## \$516,838,611



# **Guaranteed REMIC Pass-Through Certificates Fannie Mae REMIC Trust 2003-130**

#### The Certificates

We, the Federal National Mortgage Association ("Fannie Mae"), will issue the classes of certificates listed in the chart on this page.

#### **Payments to Certificateholders**

We will make monthly payments on the certificates. You, the investor, will receive

- interest accrued on the balance of your certificate (except in the case of the accrual classes), and
- principal to the extent available for payment on your class.

We may pay principal at rates that vary from time to time. We may not pay principal to certain classes for long periods of time.

### The Fannie Mae Guaranty

We will guarantee that required payments of principal and interest on the certificates are distributed to investors on time.

#### The Trust and its Assets

The trust will own Fannie Mae MBS.

The mortgage loans underlying the Fannie Mae MBS are first lien, single-family, fixed-rate loans.

Class	Group	Original Class Balance	Principal Type	Interest Rate	Interest Type	CUSIP Number	Final Distribution Date
GF	1	\$102,760,023	PAC/AD	(1)	FLT	31393UVE0	December 2033
HF	1	70,000,000	PAC/AD	(1)	FLT	31393UVF7	December 2033
BS(2)	1	86,380,011(3)	NTL	(1)	INV/IO	31393UVG5	December 2033
CS(2)	1	43,190,006	PAC/AD	(1)	INV	31393UVH3	December 2033
HA	1	2,000,000	PAC/AD	6.0%	FIX	31393 U V J 9	January 2034
HZ	1	32,049,971	SUP	6.0	FIX/Z	31393UVK6	January 2034
FP	2	45,150,592	PAC/AD	(1)	FLT	31393UVL4	January 2034
SP	2	23,242,972(3)	NTL	(1)	INV/IO	31393UVM2	August 2028
PB	2	17,432,230	PAC/AD	4.0	FIX	31393UVN0	August 2028
NS(2)	2	21,907,620(3)	NTL	(1)	INV/IO	31393 U V P 5	January 2034
KO(2)	2	5,476,905	PAC/AD	(4)	PO	31393UVQ3	January 2034
FA	2	50,000,000	SEG(PAC)/PAC/AD	(1)	FLT	31393UVR1	January 2034
SW(2)	2	50,000,000(3)	NTL	(1)	INV/IO	31393UVS9	January 2034
AO(2)	2	16,666,667	SEG(PAC)/PAC/AD	(4)	PO	31393UVT7	January 2034
FD	2	16,418,356	SEG(PAC)/SUP/AD	(1)	FLT	31393UVU4	January 2034
SU(2)	2	16,418,356(3)	NTL	(1)	INV/IO	31393UVV2	January 2034
LO(2)	2	4,104,589	SEG(PAC)/SUP/AD	(4)	PO	31393UVW0	January 2034
DF	2	17,437,607	SEG(PAC)/SUP/AD	(1)	FLT	31393UVX8	January 2034
DS	2	4,359,402	SEG(PAC)/SUP/AD	(1)	INV	31393UVY6	January 2034
PZ	2	26,013,379	SUP	6.0	FIX/Z	31393UVZ3	January 2034
DA	3	50,000,000	SEQ	4.0	FIX	31393UWA7	November 2016
DY	3	13,778,884	SEQ	4.0	FIX	31393UWB5	January 2019
R		0	NPR	0	NPR	31393UWC3	January 2034
RL		0	NPR	0	NPR	31393UWD1	January 2034

Based on LIBOR.
 Exchangeable classes.

If you own certificates of certain classes, you can exchange them for the corresponding RCR certificates to be issued at the time of the exchange. The HS, SX, SL, SJ, SM, YS and JS Classes are the RCR classes, as further described in this prospectus supplement.

The dealer will offer the certificates from time to time in negotiated transactions at varying prices. We expect the settlement date to be December 30, 2003.

Carefully consider the risk factors starting on page S-8 of this prospectus supplement and on page 10 of the REMIC prospectus. Unless you understand and are able to tolerate these risks, you should not invest in the certificates.

You should read the REMIC prospectus as well as this prospectus supplement.

The certificates, together with interest thereon, are not guaranteed by the United States and do not constitute a debt or obligation of the United States or any agency or instrumentality thereof other than Fannie Mae.

The certificates are exempt from registration under the Securities Act of 1933 and are "exempted securities" under the Securities Exchange Act of 1934.

## Credit Suisse First Boston

<sup>(3)</sup> Notional balances. These classes are interest only classes.

<sup>(4)</sup> Principal only classes.

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#### AVAILABLE INFORMATION

You should purchase the certificates only if you have read and understood this prospectus supplement and the following documents (the "Disclosure Documents"):

- our Prospectus for Fannie Mae Guaranteed REMIC Pass-Through Certificates dated May 1, 2002 (the "REMIC Prospectus");
- our Prospectus for Fannie Mae Guaranteed Mortgage Pass-Through Certificates (Single-Family Residential Mortgage Loans) dated April 1, 2003 (the "MBS Prospectus"); and
- any Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K that we file with the SEC during the period specified in the final paragraph of this page.

You can obtain copies of the Disclosure Documents by writing or calling us at:

Fannie Mae MBS Helpline 3900 Wisconsin Avenue, N.W., Area 2H-3S Washington, D.C. 20016 (telephone 1-800-237-8627).

In addition, the Disclosure Documents, together with the class factors, are available on our corporate Web site at www.fanniemae.com.

You also can obtain copies of the Disclosure Documents by writing or calling the dealer at:

Credit Suisse First Boston LLC Prospectus Department 11 Madison Avenue New York, New York 10010 (telephone 212-325-2580).

In the first quarter of 2003, we began filing periodic reports with the SEC under the Securities Exchange Act of 1934. These filings will include Form 10-Ks, Form 10-Qs and Form 8-Ks. Our SEC filings are available at the SEC's Web site at www.sec.gov. You may also read and copy any document we file with the SEC by visiting the SEC's Public Reference Room at 450 Fifth Street, NW, Washington, D.C. 20549. Please call the SEC at 1-800-SEC-0330 for further information about the operation of the Public Reference Room. We are providing the address of the SEC's Web site solely for the information of prospective investors. We do not intend the Internet address to be an active link.

Information contained in any Form 10-K, Form 10-Q and Form 8-K that we file with the SEC prior to the termination of the offering of the certificates is hereby incorporated by reference in this prospectus supplement. In cases where we "furnish" information to the SEC on Form 8-K, as provided under the Securities Exchange Act of 1934, that information is not incorporated by reference in this prospectus supplement.

#### REFERENCE SHEET

This reference sheet is not a summary of the transaction and does not contain complete information about the certificates. You should purchase the certificates only after reading this prospectus supplement and each of the additional disclosure documents listed on page S-3.

### **Assets Underlying Each Group of Classes**

Group	Assets
1	Group 1 MBS
2	Group 2 MBS
3	Group 3 MBS

# Assumed Characteristics of the Mortgage Loans Underlying the MBS (as of December 1, 2003)

	Approximate Principal Balance	Original Term to Maturity (in months)	Approximate Weighted Average Remaining Term to Maturity (in months)	Approximate Weighted Average Loan Age (in months)	Approximate Weighted Average Coupon
Group 1 MBS	\$250,000,000	360	357	3	6.50%
Group 2 MBS	\$203,059,727	360	357	3	6.44%
Group 3 MBS	\$ 63,778,884	180	174	5	4.54%

The actual remaining terms to maturity, weighted average loan ages and interest rates of most of the mortgage loans will differ from the weighted averages shown above, perhaps significantly.

### **Class Factors**

The class factors are numbers that, when multiplied by the initial principal balance of a certificate, can be used to calculate the current principal balance of that certificate (after taking into account principal payments in the same month). We publish the class factors on or shortly after the 11th day of each month.

### **Settlement Date**

We expect to issue the certificates on December 30, 2003.

### **Distribution Dates**

We will make payments on the certificates on the 25th day of each calendar month, or on the next business day if the 25th day is not a business day.

### **Book-Entry and Physical Certificates**

We will issue the book-entry certificates through the U.S. Federal Reserve Banks, which will electronically track ownership of the certificates and payments on them. We will issue physical certificates in registered, certificated form.

We will issue the classes of certificates in the following forms:

Fed Book-Entry	Physical
All classes of certificates other	R and RL Classes
than the R and RL Classes	

### **Exchanging Certificates Through Combination and Recombination**

If you own certain certificates, you will be able to exchange them for a proportionate interest in the related RCR certificates as shown on Schedule 1. We will issue the RCR certificates upon such exchange. You can exchange your certificates by notifying us and paying an exchange fee. We use the principal and interest of the certificates exchanged to pay principal and interest on the related RCR certificates. Schedule 1 lists the available combinations of the certificates eligible for exchange and the related RCR certificates.

### **Interest Rates**

During each interest accrual period, the fixed rate classes will bear interest at the applicable annual interest rates listed on the cover of this prospectus supplement or on Schedule 1.

During the initial interest accrual period, the floating rate and inverse floating rate classes will bear interest at the initial interest rates listed below. During subsequent interest accrual periods, the floating rate and inverse floating rate classes will bear interest based on the formulas indicated below, but always subject to the specified maximum and minimum interest rates:

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate (1)
GF	1.570%	7.50%	0.45%	LIBOR + 45 basis points
HF	1.570%	7.50%	0.45%	LIBOR + 45 basis points
BS	5.930%	7.05%	0.00%	$7.05\%-{ m LIBOR}$
CS	11.860%	14.10%	0.00%	$14.1\% - (1.99999998 \times LIBOR)$
FP	1.620%	7.50%	0.50%	LIBOR + 50 basis points
SP	5.880%	7.00%	0.00%	7% - LIBOR
NS	5.880%	7.00%	0.00%	7% - LIBOR
FA	1.490%	8.00%	0.32%	LIBOR + 32 basis points
SW	6.510%	7.68%	0.00%	$7.68\%-{ m LIBOR}$
FD	1.620%	7.50%	0.50%	LIBOR + 50 basis points
SU	5.880%	7.00%	0.00%	7% - LIBOR
DF	2.120%	7.50%	1.00%	LIBOR + 100 basis points
DS	21.520%	26.00%	0.00%	$26.0\% - (4 \times LIBOR)$
HS	23.720%	28.20%	0.00%	$28.20\% - (3.99999998 \times LIBOR)$
SX	9.765%	11.52%	0.00%	$11.52\% - (1.49999999 \times LIBOR)$
SL	19.530%	23.04%	0.00%	$23.04\% - (2.99999994 \times LIBOR)$
SJ	23.520%	28.00%	0.00%	$28\% - (4 \times LIBOR)$
SM	11.760%	14.00%	0.00%	$14\% - (2 \times LIBOR)$
YS	23.520%	28.00%	0.00%	$28\% - (4 \times LIBOR)$
JS	23.520%	28.00%	0.00%	$28\% - (4 \times LIBOR)$

<sup>(1)</sup> We will establish LIBOR on the basis of the "BBA Method."

We will apply interest payments from exchanged REMIC certificates to the corresponding RCR certificates, on a pro rata basis, following any exchange.

