999999049\% as follows:
i. To JL, until retired
ii. Concurrently:

Support
(a) $37.0493851524 \%$ to AO, FE and MO, pro rata, until retired
(b) $62.9506148476 \%$ sequentially, as follows:
i. Concurrently, to AP and BO, pro rata, until retired
ii. Concurrently, to AQ and QO , pro rata, until retired
b. $25.0000000951 \%$ as follows:

Scheduled $\{$
i. To BK 2, until reduced to its Scheduled Principal Balance, for that Distribution D ate
ii. Concurrently:
(a) $7.6923082623 \%$ to CO until retired
(b) $92.3076917377 \%$ sequentially, to CA, CB, CD , CE and CG , in that order, until retired
iii. To BK 2, without regard to its Scheduled Principal Balance, until retired

PAC $\quad\left\{\begin{array}{l}3 . \\ \text { To the PAC Classes, in that manner and order of priority described in Step 1, but }\end{array}\right.$ without regard to their Aggregate Scheduled Principal Balance, until retired

## Security Group 2

The Group 2 Principal Distribution Amount will be allocated to BL, JV, ET, CM and DG, in that order, until retired

## Security Group 3

The Group 3 Principal Distribution Amount will be allocated to FA and JO, pro rata, until retired

## Security Group 4

The Group 4 Principal Distribution Amount will be allocated to FB and KO, pro rata, until retired

## Security Group 5

The Group 5 Principal Distribution Amount will be allocated to LA, LB, LC, LD, LE, LG and LH, in that order, until retired

## Security Group 6

The Group 6 Principal Distribution Amount will be allocated to FD and LO, pro rata, until retired

## Security Group 7

The G roup 7 Principal Distribution Amount will be allocated to MC, MD and MB, in that order, until retired

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

Class or Component
$\mathrm{PK}, \mathrm{PV}, \mathrm{QH}, \mathrm{QJ}, \mathrm{QV}, \mathrm{ZP}$ and BK 1(in the aggregate) BK2.

100\% PSA through 250\% PSA
$115 \%$ PSA through 225\% PSA

Accrual Class: Interest will accrue on the Accrual Class identified on the inside front cover of this Supplement at the per annum rate set forth on that page. However, no interest will be distributed to the Accrual Class as interest. Interest so accrued on the Accrual Class on each Distribution Date will constitute the 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:


| Original Class <br> Notional Balance |
| :---: |
| $\$ 127,002,171$ |
| $23,076,923$ |
| $14,705,882$ |
| $15,34,614$ |
| $20,000,000$ |

## Represents

$100 \%$ of PK (PAC Class)
$100 \%$ of JO (PT Class)
$100 \%$ of KO (PT Class)
100\% of LO (PT Class)
$100 \%$ of MO (SUP Class)
Component Class: For purposes of calculating distributions of principal, Class BK is comprised of multiple components having the designations and characteristics set forth below. Components are not separately transferable from the Class BK Securities.


Tax Status: Double REMIC Series. Se "C ertain Federal Inoome Tax Consequenoes" in this Supplement and in the Base 0 ffering C ircular.
Regular and Residual Classes: Class RR is a Residual Class and includes the Residual Interests of the Issuing REMIC and the Pooling REMIC; all other Classes of REMIC Securities are Regular Classes.

## RISK FACTORS

Y ou 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 secunities. 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. 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.
## Rates of principal payments can reduce

 your yield. The yield on your securities probably will be lower than you expect if:- you bought your securities at a premium (interest only securities, for example) and principal payments are faster than you expected, or
- you bought your securities at a discount (principal only securities, for example) and principal payments are slower than you expected.
In addition, if your securities are interest only securities or securities purchased at a significant premium, you could lose money on your investment if prepayments occur at a rapid rate.
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. Y ou 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's 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. Y ou may be unable to reinvest the payments on your securities at the same returns provided by the securities. Lower prevailing interest rates may result in an unexpected return of principal. In that interest rate climate, higher yielding reinvestment opportunities may be limited. Conversely, higher prevailing interest rates may result in slower returns of principal and you may not be able to take advantage of higher yielding investment opportunities. The final payment on your security may occur much earlier than the final distribution date.
Support securities will be more sensitive to rates of principal payments than other securities. If principal prepayments result in principal distributions on any distribution date equal to or less than the amount needed to produce scheduled payments on the PAC Classes, Scheduled Classes and components, the related support classes will not receive any principal distribution on that date. If prepayments result in principal distributions on any distribution date greater than the amount needed to produce scheduled payments on the related PAC Classes, Scheduled Classes and components for that distribution date, this excess will be distributed to the related support classes.
The rate of principal payments on the Underying Certificate will directly affect the rate of principal payments on the group 2 securities. The Underlying Certificate will be sensitive to
- the rate of payments of principal (including prepayments) of the related mortgage loans, and
- the priorities for the distribution of principal among the classes of the underlying series.
As described in the underlying REMIC disclosure document, the Underlying Certificate is not entitled to distributions of principal until classes of the related underlying
series have been retired and, accordingly, distributions of principal of the related mortgage loans for extended periods may be applied to the distribution of principal of those classes of certificates having priority over the Underlying Certificate. Accordingly, the Underlying Certificate may receive no principal distributions for extended periods of time or may receive principal payments that vary widely from period to period.
This supplement contains no information as to whether the Underlying Certificate has performed as originally anticipated. Additional information as to the Underlying Certificate may be obtained by performing an analysis of current principal factors of the Underlying Certificate in light of applicable information contained in the related underlying REMIC disclosure documents.
The securities may not be a suitable investment for you. The securities, especially the group 2 securities and, in particular, the component, support, interest only, principal only, inverse floating rate, accrual and residual classes, are not suitable investments for all investors.
In addition, although the sponsor intends to make a market for the purchase and sale of the securities after their initial issuance, it has no obligation to do so. There is no assurance that a secondary market will develop, that any secondary market will continue, or that the price at which you can sell an investment in any class will enable you to realize a desired yield on that investment.
You will bear the market risks of your investment. The market values of the classes are likely to fluctuate. These fluctuations may be significant and could result in significant losses to you.
The secondary markets for mortgage-related securities have experienced periods of illiquidity and can be expected to do so in the future. Illiquidity can have a severely adverse effect on the prices of classes that are especially sensitive to prepayment or interest rate risk or that have been structured to meet the investment requirements of limited categories of investors.

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

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 prepayment tables in this supplement are based on assumed characteristics which are likely to be different from the actual characteristics. As a result, the yields on your securities could be lower than you expected, even if the mortgage loans prepay at the constant prepayment rates set forth in the applicable table.It is highly unlikely that the underlying mortgage loans will prepay at any of the prepayment rates assumed in this supplement, or at any constant prepayment rate.

## THE TRUST ASSETS

## General

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

## The Trust MBS (Groups 1, 3, 4, 5, 6 and 7)

The Groups 3, 4 and 6 Trust Assets are either:

1. Ginnie Mae I MBS Certificates guaranteed by Ginnie Mae, or
2. Ginnie Mae Platinum Certificates backed by Ginnie Mae I MBS Certificates and guaranteed by Ginnie Mae.
Each Mortgage Loan underlying a Ginnie Mae I MBS Certificate bears interest at a Mortgage Rate $0.50 \%$ per annum greater than the related Certificate Rate. The difference between the Mortgage Rate and the Certificate Rate is used to pay the related servicers of the Mortgage Loans a monthly servicing fee and Ginnie Mae a fee for its guaranty of the Ginnie Mae I MBS Certificate of 0.44\% per annum and $0.06 \%$ per annum, respectively, of the outstanding principal balance of the Mortgage Loan.

The Groups 1, 5 and 7 Trust Assets are either:

1. Ginnie Mae II MBS Certificates guaranteed by G innie 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 bears interest at a Mortgage Rate $0.50 \%$ to $1.50 \%$ 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 G innie Mae Certificate Guaranty Fee is used to pay the related servicers of the Mortgage Loans a monthly servicing fee.

## The Undenying Centificate (Group 2)

The Group 2 Trust Assets consist of an Underlying Certificate that represents beneficial ownership interests in a separate trust (the "Underlying Trust"), the assets of which evidence direct or indirect beneficial ownership interests in certain Ginnie Mae Certificates. The Underlying Certificate constitutes a portion of a class of a separate series of certificates (the "Underlying Series") described in the Underlying REMIC Disclosure D ocument, excerpts of which are attached as Exhibit B to this Supplement. The Underlying REMIC Disclosure D ocument may be obtained from the Information Agent as described under "Available Information." Investors are cautioned that material changes in facts and circumstances may have occurred since the date of the Underlying REMIC Disclosure Document, including changes in prepayment rates, prevailing interest rates and other economic factors, which may limit the usefulness of, and be directly contrary to the assumptions used in preparing the information included in, the offering document. See "U nderlying C ertificates" in the Base 0 ffering Circular.

The Underlying Certificate provides for monthly distributions and is further described in the table contained in Exhibit A to this Supplement. The table also sets forth information regarding approximate weighted average remaining terms to maturity, loan ages and mortgage rates of the Mortgage Loans underlying the related G innie Mae Certificates.

## The Mortgage Loans

The Mortgage Loans underlying the Groups 1, 3, 4, 5, 6 and 7 Trust Assets are expected to have, on a weighted average basis, the characteristics set in the Terms Sheet under "Assumed Characteristics of the Mortgage Loans Underlying the Groups 1, 3, 4, 5, 6 and 7 Trust Assets" and the general characteristics described in the Base Offering Circular. The Mortgage Loans underlying the Underlying Certificate are expected to have, on a weighted average basis, the characteristics set forth in Exhibit A to this Supplement. 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, the Rural Housing Service or the United States Department of Housing and Urban D evelopment ("HUD"). Se "T he G innie M ae C ertificates - G eneral" in the Base 0 ffering 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, in the case of the Group 1, 5 and 7 Trust Assets, Mortgage Rates of the Mortgage Loans. However, the actual remaining terms to maturity, loan ages and, in the case of the Group 1, 5 and 7 Trust Assets, Mortgage Rates of many of the Mortgage Loans will differ from the characteristics assumed, perhaps significantly. This will be the case even if the weighted average characteristics of the Mortgage Loans are the same as the assumed characteristics. Small differences in the characteristics of the Mortgage Loans can have a significant effect on the weighted average lives and yields of the Securities. Se "Risk Factors" and "Y ield, Maturity and Prepayment C onsiderations" in this Supplement.

## The Trustee Fee

On each Distribution Date, the Trustee will retain a fixed percentage of all principal and interest distributions received on specified Trust Assets in payment of its fee (the "Trustee Fee").

## GINNIE MAE GUARANTY

The Government National Mortgage Association ("G innie 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 "Ginnie Mae Guaranty"). 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. Se "Ginnie Mae G uaranty" in the Base 0 ffering 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. Se "D escription of the Securities" in the Base 0 ffering Cirallar.

## Form of Securities

Each Class of Securities (other than the Residual Securities) initially will be issued and maintained in Book-Entry Form and may be transferred only on the book-entry system of the

MBS Division of The Depository Trust Company (together with any successor, the "Book-Entry Depository"). Ginnie Mae has proposed a conversion from this book-entry system to the bookentry system maintained by the U.S. Federal Reserve Banks. It is anticipated that this conversion will be completed during the second quarter of the calendar year 2002. Under either book-entry system, Beneficial Owners of Securities in book-entry form will ordinarily hold these Securities through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations. By request accompanied by the payment of a transfer fee of $\$ 25,000$ per physical certificate 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 "D escription of the Searities - Forms of Seaurities; Book-E ntry Procedures" in the Base 0 ffering C ircular.

Each 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 the following minimum denominations:


* Notional balance

See Schedule I to this Supplement for the increased minimum denominations of the MX Classes.

## Distributions

Distributions on each Class of Securities will be made on each Distribution D ate for that Class, as specified under "Terms Sheet - Distribution Dates" in this Supplement. On each Distribution D ate, the Trustee will distribute the Distribution Amount to Holders of record as of the close of business on the last Business Day of the calendar month immediately preceding the month in which the Distribution Date occurs (each, a "Record Date"). For Book-Entry Securities, the Trustee will distribute principal and interest to the Book-Entry Depository, and Beneficial Owners will receive distributions through credits to accounts maintained for their benefit on the books and records of appropriate financial intermediaries. Se "D escription of the Securities - Distributions" and "- M ethod of D istributions" in the Base 0 ffering Circular.

## Interest Distributions

On each Distribution Date, the Interest Distribution Amount will be distributed 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 on any Class on any Distribution D ate will consist of 30 days' interest on its Class Principal Balance (or Class Notional Balance) as of the related Record D ate.
- Investors can calculate the amount of interest to be distributed on each Class of Securities on any D istribution D ate by using the Class Factors published in the preceding month. Se "- Class Factors" below.


## C ategories of Classes

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

A ccrual Periods
The Accrual Period for each Class is set forth in the table below:

## Classes

Fixed Rate Classes
Group 1
Floating Rate and
Inverse Floating Rate
Classes
Groups 3, 4 and $6 \quad$ From the $16^{\text {th }}$ day of the month preceding the month of the related Floating Rate and Distribution D ate through the $15^{\text {th }}$ day of the month of that Distribution Inverse Floating Rate Classes

## Fix ed Rate C lasses

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

A crual Class
Class ZP is an Accrual Class. Interest will accrue on the Accrual Class and be distributed as described under "Terms Sheet - Accrual Class" in this Supplement.

Floating R ate and Inverse Floating R ate 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. LIBOR will be determined based on the BBA LIBOR method, as described under "Description of the Securities - Interest Rate Indices Determination of LIBOR - BBA LIBOR Method" in the Base Offering Circular.

For information regarding the manner in which the Trustee determines LIBOR and calculates the Interest Rates for the Floating Rate and Inverse Floating Rate Classes, see "Description of the Securities - Interest Rate Indices - D etermination of LIBOR" in the Base 0 ffering Ciralar.

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 gREX or by calling the Information Agent at (800) 234-GNMA.