### **Notional Classes**

A notional class will not receive any principal. Its notional principal balance is the balance used to calculate accrued interest. The notional principal balances will equal the percentages of the outstanding balances specified below immediately before the related distribution date:

### Class

BS	49.9999999997% of the GF Class
	49.9999999997% of the HF Class
SP and NS(1)	100% of the FP Class
SU	100% of the FD Class
SW	100% of the FA Class

<sup>(1)</sup> The sum of the notional principal balances of the SP and NS Classes will equal 100% of the principal balance of the FP Class. On each distribution date, reductions in the principal balance of the FP Class will be allocated, sequentially, in reduction of the notional principal balances of the SP and NS Classes, in that order, until their notional principal balances are reduced to zero.

### **Distributions of Principal**

Group 1 Principal Distribution Amount

HZ Accrual Amount

To Aggregate Group I to its Planned Balance, and thereafter to the HZ Class.

Group 1 Cash Flow Distribution Amount

- 1. To Aggregate Group I to its Planned Balance.
- 2. To the HZ Class to zero.
- 3. To Aggregate Group I to zero.

For a description of Aggregate Group I, see "Description of the Certificates—Distributions of Principal—Group 1 Principal Distribution Amount" in this prospectus supplement.

Group 2 Principal Distribution Amount

PZ Accrual Amount

To the Aggregate Group II to its Planned Balance, and thereafter to the PZ Class.

Group 2 Cash Flow Distribution Amount.

- 1. To Aggregate Group II to its Planned Balance.
- 2. To the PZ Class to zero.
- 3. To Aggregate Group II to zero.

For a description of Aggregate Group II, see "Description of the Certificates—Distributions of Principal—Group 2 Principal Distribution Amount" in this prospectus supplement.

Group 3 Principal Distribution Amount

To the DA and DY Classes, in that order, to zero.

We will apply principal payments from exchanged REMIC certificates to the corresponding RCR certificates, on a pro rata basis, following any exchange.

### Weighted Average Lives (years)\*

					PS	A Prepa	yment	Assump	tion			
Group 1 Classes		0%	100%	200	% 2	85%	370%	400%	550	0% 7	750%	900%
GF, HF, BS, CS and HS HA HZ		14.4 23.0 26.8	7.1 19.9 21.2	5. 19. 15.	9	4.6 19.9 12.9	4.6 19.9 4.4	4.6 19.9 2.1	14	3.6 4.8 1	2.8 10.6 0.8	2.4 8.5 0.7
	PSA Prepayment Assumption											
Group 2 Classes	0%	100%	140%	$\underline{150\%}$	285%	315%	345%	$\underline{400\%}$	$\underline{485\%}$	600%	<b>750</b> %	900%
<u>FP</u>	15.2	7.8	6.7	6.4	5.2		5.2	5.2	4.5	3.7	3.1	2.6
SP and PB	10.5	4.3	3.6	3.4	2.5	2.5	2.5	2.5	2.3	2.1	1.8	1.6
NS, KO and YS	20.3	11.6	10.0	9.7	8.0	8.0	8.0	8.0	6.7	5.5	4.4	3.7
FA, SW, AO, SX and SL	11.8	5.3	$\frac{4.7}{7.2}$	$\frac{4.7}{7.2}$	4.7	$\frac{4.7}{7.2}$	$\frac{4.7}{7.2}$	$\frac{4.7}{7.2}$	4.7	4.0	3.3	2.9
FD, SU, LO and SJ	15.3	8.1	7.3	7.3	7.3	7.3	7.3	7.3	4.3	3.4	2.8	2.4
DF and DS	$21.6 \\ 26.8$	$\frac{12.3}{21.2}$	$9.6 \\ 19.0$	$8.6 \\ 18.4$	$\frac{2.5}{12.9}$	$\frac{2.5}{9.4}$	$\frac{2.5}{6.5}$	$\frac{2.5}{2.1}$	$\frac{2.1}{1.4}$	1.8 1.0	$\frac{1.5}{0.8}$	$\frac{1.3}{0.7}$
PZ SM and JS	18.1	10.1	8.8	8.6	7.7	7.7	$\frac{6.5}{7.7}$	$\frac{2.1}{7.7}$	5.7	4.6	3.7	3.2
							1	PSA Pr	epaym	ent As	sumptio	on
Group 3 Classes							0%	100%	16	1% 2	250%	320%
DA							7.3	4.7		3.9	3.2	2.8
DY							13.9	12.2	11	.2	9.8	8.7

<sup>\*</sup> Determined as specified under "Description of the Certificates—Weighted Average Lives of the Certificates" in this prospectus supplement.

### ADDITIONAL RISK FACTORS

The rate of principal payments on the certificates will be affected by the rate of principal payments on the underlying mortgage loans. The rate at which you receive principal payments on the certificates will be sensitive to the rate of principal payments on the mortgage loans underlying the related MBS, including prepayments. Because borrowers generally may prepay their mortgage loans at any time without penalty, the rate of principal payments on the mortgage loans is likely to vary over time. It is highly unlikely that the mortgage loans will prepay

- at any of the prepayment rates we assumed in this prospectus supplement, or
- at any constant prepayment rate until maturity.

Yields may be lower than expected due to unexpected rate of principal payments. The actual yield on your certificates probably will be lower than you expect:

- if you buy your certificates at a premium and principal payments are faster than you expect, or
- if you buy your certificates at a discount and principal payments are slower than you expect.

Furthermore, in the case of interest only certificates and certificates purchased at a premium, you could lose money on your investment if prepayments occur at a rapid rate.

You must make your own decisions about the various applicable assumptions, including prepayment assumptions, when deciding whether to purchase the certificates.

Weighted average lives and yields on the certificates are affected by actual characteristics of the underlying mortgage loans. We have assumed that the mortgage loans underlying the MBS have certain characteristics. However, the actual mortgage loans probably will have different characteristics from those we assumed. As a result, your yields could be lower than you expect, even if the mortgage loans prepay at the indicated constant prepayment rates. In addition, slight differences between the assumed mortgage loan characteristics and the actual

mortgage loans could affect the weighted average lives of the classes of certificates.

Level of floating rate index affects yields on certain certificates. The yield on any floating rate or inverse floating rate certificate will be affected by the level of its interest rate index. If the level of the index differs from the level you expect, then your actual yield may be lower than you expect.

Delay classes have lower yields and market values. Since certain classes do not receive interest immediately following each interest accrual period, these classes have lower yields and lower market values than they would if there were no such delay.

Reinvestment of certificate payments may not achieve same yields as certificates. The rate of principal payments of the certificates is uncertain. You may be unable to reinvest the payments on the certificates at the same yields provided by the certificates.

Unpredictable timing of last payment affects yields on certificates. The actual final payment of your class is likely to occur earlier, and could occur much earlier, than the final distribution date listed on the cover page of this prospectus supplement. If you assume that the actual final payment will occur on the final distribution date specified, your yield could be lower than you expect.

Some investors may be unable to buy certain classes. Investors whose investment activities are subject to legal investment laws and regulations, or to review by regulatory authorities, may be unable to buy certain certificates. You should obtain legal advice to determine whether you may purchase the certificates.

Uncertain market for the certificates could make them difficult to sell and cause their values to fluctuate. We cannot be sure that a market for resale of the certificates will develop. Further, if a market develops, it may not continue or be sufficiently liquid to allow you to sell your certificates. Even if you are able to sell your certificates, the sale price may not be comparable to similar investments that have a developed market. Moreover, you may not be able to sell small or large amounts of certificates at prices compa-

rable to those available to other investors. You should purchase certificates only if you understand and can tolerate the risk that the value of

your certificates will vary over time and that your certificates may not be easily sold.

#### DESCRIPTION OF THE CERTIFICATES

The material under this heading summarizes certain features of the Certificates. You will find additional information about the Certificates in the other sections of this prospectus supplement, as well as in the additional Disclosure Documents and the Trust Agreement. If we use a capitalized term in this prospectus supplement without defining it, you will find the definition of that term in the applicable Disclosure Document or in the Trust Agreement.

### General

Structure. We will create the Fannie Mae REMIC Trust specified on the cover of this prospectus supplement (the "Trust") and a separate trust (the "Lower Tier REMIC") pursuant to a trust agreement dated as of December 1, 2003 (the "Issue Date"). We will issue the Guaranteed REMIC Pass-Through Certificates (the "REMIC Certificates") pursuant to that trust agreement. We will issue the Combinable and Recombinable REMIC Certificates (the "RCR Certificates" and, together with the REMIC Certificates, the "Certificates") pursuant to a separate trust agreement dated as of the Issue Date (together with the trust agreement relating to the REMIC Certificates, the "Trust Agreement"). We will execute the Trust Agreement in our corporate capacity and as trustee (the "Trustee"). In general, the term "Classes" includes the Classes of REMIC Certificates and RCR Certificates.

The Trust and the Lower Tier REMIC each will constitute a "real estate mortgage investment conduit" ("REMIC") under the Internal Revenue Code of 1986, as amended (the "Code").

- The REMIC Certificates (except the R and RL Classes) will be "regular interests" in the Trust.
- The R Class will be the "residual interest" in the Trust.
- The interests in the Lower Tier REMIC other than the RL Class (the "Lower Tier Regular Interests") will be the "regular interests" in the Lower Tier REMIC.
- The RL Class will be the "residual interest" in the Lower Tier REMIC.

The assets of the Trust will consist of the Lower Tier Regular Interests.

The assets of the Lower Tier REMIC will consist of three groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the "Group 1 MBS," "Group 2 MBS" and "Group 3 MBS" and, together, the "MBS").

Each MBS represents a beneficial ownership interest in a pool of first lien, one- to four-family ("single-family"), fixed-rate residential mortgage loans (the "Mortgage Loans") having the characteristics described in this prospectus supplement.

Fannie Mae Guaranty. We guarantee that we will distribute to Certificateholders:

- required installments of principal and interest on the Certificates on time, and
- the principal balance of each Class of Certificates no later than its Final Distribution Date, whether or not we have received sufficient payments on the MBS.

In addition, we guarantee that we will distribute to each holder of an MBS:

• scheduled installments of principal and interest on the underlying Mortgage Loans on time, whether or not the related borrowers pay us, and

• the full principal balance of any foreclosed Mortgage Loan, whether or not we recover it.

Our guarantees are not backed by the full faith and credit of the United States. See "Description of the Certificates—The Fannie Mae Guaranty" in the REMIC Prospectus and "Description of the Certificates—Fannie Mae Guaranty" in the MBS Prospectus.

Characteristics of Certificates. We will issue the Certificates (except the R and RL Classes) in book-entry form on the book-entry system of the U.S. Federal Reserve Banks (the "Fed Book-Entry Certificates"). Entities whose names appear on the book-entry records of a Federal Reserve Bank as having had Certificates deposited in their accounts are "Holders" or "Certificateholders." A Holder is not necessarily the beneficial owner of a Certificate. Beneficial owners ordinarily will hold Certificates through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations. See "Description of Certificates—Denominations and Form" in the REMIC Prospectus.

We will issue the R and RL Certificates in fully registered, certificated form. The "Holder" or "Certificateholder" of the R or RL Certificate is its registered owner. The R or RL Certificate can be transferred at the corporate trust office of the Transfer Agent, or at the office of the Transfer Agent in New York, New York, U.S. Bank National Association ("US Bank") in Boston, Massachusetts will be the initial Transfer Agent. We may impose a service charge for any registration of transfer of the R or RL Certificate and may require payment to cover any tax or other governmental charge. See also "—Characteristics of the R and RL Classes" below.

The Holder of the R Class will receive the proceeds of any remaining assets of the Trust, and the Holder of the RL Class will receive the proceeds of any remaining assets of the Lower Tier REMIC, in each case only by presenting and surrendering the related Certificate at the office of the Paying Agent. US Bank will be the initial Paying Agent.

Authorized Denominations. We will issue the Certificates, other than the R and RL Classes, in minimum denominations of \$1,000 and whole dollar increments. We will issue the R and RL Classes as single Certificates with no principal balances.

Distribution Dates. We will make monthly payments on the Certificates on the 25th day of each month (or, if the 25th is not a business day, on the first business day after the 25th). We refer to each of these dates as a "Distribution Date." We will make the first payments to Certificateholders the month after we issue the Certificates.

*Record Date.* On each Distribution Date, we will make each monthly payment on the Certificates to Holders of record on the last day of the preceding month.

Class Factors. On or shortly after the eleventh calendar day of each month, we will publish a factor (carried to eight decimal places) for each Class of Certificates. When the applicable class factor is multiplied by the original principal balance (or notional principal balance) of a Certificate of any Class, the product will equal the current principal balance (or notional principal balance) of that Certificate after taking into account payments on the Distribution Date in the same month (as well as any addition to principal in the case of the Accrual Classes).

No Optional Termination. We have no option to effect an early termination of the Lower Tier REMIC or the Trust. Further, we will not repurchase the Mortgage Loans underlying any MBS in a "clean-up call." See "Description of the Certificates—Termination" in the MBS Prospectus.

#### **Combination and Recombination**

*General.* You are permitted to exchange all or a portion of the BS, CS, NS, KO, SW, AO, SU and LO Classes of REMIC Certificates for a proportionate interest in the related RCR Certificates in the combinations shown on Schedule 1. You also may exchange all or a portion of the RCR Certificates for the related REMIC Certificates in the same manner. This process may occur repeatedly.

Holders of RCR Certificates will be the beneficial owners of a proportionate interest in the related REMIC Certificates and will receive a proportionate share of the distributions on the related REMIC Certificates.

The Classes of REMIC Certificates and RCR Certificates that are outstanding at any given time, and the outstanding principal balances (or notional principal balances) of these Classes, will depend upon any related distributions of principal, as well as any exchanges that occur. REMIC Certificates and RCR Certificates may be exchanged only in the proportions shown on Schedule 1.

Procedures. If a Certificateholder wishes to exchange Certificates, the Certificateholder must notify our Structured Transactions Department through one of our "REMIC Dealer Group" dealers in writing or by telefax no later than two business days before the proposed exchange date. The exchange date can be any business day other than the first or last business day of the month subject to our approval. The notice must include the outstanding principal balance of both the Certificates to be exchanged and the Certificates to be received, and the proposed exchange date. After receiving the Holder's notice, we will telephone the dealer with delivery and wire payment instructions. Notice becomes irrevocable on the second business day before the proposed exchange date.

In connection with each exchange, the Holder must pay us a fee equal to 1/32 of 1% of the outstanding principal balance (exclusive of any notional principal balance) of the Certificates to be exchanged. In no event, however, will our fee be less than \$2,000.

We will make the first distribution on a REMIC Certificate or an RCR Certificate received in an exchange transaction on the Distribution Date in the following month. We will make that distribution to the Holder of record as of the close of business on the last day of the month of the exchange.

Additional Considerations. The characteristics of RCR Certificates will reflect the characteristics of the REMIC Certificates used to form those RCR Certificates. You should also consider a number of factors that will limit a Certificateholder's ability to exchange REMIC Certificates for RCR Certificates or vice versa:

- At the time of the proposed exchange, a Certificateholder must own Certificates of the related Class or Classes in the proportions necessary to make the desired exchange.
- A Certificateholder that does not own the Certificates may be unable to obtain the necessary REMIC Certificates or RCR Certificates.
- The Certificateholder of needed Certificates may refuse to sell them at a reasonable price (or any price) or may be unable to sell them.
- Certain Certificates may have been purchased and placed into other financial structures and thus be unavailable.
- Principal distributions will decrease the amounts available for exchange over time.
- Only the combinations listed on Schedule 1 are permitted.

#### The MBS

The following table contains certain information about the MBS. The MBS included in each specified Group will have the aggregate unpaid principal balance and Pass-Through Rate shown below and the general characteristics described in the MBS Prospectus. The MBS provide that principal and interest on the related Mortgage Loans are passed through monthly. The Mortgage Loans underlying the MBS are conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential properties. These Mortgage Loans have original maturities of up to 30 years in the case of the Group 1 and Group 2 MBS, and up to 15 years in the case of the Group 3 MBS. See "The Mortgage Pools" and "Yield, Maturity, and Prepayment Considerations" in

the MBS Prospectus. We expect the characteristics of the MBS and the related Mortgage Loans as of the Issue Date to be as follows:

Group	1	MBS				
A .		TT	-	-		

0.10 up 1.122 %	
Aggregate Unpaid Principal Balance	\$250,000,000
MBS Pass-Through Rate	6.00%
Range of WACs (annual percentages)	6.25% to 8.50%
Range of WAMs	241 months to 360 months
Approximate Weighted Average WAM	357 months
Approximate Weighted Average WALA (weighted average	
loan age)	3 months
Group 2 MBS	
Aggregate Unpaid Principal Balance	\$203,059,727
MBS Pass-Through Rate	6.00%
Range of WACs (annual percentages)	6.25% to 8.50%
Range of WAMs	241 months to 360 months
Approximate Weighted Average WAM	357 months
Approximate Weighted Average WALA	3 months
Group 3 MBS	
Aggregate Unpaid Principal Balance	\$63,778,884
MBS Pass-Through Rate	4.00%
Range of WACs (annual percentages)	4.25% to 6.50%
Range of WAMs	121 months to 180 months
Approximate Weighted Average WAM	174 months
Approximate Weighted Average WALA	5 months

### Final Data Statement

After issuing the Certificates, we will prepare a Final Data Statement containing certain information, including the Pool number, the current WAC (or original WAC, if the current WAC is not available) and the current WAM (or Adjusted WAM, if the current WAM is not available) of the Mortgage Loans underlying each of the MBS as of the Issue Date. The Final Data Statement also will include the weighted averages of all the current or original WACs and the weighted averages of all the current or Adjusted WAMs, based on the current unpaid principal balances of the Mortgage Loans underlying each of the MBS as of the Issue Date. You may obtain the Final Data Statement by telephoning us at 1-800-237-8627. In addition, the Final Data Statement is available on our corporate Web site at www.fanniemae.com.

### **Distributions of Interest**

Categories of Classes

For the purpose of interest payments, the Classes will be categorized as follows:

Interest Type*	Classes
Group 1 Classes	
Fixed Rate	HA and HZ
Floating Rate	GF and HF
Inverse Floating Rate	BS and CS
Interest Only	$_{ m BS}$
Accrual	HZ
RCR**	HS

Interest Type\* Classes

**Group 2 Classes** 

Fixed Rate
Floating Rate
Floating Rate
FP, FA, FD and DF
Inverse Floating Rate
SP, NS, SW, SU and DS
Interest Only
Principal Only
Accrual
RCR\*\*
PB and PZ
FP, FA, FD and DF
SP, NS, SW, SU and DS
KO, AO and LO
PZ
SX, SL, SJ, SM, YS and JS

**Group 3 Classes** 

Fixed Rate DA and DY
No Payment Residual R and RL

\* See "Description of Certificates—Class Definitions and Abbreviations" in the REMIC Prospectus.

General. We will pay interest on the Certificates at the applicable annual interest rates specified on the cover or described in this prospectus supplement. We calculate interest based on an assumed 360-day year consisting of twelve 30-day months. We pay interest monthly (except in the case of the Accrual Classes) on each Distribution Date, beginning in the month after the Settlement Date specified in the Reference Sheet.

Interest to be paid on each Certificate (or added to principal, in the case of the Accrual Classes) on a Distribution Date will consist of one month's interest on the outstanding balance of that Certificate immediately prior to that Distribution Date. For a description of the Accrual Classes, see "—Accrual Classes" below.

We will apply interest payments from exchanged REMIC Certificates to the corresponding RCR Certificates, on a pro rata basis, following any exchange.

Interest Accrual Periods. Interest to be paid on each Distribution Date will accrue on the Certificates during the applicable one-month periods set forth below (each, an "Interest Accrual Period").

### Classes

All Fixed Rate Classes (collectively, the "Delay Classes")
All Floating Rate and Inverse Floating
Rate Classes

### **Interest Accrual Periods**

Calendar month preceding the month in which the Distribution Date occurs

One-month period beginning on the 25th day of the month preceding the month in which the Distribution Date occurs

See "Additional Risk Factors—Delay classes have lower yields and market values" in this prospectus supplement.

The Dealer will treat the KO, AO and LO Classes as Delay Classes for the sole purpose of facilitating trading.

Accrual Classes. The HZ and PZ Classes are Accrual Classes. Interest will accrue on the Accrual Classes at the applicable annual rates specified on the cover of this prospectus supplement. However, we will not pay any interest on the Accrual Classes. Instead, interest accrued on the Accrual Classes will be added as principal to their respective principal balances on each Distribution Date. We will pay principal on the Accrual Classes as described under "—Distributions of Principal" below.

Notional Classes. The Notional Classes will not have principal balances. During each Interest Accrual Period, the Notional Classes will bear interest on their notional principal balances at their applicable interest rates. The notional principal balances of the Notional Classes will be calculated as specified under "Reference Sheet—Notional Classes" in this prospectus supplement.

<sup>\*\*</sup> See "—Combination and Recombination" above and Schedule 1 for a further description of the RCR Classes.

We use the notional principal balance of a Notional Class to determine interest payments on that Class. Although a Notional Class will not have a principal balance and will not be entitled to any principal payments, we will publish a class factor for that Class. References in this prospectus supplement to the principal balances of the Certificates generally shall refer also to the notional principal balances of the Notional Classes.

Floating Rate and Inverse Floating Rate Classes. During each Interest Accrual Period, the Floating Rate and Inverse Floating Rate Classes will bear interest at rates determined as described under "Reference Sheet—Interest Rates" in this prospectus supplement.

Changes in the specified interest rate index (the "Index") will affect the yields with respect to the related Classes. These changes may not correspond to changes in mortgage interest rates. Lower mortgage interest rates could occur while an increase in the level of the Index occurs. Similarly, higher mortgage interest rates could occur while a decrease in the level of the Index occurs.

Our establishment of each Index value and our determination of the interest rate for each applicable Class for the related Interest Accrual Period will be final and binding in the absence of manifest error. You may obtain each such interest rate by telephoning us at 1-800-237-8627.