## Principal Distributions

The Adjusted Principal Distribution Amount for Security Group 1, the Principal Distribution Amount for each of Security Groups 2, 3, 4, 5, 6 and 7 and the Accrual Amount will be distributed to the Holders entitled thereto as described above under "Terms Sheet - Allocation of Principal." 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 and C omponents

For purposes of principal distributions, the Classes will be categorized as shown under "Principal Type" on the inside cover page of this Supplement and on Schedule I to this Supplement, and Components will be categorized as shown above under "Terms Sheet Component Class" in this Supplement. The abbreviations used on the inside cover page, in the Terms Sheet and on Schedule I to this Supplement are explained under "Class Types" in Appendix I to the Base Offering Circular.

Component Class
Class BK is a Component Class and has Components with the designations and characteristics shown under "Terms Sheet - Component Class" in this Supplement. Components will not be separately issued or transferable.

## N otional 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 inside cover page of this Supplement. The Class Notional Balances will reduce 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 under "Certain 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 related Trust REMIC after the Class Principal 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 applicable 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 the Accrual Class) on that Distribution D ate (each, a "Class Factor").

- The Class Factor for each Class for the month of issuance is 1.00000000 .
- The Class Factor for any Class of Securities for any 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 on the D istribution D ate occurring in that month.
- 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 each month (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 the 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.
- Investors may obtain current Class Factors on gREX.

See "D escription of the Securities - D istributions" in the Base 0 ffering Circular.

## Trading

For the sole purpose of facilitating trading and settlement, Classes JO, KO, LO and MO will be treated as non-delay classes.

## Temmination

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

Upon any termination of the Trust, the Holder of any outstanding 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 Notional Class will be entitled to receive that Holder's allocable share of any accrued and unpaid interest thereon at the applicable Interest Rate. The Residual Holders will be entitled to their pro rata share of any assets remaining in the related Trust REMIC 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 inside cover page may be exchanged for a proportionate interest in the related MX Classes shown on Schedule I to this Supplement. Similarly, all or a portion of the related MX Class may be exchanged for proportionate interests in the related Classes of REMIC Securities and, in the case of Combination 9, another related MX Class. This process may occur repeatedly.

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

A Beneficial Owner proposing to effect an exchange must notify the Trustee through the Beneficial Owner's Book Entry Depository participant. This notice must be received by the Trustee not later than two Business Days before the proposed exchange date. The exchange date can be any Business D ay other than the last Business D ay of the month. The notice must contain the outstanding principal balance of the Securities to be included in the exchange and the proposed exchange date. The notice is required to be delivered to the Trustee in writing at its Corporate Trust Office, Bank One Trust Company, N.A., 153 W 51 $1^{\text {st }}$ Street, $6^{\text {th }}$ Floor, New Y ork, New York 10019, Attention Trust Administrator Ginnie Mae 2001-59. The Trustee may be contacted by telephone at (212) 373-1384 and by fax at (212) 373-1384.

A fee will be payable to the Trustee in connection with each exchange equal to 1 / 32 of $1 \%$ of the outstanding principal balance (or notional balance) of the Securities surrendered for exchange (but not less than $\$ 2,000$ or more than $\$ 25,000$ ); provided, however that no fee will be payable in respect of an interest only security. The fee must be paid not later than two business days prior to 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 $D$ ate in the month of exchange.

See "D escription of the Securities - M odification and Exchange" in the Base 0 ffering Circular.

## YIELD, MATURITY AND PREPAYMENT CON SIDERATIONS

## General

The prepayment experience of the Mortgage Loans underlying the Trust Assets will affect the Weighted Average Lives of and the yields realized by investors in the related Classes of 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, Ginnie Mae Issuer advances and, to the extent necessary, proceeds of Ginnie Mae's guaranty of the Ginnie Mae Certificates. As a result, a high level of defaults experienced on the Mortgage Loans will accelerate the distribution of principal of the Securities.

Under certain circumstances, the Trustee has the option to purchase the Trust's assets, thereby effecting early retirement of the Securities. See "D escription of the Securities - Termination" in this Supplement.

Investors in the Group 2 Securities are urged to review the discussion under "Risk Factors The rate of principal payments on the Underlying Certificate will directly affect the rate of principal payments on the group 2 securities" in this Supplement.

## Accretion Directed Classes

Classes PV and QV are Accretion Directed Classes. The related Accrual Amount will be applied to making principal distributions on those Classes as described in this Supplement.

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

- Moreover, based on the Modeling Assumptions, if the related Mortgage Loans prepay at any constant rate at or below the rate for the Accretion Directed Class shown in the table below, its Class Principal Balance would be reduced to zero on, but not before, its Final Distribution Date, and its Weighted Average Life would equal its maximum Weighted Average Life.
- However, the Weighted Average Lives of the Accretion Directed Class will be reduced, and may be reduced significantly, at prepayment speeds higher than the constant rates shown in the table below. Se "Y ield, M aturity and Prepayment C onsideration - D ecrement Tables" in this Supplement.
$\left.\begin{array}{ll}\text { Class } & \begin{array}{c}\text { Maximum Weighted } \\ \text { Average Life } \\ \text { (in Years) }\end{array} \\ \hline \text { PV } & 6.0\end{array} \quad \begin{array}{c}\text { Final Distribution Date }\end{array} \quad \begin{array}{c}\text { Prepayment Rate } \\ \text { at or below }\end{array}\right]$

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

Class QV has also been classified as Accretion Directed because it is entitled to receive payments from the related A ccrual Amounts. Class QV may be somewhat more stable under slow prepayment scenarios than if it were not so entitled. However, it typically does not have the principal payment stability frequently associated with Accretion D irected Classes.

## Securities that Receive Principal on the Basis of Schedules

As described in this Supplement, each PAC and Scheduled Class or Component will receive principal payments in accordance with a schedule calculated on the basis of, among other things, a Structuring Range or Rate. See "Terms Sheet - Scheduled Principal Balanoes." 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 or Component exhibits an Effective Range of constant prepayment rates at which such Class will received 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 or Components are as follows:

- The principal payment stability of the PAC Classes and Component will be supported by the Scheduled and Support Classes and Component.
- The principal payment stability of the Scheduled Component will be supported by the Support Classes.
If all of the Classes and Components supporting a given Class or Component are retired before the Class or Component being supported is retired, the outstanding Class or Component 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 tables. Therefore, even if the Mortgage Loans were to prepay at a constant rate within the initial Effective Range shown for any Class or Component in the above tables, that Class or Component could fail to receive Scheduled Payments.

Moreover, the Mortgage Loans will not prepay at any constant rate. Non-constant prepayment rates can cause any PAC or Scheduled Class or Component not to receive Scheduled Payments, even if prepayment rates remain within the initial Effective Range if any, for that Class or Component. Further, the Effective Range for any PAC or Scheduled Class or Component can narrow or shift over time 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 or Component, the amount available to pay principal on the Securities may be insufficient to produce Scheduled Payments on the PAC and Scheduled Classes and Components, 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 or Component, its supporting Classes and Components may be retired earlier than that PAC or Scheduled Class or Component, and the Weighted Average Life of the PAC or Scheduled Class or Component may be shortened, perhaps significantly.

## Assumability

Each Mortgage Loan is subject to assumption upon the sale of the related Mortgaged Property. See "Y ield, Maturity and Prepayment Considerations - A ssumability of Government Loans" in the Base 0 ffering Circular.

## Final Distribution Date

The Final Distribution D ate for each Class, which is set forth on the inside cover page 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 D ate.


## Modeling Assumptions

Unless otherwise indicated, the tables that follow have been prepared on the basis of the characteristics of the Mortgage Loans underlying the Group 2 Trust Assets, the characteristics of the Underlying Certificate, the priorities of distributions on the Underlying Certificate and the following assumptions (the "Modeling Assumptions"), among others:

1. The Mortgage Loans underlying the Groups 1, 3, 4, 5, 6 and 7 Trust Assets have the assumed characteristics shown under "Assumed Characteristics of the Mortgage Loans Underlying the Groups 1, 3, 4, 5, 6 and 7 Trust Assets" in the Terms Sheet, except in the case of information set forth under the 0\% PSA Prepayment Assumption Rate, for which each Mortgage Loan is assumed to have an original and a remaining term to maturity of 360 months and each Mortgage Loan underlying the Groups 1, 5 and 7 Trust Assets is assumed to have a Mortgage Rate of 1.5\% 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 Groups 3,4 and 6 Securities are always received on the 16 th day of the month whether or not a Business Day, commencing in January 2002. Distributions on the Groups 1, 2, 5 and 7 Securities are always received on the $20^{\text {th }}$ day of the month, whether or not a Business D ay, commencing in January 2002.
4. A termination of the Trust and the Underlying Trust does not occur.
5. The Closing D ate for the Securities is D ecember 28, 2001.
6. No expenses or fees are paid by the Trust.
7. Distributions on the Underlying Certificate are made as described in the Underlying REMIC D isclosure D ocument.
8. Each Class is held from the Closing $D$ ate 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 $16^{\text {th }}$ or $20^{\text {th }}$ of the month, as applicable 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 A ssets.

Se "D escription of the Securities - D istributions" in the Base 0 ffering Circular.

## Decrement Tables

Prepayments of mortgage loans are commonly measured by a prepayment standard or model. The model used in this Supplement ("PSA") is the standard prepayment assumption model of The Bond Market 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. Se "Y ield, Maturity and Prepayment Considerations - Standard Prepayment A ssumption Models" in the Base 0 ffering 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 table, each of the PSA Prepayment A ssumption 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 pattem 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 A ssumption 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 any Notional Class) from one Distribution Date to the next Distribution D ate by the number of years from the date of issuance thereof to the related D istribution D ate,
(b) summing the results, and
(c) dividing the sum by the aggregate amount of the assumed net reductions in principal balance or notional amount, as applicable, referred to in clause (a).
The information shown for each Notional Class is for illustrative purposes only, as Notional Classes are not entitled to distributions of principal and have no weighted average lives. 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 undenlying the related Trust Assets and the Modeling Assumptions.

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

| Distribution Date | Security Group 1 <br> PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Classes AO, FE, MO, SM and SE |  |  |  |  | Classes AM, AP, AT and BO |  |  |  |  | Classes AN, AQ, AU and Q0 |  |  |  |  |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent.................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2003................ | 100 | 100 | 100 | 100 | 70 | 100 | 100 | 100 | 100 | 41 | 100 | 100 | 100 | 100 | 100 |
| December 2004................ | 100 | 100 | 100 | 89 | 0 | 100 | 100 | 100 | 77 | 0 | 100 | 100 | 100 | 100 | 0 |
| December 2005............... | 100 | 100 | 79 | 57 | 0 | 100 | 100 | 59 | 13 | 0 | 100 | 100 | 100 | 100 | 0 |
| December 2006................. | 100 | 100 | 59 | 34 | 0 | 100 | 100 | 19 | 0 | 0 | 100 | 100 | 100 | 67 | 0 |
| December 2007................ | 100 | 100 | 45 | 17 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 90 | 35 | 0 |
| December 2008................ | 100 | 100 | 35 | 7 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 71 | 14 | 0 |
| December 2009................ | 100 | 100 | 30 | 2 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 59 | 3 | 0 |
| December 2010................. | 100 | 100 | 27 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 54 | 0 | 0 |
| December 2011................ | 100 | 100 | 26 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 51 | 0 | 0 |
| December 2012................. | 100 | 100 | 24 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 48 | 0 | 0 |
| December 2013................ | 100 | 100 | 22 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 44 | 0 | 0 |
| December 2014................ | 100 | 100 | 20 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 40 | 0 | 0 |
| December 2015................ | 100 | 100 | 18 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 36 | 0 | 0 |
| December 2016................ | 100 | 100 | 16 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 32 | 0 | 0 |
| December 2017................ | 100 | 100 | 14 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 28 | 0 | 0 |
| December 2018................. | 100 | 100 | 12 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 25 | 0 | 0 |
| December 2019................ | 100 | 100 | 11 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 22 | 0 | 0 |
| December 2020................. | 100 | 99 | 9 | 0 | 0 | 100 | 98 | 0 | 0 | 0 | 100 | 100 | 19 | 0 | 0 |
| December 2021............... | 100 | 89 | 8 | 0 | 0 | 100 | 78 | 0 | 0 | 0 | 100 | 100 | 16 | 0 | 0 |
| December 2022................. | 100 | 79 | 7 | 0 | 0 | 100 | 57 | 0 | 0 | 0 | 100 | 100 | 13 | 0 | 0 |
| December 2023................ | 100 | 69 | 5 | 0 | 0 | 100 | 37 | 0 | 0 | 0 | 100 | 100 | 11 | 0 | 0 |
| December 2024................ | 100 | 59 | 4 | 0 | 0 | 100 | 18 | 0 | 0 | 0 | 100 | 100 | 9 | 0 | 0 |
| December 2025................ | 100 | 49 | 4 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 99 | 7 | 0 | 0 |
| December 2026................. | 100 | 40 | 3 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 80 | 5 | 0 | 0 |
| December 2027................ | 100 | 31 | 2 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 62 | 4 | 0 | 0 |
| December 2028............... | 100 | 23 | 1 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 45 | 3 | 0 | 0 |
| December 2029................ | 92 | 14 | 1 | 0 | 0 | 85 | 0 | 0 | 0 | 0 | 100 | 29 | 2 | 0 | 0 |
| December 2030................. | 48 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 96 | 13 | 1 | 0 | 0 |
| December 2031................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)...................... | 29.0 | 24.1 | 8.4 | 4.6 | 2.2 | 28.4 | 21.4 | 4.3 | 3.4 | 2.0 | 29.5 | 26.8 | 12.4 | 5.7 | 2.5 |

Security Group 1
PSA Prepayment Assumption Rates

| Distribution Date | Class BK |  |  |  |  | Class BN |  |  |  |  | Class CA |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 83 | 63 | 60 | 60 | 60 | 76 | 46 | 44 | 44 | 44 | 100 | 100 | 84 | 80 | 49 |
| December 2003................ | 65 | 63 | 53 | 53 | 53 | 49 | 46 | 39 | 39 | 39 | 100 | 100 | 46 | 31 | 0 |
| December 2004................ | 63 | 63 | 44 | 44 | 0 | 46 | 46 | 33 | 33 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2005................ | 63 | 63 | 37 | 37 | 0 | 46 | 46 | 27 | 27 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2006................ | 63 | 63 | 30 | 30 | 0 | 46 | 46 | 22 | 22 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2007................ | 63 | 63 | 25 | 25 | 0 | 46 | 46 | 19 | 19 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2008................ | 63 | 63 | 21 | 14 | 0 | 46 | 46 | 16 | 11 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2009................. | 63 | 63 | 18 | 3 | 0 | 46 | 46 | 13 | 2 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2010................ | 63 | 63 | 16 | 0 | 0 | 46 | 46 | 12 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2011................ | 63 | 60 | 14 | 0 | 0 | 46 | 44 | 10 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2012................ | 63 | 52 | 11 | 0 | 0 | 46 | 39 | 8 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2013................ | 63 | 41 | 8 | 0 | 0 | 46 | 30 | 6 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2014................. | 63 | 26 | 5 | 0 | 0 | 46 | 19 | 3 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2015................. | 63 | 10 | 1 | 0 | 0 | 46 | 7 | 1 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2016................ | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 93 | 0 | 0 | 0 |
| December 2017................. | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 76 | 0 | 0 | 0 |
| December 2018................. | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 59 | 0 | 0 | 0 |
| December 2019................ | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 42 | 0 | 0 | 0 |
| December 2020................ | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 25 | 0 | 0 | 0 |
| December 2021................. | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 7 | 0 | 0 | 0 |
| December 2022................ | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2023................ | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2024................. | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2025................ | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2026................. | 63 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2027................. | 54 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2028................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 0 | 0 | 0 | 0 |
| December 2029................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 13 | 0 | 0 | 0 | 0 |
| December 2030................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years) ...................... | 16.9 | 8.0 | 3.9 | 3.2 | 1.7 | 12.8 | 6.1 | 3.0 | 2.5 | 1.4 | 27.5 | 17.5 | 1.9 | 1.6 | 1.0 |

Security Group 1
PSA Prepayment Assumption Rates

| Distribution Date | Class CB |  |  |  |  | Class CD |  |  |  |  | Class CE |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent.................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2003................ | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 0 |
| December 2004................ | 100 | 100 | 93 | 0 | 0 | 100 | 100 | 100 | 69 | 0 | 100 | 100 | 100 | 100 | 0 |
| December 2005................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 25 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| December 2006................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2007................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2008................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2009................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2010................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2011................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2012................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2013................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2014................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2015................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2016................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2017................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2018................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2019................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2020................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2021................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2022................ | 100 | 59 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2023................. | 100 | 0 | 0 | 0 | 0 | 100 | 87 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2024................ | 100 | 0 | 0 | 0 | 0 | 100 | 7 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2025................. | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2026................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2027................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2028................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2029............... | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2030................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)...................... | 28.4 | 21.1 | 3.3 | 2.7 | 1.6 | 28.7 | 22.5 | 3.9 | 3.1 | 1.8 | 28.9 | 23.5 | 4.4 | 3.4 | 1.9 |

Security Group 1
PSA Prepayment Assumption Rates

| Distribution Date | Class CG |  |  |  |  | Class CO |  |  |  |  | Class D0 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 94 | 92 | 79 | 100 | 100 | 100 | 100 | 100 |
| December 2003................. | 100 | 100 | 100 | 100 | 88 | 100 | 100 | 78 | 71 | 30 | 100 | 100 | 100 | 100 | 70 |
| December 2004................ | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 58 | 46 | 0 | 100 | 100 | 100 | 89 | 0 |
| December 2005................. | 100 | 100 | 100 | 77 | 0 | 100 | 100 | 42 | 27 | 0 | 100 | 100 | 79 | 57 | 0 |
| December 2006................ | 100 | 100 | 89 | 37 | 0 | 100 | 100 | 31 | 13 | 0 | 100 | 100 | 59 | 34 | 0 |
| December 2007................. | 100 | 100 | 65 | 10 | 0 | 100 | 100 | 23 | 3 | 0 | 100 | 100 | 45 | 17 | 0 |
| December 2008................ | 100 | 100 | 50 | 0 | 0 | 100 | 100 | 17 | 0 | 0 | 100 | 100 | 35 | 7 | 0 |
| December 2009................. | 100 | 100 | 41 | 0 | 0 | 100 | 100 | 14 | 0 | 0 | 100 | 100 | 30 | 2 | 0 |
| December 2010................ | 100 | 100 | 38 | 0 | 0 | 100 | 100 | 13 | 0 | 0 | 100 | 100 | 27 | 0 | 0 |
| December 2011................. | 100 | 100 | 38 | 0 | 0 | 100 | 100 | 13 | 0 | 0 | 100 | 100 | 26 | 0 | 0 |
| December 2012................ | 100 | 100 | 37 | 0 | 0 | 100 | 100 | 13 | 0 | 0 | 100 | 100 | 24 | 0 | 0 |
| December 2013................. | 100 | 100 | 36 | 0 | 0 | 100 | 100 | 13 | 0 | 0 | 100 | 100 | 22 | 0 | 0 |
| December 2014................ | 100 | 100 | 36 | 0 | 0 | 100 | 100 | 12 | 0 | 0 | 100 | 100 | 20 | 0 | 0 |
| December 2015............... | 100 | 100 | 35 | 0 | 0 | 100 | 100 | 12 | 0 | 0 | 100 | 100 | 18 | 0 | 0 |
| December 2016................ | 100 | 100 | 32 | 0 | 0 | 100 | 97 | 11 | 0 | 0 | 100 | 100 | 16 | 0 | 0 |
| December 2017................ | 100 | 100 | 29 | 0 | 0 | 100 | 90 | 10 | 0 | 0 | 100 | 100 | 14 | 0 | 0 |
| December 2018................ | 100 | 100 | 25 | 0 | 0 | 100 | 83 | 9 | 0 | 0 | 100 | 100 | 12 | 0 | 0 |
| December 2019................ | 100 | 100 | 22 | 0 | 0 | 100 | 76 | 8 | 0 | 0 | 100 | 100 | 11 | 0 | 0 |
| December 2020................ | 100 | 100 | 19 | 0 | 0 | 100 | 69 | 6 | 0 | 0 | 100 | 99 | 9 | 0 | 0 |
| December 2021................. | 100 | 100 | 16 | 0 | 0 | 100 | 62 | 5 | 0 | 0 | 100 | 89 | 8 | 0 | 0 |
| December 2022................ | 100 | 100 | 13 | 0 | 0 | 100 | 55 | 5 | 0 | 0 | 100 | 79 | 7 | 0 | 0 |
| December 2023................ | 100 | 100 | 11 | 0 | 0 | 100 | 48 | 4 | 0 | 0 | 100 | 69 | 5 | 0 | 0 |
| December 2024................ | 100 | 100 | 9 | 0 | 0 | 100 | 41 | 3 | 0 | 0 | 100 | 59 | 4 | 0 | 0 |
| December 2025................ | 100 | 99 | 7 | 0 | 0 | 100 | 34 | 2 | 0 | 0 | 100 | 49 | 4 | 0 | 0 |
| December 2026................ | 100 | 81 | 5 | 0 | 0 | 100 | 28 | 2 | 0 | 0 | 100 | 40 | 3 | 0 | 0 |
| December 2027................ | 100 | 63 | 4 | 0 | 0 | 100 | 22 | 1 | 0 | 0 | 100 | 31 | 2 | 0 | 0 |
| December 2028................ | 100 | 45 | 3 | 0 | 0 | 93 | 16 | 1 | 0 | 0 | 100 | 23 | 1 | 0 | 0 |
| December 2029............... | 100 | 29 | 2 | 0 | 0 | 64 | 10 | 1 | 0 | 0 | 92 | 14 | 1 | 0 | 0 |
| December 2030................ | 97 | 13 | 1 | 0 | 0 | 33 | 4 | 0 | 0 | 0 | 48 | 6 | 0 | 0 | 0 |
| December 2031................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)....................... | 29.5 | 26.8 | 11.2 | 4.8 | 2.2 | 28.5 | 21.9 | 5.5 | 3.0 | 1.6 | 29.0 | 24.1 | 8.4 | 4.6 | 2.2 |

Security Group 1

| Distribution Date | PSA Prepayment Assumption Rates |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Class G0 |  |  |  |  | Class JL |  |  |  |  | Classes PG, PK and PJ |  |  |  |  |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 86 | 82 | 58 | 100 | 100 | 100 | 100 | 100 |
| December 2003................. | 100 | 100 | 100 | 100 | 70 | 100 | 100 | 51 | 39 | 0 | 100 | 100 | 100 | 100 | 100 |
| December 2004................ | 100 | 100 | 100 | 89 | 0 | 100 | 100 | 8 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| December 2005................ | 100 | 100 | 79 | 57 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| December 2006................. | 100 | 100 | 59 | 34 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 100 |
| December 2007................. | 100 | 100 | 45 | 17 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 71 |
| December 2008................. | 100 | 100 | 35 | 7 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 30 |
| December 2009................ | 100 | 100 | 30 | 2 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 1 |
| December 2010................. | 100 | 100 | 27 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 0 |
| December 2011................ | 100 | 100 | 26 | 0 | 0 | 100 | 98 | 0 | 0 | 0 | 100 | 71 | 71 | 71 | 0 |
| December 2012................. | 100 | 100 | 24 | 0 | 0 | 100 | 93 | 0 | 0 | 0 | 100 | 46 | 46 | 46 | 0 |
| December 2013................ | 100 | 100 | 22 | 0 | 0 | 100 | 85 | 0 | 0 | 0 | 100 | 25 | 25 | 25 | 0 |
| December 2014................. | 100 | 100 | 20 | 0 | 0 | 100 | 76 | 0 | 0 | 0 | 100 | 8 | 8 | 8 | 0 |
| December 2015................. | 100 | 100 | 18 | 0 | 0 | 100 | 65 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2016............... | 100 | 100 | 16 | 0 | 0 | 100 | 53 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2017................ | 100 | 100 | 14 | 0 | 0 | 100 | 40 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2018................ | 100 | 100 | 12 | 0 | 0 | 100 | 26 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2019................ | 100 | 100 | 11 | 0 | 0 | 100 | 13 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2020................. | 100 | 99 | 9 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2021................. | 100 | 89 | 8 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2022................ | 100 | 79 | 7 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2023................. | 100 | 69 | 5 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 |
| December 2024................ | 100 | 59 | 4 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 |
| December 2025................ | 100 | 49 | 4 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 |
| December 2026................ | 100 | 40 | 3 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2027................. | 100 | 31 | 2 | 0 | 0 | 94 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2028................ | 100 | 23 | 1 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2029................ | 92 | 14 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030................ | 48 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)..................... | 29.0 | 24.1 | 8.4 | 4.6 | 2.2 | 26.9 | 15.0 | 2.0 | 1.7 | 1.1 | 22.8 | 11.0 | 11.0 | 11.0 | 6.6 |

Security Group 1
PSA Prepayment Assumption Rates

| Distribution Date | Class PH |  |  |  |  | Class PV |  |  |  |  | Class QH |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 100 | 100 | 100 | 100 | 93 | 93 | 93 | 93 | 93 | 54 | 0 | 0 | 0 | 0 |
| December 2003................ | 100 | 100 | 100 | 100 | 100 | 86 | 86 | 86 | 86 | 86 | 5 | 0 | 0 | 0 | 0 |
| December 2004................ | 100 | 100 | 100 | 100 | 100 | 78 | 78 | 78 | 78 | 78 | 0 | 0 | 0 | 0 | 0 |
| December 2005................ | 100 | 100 | 100 | 100 | 100 | 70 | 70 | 70 | 70 | 70 | 0 | 0 | 0 | 0 | 0 |
| December 2006................ | 100 | 100 | 100 | 100 | 100 | 62 | 62 | 62 | 62 | 62 | 0 | 0 | 0 | 0 | 0 |
| December 2007................ | 100 | 100 | 100 | 100 | 100 | 52 | 52 | 52 | 52 | 52 | 0 | 0 | 0 | 0 | 0 |
| December 2008................ | 100 | 100 | 100 | 100 | 100 | 43 | 43 | 43 | 43 | 43 | 0 | 0 | 0 | 0 | 0 |
| December 2009................ | 100 | 100 | 100 | 100 | 100 | 32 | 32 | 32 | 32 | 32 | 0 | 0 | 0 | 0 | 0 |
| December 2010................ | 100 | 100 | 100 | 100 | 73 | 21 | 21 | 21 | 21 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2011................ | 100 | 100 | 100 | 100 | 52 | 10 | 10 | 10 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2012................ | 100 | 100 | 100 | 100 | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2013................ | 100 | 100 | 100 | 100 | 26 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2014................ | 100 | 100 | 100 | 100 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2015................ | 100 | 91 | 91 | 91 | 13 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2016................ | 100 | 75 | 75 | 75 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2017................ | 100 | 61 | 61 | 61 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2018................ | 100 | 50 | 50 | 50 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2019................ | 100 | 40 | 40 | 40 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2020................ | 100 | 32 | 32 | 32 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2021................ | 100 | 25 | 25 | 25 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2022................ | 100 | 20 | 20 | 20 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2023................ | 100 | 16 | 16 | 16 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2024................ | 100 | 12 | 12 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2025................ | 100 | 9 | 9 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2026................. | 56 | 6 | 6 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2027................ | 5 | 5 | 5 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2028................ | 3 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2029................ | 2 | 2 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030................. | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)..................... | 25.2 | 18.0 | 18.0 | 18.0 | 11.0 | 6.0 | 6.0 | 6.0 | 6.0 | 5.6 | 1.1 | 0.5 | 0.5 | 0.5 | 0.5 |