#### Calculation of LIBOR

On each Index Determination Date, we will calculate LIBOR for the related Interest Accrual Period. We will calculate LIBOR on the basis of the "BBA Method," as described in the REMIC Prospectus under "Description of Certificates—Indexes for Floating Rate Classes and Inverse Floating Rate Classes—*LIBOR*."

If we are unable to calculate LIBOR on the initial Index Determination Date, LIBOR for the following Interest Accrual Period will be equal to 1.17% in the case of FA, SW, SX and SL Classes, and 1.12% in the case of all other Floating Rate and Inverse Floating Rate Classes.

### **Distributions of Principal**

Categories of Classes

For the purpose of principal payments, the Classes fall into the following categories:

Principal Type*	Classes
Group 1 Classes	
PAC	GF, HF, CS and HA
Support	HZ
Notional	BS
Accretion Directed	GF, HF, CS and HA
RCR**	HS
Group 2 Classes	
PAC	FP, PB and KO
Segment (PAC)/PAC	FA and AO
Segment (PAC)/Support	FD, LO, DF and DS
Support	PZ
Notional	SP, NS, SW and SU
Accretion Directed	FP, PB, KO, FA, AO, FD, LO, DF and DS
RCR**	SX, SL, SJ, SM, YS and JS
Group 3 Classes	
Sequential Pay	DA and DY
No Payment Residual	R and RL

<sup>\*</sup> See "Description of Certificates—Class Definitions and Abbreviations" in the REMIC Prospectus.

<sup>\*\*</sup> See "—Combination and Recombination" above and Schedule 1 for a further description of the RCR Classes.

### Principal Distribution Amount

On the Distribution Date in each month, we will pay principal on the Certificates in an aggregate amount (the "Principal Distribution Amount") equal to the sum of

- the principal then paid on the Group 1 MBS (the "Group 1 Cash Flow Distribution Amount"), plus any interest then accrued and added to the principal balance of the HZ Class (the "HZ Accrual Amount" and, together with the Group 1 Cash Flow Distribution Amount, the "Group 1 Principal Distribution Amount"),
- the principal then paid on the Group 2 MBS (the "Group 2 Cash Flow Distribution Amount"), plus any interest then accrued and added to the principal balance of the PZ Class (the "PZ Accrual Amount" and, together with the Group 2 Cash Flow Distribution Amount, the "Group 2 Principal Distribution Amount"), and
- the principal then paid on the Group 3 MBS (the "Group 3 Principal Distribution Amount").

### Group 1 Principal Distribution Amount

HZ Accrual Amount

On each Distribution Date, we will pay the HZ Accrual Amount as principal of Aggregate Group I (described below), until the Aggregate I Balance (described below) is reduced to its Planned Balance for that Distribution Date. Thereafter, we will pay the HZ Accrual Amount as principal of the HZ Class.

Accretion Directed / PAC Group and Accrual Class

### Group 1 Cash Flow Distribution Amount

Aggregate I Balance is reduced to zero.

On each Distribution Date, we will pay the Group 1 Cash Flow Distribution Amount to the Group 1 Classes in the following priority:

- (i) to Aggregate Group I, until the Aggregate I Balance is reduced to its Planned Balance for that Distribution Date;

  (ii) to the HZ Class, until its principal balance is reduced to zero; and

  Support Class

  (iii) to Aggregate Group I, without regard to its Planned Balance and until the
- "Aggregate Group I" consists of the CS, GF, HF and HA Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I as follows:

first, concurrently, to the CS, GF and HF Classes, pro rata (or 20.0000000926%, 47.5850934014% and 32.4149065060%, respectively), until their principal balances are reduced to zero; and

second, to the HA Class, until its principal balance is reduced to zero.

The "Aggregate I Balance" is equal to the aggregate of the principal balances of the Classes in Aggregate Group I.

### Group 2 Principal Distribution Amount

PZ Accrual Amount

On each Distribution Date, we will pay the PZ Accrual Amount as principal of Aggregate Group II (described below), until the Aggregate II Balance (described below) is reduced to its Planned Balance for that Distribution Date. Thereafter we will pay the PZ Accrual Amount as principal of the PZ Class.

Accretion Directed / PAC Group and Accrua Class

### Group 2 Cash Flow Distribution Amount

On each Distribution Date, we will pay the Group 2 Cash Flow Distribution Amount to the Group 2 Classes in the following priority:

- (i) to Aggregate Group II, until the Aggregate II Balance is reduced to its Planned Balance for that Distribution Date;
  - (ii) to the PZ Class, until its principal balance is reduced to zero; and
- (iii) to Aggregate Group II, without regard to its Planned Balance and until the Aggregate II Balance is reduced to zero.  $\begin{cases} PAC \\ Group \end{cases}$

"Aggregate Group II" consists of the FP, PB, KO, DF and DS Classes and Aggregate Group III. On each Distribution Date, we will apply payments of principal of Aggregate Group II as follows:

#### (a) 38.4417570703% as follows:

first, concurrently, to the FP and PB Classes, in the proportions of 57.1428557380% and 42.8571442620%, respectively, until the principal balance of the PB Class is reduced to zero; and

second, concurrently, to the FP and KO Classes, in the proportions of 80% and 20%, respectively, until their principal balances are reduced to zero, and

### (b) 61.5582429297% as follows:

first, to Aggregate Group III (described below), until the Aggregate III Balance (described below) is reduced to its Planned Balance for that Distribution Date;

second, concurrently, to the DF and DS Classes, pro rata (or 79.9999990824% and 20.0000009176%, respectively), until their principal balances are reduced to zero; and

third, to Aggregate Group III, without regard to its Planned Balance and until the Aggregate III Balance is reduced to zero.

The "Aggregate II Balance" is equal to the aggregate of the principal balances of the Classes and Group in Aggregate Group II.

"Aggregate Group III" consists of the FD and LO Classes and Aggregate Group IV. On each Distribution Date, we will apply payments of principal of Aggregate Group III as follows:

### (a) 85.2110673460% as follows:

first, to Aggregate Group IV (described below), until the Aggregate IV Balance (described below) is reduced to its Planned Balance for that Distribution Date;

second, concurrently, to the FD and LO Classes, pro rata (or 80% and 20%, respectively), until an aggregate amount of \$7,628,532 has been paid pursuant to this clause second; and

third, to Aggregate Group IV, without regard to its Planned Balance and until the Aggregate IV Balance is reduced to zero, and

(b) 14.7889326540%, concurrently, to the FD and LO Classes, pro rata, until their principal balances are reduced to zero.

The "Aggregate III Balance" is equal to the aggregate of the principal balances of the Classes and Group in Aggregate Group III.

"Aggregate Group IV" consists of the FA and AO Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV, concurrently, to the FA and AO Classes, pro rata (or 74.9999996250% and 25.0000003750%, respectively), until their principal balances are reduced to zero.

The "Aggregate IV Balance" is equal to the aggregate of the principal balances of the Classes in Aggregate Group IV.

Group 3 Principal Distribution Amount

On each Distribution Date, we will pay the Group 3 Principal Distribution Amount, sequentially, as principal of the DA and DY Classes, in that order, until their principal balances are reduced to zero.

We will apply principal payments from exchanged REMIC Certificates to the corresponding RCR Certificates, on a pro rata basis, following any exchange.

### **Structuring Assumptions**

Pricing Assumptions. Except where otherwise noted, the information in the tables in this prospectus supplement has been prepared based on the following assumptions (the "Pricing Assumptions"):

- the Mortgage Loans underlying the MBS have the original terms to maturity, remaining terms to maturity, WALAs and interest rates specified under "Reference Sheet—Assumed Characteristics of the Mortgage Loans Underlying the MBS" in this prospectus supplement;
- the Mortgage Loans prepay at the constant percentages of PSA specified in the related table;
- the settlement date for the sale of the Certificates is December 30, 2003; and
- each Distribution Date occurs on the 25th day of a month.

Prepayment Assumptions. Prepayments of mortgage loans commonly are measured relative to a prepayment standard or model. The model used in this prospectus supplement with respect to all Classes and Principal Balances Schedules is The Bond Market Association's standard prepayment model ("PSA"). To assume a specified rate of PSA is to assume a specified rate of prepayment each month of the then-outstanding principal balance of a pool of new mortgage loans computed as described under "Description of Certificates—Prepayment Models" in the REMIC Prospectus.

It is highly unlikely that prepayments will occur at any constant PSA rate or at any other constant rate.

Structuring Ranges. The Principal Balance Schedules are found beginning on page B-1 of this prospectus supplement. The Principal Balance Schedules have been prepared on the basis of the

Pricing Assumptions and the assumption that the related Mortgage Loans will prepay at a constant PSA rate within the applicable Structuring Ranges set forth below.

Principal Balance Schedule References	Related Groups (1)	Structuring Ranges
Planned Balances	Aggregate Group I	Between 285% and 400% PSA
Planned Balances	Aggregate Group II	Between 285% and 400% PSA
Planned Balances	Aggregate Group III	Between 140% and 345% PSA
Planned Balances	Aggregate Group IV	Between 150% and 485% PSA

<sup>(1)</sup> The Structuring Ranges for the Aggregate Groups are associated with the related Aggregate Balances but not with the individual balances of the related Classes.

We cannot assure you that the balance of any Group listed above will conform on any Distribution Date to the specified balance in the Principal Balance Schedules. As a result, we cannot assure you that payments of principal of any Group listed above will begin or end on the Distribution Dates specified in the Principal Balance Schedules. We will distribute any excess of principal payments over the amount needed to reduce a Group to its scheduled balance on a Distribution Date. Accordingly, the ability to reduce a Group to its scheduled balance will not be improved by the averaging of high and low principal payments from month to month. In addition, even if the related Mortgage Loans prepay at rates falling within the applicable Structuring Ranges, principal distributions may be insufficient to reduce the applicable Groups to their scheduled balances if the prepayments do not occur at a constant PSA rate, as applicable. Moreover, because of the diverse remaining terms to maturity of the related Mortgage Loans, which may include recently originated Mortgage Loans, the Groups specified above may not be reduced to their scheduled balances, even if prepayments occur at a constant rate within the applicable Structuring Ranges.

Initial Effective Ranges. The Effective Range for a Group is the range of prepayment rates (measured by constant PSA rates) which would reduce that Group to its scheduled balance on each Distribution Date. The Initial Effective Ranges shown in the table below are based upon the assumed characteristics of the related Mortgage Loans specified in the Pricing Assumptions.