Security Group 1
PSA Prepayment Assumption Rates

| Distribution Date | Class QJ |  |  |  |  | Class QV |  |  |  |  | Class ZP |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% | 0\% | 100\% | 219\% | 250\% | 450\% |
| Initial Percent.................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 99 | 99 | 99 | 99 | 100 | 100 | 100 | 100 | 100 | 106 | 106 | 106 | 106 | 106 |
| December 2003................ | 100 | 88 | 88 | 88 | 88 | 100 | 100 | 100 | 100 | 100 | 113 | 113 | 113 | 113 | 113 |
| December 2004................ | 98 | 73 | 73 | 73 | 68 | 100 | 100 | 100 | 100 | 100 | 120 | 120 | 120 | 120 | 120 |
| December 2005................ | 95 | 59 | 59 | 59 | 34 | 100 | 100 | 100 | 100 | 100 | 127 | 127 | 127 | 127 | 127 |
| December 2006................ | 92 | 46 | 46 | 46 | 9 | 100 | 100 | 100 | 100 | 100 | 135 | 135 | 135 | 135 | 135 |
| December 2007................. | 89 | 33 | 33 | 33 | 0 | 100 | 100 | 100 | 100 | 100 | 143 | 143 | 143 | 143 | 143 |
| December 2008................ | 86 | 21 | 21 | 21 | 0 | 100 | 100 | 100 | 100 | 100 | 152 | 152 | 152 | 152 | 152 |
| December 2009................. | 83 | 10 | 10 | 10 | 0 | 100 | 100 | 100 | 100 | 100 | 161 | 161 | 161 | 161 | 161 |
| December 2010................. | 79 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 23 | 171 | 171 | 171 | 171 | 171 |
| December 2011................ | 75 | 0 | 0 | 0 | 0 | 100 | 100 | 100 | 100 | 0 | 182 | 182 | 182 | 182 | 133 |
| December 2012................ | 70 | 0 | 0 | 0 | 0 | 96 | 96 | 96 | 96 | 0 | 193 | 193 | 193 | 193 | 95 |
| December 2013................. | 66 | 0 | 0 | 0 | 0 | 78 | 78 | 78 | 78 | 0 | 205 | 205 | 205 | 205 | 67 |
| December 2014................ | 61 | 0 | 0 | 0 | 0 | 59 | 59 | 59 | 59 | 0 | 218 | 218 | 218 | 218 | 48 |
| December 2015................ | 55 | 0 | 0 | 0 | 0 | 39 | 6 | 6 | 6 | 0 | 231 | 231 | 231 | 231 | 34 |
| December 2016................ | 49 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 | 245 | 193 | 193 | 193 | 24 |
| December 2017................. | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 157 | 157 | 157 | 17 |
| December 2018................ | 36 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 127 | 127 | 127 | 12 |
| December 2019................. | 29 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 103 | 103 | 103 | 8 |
| December 2020................. | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 82 | 82 | 82 | 6 |
| December 2021................ | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 65 | 65 | 65 | 4 |
| December 2022................. | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 52 | 52 | 52 | 3 |
| December 2023................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 40 | 40 | 40 | 2 |
| December 2024................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 31 | 31 | 31 | 1 |
| December 2025................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 257 | 23 | 23 | 23 | 1 |
| December 2026................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 143 | 17 | 17 | 17 | 0 |
| December 2027................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 | 12 | 12 | 12 | 0 |
| December 2028................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 8 | 8 | 8 | 0 |
| December 2029................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 4 | 4 | 4 | 0 |
| December 2030................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 | 2 | 2 | 0 |
| December 2031................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)..................... | 13.9 | 4.8 | 4.8 | 4.8 | 3.5 | 13.4 | 13.0 | 13.0 | 13.0 | 8.8 | 25.2 | 18.5 | 18.5 | 18.5 | 12.1 |

Security Group 2
PSA Prepayment Assumption Rates

| Distribution Date | Class BL |  |  |  |  | Class CM |  |  |  |  | Class DG |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 150\% | 325\% | 500\% | 650\% | 0\% | 150\% | 325\% | 500\% | 650\% | 0\% | 150\% | 325\% | 500\% | 650\% |
| Initial Percent.................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2003................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2004................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2005............... | 100 | 100 | 100 | 100 | 90 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2006................ | 100 | 100 | 100 | 95 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2007................. | 100 | 100 | 100 | 17 | 0 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2008................ | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 100 | 91 | 100 | 100 | 100 | 100 | 100 |
| December 2009............... | 100 | 100 | 59 | 0 | 0 | 100 | 100 | 100 | 100 | 20 | 100 | 100 | 100 | 100 | 100 |
| December 2010................. | 100 | 100 | 14 | 0 | 0 | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 100 | 73 |
| December 2011................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 42 | 0 | 100 | 100 | 100 | 100 | 44 |
| December 2012................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 1 | 0 | 100 | 100 | 100 | 100 | 26 |
| December 2013................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 69 | 15 |
| December 2014................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 47 | 9 |
| December 2015................ | 100 | 90 | 0 | 0 | 0 | 100 | 100 | 81 | 0 | 0 | 100 | 100 | 100 | 32 | 5 |
| December 2016................. | 100 | 60 | 0 | 0 | 0 | 100 | 100 | 43 | 0 | 0 | 100 | 100 | 100 | 21 | 3 |
| December 2017................. | 100 | 32 | 0 | 0 | 0 | 100 | 100 | 14 | 0 | 0 | 100 | 100 | 100 | 14 | 2 |
| December 2018................ | 100 | 8 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 89 | 10 | 1 |
| December 2019................ | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 68 | 6 | 1 |
| December 2020................ | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 52 | 4 | 0 |
| D ecember 2021.................. | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 39 | 3 | 0 |
| December 2022................ | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 29 | 2 | 0 |
| December 2023................ | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 21 | 1 | 0 |
| December 2024................. | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 15 | 1 | 0 |
| December 2025................ | 100 | 0 | 0 | 0 | 0 | 100 | 70 | 0 | 0 | 0 | 100 | 100 | 11 | 0 | 0 |
| December 2026................ | 100 | 0 | 0 | 0 | 0 | 100 | 35 | 0 | 0 | 0 | 100 | 100 | 7 | 0 | 0 |
| December 2027................. | 100 | 0 | 0 | 0 | 0 | 100 | 3 | 0 | 0 | 0 | 100 | 100 | 5 | 0 | 0 |
| December 2028................. | 55 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 70 | 3 | 0 | 0 |
| December 2029................. | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 40 | 1 | 0 | 0 |
| December 2030................ | 0 | 0 | 0 | 0 | 0 | 84 | 0 | 0 | 0 | 0 | 100 | 14 | 0 | 0 | 0 |
| December 2031................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)...................... | 27.1 | 15.4 | 8.2 | 5.6 | 4.4 | 29.1 | 24.6 | 14.9 | 9.9 | 7.6 | 29.5 | 27.7 | 19.9 | 13.6 | 10.3 |

Security Group 2
PSA Prepayment Assumption Rates

| Distribution Date | Class ET |  |  |  |  | Class JV |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 150\% | 325\% | 500\% | 650\% | 0\% | 150\% | 325\% | 500\% | 650\% |
| Initial Percent................................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002............................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2003................................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2004............................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2005............................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2006.............................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 86 |
| December 2007............................... | 100 | 100 | 100 | 100 | 82 | 100 | 100 | 100 | 100 | 0 |
| December 2008.............................. | 100 | 100 | 100 | 100 | 0 | 100 | 100 | 100 | 39 | 0 |
| December 2009................................ | 100 | 100 | 100 | 65 | 0 | 100 | 100 | 100 | 0 | 0 |
| December 2010.............................. | 100 | 100 | 100 | 1 | 0 | 100 | 100 | 100 | 0 | 0 |
| December 2011................................ | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 63 | 0 | 0 |
| December 2012.............................. | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 15 | 0 | 0 |
| December 2013................................ | 100 | 100 | 66 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2014............................... | 100 | 100 | 21 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2015................................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2016.............................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2017............................... | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2018............................... | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2019................................ | 100 | 100 | 0 | 0 | 0 | 100 | 76 | 0 | 0 | 0 |
| December 2020............................... | 100 | 100 | 0 | 0 | 0 | 100 | 42 | 0 | 0 | 0 |
| December 2021................................ | 100 | 100 | 0 | 0 | 0 | 100 | 12 | 0 | 0 | 0 |
| December 2022................................ | 100 | 77 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2023................................ | 100 | 41 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2024............................... | 100 | 7 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2025................................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2026................................... | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2027................................. | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| D ecember 2028................................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2029............................... | 100 | 0 | 0 | 0 | 0 | 64 | 0 | 0 | 0 | 0 |
| December 2030............................... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031................................. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years) ........................................ | 28.7 | 21.8 | 12.4 | 8.3 | 6.3 | 28.1 | 18.8 | 10.3 | 6.9 | 5.4 |

Security Group 3
PSA Prepayment Assumption Rates

| Distribution Date | Classes FA, JO, SA and SJ |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 215\% | 350\% | 450\% |
| Initial Percent .................. | 100 | 100 | 100 | 100 | 100 |
| D ecember 2002 ............... | 99 | 92 | 85 | 77 | 71 |
| December 2003............... | 98 | 84 | 73 | 60 | 51 |
| December 2004............... | 97 | 77 | 62 | 46 | 36 |
| December 2005 ................ | 95 | 71 | 52 | 35 | 26 |
| December 2006 ............... | 94 | 64 | 44 | 27 | 18 |
| December $2007 . . . . . . . . . . . . . .$. | 93 | 58 | 37 | 21 | 13 |
| December 2008................ | 91 | 53 | 31 | 16 | 9 |
| December 2009 ................ | 89 | 48 | 26 | 12 | 6 |
| December 2010 ............... | 88 | 43 | 21 | 9 | 4 |
| December 2011 ............... | 86 | 38 | 18 | 7 | 3 |
| December 2012 ............... | 84 | 33 | 14 | 5 | 2 |
| December 2013............... | 82 | 29 | 12 | 4 | 1 |
| December 2014................ | 79 | 25 | 9 | 3 | 1 |
| December 2015 ................ | 77 | 22 | 7 | 2 | 1 |
| December 2016................ | 74 | 18 | 6 | 1 | 0 |
| December 2017 ................ | 71 | 15 | 4 | 1 | 0 |
| December 2018................ | 68 | 12 | 3 | 1 | 0 |
| December 2019 ............ | 65 | 9 | 2 | 0 | 0 |
| December 2020 ................ | 61 | 6 | 1 | 0 | 0 |
| December 2021 ................ | 57 | 3 | 1 | 0 | 0 |
| December 2022 ............... | 53 | 1 | 0 | 0 | 0 |
| December 2023................ | 49 | 0 | 0 | 0 | 0 |
| December 2024............... | 44 | 0 | 0 | 0 | 0 |
| December 2025............... | 39 | 0 | 0 | 0 | 0 |
| December 2026............... | 34 | 0 | 0 | 0 | 0 |
| December 2027 ................ | 28 | 0 | 0 | 0 | 0 |
| December 2028............... | 22 | 0 | 0 | 0 | 0 |
| December 2029 ................ | 15 | 0 | 0 | 0 | 0 |
| D ecember 2030 ............... | 8 | 0 | 0 | 0 | 0 |
| D ecember 2031 ............... | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) ..................... | 19.9 | 8.5 | 5.6 | 3.7 | 2.9 |

Security Group 4
PSA Prepayment Assumption Rates

| Distribution Date | Classes FB, K0, SB and SK |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 197\% | 300\% | 400\% |
| Initial Percent. | 100 | 100 | 100 | 100 | 100 |
| December 2002 ............... | 99 | 92 | 86 | 80 | 74 |
| December 2003 ................ | 98 | 84 | 74 | 64 | 55 |
| December $2004 . . . . . . . . . . . . . .$. | 96 | 77 | 64 | 51 | 41 |
| December 2005 ................ | 95 | 71 | 55 | 41 | 30 |
| December 2006.............. | 94 | 64 | 47 | 32 | 22 |
| December $2007 . . . . . . . . . . . . . . . ~$ | 92 | 58 | 40 | 26 | 16 |
| December $2008 . . . . . . . . . . . . . .$. | 90 | 53 | 34 | 20 | 12 |
| December 2009 ................ | 89 | 47 | 28 | 16 | 9 |
| December 2010 ............... | 87 | 43 | 24 | 12 | 6 |
| December 2011 ............... | 85 | 38 | 20 | 10 | 5 |
| December 2012 ............... | 83 | 33 | 17 | 7 | 3 |
| December 2013............... | 80 | 29 | 14 | 6 | 2 |
| December $2014 . . . . . . . . . . . . . .$. | 78 | 25 | 11 | 4 | 2 |
| December 2015............... | 75 | 22 | 9 | 3 | 1 |
| December 2016............... | 73 | 18 | 7 | 2 | 1 |
| December 2017 ................ | 70 | 15 | 5 | 2 | 1 |
| December 2018................ | 66 | 12 | 4 | 1 | 0 |
| December 2019 ............... | 63 | 9 | 3 | 1 | 0 |
| December 2020 ............... | 59 | 6 | 2 | 0 | 0 |
| December 2021 ................ | 56 | 4 | 1 | 0 | 0 |
| December 2022 ............... | 52 | 2 | 0 | 0 | 0 |
| December 2023............... | 47 | 0 | 0 | 0 | 0 |
| December $2024 . . . . . . . . . . . . . .$. | 43 | 0 | 0 | 0 | 0 |
| December 2025................ | 38 | 0 | 0 | 0 | 0 |
| December 2026 ............... | 32 | 0 | 0 | 0 | 0 |
| December $2027 . . . . . . . . . . . . . .$. | 27 | 0 | 0 | 0 | 0 |
| December 2028............... | 21 | 0 | 0 | 0 | 0 |
| December 2029 ................ | 14 | 0 | 0 | 0 | 0 |
| December 2030 ............... | 7 | 0 | 0 | 0 | 0 |
| December 2031 ................ | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) ...................... | 19.6 | 8.5 | 5.9 | 4.3 | 3.3 |