Groups	Initial Effective Ranges
Aggregate Group I	Between 266% and 400% PSA
Aggregate Group II	Between 266% and 400% PSA
Aggregate Group III	Between 140% and 400% PSA
Aggregate Group IV	Between 140% and 485% PSA

The actual Effective Ranges at any time will be based upon the actual characteristics of the related Mortgage Loans at that time, which are likely to vary (and may vary considerably) from the Pricing Assumptions. The actual Effective Ranges calculated on the basis of the actual characteristics are likely to differ from the Initial Effective Ranges. As a result, the applicable Groups might not be reduced to their scheduled balances even if prepayments were to occur at a constant PSA rate within the Initial Effective Ranges. This is so particularly if the rate were at the lower or higher end of this range. In addition, even if prepayments occur at rates falling within the actual Effective Ranges, principal distributions may be insufficient to reduce the applicable Groups to their scheduled balances if such prepayments do not occur at a constant PSA rate. It is highly unlikely that the related Mortgage Loans will prepay at any constant PSA rate. In general, the actual Effective Ranges may narrow, widen or shift upward or downward to reflect actual prepayment experience over time. The stability in principal payment of the PAC Groups will be supported in part by the related Support Classes. When the related Support Classes are retired, the PAC Groups, if still outstanding, may no longer have Effective Ranges and will be more sensitive to prepayments.

### **Yield Tables**

General. The tables below illustrate the sensitivity of the pre-tax corporate bond equivalent yields to maturity of the applicable Classes to various constant percentages of PSA and, where specified, to changes in the Index. We calculated the yields set forth in the tables by

- determining the monthly discount rates that, when applied to the assumed streams of cash
  flows to be paid on the applicable Classes, would cause the discounted present values of the
  assumed streams of cash flows to equal the assumed aggregate purchase prices of those Classes,
  and
- converting the monthly rates to corporate bond equivalent rates.

These calculations do not take into account variations in the interest rates at which you could reinvest distributions on the Certificates. Accordingly, these calculations do not illustrate the return on any investment in the Certificates when reinvestment rates are taken into account.

We cannot assure you that

- the pre-tax yields on the applicable Certificates will correspond to any of the pre-tax yields shown here, or
- the aggregate purchase prices of the applicable Certificates will be as assumed.

In addition, it is unlikely that the Index will correspond to the levels shown here. Furthermore, because some of the Mortgage Loans are likely to have remaining terms to maturity shorter or longer than those assumed and interest rates higher or lower than those assumed, the principal payments on the Certificates are likely to differ from those assumed. This would be the case even if all Mortgage Loans prepay at the indicated constant percentages of PSA. Moreover, it is unlikely that

- the Mortgage Loans will prepay at a constant PSA rate until maturity,
- · all of the Mortgage Loans will prepay at the same rate, or
- the level of the Index will remain constant.

The Inverse Floating Rate Classes. The yields on the Inverse Floating Rate Classes will be sensitive in varying degrees to the rate of principal payments, including prepayments, of the related Mortgage Loans and to the level of the Index. The Mortgage Loans generally can be prepaid at any time without penalty. In addition, the rate of principal payments (including prepayments) of the Mortgage Loans is likely to vary, and may vary considerably, from pool to pool. As illustrated in the tables below, it is possible that investors in the BS, CS, SP, NS, SW, SU, DS, HS, SL, SJ, YS and JS Classes would lose money on their initial investments under certain Index and prepayment scenarios.

Changes in the Index may not correspond to changes in prevailing mortgage interest rates. It is possible that lower prevailing mortgage interest rates, which might be expected to result in faster prepayments, could occur while the level of the Index increased.

The information shown in the yield tables has been prepared on the basis of the Pricing Assumptions and the assumptions that

the interest rates for the Inverse Floating Rate Classes for the initial Interest Accrual Period
are the rates listed in the table under "Reference Sheet—Interest Rates" in this prospectus
supplement and for each following Interest Accrual Period will be based on the specified level of
the Index, and

• the aggregate purchase prices of those Classes (expressed in each case as a percentage of original principal balance) are as follows:

Class	Price* %
BS	11.34375%
CS	101.50000%
SP	7.53125%
NS	17.00000%
SW	14.75000%
SU	13.21875%
DS	106.62500%
HS	124.93750%
SX	96.50000%
SL	126.00000%
SJ	125.53125%
SM	93.00000%
YS	125.84375%
JS	125.62500%

<sup>\*</sup> The prices do not include accrued interest. Accrued interest has been added to the prices in calculating the yields set forth in the tables below.

# Sensitivity of the BS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

Tax Yields to Maturity)

		PSA Prepayment Assumption												
LIBOR	<b>50</b> %	100%	200%	285%	370%	400%	550%	750%	900%					
0.12%	62.8%	59.8%	53.7%	50.5%	50.5%	50.5%	45.6%	36.8%	29.5%					
$1.12\% \dots$	52.1%	49.0%	42.5%	39.3%	39.3%	39.3%	33.9%	24.4%	16.7%					
$3.12\% \dots$	31.0%	27.5%	20.2%	17.1%	17.1%	17.1%	10.1%	(1.0)%	(9.7)%					
5.12%	9.4%	4.8%	(3.5)%	(5.9)%	(5.9)%	(5.9)%	(15.3)%	(29.0)%	(39.5)%					
7.05%	*	*	*	*	*	*	* *	* *	* *					

<sup>\*</sup> The pre-tax yield to maturity would be less than (99.9)%.

# Sensitivity of the CS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

**PSA Prepayment Assumption** 

		1 STI I Topay mont instamption											
LIBOR	<b>50</b> %	100%	200%	$\boldsymbol{285\%}$	370%	400%	550%	<b>750</b> %	900%				
0.12%	13.9%	13.8%	13.7%	13.7%	13.7%	13.7%	13.6%	13.5%	13.4%				
$1.12\% \dots$	11.9%	11.8%	11.7%	11.7%	11.7%	11.7%	11.6%	11.5%	11.4%				
$3.12\% \dots$	7.8%	7.7%	7.7%	7.6%	7.6%	7.6%	7.6%	7.5%	7.4%				
5.12%	3.8%	3.7%	3.7%	3.7%	3.7%	3.7%	3.6%	3.5%	3.5%				
$7.05\% \ldots$	(0.1)%	(0.1)%	(0.1)%	(0.1)%	(0.1)%	(0.1)%	(0.2)%	(0.2)%	(0.3)%				

# Sensitivity of the SP Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

PSA Prepayment Assumption

<u>LIBOR</u> <u>50%</u> <u>100%</u> <u>140%</u> <u>150%</u> <u>285%</u> <u>315%</u> <u>345%</u> <u>400%</u> <u>485%</u> <u>600%</u> <u>750%</u>	900%
$0.12\% \dots 98.8\% 93.8\% 89.6\% 88.5\% 77.0\% 77.0\% 77.0\% 77.0\% 76.0\% 68.4\% 59.2\%$	49.6%
$1.12\% \ldots$ $81.2\%$ $75.9\%$ $71.4\%$ $70.3\%$ $58.0\%$ $58.0\%$ $58.0\%$ $58.0\%$ $58.0\%$ $55.0\%$ $48.2\%$ $38.3\%$ $3.12\% \ldots$ $47.2\%$ $40.8\%$ $35.4\%$ $34.0\%$ $19.4\%$ $19.4\%$ $19.4\%$ $19.4\%$ $15.0\%$ $6.5\%$ $(4.8)\%$ $(4.8)\%$	28.3% $(15.6)%$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(65.5)%

<sup>\*</sup> The pre-tax yield to maturity would be less than (99.9)%.

# Sensitivity of the NS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

PSA Prepayment Assumption

LIBOR	50%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
0.12%	43.7%	43.2%	42.5%	42.2%	40.0%	40.0%	40.0%	40.0%	37.8%	34.2%	28.7%	22.6%
$1.12\% \dots$	36.8%	36.1%	35.2%	34.9%	32.3%	32.3%	32.3%	32.3%	29.8%	25.8%	19.9%	13.3%
$3.12\% \dots$	23.0%	21.6%	20.0%	19.6%	16.3%	16.3%	16.3%	16.3%	13.0%	8.0%	0.9%	(6.8)%
$5.12\% \dots$	7.5%	4.7%	2.2%	1.6%	(2.1)%	(2.1)%	(2.1)%	(2.1)%	(6.5)%	(12.7)%	(21.4)%	(30.7)%
7.00%	*	*	*	*	*	*	*	*	*	*	*	*

<sup>\*</sup> The pre-tax yield to maturity would be less than (99.9)%.

LIBOR

 $0.17\% \ldots$ 

1.17% ....

3.17% ....

5.17% ....

7.17% . . . . . 7.68% . . . .

## Sensitivity of the SW Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

**PSA Prepayment Assumption** 100% 140%150% 285% 315%345%485%600% **750**% 900% 47.2% 42.3% 38.6%38.6%38.6%38.6%38.6%38.6%38.6% 35.7% 30.4%24.3%38.9% 33.8%30.0%30.0% 30.0% 30.0% 30.0% 30.0% 30.0% 26.7% 20.9%14.3% 22.3% 16.4%12.6%12.6%12.6%12.6%12.6%12.6%12.6%8.3% 1.3% (6.3)%

## Sensitivity of the SU Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

**PSA Prepayment Assumption** 

LIBOR	<b>50</b> %	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
0.12%	52.9%	50.5%	48.5%	48.5%	48.5%	48.5%	48.5%	48.5%	41.5%	33.6%	24.9%	16.5%
$1.12\% \dots$	43.9%	41.4%	39.3%	39.3%	39.3%	39.3%	39.3%	39.3%	31.1%	22.8%	13.7%	5.0%
$3.12\% \dots$	26.1%	23.0%	20.7%	20.7%	20.7%	20.7%	20.7%	20.7%	9.6%	0.7%	(8.9)%	(18.3)%
$5.12\% \dots$	7.0%	3.1%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	(13.2)%	(21.9)%	(32.1)%	(42.4)%
7.00%	*	*	*	*	*	*	*	*	*	*	*	*

<sup>\*</sup> The pre-tax yield to maturity would be less than (99.9)%.

# Sensitivity of the DS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

PSA Prepayment Assumption

								•				
LIBOR	<b>50</b> %	100%	140%	150%	$\boldsymbol{285\%}$	315%	345%	400%	485%	600%	<b>750</b> %	900%
0.12%	25.1%	25.0%	24.9%	24.8%	22.7%	22.7%	22.7%	22.7%	22.3%	21.7%	21.0%	20.3%
$1.12\% \dots$	21.0%	20.9%	20.8%	20.7%	18.8%	18.8%	18.8%	18.8%	18.3%	17.7%	17.1%	16.4%
3.12%	13.0%	12.9%	12.8%	12.7%	10.9%	10.9%	10.9%	10.9%	10.5%	10.0%	9.4%	8.8%
$5.12\% \dots$	5.1%	5.0%	4.8%	4.8%	3.2%	3.2%	3.2%	3.2%	2.8%	2.4%	1.8%	1.3%
6.50%	(0.3)%	(0.4)%	(0.5)%	(0.6)%	(2.0)%	(2.0)%	(2.0)%	(2.0)%	(2.3)%	(2.8)%	(3.3)%	(3.8)%

# Sensitivity of the HS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

**PSA Prepayment Assumption** 

				,		<u>-</u>			
LIBOR	<b>50</b> %	100%	200%	285%	370%	400%	550%	<b>750</b> %	900%
0.12%	21.7%	21.0%	19.7%	19.2%	19.2%	19.2%	18.1%	16.4%	15.2%
$1.12\% \dots$	18.3%	17.6%	16.3%	15.7%	15.7%	15.7%	14.6%	13.0%	11.8%
$3.12\% \dots$	11.4%	10.6%	9.4%	8.9%	8.9%	8.9%	7.7%	6.1%	4.9%
$5.12\% \dots$	4.5%	3.8%	2.6%	2.1%	2.1%	2.1%	0.9%	(0.7)%	(1.8)%
$7.05\% \ldots$	(2.2)%	(2.8)%	(4.0)%	(4.3)%	(4.3)%	(4.3)%	(5.5)%	(7.1)%	(8.2)%

<sup>\*</sup> The pre-tax yield to maturity would be less than (99.9)%.

# Sensitivity of the SX Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

		PSA Prepayment Assumption												
LIBOR	50%	100%	140%	150%	285%	315%	345%	400%	485%	600%	<b>750</b> %	900%		
0.17%	12.4%	12.5%	12.6%	12.6%	12.6%	12.6%	12.6%	12.6%	12.6%	12.7%	12.9%	13.1%		
$1.17\% \dots$	10.8%	10.9%	11.1%	11.1%	11.1%	11.1%	11.1%	11.1%	11.1%	11.2%	11.3%	11.5%		
$3.17\% \dots$	7.6%	7.8%	7.9%	7.9%	7.9%	7.9%	7.9%	7.9%	7.9%	8.0%	8.2%	8.4%		
$5.17\% \dots$	4.5%	4.7%	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%	4.8%	4.9%	5.1%	5.3%		
$7.17\% \dots$	1.4%	1.6%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.7%	1.9%	2.1%	2.3%		
7 68%	0.6%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	1 1%	1.3%	1.5%		

# Sensitivity of the SL Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

		PSA Prepayment Assumption											
LIBOR	50%	100%	140%	150%	$\boldsymbol{285\%}$	315%	345%	400%	485%	600%	<b>750</b> %	900%	
0.17%	16.2%	15.2%	14.5%	14.5%	14.5%	14.5%	14.5%	14.5%	14.5%	13.8%	12.7%	11.7%	
$1.17\% \dots$	13.6%	12.6%	11.9%	11.9%	11.9%	11.9%	11.9%	11.9%	11.9%	11.2%	10.2%	9.1%	
$3.17\% \dots$	8.5%	7.5%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.8%	6.1%	5.0%	4.0%	
$5.17\% \dots$	3.4%	2.4%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.8%	1.0%	0.0%	(1.1)%	
$7.17\% \dots$	(1.7)%	(2.7)%	(3.2)%	(3.2)%	(3.2)%	(3.2)%	(3.2)%	(3.2)%	(3.2)%	(4.0)%	(5.0)%	(6.1)%	
$7.68\% \ldots$	(3.0)%	(4.0)%	(4.4)%	(4.4)%	(4.4)%	(4.4)%	(4.4)%	(4.4)%	(4.4)%	(5.2)%	(6.3)%	(7.3)%	

# Sensitivity of the SJ Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption												
LIBOR	50%	100%	140%	150%	285%	315%	345%	400%	485%	600%	<b>750</b> %	900%	
0.12%	21.7%	21.1%	20.7%	20.7%	20.7%	20.7%	20.7%	20.7%	18.9%	17.6%	16.1%	14.9%	
$1.12\% \dots$	18.2%	17.7%	17.2%	17.2%	17.2%	17.2%	17.2%	17.2%	15.4%	14.1%	12.7%	11.4%	
$3.12\% \dots$	11.3%	10.7%	10.4%	10.4%	10.4%	10.4%	10.4%	10.4%	8.4%	7.1%	5.8%	4.5%	
5.12%	4.5%	3.9%	3.6%	3.6%	3.6%	3.6%	3.6%	3.6%	1.6%	0.3%	(1.0)%	(2.2)%	
7.00%	(2.0)%	(2.6)%	(2.8)%	(2.8)%	(2.8)%	(2.8)%	(2.8)%	(2.8)%	(4.7)%	(5.9)%	(7.2)%	(8.4)%	

# Sensitivity of the SM Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption												
LIBOR	<b>50</b> %	100%	140%	150%	285%	315%	345%	400%	$\boldsymbol{485\%}$	600%	<b>750</b> %	900%	
0.12%	15.5%	15.7%	15.8%	15.8%	15.9%	15.9%	15.9%	15.9%	16.2%	16.5%	16.9%	17.3%	
$1.12\% \dots$	13.3%	13.4%	13.6%	13.6%	13.7%	13.7%	13.7%	13.7%	14.0%	14.3%	14.7%	15.1%	
$3.12\% \dots$	8.9%	9.1%	9.2%	9.2%	9.3%	9.3%	9.3%	9.3%	9.7%	10.0%	10.4%	10.8%	
$5.12\% \dots$	4.6%	4.8%	4.9%	4.9%	5.0%	5.0%	5.0%	5.0%	5.4%	5.7%	6.1%	6.5%	
$7.00\% \ldots$	0.6%	0.8%	0.9%	1.0%	1.1%	1.1%	1.1%	1.1%	1.5%	1.8%	2.2%	2.6%	

# Sensitivity of the YS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption												
LIBOR	50%	100%	140%	150%	285%	315%	345%	400%	485%	600%	<b>750</b> %	900%	
0.12%	22.6%	22.3%	22.1%	22.0%	21.5%	21.5%	21.5%	21.5%	21.0%	20.3%	19.3%	18.3%	
$1.12\% \dots$	19.1%	18.8%	18.5%	18.5%	17.9%	17.9%	17.9%	17.9%	17.4%	16.7%	15.7%	14.8%	
$3.12\% \dots$	12.1%	11.8%	11.5%	11.4%	10.9%	10.9%	10.9%	10.9%	10.4%	9.6%	8.7%	7.7%	
5.12%	5.2%	4.8%	4.5%	4.4%	3.9%	3.9%	3.9%	3.9%	3.4%	2.7%	1.7%	0.8%	
7.00%	(1.5)%	(1.9)%	(2.1)%	(2.2)%	(2.6)%	(2.6)%	(2.6)%	(2.6)%	(3.1)%	(3.8)%	(4.7)%	(5.7)%	

## Sensitivity of the JS Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption												
LIBOR	50%	100%	140%	150%	$\boldsymbol{285\%}$	315%	345%	400%	485%	600%	<b>750</b> %	900%	
0.12%	22.3%	21.9%	21.6%	21.5%	21.2%	21.2%	21.2%	21.2%	20.2%	19.3%	18.2%	17.2%	
$1.12\% \dots$	18.8%	18.4%	18.1%	18.0%	17.7%	17.7%	17.7%	17.7%	16.7%	15.8%	14.7%	13.6%	
$3.12\% \dots$	11.9%	11.4%	11.1%	11.0%	10.7%	10.7%	10.7%	10.7%	9.7%	8.8%	7.7%	6.7%	
5.12%	4.9%	4.5%	4.1%	4.1%	3.8%	3.8%	3.8%	3.8%	2.8%	1.9%	0.9%	(0.2)%	
7.00%	(1.7)%	(2.1)%	(2.4)%	(2.4)%	(2.7)%	(2.7)%	(2.7)%	(2.7)%	(3.6)%	(4.5)%	(5.5)%	(6.5)%	

The Principal Only Classes. The Principal Only Classes will not bear interest. As indicated in the tables below, a low rate of principal payments (including prepayments) on the related Mortgage Loans will have a negative effect on the yields to investors in the Principal Only Classes.

The information shown in the yield tables has been prepared on the basis of the Pricing Assumptions and the assumption that the aggregate purchase prices of the Principal Only Classes (expressed in each case as a percentage of its original principal balance) are as follows:

Class	Price
KO	55.000%
AO	75.125%
L0	66.250%

### Sensitivity of the KO Class to Prepayments

					PSA I	Prepaym	ent Ass	umption				
	50%	100%	$\underline{140\%}$	$\underline{150\%}$	$\boldsymbol{285\%}$	315%	345%	400%	$\underline{485\%}$	600%	<b>750</b> %	900%
Pre-Tax Yields to Maturity	4.1%	5.3%	6.2%	6.4%	8.0%	8.0%	8.0%	8.0%	9.5%	11.7%	14.4%	17.2%

### Sensitivity of the AO Class to Prepayments

	PSA Prepayment Assumption												
	<b>50</b> %	100%	140%	$\underline{150\%}$	285%	315%	345%	400%	$\underline{485\%}$	600%	<b>750</b> %	900%	
Pre-Tax Yields to Maturity	4.3%	5.8%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	6.6%	7.7%	9.2%	10.6%	

### Sensitivity of the LO Class to Prepayments

		PSA Prepayment Assumption												
	<b>50</b> %	100%	$\underline{140\%}$	150%	285%	315%	345%	400%	$\underline{485\%}$	600%	<b>750</b> %	900%		
Pre-Tax Yields to Maturity	4.3%	5.5%	6.3%	6.3%	6.3%	6.3%	6.3%	6.3%	10.4%	13.2%	16.0%	18.6%		

### Weighted Average Lives of the Certificates

The weighted average life of a Certificate is determined by

- (a) multiplying the amount of the reduction, if any, of the principal balance of the Certificate from one Distribution Date to the next Distribution Date by the number of years from the Settlement Date to the second such Distribution Date,
- (b) summing the results, and
- (c) dividing the sum by the aggregate amount of the reductions in principal balance of the Certificate referred to in clause (a).

For a description of the factors which may influence the weighted average life of a Certificate, see "Description of Certificates—Weighted Average Life and Final Distribution Date" in the REMIC Prospectus.

In general, the weighted average lives of the Certificates will be shortened if the level of prepayments of principal of the related Mortgage Loans increases. However, the weighted average lives will depend upon a variety of other factors, including

- the timing of changes in the rate of principal payments,
- the priority sequences of payments of principal of the Classes, and
- in the case of the Group 1 and Group 2 Classes the payment of principal of certain Classes in accordance with the Principal Balance Schedules.

See "—Distributions of Principal" above.

The effect of these factors may differ as to various Classes and the effects on any Class may vary at different times during the life of that Class. Accordingly, we can give no assurance as to the weighted average life of any Class. Further, to the extent the prices of the Certificates represent discounts or premiums to their original principal balances, variability in the weighted average lives of those Classes of Certificates could result in variability in the related yields to maturity. For an example of how the weighted average lives of the Classes may be affected at various constant prepayment rates, see the Decrement Tables below.

#### **Decrement Tables**

The following tables indicate the percentages of original principal balances of the specified Classes that would be outstanding after each date shown at various constant PSA rates, and the corresponding weighted average lives of those Classes. The tables have been prepared on the basis of the Pricing Assumptions. However, in the case of the information set forth for each Class under 0% PSA, we assumed that the underlying Mortgage Loans have the original and remaining terms to maturity and bear interest at the annual rates specified in the table below.

Mortgage Loans Relating to Trust Assets Specified Below	Original Terms to Maturity	Remaining Terms to Maturity	Interest Rates
Group 1 MBS	360 months	360 months	8.50%
Group 2 MBS	360 months	360 months	8.50%
Group 3 MBS	180 months	180 months	6.50%

### It is unlikely

- that all of the underlying Mortgage Loans will have the interest rates, WALAs or remaining terms to maturity assumed or
- that the underlying Mortgage Loans will prepay at any constant PSA level.