Security Group 5
PSA Prepayment Assumption Rates

| Distribution Date | Class LA |  |  |  |  | Class LB |  |  |  |  | Class LC |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 197\% | 300\% | 400\% | 0\% | 100\% | 197\% | 300\% | 400\% | 0\% | 100\% | 197\% | 300\% | 400\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002............... | 95 | 84 | 75 | 65 | 55 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2003............... | 89 | 55 | 24 | 0 | 0 | 100 | 100 | 100 | 94 | 73 | 100 | 100 | 100 | 100 | 100 |
| December 2004............... | 83 | 17 | 0 | 0 | 0 | 100 | 100 | 71 | 31 | 0 | 100 | 100 | 100 | 100 | 92 |
| December 2005................ | 76 | 0 | 0 | 0 | 0 | 100 | 86 | 30 | 0 | 0 | 100 | 100 | 100 | 67 | 2 |
| December 2006............... | 69 | 0 | 0 | 0 | 0 | 100 | 62 | 0 | 0 | 0 | 100 | 100 | 91 | 3 | 0 |
| December 2007................. | 61 | 0 | 0 | 0 | 0 | 100 | 39 | 0 | 0 | 0 | 100 | 100 | 44 | 0 | 0 |
| December 2008................ | 53 | 0 | 0 | 0 | 0 | 100 | 17 | 0 | 0 | 0 | 100 | 100 | 2 | 0 | 0 |
| December 2009................ | 44 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 95 | 0 | 0 | 0 |
| December 2010................ | 34 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 66 | 0 | 0 | 0 |
| December 2011............... | 24 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 39 | 0 | 0 | 0 |
| December 2012................ | 13 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 14 | 0 | 0 | 0 |
| December 2013................. | 0 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2014................ | 0 | 0 | 0 | 0 | 0 | 91 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2015............... | 0 | 0 | 0 | 0 | 0 | 81 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2016................ | 0 | 0 | 0 | 0 | 0 | 70 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2017................. | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2018................ | 0 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2019............... | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2020................ | 0 | 0 | 0 | 0 | 0 | 17 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2021................ | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2022............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 76 | 0 | 0 | 0 | 0 |
| December 2023............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 |
| December 2024............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 0 | 0 | 0 | 0 |
| December 2025............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2026................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2027............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| D ecember 2028................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2029............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Life (years)..................... | 6.9 | 2.1 | 1.5 | 1.2 | 1.0 | 16.5 | 5.6 | 3.6 | 2.7 | 2.3 | 21.9 | 9.6 | 5.9 | 4.3 | 3.5 |

Security Group 5
PSA Prepayment Assumption Rates

| Distribution Date | Class LD |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  | Class LE |  |  |  |  |
|  | 0\% | 100\% | 197\% | 300\% | 400\% | 0\% | 100\% | 197\% | 300\% | 400\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| D ecember 2002 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2003 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| D ecember 2004 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2005 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2006 ............... | 100 | 100 | 100 | 100 | 13 | 100 | 100 | 100 | 100 | 100 |
| D ecember 2007 ................ | 100 | 100 | 100 | 35 | 0 | 100 | 100 | 100 | 100 | 45 |
| D ecember 2008 ................ | 100 | 100 | 100 | 0 | 0 | 100 | 100 | 100 | 78 | 0 |
| December 2009 ................ | 100 | 100 | 55 | 0 | 0 | 100 | 100 | 100 | 32 | 0 |
| December 2010 ............... | 100 | 100 | 12 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| D ecember 2011 ................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 75 | 0 | 0 |
| December 2012 ................. | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 43 | 0 | 0 |
| December 2013 ................ | 100 | 86 | 0 | 0 | 0 | 100 | 100 | 14 | 0 | 0 |
| D ecember 2014 ................ | 100 | 56 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2015 ................ | 100 | 27 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2016 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2017 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 75 | 0 | 0 | 0 |
| December 2018 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 51 | 0 | 0 | 0 |
| D ecember 2019 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 29 | 0 | 0 | 0 |
| December 2020 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 8 | 0 | 0 | 0 |
| December 2021 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| D ecember 2022 .................. | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2023 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2024 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2025 ................ | 81 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2026 ................ | 35 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2027 ................ | 0 | 0 | 0 | 0 | 0 | 85 | 0 | 0 | 0 | 0 |
| December 2028 ................ | 0 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |
| December 2029 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030 ............... | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years)..................... | 24.7 | 13.2 | 8.1 | 5.8 | 4.6 | 26.7 | 17.1 | 10.8 | 7.7 | 6.0 |

Security Group 5
PSA Prepayment Assumption Rates

| Distribution Date | Class LG |  |  |  |  | Class LH |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 197\% | 300\% | 400\% | 0\% | 100\% | 197\% | 300\% | 400\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| D ecember 2002 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| D ecember 2003 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2004 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2005 ............... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| D ecember 2006 ................ | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2007 ................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2008 ................ | 100 | 100 | 100 | 100 | 94 | 100 | 100 | 100 | 100 | 100 |
| December 2009 ............... | 100 | 100 | 100 | 100 | 51 | 100 | 100 | 100 | 100 | 100 |
| December 2010 ................ | 100 | 100 | 100 | 95 | 19 | 100 | 100 | 100 | 100 | 100 |
| December 2011 ................ | 100 | 100 | 100 | 61 | 0 | 100 | 100 | 100 | 100 | 93 |
| December 2012 ................ | 100 | 100 | 100 | 34 | 0 | 100 | 100 | 100 | 100 | 69 |
| December 2013 ............... | 100 | 100 | 100 | 12 | 0 | 100 | 100 | 100 | 100 | 51 |
| December 2014 ................ | 100 | 100 | 89 | 0 | 0 | 100 | 100 | 100 | 92 | 37 |
| December 2015 ................ | 100 | 100 | 64 | 0 | 0 | 100 | 100 | 100 | 73 | 27 |
| December 2016 ................ | 100 | 100 | 43 | 0 | 0 | 100 | 100 | 100 | 58 | 20 |
| December 2017 ................ | 100 | 100 | 25 | 0 | 0 | 100 | 100 | 100 | 45 | 15 |
| December 2018 ................ | 100 | 100 | 9 | 0 | 0 | 100 | 100 | 100 | 35 | 11 |
| December 2019 ................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 94 | 28 | 8 |
| December 2020 ................ | 100 | 100 | 0 | 0 | 0 | 100 | 100 | 78 | 21 | 5 |
| December 2021 ................ | 100 | 86 | 0 | 0 | 0 | 100 | 100 | 64 | 16 | 4 |
| December 2022 ................ | 100 | 65 | 0 | 0 | 0 | 100 | 100 | 52 | 12 | 3 |
| December 2023 ................ | 100 | 45 | 0 | 0 | 0 | 100 | 100 | 42 | 9 | 2 |
| December 2024 ................ | 100 | 26 | 0 | 0 | 0 | 100 | 100 | 33 | 7 | 1 |
| December 2025 ................ | 100 | 9 | 0 | 0 | 0 | 100 | 100 | 26 | 5 | 1 |
| December 2026 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 89 | 19 | 3 | 1 |
| December 2027 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 68 | 14 | 2 | 0 |
| D ecember 2028 ................ | 100 | 0 | 0 | 0 | 0 | 100 | 48 | 9 | 1 | 0 |
| D ecember 2029 ................ | 71 | 0 | 0 | 0 | 0 | 100 | 29 | 5 | 1 | 0 |
| December 2030 ................ | 1 | 0 | 0 | 0 | 0 | 100 | 11 | 2 | 0 | 0 |
| D ecember 2031 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years)...................... | 28.3 | 21.8 | 14.8 | 10.5 | 8.1 | 29.5 | 27.0 | 21.9 | 16.6 | 13.0 |

Security Group 6
PSA Prepayment Assumption Rates

| Distribution Date | Classes FD, LO, SD and SL |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |
|  | 0\% | 125\% | 258\% | 375\% | 525\% |
| Initial Percent .................. | 100 | 100 | 100 | 100 | 100 |
| D ecember 2002 ............... | 99 | 91 | 83 | 76 | 67 |
| December $2003 . . . . . . . . . . . . . .$. | 98 | 83 | 69 | 58 | 45 |
| December 2004............... | 97 | 75 | 57 | 44 | 30 |
| December $2005 . . . . . . . . . . . . . .$. | 95 | 68 | 47 | 33 | 20 |
| December 2006 ............... | 94 | 61 | 39 | 25 | 14 |
| December $2007 . . . . . . . . . . . . . .$. | 93 | 55 | 32 | 19 | 9 |
| December 2008................ | 91 | 50 | 26 | 14 | 6 |
| December 2009 ................ | 89 | 44 | 22 | 11 | 4 |
| December 2010 ............... | 88 | 40 | 18 | 8 | 3 |
| December 2011 ................ | 86 | 35 | 14 | 6 | 2 |
| December 2012 ................ | 84 | 31 | 12 | 4 | 1 |
| December 2013............... | 82 | 27 | 9 | 3 | 1 |
| December 2014................ | 79 | 24 | 7 | 2 | 0 |
| December 2015............... | 77 | 21 | 6 | 2 | 0 |
| December 2016................ | 74 | 18 | 5 | 1 | 0 |
| December 2017............... | 71 | 15 | 4 | 1 | 0 |
| December $2018 . . . . . . . . . . . . . .$. | 68 | 13 | 3 | 1 | 0 |
| December 2019 ................ | 65 | 10 | 2 | 0 | 0 |
| December 2020 ................ | 61 | 8 | 1 | 0 | 0 |
| December 2021 ................ | 57 | 6 | 1 | 0 | 0 |
| December 2022 ............... | 53 | 5 | 1 | 0 | 0 |
| December 2023............... | 49 | 3 | 0 | 0 | 0 |
| December 2024................ | 44 | 1 | 0 | 0 | 0 |
| December 2025................ | 39 | 0 | 0 | 0 | 0 |
| December 2026............... | 34 | 0 | 0 | 0 | 0 |
| December 2027 ................ | 28 | 0 | 0 | 0 | 0 |
| December 2028................ | 22 | 0 | 0 | 0 | 0 |
| December $2029 . . . . . . . . . . . . . .$. | 15 | 0 | 0 | 0 | 0 |
| December 2030 ............... | 8 | 0 | 0 | 0 | 0 |
| December 2031 ................ | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |
| Life (years) ...................... | 19.9 | 8.3 | 5.1 | 3.6 | 2.5 |

Security Group 7
PSA Prepayment Assumption Rates

| Distribution Date | Class MA |  |  |  |  | Class MB |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 190\% | 300\% | 400\% | 0\% | 100\% | 190\% | 300\% | 400\% |
| Initial Percent................... | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002 ................ | 99 | 91 | 84 | 76 | 69 | 100 | 100 | 100 | 100 | 100 |
| December 2003 ................ | 98 | 82 | 70 | 57 | 45 | 100 | 100 | 100 | 100 | 100 |
| December 2004 ................ | 96 | 74 | 58 | 41 | 27 | 100 | 100 | 100 | 100 | 100 |
| December 2005 ................ | 95 | 66 | 47 | 28 | 14 | 100 | 100 | 100 | 100 | 100 |
| December 2006 ................ | 93 | 59 | 38 | 18 | 4 | 100 | 100 | 100 | 100 | 100 |
| December 2007 ................ | 92 | 53 | 29 |  | 0 | 100 | 100 | 100 | 100 | 87 |
| December 2008 ................ | 90 | 46 | 22 | 2 | 0 | 100 | 100 | 100 | 100 | 64 |
| December 2009 ................ | 88 | 40 | 16 | 0 | 0 | 100 | 100 | 100 | 87 | 48 |
| December 2010 ................ | 86 | 34 | 10 | 0 | 0 | 100 | 100 | 100 | 70 | 35 |
| December 2011 ............... | 83 | 29 | 5 | 0 | 0 | 100 | 100 | 100 | 55 | 26 |
| December 2012 ................ | 81 | 24 | 1 | 0 | 0 | 100 | 100 | 100 | 44 | 19 |
| December 2013 ................ | 78 | 19 | 0 | 0 | 0 | 100 | 100 | 87 | 35 | 14 |
| December 2014 ................ | 76 | 15 | 0 | 0 | 0 | 100 | 100 | 74 | 27 | 10 |
| December 2015 ................ | 73 | 11 | 0 | 0 | 0 | 100 | 100 | 63 | 21 | 7 |
| December 2016 ................ | 69 | 7 | 0 | 0 | 0 | 100 | 100 | 52 | 16 | 5 |
| December 2017 ................ | 66 | 3 | 0 | 0 | 0 | 100 | 100 | 44 | 13 | 4 |
| December 2018 ................ | 62 | 0 | 0 | 0 | 0 | 100 | 98 | 36 | 10 | 3 |
| December 2019 ................ | 58 | 0 | 0 | 0 | 0 | 100 | 85 | 29 | 7 | 2 |
| December 2020 ................ | 53 | 0 | 0 | 0 | 0 | 100 | 73 | 24 | 5 | 1 |
| December 2021 ................ | 49 | 0 | 0 | 0 | 0 | 100 | 61 | 19 | 4 | 1 |
| December 2022 ................ | 43 | 0 | 0 | 0 | 0 | 100 | 50 | 14 | 3 | 1 |
| December 2023 ................ | 38 | 0 | 0 | 0 | 0 | 100 | 39 | 11 | 2 | 0 |
| December 2024 ................ | 32 | 0 | 0 | 0 | 0 | 100 | 29 | 8 | 1 | 0 |
| December 2025 ................ | 26 | 0 | 0 | 0 | 0 | 100 | 20 | 5 | 1 | 0 |
| December 2026 ................ | 19 | 0 | 0 | 0 | 0 | 100 | 11 | 3 | 0 | 0 |
| December 2027 ................ | 11 | 0 | 0 | 0 | 0 | 100 | 3 | 1 | 0 | 0 |
| December 2028 ................ | 3 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2029 ................ | 0 | 0 | 0 | 0 | 0 | 78 | 0 | 0 | 0 | 0 |
| December 2030 ................ | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 |
| December 2031 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years)....................... | 18.1 | 7.1 | 4.3 | 2.8 | 2.1 | 28.7 | 21.2 | 16.2 | 11.5 | 8.8 |