In addition, the diverse remaining terms to maturity of the Mortgage Loans could produce slower or faster principal distributions than indicated in the tables at the specified constant PSA rates. This is the case even if the dispersion of weighted average remaining terms to maturity and the weighted average WALAs of the Mortgage Loans are identical to the dispersion specified in the Pricing Assumptions.

### Percent of Original Principal Balances Outstanding

		GF, HF, BS $\dagger$ , CS and HS Classes								HA Class								
					A Prepa Assumpt									A Prepa Assump				
Date	0%	100%	200%	285%	370%	400%	550%	<b>750</b> %	900%	0%	100%	200%	285%	370%	400%	$\underline{550\%}$	<b>750</b> %	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
December 2004	98	96	93	92	92	92	92	92	92	100	100	100	100	100	100	100	100	100
December 2005	96	88	82	78	78	78	76	64	56	100	100	100	100	100	100	100	100	100
December 2006	94	80	68	61	61	61	50	35	25	100	100	100	100	100	100	100	100	100
December 2007	92	71	55	47	47	47	33	18	11	100	100	100	100	100	100	100	100	100
December 2008	90	63	44	35	35	35	21	10	4	100	100	100	100	100	100	100	100	100
December 2009	87	56	34	26	26	26	14	5	1	100	100	100	100	100	100	100	100	100
December 2010	84	49	25	19	19	19	9	2	*	100	100	100	100	100	100	100	100	100
December 2011	81	41	17	14	14	14	5	1	0	100	100	100	100	100	100	100	100	53
December 2012	78	35	10	10	10	10	3	0	0	100	100	100	100	100	100	100	96	24
December 2013	75	28	7	7	7	7	2	0	0	100	100	100	100	100	100	100	51	11
December 2014	71	22	5	5	5	5	1	0	0	100	100	100	100	100	100	100	28	5
December 2015	67	15	4	4	4	4	*	0	0	100	100	100	100	100	100	100	15	2
December 2016	63	9	2	2	2	2	0	0	0	100	100	100	100	100	100	81	8	1
December 2017	58	4	2	2	2	2	0	0	0	100	100	100	100	100	100	52	4	*
December 2018	53	1	1	1	1	1	0	0	0	100	100	100	100	100	100	34	2	*
December 2019	48	*	*	***	*	*	0	0	0	100	100	100	100	100	100	22	1	*
December 2020	42	*	*	*	*	*	0	0	0	100	100	100	100	100	100	14	1	*
December 2021	36	0	0	0	0	0	0	0	0	100	74	74	74	$^{74}$	$^{74}$	9	*	*
December 2022	29	0	0	0	0	0	0	0	0	100	53	53	53	53	53	6	*	
December 2023	22	0	0	0	0	0	0	0	0	100	38	38	38	38	38	3	*	*
December 2024	14	0	0	0	0	0	0	0	0	100	26	26	26	26	26	2	*	*
December 2025	6	0	0	0	0	0	0	0	0	100	18	18	18	18	18	1	*	
December 2026	0	0	0	0	0	0	0	0	0	12	12	12	12	12	12	1	*	*
December 2027	0	0	0	0	0	0	0	0	0	8	8	8	8	8	8	*	*	
December 2028	0	0	0	0	0	0	0	0	0	5	5	5	5	5	5	*	*	*
December 2029	0	0	0	0	0	0	0	0	0	3	3	3	3	3	3	*	*	*
December 2030	0	0	0	0	0	0	0	0	0	2	2	2	2	2	2	*	*	*
December 2031	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	*	*	
December 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0
December 2033	0	U	0	0	0	0	0	0	U	0	0	0	0	0	0	0	0	U
Weighted Average Life (years)**	14.4	7.1	5.0	4.6	4.6	4.6	3.6	2.8	2.4	23.0	19.9	19.9	19.9	19.9	19.9	14.8	10.6	8.5
			0.0	1.0	1.0	1.0	0.0	0			10.0	10.0	10.0	10.0	10.0	11.0	10.0	0.0

<sup>\*</sup> Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

<sup>\*\*</sup> Determined as specified under "—Weighted Average Lives of the Certificates" above.

<sup>†</sup> In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

PSA Prepayment Assumption 0% 100% 200% 285% 370% 400% 550% **750**% 900% Date Initial Percent. 100 100 100 100 100 100 100 100 100 December 2004 106 106 106 100 87 63 40 28 24 22 20 18 15 83 61 31 December 2005 December 2006  $\begin{array}{c} 113 \\ 120 \end{array}$  $\begin{array}{c} 100 \\ 100 \end{array}$ 113  $\frac{113}{120}$ 50 0 0 20 December 2007 127 127 127 $\begin{array}{c} 100 \\ 100 \\ 98 \\ 92 \\ 84 \\ 75 \\ 66 \\ 57 \\ 49 \\ 41 \\ 35 \\ 29 \\ 24 \\ 19 \\ 16 \end{array}$ 5 December 2008 December 2009  $\frac{135}{143}$  $\begin{array}{c} 135 \\ 143 \end{array}$ 135 0 0 0 143 152 161 171 152 161 171 December 2010  $\frac{152}{161}$ December 2011 December 2012 167 152 137 122 December 2013 December 2014 182 193 182 193 13 11 9 7 December 2015 218 231 December 2016 December 2017  $\frac{218}{231}$ 108 94 82 70 60 51 43 35 29 23 19 6 5 December 2018 261 277 December 2019 December 2020 204 4 3 2 2 184 December 2021 165 12 10 December 2022 December 2023 312  $\frac{147}{130}$ 331 113 97 82 68 54 December 2024 8 6 4 3 2 1 December 2025 December 2026 373 378 337 292 December 2027 December 2028 December 2029 11 42 30 18 0 0 0 243 0 0 0 8 5 3 December 2030 December 2031 190 132 1 8 0 0 December 2032 1 December 2033 0 0 0 0 Weighted Average Life (years)\*\* 21.2 15.8 12.9 2.1 1.1 0.8 0.7 4.4

HZ Class

	FP Class PSA Prepayment													
							epayment mption							
Date	0%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%		
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100		
December 2004	98	96	95	95	94	94	94	94	94	94	94	94		
December 2005	97	90	88	87	81	81	81	81	81	77	70	62		
December 2006	95	83	78	77	67	67	67	67	62	54	43	31		
December 2007	93	76	70	68	55	55	55	55	47	35	23	14		
December 2008	91	69	62	60	43	43	43	43	33	22	13	6		
December 2009	89	62	54	52	32	32	32	32	23	14	7	3		
December 2010	87	56	47	44	24	24	24	24	16	9	4	1		
December 2011	84	50	37	35	18	18	18	18	11	6	2	1		
December 2012	81	42	29	26	13	13	13	13	8	3	1	*		
December 2013	78	35	21	18	10	10	10	10	5	2	1	*		
December 2014	75	27	13	10	7	7	7	7	4	1	*	*		
December 2015	72	20	6	5	5	5	5	5	3	1	*	*		
December 2016	68	12	4	4	4	4	4	4	2	1	*	*		
December 2017	64	5	3	3	3	3	3	3	1	*	*	*		
December 2018	60	2	2	2	2	2	2	2	1	*	*	*		
December 2019	55	2	2	2	2	2	2	2	1	*	*	*		
December 2020	50	1	1	1	1	1	1	1	*	*	*	*		
December 2021	44	ī	$\bar{1}$	ī	ī	ī	ī	ī	*	*	*	*		
December 2022	36	1	1	1	1	1	1	1	*	*	*	*		
December 2023	27	*	*	*	*	*	*	*	*	*	*	*		
December 2024	18	*	*	*	*	*	*	*	*	*	*	*		
December 2025	8	*	*	*	*	*	*	*	*	*	*	*		
December 2026	*	*	*	*	*	*	*	*	*	*	*	*		
December 2027	*	*	*	*	*	*	*	*	*	*	*	*		
December 2028	*	*	*	*	*	*	*	*	*	*	*	0		
December 2029	*	*	*	*	*	*	*	*	*	*	*	0		
December 2030	*	*	*	*	*	*	*	*	*	*	*	0		
December 2031	*	*	*	*	*	*	*	*	*	*	*	0		
December 2032	*	*	*	*	*	*	*	*	*	*	0	0		
December 2033	0	0	0	0	0	0	0	0	0	0	Ō	Ō		
Weighted Average														
Life (vears)**	15.2	7.8	6.7	6.4	5.2	5.2	5.2	5.2	4.5	3.7	3.1	2.6		

 $<sup>^{*}</sup>$  Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

<sup>\*\*</sup> Determined as specified under "—Weighted Average Lives of the Certificates" above.

SP† and PB Classes

	PSA Prepayment Assumption											
Date	0%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
December 2004	97	93	91	91	87	87	87	87	87	87	87	87
December 2005	94	81	76	75	63	63	63	63	63	56	41	27
December 2006	90	66	58	56	35	35	35	35	27	11	0	0
December 2007	87	53	41	39	12	12	12	12	0	0	0	0
December 2008	83	39	26	22	0	0	0	0	0	0	0	0
December 2009	79	27	11	7	0	0	0	0	0	0	0	0
December 2010	74	15	0	0	0	0	0	0	0	0	0	0
December 2011	69	3	0	0	0	0	0	0	0	0	0	0
December 2012	64	0	0	0	0	0	0	0	0	0	0	0
December 2013	58	0	0	0	0	0	0	0	0	0	0	0
December 2014	52	0	0	0	0	0	0	0	0	0	0	0
December 2015	45	0	0	0	0	0	0	0	0	0	0	0
December 2016	38	0	0	0	0	0	0	0	0	0	0	0
December 2017	30	0	0	0	0	0	0	0	0	0	0	0
December 2018	22	0	0	0	0	0	0	0	0	0	0	0
December 2019	13	0	0	0	0	0	0	0	0	0	0	0
December 2020	4	0	0	0	0	0	0	0	0	0	0	0
December 2021	0	0	0	0	0	0	0	0	0	0	0	0
December 2022	0	0	0	0	0	0	0	0	0	0	0	0
December 2023	0	0	0	0	0	0	0	0	0	0	0	0
December 2024	0	0	0	0	0	0	0	0	0	0	0	0
December 2025	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
December 2027	0	0	0	0	0	0	0	0	0	0	0	0
December 2028	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
December 2030	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
December 2032	0	0	0	0	0	0	0	0	0	0	0	0
December 2033	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)**	10.5	4.3	3.6	3.4	2.5	2.5	2.5	2.5	2.3	2.1	1.8	1.6