Security Group 7
PSA Prepayment Assumption Rates

| Distribution Date | Class MC |  |  |  |  | Class MD |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0\% | 100\% | 190\% | 300\% | 400\% | 0\% | 100\% | 190\% | 300\% | 400\% |
| Initial Percent.................. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| December 2002 ................ | 99 | 89 | 82 | 73 | 64 | 100 | 100 | 100 | 100 | 100 |
| December 2003 ................ | 97 | 80 | 66 | 50 | 37 | 100 | 100 | 100 | 100 | 100 |
| December 2004 ............... | 96 | 70 | 52 | 32 | 17 | 100 | 100 | 100 | 100 | 100 |
| December 2005 ................ | 94 | 62 | 39 | 17 | 1 | 100 | 100 | 100 | 100 | 100 |
| December 2006 ............... | 92 | 53 | 28 | 5 | 0 | 100 | 100 | 100 | 100 | 32 |
| December 2007 ................ | 90 | 45 | 19 | 0 | 0 | 100 | 100 | 100 | 71 | 0 |
| December 2008 ............... | 88 | 38 | 11 | 0 | 0 | 100 | 100 | 100 | 18 | 0 |
| December 2009 ................ | 86 | 31 | 3 | 0 | 0 | 100 | 100 | 100 | 0 | 0 |
| December 2010 ................ | 84 | 25 | 0 | 0 | 0 | 100 | 100 | 77 | 0 | 0 |
| December 2011 ................ | 81 | 19 | 0 | 0 | 0 | 100 | 100 | 39 | 0 | 0 |
| December 2012 ................ | 78 | 13 | 0 | 0 | 0 | 100 | 100 | 5 | 0 | 0 |
| December 2013 ................ | 75 | 8 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2014 ................ | 72 | 2 | 0 | 0 | 0 | 100 | 100 | 0 | 0 | 0 |
| December 2015 ............... | 69 | 0 | 0 | 0 | 0 | 100 | 84 | 0 | 0 | 0 |
| December 2016 ................ | 65 | 0 | 0 | 0 | 0 | 100 | 53 | 0 | 0 | 0 |
| December 2017 ................ | 61 | 0 | 0 | 0 | 0 | 100 | 24 | 0 | 0 | 0 |
| December 2018 ................ | 56 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2019 ................ | 52 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2020 ................ | 47 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2021 ................ | 41 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2022 ................ | 35 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2023 ................ | 29 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2024 ............... | 22 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2025 ................ | 15 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2026 ................ | 7 | 0 | 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 |
| December 2027 ................ | 0 | 0 | 0 | 0 | 0 | 87 | 0 | 0 | 0 | 0 |
| December 2028 ................ | 0 | 0 | 0 | 0 | 0 | 24 | 0 | 0 | 0 | 0 |
| December 2029 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2030 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| December 2031 ................ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average |  |  |  |  |  |  |  |  |  |  |
| Life (years)..................... | 16.8 | 5.9 | 3.5 | 2.3 | 1.7 | 26.6 | 15.2 | 9.8 | 6.4 | 4.8 |

## Yield Considerations

An investor seeking to maximize yield should make a decision whether to invest in any 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 the Group 2 Securities, the investor's own projection of principal payment rates on the Underlying Certificate 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, Underlying Certificate payment 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 Interest O nly Securities), faster than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
- Investors in the Interest Only Classes should also consider the risk that rapid rates of principal payments could result in the failure of investors to recover fully their investments.
- In the case of Regular Securities or MX Securities purchased at a discount (especially Principal Only Securities), slower than anticipated rates of principal payments could result in actual yields to investors that are lower than the anticipated yields.
Se "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 Group of Trust Assets 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 D ate is not likely to be offset by a later equivalent reduction (or increase) in the rate of principal prepayments.

LIBOR: E ffect on Y ields of the Floating Rate and Inverse Floating Rate Classes
Low levels of LIBOR can reduce the yield of the Floating Rate Classes. High levels of LIBOR can significantly reduce the yield of the Inverse Floating Rate Classes.

Payment D elay: E ffect on Y ields of the Fix ed Rate and D elay 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 D ate, 30 days interest will be payable on (or added to the principal amount of) that Class even though interest began to accrue approximately 46 or 50 days earlier as applicable.

## Yield Tables

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

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

The yields were calculated by

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

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

The information set forth in the following tables was prepared on the basis of the Modeling Assumptions and the assumptions that (1) the Interest Rate applicable to each Inverse Floating Rate Class for each Accrual Period following the first Accrual Period will be based on the indicated level of LIBOR and (2) the purchase price of each Class (expressed as a percentage of its original Class Principal Balance or Class Notional Balance) plus accrued interest (in the case of the interest bearing Classes) 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 A0 to Prepayments Assumed Price 50.00\%

| PSA Prepayment Assumption Rates |  |  |  |
| :---: | :--- | :---: | :--- |
| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{2 1 9} \%}$ | $\underline{250} \%$ | $\underline{\mathbf{4 5 0} \%}$ |
| $\mathbf{2 . 9 \%}$ | $10.2 \%$ | $\mathbf{1 6 . 3 \%}$ | $\mathbf{3 3 . 6 \%}$ |

Sensitivity of Class BO to Prepayments Assumed Price 55.00\%

PSA Prepayment Assumption Rates

| $\frac{\mathbf{1 0 0 \%}}{2.8 \%}$ | $\frac{\mathbf{2 1 9 \%}}{14.6 \%}$ | $\frac{\mathbf{2 5 0 \%}}{18.3 \%}$ | $\underline{\mathbf{4 5 0} \%}$ |
| :--- | :--- | :--- | :--- |
| $33.0 \%$ |  |  |  |

## Sensitivity of Class CO to Prepayments

 Assumed Price 62.00\%PSA Prepayment Assumption Rates

| PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: |
| 100\% | 219\% | 250\% | 450\% |
| 2.2\% | 11.6\% | 17.5\% | 34.0\% |

Sensitivity of Class DO to Prepayments Assumed Price 50.00\%

PSA Prepayment Assumption Rates

| $\frac{100 \%}{2.9 \%}$ | $\frac{\mathbf{2 1 9} \%}{10.2 \%}$ | $\frac{250 \%}{16.3 \%}$ | $\underline{450 \%}$ |
| :---: | :---: | :---: | :---: |
| $33.6 \%$ |  |  |  |

Sensitivity of Class GO to Prepayments
Assumed Price 50.00\%
PSA Prepayment Assumption Rates

| $\mathbf{1 0 0 \%}$ | $9 \%$ |  | $\frac{\mathbf{2 1 9} \%}{10.2 \%}$ |
| :--- | :--- | :---: | :--- |$\frac{\mathbf{2 5 0 \%}}{\mathbf{1 6 . 3 \%}} \quad \frac{\mathbf{4 5 0 \%}}{33.6 \%}$

## Sensitivity of Class M0 to Prepayments Assumed Price 75.00\%

PSA Prepayment Assumption Rates


[^0]
## Sensitivity of Class SM to Prepayments Assumed Price 18.00\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 219\% | 250\% | 450\% |
| 1.110\% .... | 63.1\% | 58.4\% | 53.6\% | 21.4\% |
| 2.110\%.. | 56.5\% | 51.1\% | 45.7\% | 11.7\% |
| 4.110\%.. | 43.4\% | 36.5\% | 29.5\% | (8.7)\% |
| 6.750\% and above... | 26.7\% | 17.2\% | 6.2\% | (38.9)\% |

## SECURITY GROUP 3

Sensitivity of Class JO to Prepayments Assumed Price 81.00\%

PSA Prepayment Assumption Rates

| $\mathbf{1 0 0 \%}$ | $\frac{215 \%}{4.1 \%}$ | $\frac{350 \%}{6.3 \%}$ | $\frac{\mathbf{4 5 0 \%}}{8.1 \%}$ |
| :--- | :--- | :--- | :--- |

Sensitivity of Class SA to Prepayments
Assumed Price 110.50\%*


Sensitivity of Class SJ to Prepayments
Assumed Price 29.00\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 215\% | 350\% | 450\% |
| 1.090\% | 80.2\% | 70.2\% | 57.8\% | 48.1\% |
| 2.090\%. | 66.2\% | 56.6\% | 44.8\% | 35.6\% |
| 5.090\%.. | 26.5\% | 18.2\% | 8.0\% | 0.1\% |
| 8.100\% and above.... | ** | ** | ** | ** |

[^1]
## SECURITY GROUP 4

## Sensitivity of Class KO to Prepayments Assumed Price 80.00\%

PSA Prepayment Assumption Rates

| $\mathbf{1 0 0 \%}$ | $\underline{\mathbf{1 9 7} \%}$ | $\frac{\mathbf{3 0 0} \%}{5.8 \%}$ | $\underline{\mathbf{4 0 0} \%}$ |
| :---: | :---: | :---: | :---: |
| $2.8 \%$ | $4.1 \%$ | $5.7 \%$ |  |

Sensitivity of Class SB to Prepayments
Assumed Price 101.00\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 100\% | 197\% | 300\% | 400\% |
| 1.090\% ..................................................................... | 16.9\% | 16.8\% | 16.7\% | 16.6\% |
| 2.090\% | 14.4\% | 14.3\% | 14.2\% | 14.1\% |
| 5.090\% ....................................................................... | 7.0\% | 6.9\% | 6.9\% | 6.8\% |
| 8.000\% and above... | 0.0\% | 0.0\% | (0.1)\% | (0.1)\% |

Sensitivity of Class SK to Prepayments
Assumed Price 21.00\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 100\% | 197\% | 300\% | 400\% |
| 1.090\% | 80.7\% | 72.2\% | 62.9\% | 53.4\% |
| 2.090\% ................................................................................ | 66.4\% | 58.3\% | 49.4\% | 40.4\% |
|  | 26.0\% | 19.0\% | 11.3\% | 3.6\% |
| 8.000\% and above. | ** | ** | ** | ** |

# SECURITY GROUP 6 <br> Sensitivity of Class LO to Prepayments Assumed Price 80.00\% 

PSA Prepayment Assumption Rates

| $\mathbf{1 2 5 \%}$ | $\underline{\mathbf{2 5 8} \%}$ | $\underline{\mathbf{3 7 5} \%}$ | $\underline{\mathbf{5 2 5} \%}$ |
| :---: | :---: | :---: | :---: |
| $2.9 \%$ | $4.9 \%$ | $10.2 \%$ |  |

[^2]
## Sensitivity of Class SD to Prepayments <br> Assumed Price 103.00\%*

| LIBOR | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 125\% | 258\% | 375\% | 525\% |
| 0.940\% | 23.0\% | 22.7\% | 22.4\% | 22.0\% |
| 1.940\% .................................................................... | 19.6\% | 19.3\% | 19.0\% | 18.6\% |
| 4.940\% ...................................................................... | 9.6\% | 9.4\% | 9.2\% | 8.9\% |
| 8.000\% and above ..................................................... | (0.2)\% | (0.4)\% | (0.5)\% | (0.8)\% |

## Sensitivity of Class SL to Prepayments <br> Assumed Price 23.00\%*

|  | PSA Prepayment Assumption Rates |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| LIBOR | 125\% | 258\% | 375\% | 525\% |
| 0.940\% | 107.5\% | 94.6\% | 82.7\% | 66.5\% |
| 1.940\%. | 88.8\% | 76.6\% | 65.3\% | 50.1\% |
| 4.940\% . | 36.8\% | 26.5\% | 17.1\% | 4.4\% |
| 8.000\% and above ...................................................... | ** | ** | ** | ** |

[^3]
## CERTAIN FEDERAL INCOME TAX CONSEQUENCES

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

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

## REMIC Elections

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

## Regular Securities

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

The Class AO, BO, CO, JO, KO, LO, MO, PK and QO Securities are Principal Only Securities. Principal Only Securities are treated for federal income tax purposes as having been
issued with an amount of original issue discount ("OID") equal to the difference between their principal balance and their issue price.

The Class PJ, SJ, SK, SL and SM Securities are "Interest Weighted Securities" as described in "Certain Federal Income Tax Consequences - Tax Treatment of Regular Securities - Interest Weighted Securities and Non-VRDI Securities" in the Base Offering Circular. Although the tax treatment of Interest Weighted Securities is not entirely certain, Holders of the Interest Weighted Securities should expect to accrue all income on these Securities (other than income attributable to market discount or de minimis market discount) under the OID rules based on the expected payments on these securities at the prepayment assumption described below.

The Class ZP Securities are Accrual Securities. Holders of Accrual Securities are required to accrue all income from their Securities (other than income attributable to market discount or de minimis market discount) under the OID rules based on the expected payments on the Accrual Securities at the prepayment assumption described below.

Based on anticipated prices (including accrued interest), the assumed Mortgage Loan characteristics, the prepayment assumption described below and, in the case of the Floating Rate Securities, the constant LIBOR value described below, Classes MC and MD in addition to those described in the preceding three paragraphs, are expected to be issued with OID .

Prospective investors in the Securities should be aware, however, that the foregoing expectations about OID could change because of differences (1) between anticipated purchase prices and actual purchase prices or (2) between the assumed characteristics of the Trust A ssets and the characteristics of the Trust Assets actually delivered to the Trust. The prepayment assumption that should be used in determining the rates of accrual of OID, if any, on the Regular Securities is 219\% PSA in the case of the Group 1 Securities, 325\% PSA in the case of the Group 2 Securities, $215 \%$ PSA in the case of the Group 3 Securities, 197\% PSA in the case of the Group 4 and the Group 5 Securities, 258\% PSA in the case of the G roup 6 Securities and 190\% PSA in the case of the Group 7 Securities (as described in "Yield, Maturity and Prepayment Considerations" in this Supplement). In the case of Floating Rate Classes, the value of LIBOR to be used for these determinations is $2.11 \%$ in the case of Group 1, $2.09 \%$ in the case of Group 3 and Group 4 Securities, and $1.94 \%$ in the case of Group 6 Securities. 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 "C ertain F ederal Income T ax C onsequenoes" in the Base 0 ffering Ciraular.

OID accruals on the Underlying Certificate will be computed using the same prepayment assumption as set forth above for the G roup 2 Securities.

The Regular Securities generally will be treated as "regular interests" in a REMIC for domestic building and loan associations, "permitted assets" for financial asset securitization investment trusts ("FASITs"), and "real estate assets" for real estate investment trusts ("REITs") as described in "Certain 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.

## 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 Federal Income Tax Consequences" in the Base Offering Circular, but will not be treated as debt for federal income tax purposes. Instead, the Holders of the Residual Securities will be required to report, and will be taxed on, their pro rata shares of the taxable income or loss of the related Trust REMIC, 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 aftertax return for the Residual Holders. It is not expected that the Pooling REMIC will have a substantial amount of taxable income or loss in any period. However, even though the Holders of the Class RR Securities are not entitled to any stated principal or interest payments on the Class RR Securities, the Issuing REMIC may have substantial taxable income in certain periods, and offsetting tax losses may not occur until much later periods. Accordingly, a Holder of the Class RR 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.

On December 8, 2000, the IRS issued Revenue Procedure 2001-12, effective February 4, 2000 pending finalization of proposed regulations, which expands the safe harbor for transfers of noneconomic residual interests to include transfers to certain taxable domestic corporations with significant gross and net assets, provided that those corporations agree to transfer the residual interests only to other taxable domestic corporations in transactions qualifying for one of the safe harbor provisions. Eligibility for the expanded safe harbor requires, among other things, that the transferor not know of any facts or circumstances that reasonably indicate that the taxes associated with the residual interest will not be paid. The Revenue Procedure provides that transfers to foreign branches of domestic corporations or transfers involving arrangements that subject income from the residual interest to net tax by a foreign country or possession of the United States is not within the safe harbor, and also provides that if the amount of consideration given to the transferee to acquire the residual interest is so low that under any set of reasonable assumptions a reasonable person would conclude that the taxes associated with holding the residual interest will not be paid, then the transferor will be deemed to know that the transferee cannot or will not pay those taxes. See "C ertain Federal Income Tax C onsequences - Tax T reatment of Residual Securities - N onReoognition of C ertain Transfers for F ederal Income Tax Purposes" in the Base 0 ffering Circular.

## Effect of the Economic Growth and Tax Relief Reconciliation Act of 2001

As a result of the Economic Growth and Tax Relief Reconciliation Act of 2001, limitations imposed by section 68 of the Code on claiming itemized deductions will be phased-out commencing in 2006, which will affect individuals holding either Regular Securities in Single Class REMICs or Residual Securities. In addition, starting in 2001, the backup withholding rate will start declining from $31 \%$ until leveling at $28 \%$ in 2006. Unless the statute is amended, all provisions of the Economic Growth and Tax Relief Reconciliation Act of 2001 will no longer apply for taxable years beginning after December 31, 2010. For information relating to itemized deduction and backup withholding for taxable years beginning on or after January 1, 2011, see "Certain Federal Income Tax Consequences - Tax Treatment of Regular Securities - Single Class REMICs," "- Tax Treatment of Residual Securities - Special C onsiderations for Certain Types of Investors - Individuals and Pass Through Entities" and "- Backup Withholding" in the Base Offering Circular. Investors are encouraged to consult their own tax advisors with respect to the new legislation.

## MX Securities

For a discussion of certain federal income tax consequences applicable to the MX Classes, see "Certain Federal Income Tax Consequenoes - Tax Treatment of MX Seaurities", "- Exchanges of MX Classes and Regular Classes" and "- Taxation of Foreign H olders of RE MIC Securities and MX Securities" in the Base 0 ffering Circular.

## 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 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"), solely by reason of the Plan's purchase and holding of that certificate.

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.

Se "E RISA C onsiderations" in the Base 0 ffering Circular.
The Residual Securities are not offered to, and may not be transferred to, Plans.

## 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.

Se "L egal Investment C onsiderations" in the Base 0 ffering 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 each Class to the public from time to time for sale in negotiated transactions at varying prices to be determined at the time of sale, plus accrued interest, if any, from (1) December 1, 2001 on the Fixed Rate Classes, (2) D ecember 16, 2001 on the Groups 3, 4, and 6 Floating Rate and Inverse Floating Rate Classes, and (3) December 20, 2001 on the Group 1 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) of each Class, (2) the Original Component Principal Balance of each Component and (3) the Scheduled Principal Balances and Aggregate Scheduled Principal Balances of each Class or Component receiving principal distributions from the same Trust A sset Group will increase by the same proportion. The Trust Agreement, the Final Data Statement, the Final Schedules and the Supplemental Statement, if any, will reflect any increase in the size of the transaction.

## LEGAL MATTERS

Certain legal matters will be passed upon for Ginnie Mae by Hunton \& Williams, for the Trust by Cleary, Gottlieb, Steen \& Hamilton and Marcell Solomon \& Associates, P.C., and for the Trustee by Ungaretti \& Harris, Chicago, Illinois.

## Schedule I

Available Combinations


## Available Combinations

| REMIC Secumities |  | MX Secunities |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Class | Oniginal Class <br> Pnincipal Balance orClass <br> Notional Balance | Related MX Class | Maximum Original Class Principal Balance(1) | Principal Type (2) | Interest <br> Rate | Interest <br> Type (2) | CUSIP <br> Number | Final Distribution Date (3) | Increased <br> Minimum <br> Denomination <br> (6) |
| Secuity Group 3 <br> Combination 11 |  |  |  |  |  |  |  |  |  |
| $\begin{gathered} \text { JO } \\ \text { SJ } \end{gathered}$ | $\begin{array}{r} \$ 23,076,923 \\ 23,076,923 \end{array}$ | SA | \$23,076,923 | PT | (5) | INV | 38373TXJ9 | November 2024 | \$91,000 |
| Secuity Group 4 |  |  |  |  |  |  |  |  |  |
| Combination 12 <br> KO <br> SK | $\begin{array}{r} \$ 14,705,882 \\ 14,705,882 \end{array}$ | SB | \$14,705,882 | PT | (5) | INV | 38373TXK6 | August 2026 | \$100,000 |
| Secunity Group 6 |  |  |  |  |  |  |  |  |  |
| LO <br> SL | $\begin{array}{r} \$ 15,384,614 \\ 15,384,614 \end{array}$ | SD | \$15,384,614 | PT | (5) | INV | 383731 XL4 | October 2027 | \$97,000 |
| Secunity Group 7 |  |  |  |  |  |  |  |  |  |
| $\begin{aligned} & \mathrm{MC} \\ & \mathrm{MD} \end{aligned}$ | $\begin{array}{r} \$ 65,355,000 \\ 9,645,000 \end{array}$ | MA | \$75,000,000 | SEQ | 6.00\% | FIX | 38373TXM2 | May 2029 | N/ A |

(1) The amount shown for each MX Class represents the maximum Original Class Principal Balance of that Class, assuming it were to be issued on the Closing Date.
(2) As defined under "Class Types" in Appendix I to this Supplement.
(3) See "Yield, Maturity and Prepayment Considerations - Final Distribution Date" in this Supplement.
(4) MX Class.
(5) The Interest Rate will be calculated as described under "Tems Sheet - Interest Rates" in this Supplement.
(6) Each Class will be issued in the denominations specified. If no denomination is indicated for a Class, that Class will be issued in the denomination specified under "Description of the Securities - Form of Securities" in this Supplement.

## Schedule II

## SCHEDULED PRIN CIPAL BALANCES

Distribution Date
Initial Balance
January 2002
February 2002
March 2002
April 2002.
May 2002
June 2002
July 2002
August 2002
September 2002
O ctober 2002
November 2002
D ecember 2002
January 2003
February 2003
March 2003
A pril 2003.
May 2003
June 2003
July 2003
August 2003
September 2003
O ctober 2003
November 2003
D ecember 2003
January 2004
February 2004
March 2004
April 2004.
May 2004
June 2004
July 2004
August 2004
September 2004
October 2004
November 2004
D ecember 2004
January 2005
February 2005
March 2005
April 2005
May 2005

Classes QH, BK1, QJ, PK, PV, QV and ZP (in the aggregate)
\$637,841,052.00
636,754,862.40
635,514,377.01
634,119,897.60
632,571,805.59
630,870,561.94
629,016,707.11
627,010,860.83
624,853,721.89
622,546,067.83
620,088,754.52
617,482,715.78
614,728,962.79
611,828,583.57
608,782,742.27
605,592,678.50
602,259,706.52
598,785,214.38
595,170,663.04
591,417,585.35
587,527,585.03
583,502,335.55
579,343,578.96
575,053,124.67
570,632,848.18
566,084,689.67
561,410,652.66
556,612,802.54
551,693,265.01
546,654,224.57
541,640,715.12
536,652,605.19
531,689,763.96
526,752,061.31
521,839,367.78
516,951,554.56
512,088,493.53
507,250,057.20
502,436,118.76
497,646,552.03
492,881,231.51
488,140,032.31

Class BK2

\$11,744,000.00 11,733,694.61 11,716,756.63 11,694,183.85
11,665,991.44
11,632,200.83 11,592,839.70 11,547,941.96 11,497,547.76 11,441,703.44
11,380,461.49
11,313,880.54
11,242,025.27
11,164,966.36
11,082,780.43 10,995,549.94
10,903,363.14
10,806,313.93
10,704,501.80
10,598,031.66
10,487,013.80
10,371,563.69
10,251,801.88
10,127,853.86
9,999,849.90
9,867,924.87
9,732,218.14
9,592,873.35
9,450,038.24
9,303,864.51
9,159,732.84
9,017,626.02
8,877,527.00
8,739,418.81
8,603,284.65
8,469,107.82
8,336,871.75
8,206,560.00
8,078,156.24
7,951,644.28
7,827,008.05
7,704,231.58

| Classes QH, BK1, QJ, <br> PK, PV, QV and ZP <br> (in the aggregate) |  |
| ---: | ---: |
| $\$ 483,422,830.21$ | Class BK2 |
| $478,729,501.61$ | $7,463,299.03$ |
| $474,059,923.55$ | $7,346,902.70$ |
| $469,41,93,973.72$ | $7,231,408.38$ |
| $464,791,530.40$ | $7,117,695.54$ |
| $460,192,472.55$ | $7,005,749.21$ |
| $455,616,679.69$ | $6,895,554.26$ |
| $451,064,032.02$ | $6,787,095.65$ |
| $446,534,410.31$ | $6,680,358.49$ |
| $442,027,695.98$ | $6,575,327.97$ |
| $437,543,771.02$ | $6,471,989.42$ |
| $433,082,518.05$ | $6,370,3288.24$ |
| $428,643,820.31$ | $6,270,329.99$ |
| $424,227,561.60$ | $6,171,980.31$ |
| $419,833,626.36$ | $6,075,264.94$ |
| $415,461,899.59$ | $5,980,169.76$ |
| $411,112,266.90$ | $5,886,680.72$ |
| $406,784,614.48$ | $5,794,783.91$ |
| $402,478,829.11$ | $5,704,465.50$ |
| $398,194,798.15$ | $5,615,711.77$ |
| $393,932,409.54$ | $5,528,509.12$ |
| $389,691,551.80$ | $5,442,844.04$ |
| $385,472,114.01$ | $5,358,703.11$ |
| $381,273,985.84$ | $5,276,073.04$ |
| $377,097,057.52$ | $5,194,940.63$ |
| $372,941,219.83$ | $5,115,292.76$ |
| $368,806,364.13$ | $5,037,116.44$ |
| $364,692,382.33$ | $4,960,398.76$ |
| $360,599,166.90$ | $4,885,126.92$ |
| $356,526,610.85$ | $4,811,288.21$ |
| $352,474,607.77$ | $4,738,870.01$ |
| $348,443,051.77$ | $4,667,859.81$ |
| $344,431,837.50$ | $4,598,245.19$ |
| $340,440,860.18$ | $4,530,013.83$ |
| $336,470,015.55$ | $4,463,153.49$ |
| $332,519,199.89$ | $4,397,652.03$ |
| $328,583,310.01$ | $4,333,497.42$ |
| $324,677,243.25$ | $4,270,677.69$ |
| $320,785,897.49$ | $4,209,181.00$ |
| $316,914,171.11$ | $4,148,995.55$ |
| $313,061,963.05$ | $4,090,109.69$ |
| $309,229,172.73$ | $4,032,511.81$ |
| $305,415,700.12$ | $3,976,190.41$ |
| $301,621,445.68$ | $3,921,134.09$ |
| $297,846,310.40$ | $3,867,331.51$ |

Distribution Date
June 2005
July 2005
August 2005
September 2005
O ctober 2005
November 2005
D ecember 2005
January 2006
February 2006
March 2006


April 2006.
May 2006
June 2006
July 2006
August 2006
September 2006
October 2006
November 2006
D ecember 2006
January 2007
February 2007
March 2007
April 2007.
May 2007
June 2007
July 2007
August 2007
September 2007
O ctober 2007.
November 2007
D ecember 2007
January 2008
February 2008
March 2008 $\qquad$
April 2008.
May 2008
June 2008
July 2008
August 2008
September 2008
October 2008
November 2008
D ecember 2008
January 2009
February 2009

| Classes QH, BK1, QJ, |  |
| :---: | :---: |
| $\mathrm{PK}, \mathrm{PV}, \mathrm{QV} \text { and } \mathrm{ZP}$ |  |
| (in the aggregate) | Class BK2 |
| \$294,090,195.77 | \$3,814,771.44 |
| 290,353,003.78 | 3,763,442.72 |
| 286,634,636.94 | 3,713,334.29 |
| 282,934,998.24 | 3,664,435.16 |
| 279,253,991.20 | 3,616,734.44 |
| 275,591,519.81 | 3,570,221.32 |
| 271,947,488.55 | 3,524,885.07 |
| 268,321,802.42 | 3,480,715.04 |
| 264,714,366.89 | 3,437,700.67 |
| 261,125,087.90 | 3,395,831.47 |
| 257,553,871.91 | 3,355,097.04 |
| 254,000,625.84 | 3,315,487.06 |
| 250,465,257.08 | 3,276,991.30 |
| 246,947,673.51 | 3,239,599.58 |
| 243,447,783.48 | 3,203,301.83 |
| 239,965,495.82 | 3,168,088.03 |
| 236,500,719.82 | 3,133,948.27 |
| 233,053,365.23 | 3,100,872.69 |
| 229,623,342.27 | 3,068,851.52 |
| 226,210,561.63 | 3,037,875.06 |
| 222,814,934.44 | 3,007,933.69 |
| 219,436,372.32 | 2,979,017.87 |
| 216,087,153.02 | 2,948,026.67 |
| 212,786,127.41 | 2,914,949.53 |
| 209,532,622.36 | 2,881,034.63 |
| 206,325,974.02 | 2,846,310.58 |
| 203,165,527.64 | 2,810,805.36 |
| 200,050,637.49 | 2,774,546.38 |
| 196,980,666.70 | 2,737,560.47 |
| 193,954,987.18 | 2,699,873.88 |
| 190,972,979.46 | 2,661,512.31 |
| 188,034,032.59 | 2,622,500.91 |
| 185,137,544.03 | 2,582,864.28 |
| 182,282,919.52 | 2,542,626.51 |
| 179,469,573.00 | 2,501,811.16 |
| 176,696,926.45 | 2,460,441.28 |
| 173,964,409.82 | 2,418,539.41 |
| 171,271,460.89 | 2,376,127.62 |
| 168,617,525.20 | 2,333,227.47 |
| 166,002,055.92 | 2,289,860.07 |
| 163,424,513.73 | 2,246,046.04 |
| 160,884,366.76 | 2,201,805.57 |
| 158,381,090.46 | 2,157,158.38 |
| 155,914,167.50 | 2,112,123.75 |
| 153,483,087.69 | 2,066,720.54 |

Distribution Date
March 2009
April 2009.
May 2009
June 2009
July 2009
August 2009
September 2009
October 2009
November 2009
D ecember 2009
January 2010
February 2010
March 2010
April 2010.
May 2010
June 2010
July 2010
August 2010
September 2010
October 2010
November 2010
D ecember 2010
January 2011
February 2011
March 2011
April 2011
May 2011
June 2011
July 2011
August 2011
September 2011
October 2011
November 2011
D ecember 2011
January 2012
February 2012
March 2012
April 2012
May 2012
June 2012
July 2012
August 2012
September 2012
O ctober 2012
November 2012

Classes QH, BK1, QJ, PK, PV, QV and ZP (in the aggregate)

\$294,090,195.77
290,353,003.78
286,634,636.94
282,934,998.24
279,253,991.20
275,591,519.81
271,947,488.55
268,321,802.42
264,714,366.89
261,125,087.90
254,000,625.84
250,465,257.08
246,947,673.51

239 965,495.82
236,500,719.82
233,053,365.23
229,623,342.27
226,210,561.63
222,814,934.44
19,436,372.32
216,087,153.02

209,532,622.36
206,325,974.02
203,165,527.64
200,050,637.49
193,954, 087,18
190,972,979.46
188,034,032.59
185,137,544.03
182,282,919.52
179,469,573.00
176,696,926.45
173,964,409.82
171,271,460.89
168,617,525.20
166,002,055.92
163,424,513.73
150,301,090,46
155,914,167.50
153,483,087.69

Class BK2
\$3,814,771.44
3,763,442.72
3,713,334.29
3,664,435.16
3,616,734.44
3,570,221.32
3,524,885.07
3,480,715.04
3,437,700.67
3,395,831.47
3,355,097.04
3,315,487.06
3,276,991.30
3,239,599.58
3,203,301.83
3,168,088.03
3,133,948.27
3,100,872.69
3,068,851.52
3,037,875.06
3,007,933.69
2,979,017.87
2,948,026.67
2,914,949.53
2,881,034.63
2,846,310.58
2,810,805.36
2,774,546.38
2,737,560.47
2,699,873.88
2,661,512.31
2,622,500.91
2,582,864.28
2,542,626.51
2,501,811.16
2,460,441.28
2,418,539.41
2,376,127.62
2,333,227.47
2,289,860.07
2,246,046.04
2,201,805.57
2,157,158.38
2,066,720.54

| Classes QH, BK1, QJ, <br> PK, PV, QV and ZP <br> (in the aggregate) |  |
| ---: | ---: |
| $\$ 151,087,347.86$ | Class BK2 |
| $148,726,451.77$ | $1,97,967.18$ |
| $146,399,910.03$ | $1,928,481.67$ |
| $144,107,240.01$ | $1,081,784.23$ |
| $141,847,965.70$ | $1,834,806.29$ |
| $139,621,617.68$ | $1,787,564.24$ |
| $137,427,732.99$ | $1,740,074.10$ |
| $135,265,855.08$ | $1,692,351.54$ |
| $133,135,533.66$ | $1,644,411.86$ |
| $131,036,324.69$ | $1,596,270.00$ |
| $128,967,790.24$ | $1,547,940.54$ |
| $126,929,498.42$ | $1,499,437.72$ |
| $124,921,023.32$ | $1,450,775.45$ |
| $122,941,944.88$ | $1,401,967.29$ |
| $120,991,848.88$ | $1,353,026.48$ |
| $119,070,326.78$ | $1,303,965.95$ |
| $117,176,975.72$ | $1,254,998.29$ |
| $115,311,398.39$ | $1,205,535.80$ |
| $113,473,202.95$ | $1,156,190.48$ |
| $111,662,003.00$ | $1,106,774.02$ |
| $109,877,417.48$ | $1,057,297.83$ |
| $108,119,070.59$ | $1,007,773.03$ |
| $106,386,591.72$ | $958,210.45$ |
| $104,679,615.39$ | $908,620.65$ |
| $102,997,781.19$ | $859,013.94$ |
| $101,340,733.67$ | $809,400.33$ |
| $99,708,122.32$ | $759,789.60$ |
| $98,099,601.46$ | $710,191.26$ |
| $96,514,830.21$ | $660,614.57$ |
| $94,953,472.40$ | $611,068.56$ |
| $93,415,196.51$ | $561,562.00$ |
| $91,899,675.63$ | $512,103.44$ |
| $90,406,587.35$ | $462,701.19$ |
| $88,935,613.75$ | $413,363.34$ |
| $87,486,441.30$ | $364,097.75$ |
| $86,058,760.82$ | $314,912.07$ |
| $84,652,267.41$ | $265,813.73$ |
| $83,266,660.40$ | $216,809.97$ |
| $81,901,643.30$ | $167,907.80$ |
| $80,556,923.70$ | $119,114.03$ |
| $79,232,213.28$ | $70,435.30$ |
| $77,927,227.70$ | $21,878.03$ |
| $76,641,686.57$ | 0.00 |
| $75,375,313.38$ | 0.00 |
| $74,127,835.48$ | 0.00 |
|  |  |

Distribution Date
September 2016
O ctober 2016
$\qquad$
November 2016
D ecember 2016 $\qquad$
January 2017
February 2017
March 2017
April 2017.
May 2017
June 2017
July 2017
August 2017
September 2017
October 2017
November 2017
$\qquad$
D ecember 2017
January 2018
February 2018
March 2018
April 2018.
May 2018
June 2018
July 2018
August 2018
September 2018
October 2018
November 2018
D ecember 2018 $\qquad$
January 2019
February 2019
$\qquad$
March 2019
April 2019.
May 2019
June 2019
July 2019
August 2019
September 2019
October 2019
November 2019
December 2019
January 2020
February 2020 $\qquad$
March 2020
April 2020.
May 2020

Classes QH, BK1, QJ,
PK, PV, QV and ZP
(in the aggregate)
\$72,898,983.98

## Class BK2

## \$0.00

71,688,493.75 0.00
70,496,103.31 0.00
69,321,554.84 0.00
68,164,594.08 0.00
67,024,970.33 0.00
65,902,436.34 0.00
64,796,748.33 0.00
63,707,665.88 0.00
62,634,951.93 0.00
61,578,372.71 0.00
60,537,697.72 0.00
59,512,699.63 0.00
58,503,154.32 0.00
57,508,840.75 0.00
56,529,540.97 0.00
55,565,040.08 0.00
54,615,126.16 0.00
53,679,590.23 0.00
52,758,226.25 0.00
51,850,831.03 0.00
50,957,204.23 0.00
50,077,148.28 0.00
49,210,468.38 0.00
48,356,972.44 0.00
47,516,471.07 0.00
46,688,777.50 0.00
45,873,707.58 0.00
45,071,079.71 0.00
$44,280,714.86 \quad 0.00$
43,502,436.48 0.00
42,736,070.48 0.00
$41,981,445.21 \quad 0.00$
41,238,391.43 0.00
40,506,742.26 0.00
39,786,333.14 0.00
39,077,001.82 0.00
38,378,588.34 0.00
37,690,934.94 0.00
37,013,886.10 0.00
36,347,288.46 0.00
35,690,990.81 0.00
35,044,844.08 0.00
34,408,701.24 0.00
33,782,417.38 0.00

Distribution Date
June 2020
July 2020
August 2020
September 2020
October 2020
November 2020
D ecember 2020
January 2021
February 2021
March 2021
April 2021
May 2021
June 2021
July 2021
August 2021
September 2021
October 2021
November 2021
D ecember 2021
January 2022
February 2022
March 2022
April 2022
May 2022
June 2022
July 2022
August 2022
September 2022
O ctober 2022
November 2022
D ecember 2022
January 2023
February 2023
March 2023
April 2023.
May 2023
June 2023
July 2023
August 2023
September 2023
O ctober 2023
November 2023
D ecember 2023
January 2024
February 2024

Classes QH, BK1, QJ,
PK, PV, QV and ZP
(in the aggregate)
\$33,165,849.57
32,558,856.92
31,961,300.49
31,373,043.31
30,793,950.31
30,223,888.34
29,662,726.10
29,110,334.14
28,566,584.84
28,031,352.35
27,504,512.61
26,985,943.28
26,475,523.77
25,973,135.17
25,478,660.23
24,991,983.38
24,512,990.66
24,041,569.70
23,577,609.75
23,121,001.57
22,671,637.51
22,229,411.41
21,794,218.61
21,365,955.93
20,944,521.64
20,529,815.45
20,121,738.49
19,720,193.27
19,325,083.71
18,936,315.04
18,553,793.87
18,177,428.12 0.00

17,807,126.99 0.00
$17,0.00$
17,442,801.00 0.00
17,084,361.91 0.00
$16,731,722.74 \quad 0.00$
16,384,797.74 0.00
16,043,502.38 0.00
15,707,753.30 0.00
$15,377,468.37 \quad 0.00$
15,052,566.58 0.00
$14,732,968.09 \quad 0.00$
$14,418,594.19 \quad 0.00$
14,109,367.29 0.00
13,805,210.90

Distribution Date
March 2024
April 2024.
May 2024
June 2024
July 2024
August 2024
September 2024
October 2024
November 2024
D ecember 2024
January 2025
February 2025
March 2025
April 2025.
May 2025
June 2025
July 2025
August 2025
September 2025
October 2025
November 2025
D ecember 2025
January 2026
February 2026
March 2026
A pril 2026.
May 2026
June 2026
July 2026
2026
August 2026
September 2026
O ctober 2026
November 2026
D ecember 2026
January 2027
February 2027
March 2027
April 2027.
May 2027
June 2027
July 2027
August 2027
September 2027
October 2027
November 2027.

Classes QH, BK1, QJ,
PK, PV, QV and ZP
(in the aggregate)
\$13,506,049.60
$13,211,809.07 \quad 0.00$
12,922,416.02
12,637,798.23 0.00
12,357,884.47 0.00
12,082,604.56 0.00
11,811,889.30 0.00
$11,545,670.47 \quad 0.00$
$11,283,880.83 \quad 0.00$
$11,026,454.10 \quad 0.00$
10,773,324.95 0.00
$10,524,428.96 \quad 0.00$
10,279,702.65 0.00
10,039,083.44 0.00
9,802,509.63 0.00
9,569,920.41 0.00
9,341,255.85 0.00
9,116,456.87 0.00
8,895,465.21 0.00
8,678,223.49 0.00
8,464,675.10 0.00
8,254,764.28 0.00
8,048,436.05 0.00
7,845,636.22 0.00
7,646,311.37 0.00
7,450,408.86 0.00
7,257,876.79 0.00
7,068,664.02 0.00
6,882,720.12 0.00
6,699,995.42 0.00
6,520,440.93 0.00
6,344,008.37 0.00
6,170,650.17 0.00
6,000,319.44 0.00
$5,832,969.94 \quad 0.00$
5,668,556.13 0.00
5,507,033.10 0.00
5,348,356.61 0.00
5,192,483.03 0.00
5,039,369.38 0.00
4,888,973.29 0.00
4,741,253.00 0.00
4,596,167.37 0.00
4,453,675.84 0.00
$4,313,738.43 \quad 0.00$

Distribution Date
D ecember 2027
January 2028
February 2028
March 2028
April 2028
May 2028
June 2028
July 2028
August 2028
September 2028
O ctober 2028
November 2028
D ecember 2028
January 2029
February 2029
March 2029
April 2029.
May 2029
June 2029
July 2029
August 2029
September 2029
O ctober 2029
November 2029
D ecember 2029
January 2030
February 2030
March 2030
A pril 2030.
May 2030
June 2030
July 2030
August 2030
September 2030
O ctober 2030
November 2030
D ecember 2030
January 2031
February 2031
March 2031
April 2031
May 2031
June 2031
July 2031
August 2031

Classes QH, BK1, QJ,
PK, PV, QV and ZP
(in the aggregate)
\$4,176,315.74
4,041,368.96
3,908,859.82
3,778,750.62
3,651,004.18
3,525,583.88
3,402,453.63
3,281,577.87
3,162,921.53
3,046,450.07
2,932,129.45
2,819,926.11
2,709,807.01
2,601,739.55 0.00
0.00

2,495,691.64 0.00

2,391,631.63 0.00
2,289,528.34 0.00
2,189,351.07 0.00
2,091,069.51 0.00
1,994,653.86 0.00
$1,900,074.70 \quad 0.00$
1,807,303.08 0.00
$1,716,310.44 \quad 0.00$
1,627,068.66 0.00
1,539,550.02 0.00
$1,453,727.21 \quad 0.00$
1,369,573.33 0.00
1,287,061.85 0.00
1,206,166.65 0.00
1,126,861.99 0.00
1,049,122.50 0.00
972,923.18 0.00
898,239.42 0.00
825,046.95 $\quad 0.00$
753,321.86 0.00
683,040.60 0.00
614,179.96 0.00
546,717.07 0.00
480,629.41 0.00
415,894.77 0.00
352,491.31 0.00
290,397.46 0.00
229,592.00 0.00
170,054.02 0.00
111,762.92
Classes QH, BK1, QJ, PK, PV, QV and ZP (in the aggregate) Class BK2
Distribution Date
September 2031
\$54,698.39
\$0.00
October 2031 and thereafter
0.00
0.00

## Exhibit A

## Underlying Certificate


(1) As defined under "Class Types" in Appendix I to the Base Offering Circular.
(2) Underying Certificate Factors are as of December 1, 2001.

## Exhibit B

Cover Page and Terms Sheet from the Underying REMIC Disclosure Document

## B-2

B-3

B-5

B-7

B-8
\$1,235,774,484

# Govemment National Mortgage Association 

# GINNIE MAE ${ }^{\circledR}$ 

Guaranteed REMIC<br>Pass-Through Securities and MX Securities<br>Ginnie Mae REMIC Trust 2001-59

# OFFERING CIRCULAR SUPPLEMENT <br> December 20, 2001 

UBS Warburg LLC Blaylock \& Partners, L.P.
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[^0]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.

[^1]:    * 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.

[^2]:    * The price does not include accrued interest. Accrued interest has been added to the price in calculating the yields set forth in the table.
    ** Indicates that investors will suffer a loss of virtually all of their investment.

[^3]:    * 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.