NS†.	KO	and	YS	Classes

	PSA Prepayment Assumption											
Date	0%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
Initial Percent	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
December 2005	100	100	100	100	100	100	100	100	100	100	100	100
December 2006	100	100	100	100	100	100	100	100	100	100	88	64
December 2007	100	100	100	100	100	100	100	100	98	73	48	29
December 2008	100	100	100	100	90	90	90	90	68	46	26	13
December 2009	100	100	100	100	67	67	67	67	48	29	14	6
December 2010	100	100	96	90	50	50	50	50	33	18	8	3
December 2011	100	100	77	71	37	37	37	37	23	11	4	1
December 2012	100	87	59	53	28	28	28	28	16	7	2	1
December 2013	100	71	43	36	21	21	21	21	11	4	1	*
December 2014	100	56	27	21	15	15	15	15	8	3	1	*
December 2015	100	40	12	11	11	11	11	11	5	2	*	*
December 2016	100	25	8	8	8	8	8	8	4	1	*	*
December 2017	100	11	6	6	6	6	6	6	2	1	*	*
December 2018	100	4	4	4	4	4	4	4	2	*	*	*
December 2019	100	3	3	3	3	3	3	3	1	*	*	*
December 2020	100	2	2	2	2	2	2	2	1	*	*	*
December 2021	90	2	2	2	2	2	2	2	1	*	*	*
December 2022	$^{74}$	1	1	1	1	1	1	1	*	*	*	*
December 2023	56	1	1	1	1	1	1	1	*	*	*	*
December 2024	37	1	1	1	1	1	1	1	*	*	*	*
December 2025	16	*	*	*	*	*	*	*	*	*	*	*
December 2026	*	*	*	*	*	*	*	*	*	*	*	*
December 2027	*	*	*	*	*	*	*	*	*	*	*	*
December 2028	*	*	*	*	*	*	*	*	*	*	*	0
December 2029	*	*	*	*	*	*	*	*	*	*	*	0
December 2030	*	*	*	*	*	*	*	*	*	*	*	0
December 2031	*	*	*	*	*	*	*	*	*	*	*	0
December 2032		*	*	*	*	*	*	*	*	*	*	0
December 2033	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average Life (years)**	20.3	11.6	10.0	9.7	8.0	8.0	8.0	8.0	6.7	5.5	4.4	3.7

<sup>\*</sup> Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

<sup>\*\*</sup> Determined as specified under "—Weighted Average Lives of the Certificates" above.

<sup>†</sup> In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

FA, SW†, AO, SX and SL Classes

	PSA Prepayment Assumption											
Date	0%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
December 2004	98	94	93	93	93	93	93	93	93	93	93	93
December 2005	95	84	80	80	80	80	80	80	80	80	80	79
December 2006	92	72	65	65	65	65	65	65	65	65	49	36
December 2007	89	61	51	51	51	51	51	51	51	41	27	16
December 2008	86	50	38	38	38	38	38	38	38	26	14	7
December 2009	82	39	27	27	27	27	27	27	27	16	8	3
December 2010	78	29	19	19	19	19	19	19	19	10	4	2
December 2011	74	19	13	13	13	13	13	13	13	6	2	1
December 2012	70	10	9	9	9	9	9	9	9	4	1	*
December 2013	65	6	6	6	6	6	6	6	6	2	1	*
December 2014	60	4	4	4	4	4	4	4	4	2	*	*
December 2015	54	3	3	3	3	3	3	3	3	1	*	*
December 2016	48	2	2	2	2	2	2	2	2	1	*	*
December 2017	42	1	1	1	1	1	1	1	1	*	*	*
December 2018	35	1	1	1	1	1	1	1	1	*	*	*
December 2019	28	1	1	1	1	1	1	1	1	*	*	*
December 2020	20	*	*	*	*	*	*	*	*	*	*	*
December 2021	11	*	*	*	*	*	*	*	*	*	*	*
December 2022	2	*	*	*	*	*	*	*	*	*	*	*
December 2023	*	*	*	*	*	*	*	*	*	*	*	*
December 2024	*	*	*	*	*	*	*	*	*	*	*	*
December 2025	*	*	*	*	*	*	*	*	*	*	*	*
December 2026	*	*	*	*	*	*	*	*	*	*	*	*
December 2027	*	*	*	*	*	*	*	*	*	*	*	*
December 2028	*	*	*	*	*	*	*	*	*	*	*	0
December 2029	*	*	*	*	*	*	*	*	*	*	*	0
December 2030	*	*	*	*	*	*	*	*	*	*	*	0
December 2031	*	*	*	*	*	*	*	*	*	*	*	0
December 2032	*	*	*	*	*	*	*	*	*	*	0	0
December 2033	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)**	11.8	5.3	4.7	4.7	4.7	4.7	4.7	4.7	4.7	4.0	3.3	2.9

FD.	SU†.	LO	and	SJ	Classes

	PSA Prepayment Assumption											
Date	0%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
December 2004	99	97	96	96	96	96	96	96	96	96	96	96
December 2005	97	91	89	89	89	89	89	89	89	89	83	44
December 2006	96	84	80	80	80	80	80	80	80	37	28	20
December 2007	94	78	72	72	72	72	72	72	43	23	15	9
December 2008	92	72	65	65	65	65	65	65	22	15	8	4
December 2009	90	66	56	56	56	56	56	56	15	9	4	2
December 2010	88	60	46	46	46	46	46	46	10	6	2	1
December 2011	85	54	38	38	38	38	38	38	7	4	1	*
December 2012	83	49	30	30	30	30	30	30	5	2	1	*
December 2013	80	26	24	24	24	24	24	24	3	1	*	*
December 2014	77	19	19	19	19	19	19	19	2	1	*	*
December 2015	74	14	14	14	14	14	14	14	2	1	*	*
December 2016	71	11	11	11	11	11	11	11	1	*	*	*
December 2017	67	8	8	8	8	8	8	8	1	*	*	*
December 2018	63	6	6	6	6	6	6	6	1	*	*	*
December 2019	59	5	5	5	5	5	5	5	*	*	*	*
December 2020	55	4	4	4	4	4	4	4	*	*	*	*
December 2021	50	3	3	3	3	3	3	3	*	*	*	*
December 2022	45	2	2	2	2	2	2	2	*	*	*	*
December 2023	13	1	1	1	1	1	1	1	*	*	*	*
December 2024	1	1	1	1	1	1	1	1	*	*	*	*
December 2025	1	1	1	1	1	1	1	1	*	*	*	*
December 2026	*	*	*	*	*	*	*	*	*	*	*	*
December 2027	*	*	*	*	*	*	*	*	*	*	*	0
December 2028	*	*	*	*	*	*	*	*	*	*	*	0
December 2029	*	*	*	*	*	*	*	*	*	*	*	0
December 2030	*	*	*	*	*	*	*	*	*	*	*	0
December 2031	*	*	*	*	*	*	*	*	*	*	*	0
December 2032	*	*	*	*	*	*	*	*	*	*	0	0
December 2033	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (years)**	15.3	8.1	7.3	7.3	7.3	7.3	7.3	7.3	4.3	3.4	2.8	2.4

<sup>\*</sup> Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

<sup>\*\*</sup> Determined as specified under "—Weighted Average Lives of the Certificates" above.

<sup>†</sup> In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

DF and DS Classes PSA Prepayment Assumption 285%600% 0% 100% 140% 150% 345% 400% 485% **750**% 900% Date 315% Initial Percent . 100 100 100 100 100 100 100 100 100 100 100 100 99 97 94 89 62 32 89 62 32 December 2004 100 100 89 89 62 32 13 62 7 0 December 2005 December 2006 62 32 38 0 100 100 100 0 92 90 December 2007 100 100 13 13 13 December 2008 December 2009 100 100 100 2 2 2 2 81 68 51 December 2010 100 100 100 100 93 81 64 45 23 December 2011 December 2012 100 100 December 2013 100 32 December 2014 81 58 11 December 2015 December 2016 December 2017  $\frac{100}{100}$ 34 December 2018 December 2019 December 2020 100 100 December 2021 December 2022 December 2023 100 100 December 2024 73 31 \* December 2025 December 2026 December 2027 December 2028 December 2029 0 0 0 0 0 December 2030 December 2031 0 December 2032 0 December 2033 0 0 0 0 0 0 0 0 0 0 Weighted Average Life (years)\*\* 12.3 9.6 8.6 2.5 2.5 2.5 2.5 2.1 1.8 1.5 1.3

					PZ Class							
	PSA Prepayment Assumption											
Date	0%	100%	140%	150%	285%	315%	345%	400%	485%	600%	750%	900%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100
December 2004	106	106	106	106	100	96	91	83	70	53	31	8
December 2005	113	113	113	113	100	87	74	50	15	0	0	0
December 2006	120	120	120	120	100	78	57	20	0	0	0	0
December 2007	127	127	127	127	100	74	48	5	0	0	0	0
December 2008	135	135	135	135	100	71	45	*	0	0	0	0
December 2009	143	143	143	143	98	69	43	*	0	0	0	0
December 2010	152	152	152	152	92	64	39	*	0	0	0	0
December 2011	161	161	161	161	84	58	35	*	0	0	0	0
December 2012	171	171	171	171	75	51	30	*	0	0	0	0
December 2013	182	182	182	182	66	44	26	*	0	0	0	0
December 2014	193	193	193	193	57	38	22	*	0	0	0	0
December 2015	205	205	205	190	49	32	18	*	0	0	0	0
December 2016	218	218	188	172	41	26	15	*	0	0	0	0
December 2017	231	231	170	154	34	22	12	*	0	0	0	0
December 2018	245	224	152	138	29	18	10	*	0	0	0	0
December 2019	261	203	135	122	23	14	8	*	0	0	0	0
December 2020	277	184	119	107	19	12	6	*	0	0	0	0
December 2021	294	165	105	93	15	9	5	*	0	0	0	0
December 2022	312	147	91	80	12	7	4	*	0	0	0	0
December 2023	331	129	78	69	10	6	3	*	0	0	0	0
December 2024	351	113	66	58	8	4	2	*	0	0	0	0
December 2025	373	97	56	48	6	3	2	*	0	0	0	0
December 2026	378	82	46	40	4	2	1	*	0	0	0	0
December 2027	337	68	37	32	3	2	1	*	0	0	0	0
December 2028	292	54	29	25	2	1	1	*	0	0	0	0
December 2029	243	42	22	18	2	1	*	*	0	0	0	0
December 2030	190	30	15	13	1	1	*	*	0	0	0	0
December 2031	132	18	9	8	1	*	*	*	0	0	0	0
December 2032	69	8	4	3	*	*	*	*	0	0	0	0
December 2033	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average												
Life (vears)**	26.8	21.2	19.0	18.4	12.9	9.4	6.5	2.1	1.4	1.0	0.8	0.7

 $<sup>^{*}</sup>$  Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

<sup>\*\*</sup> Determined as specified under "—Weighted Average Lives of the Certificates" above.

SM and JS Classes PSA Prepayment Assumption 0% 100% 140% 150% 285% 315% 345% 400% 485% 600% **750**% 900% Date Initial Percent . 100 100 100 100 100 100 100 100 100 100 100 100 98 95 92 98 93 62 98 76 45 December 2004  $\begin{array}{c} 98 \\ 95 \\ 92 \\ 88 \\ 85 \\ 81 \\ 75 \\ 60 \\ 47 \\ 35 \\ 23 \\ 13 \\ 9 \\ 7 \\ 5 \end{array}$ 98 98 95 92 88 79 98 95 92 74 49 34 23 16 December 2005 December 2006 95 92 99 96  $\begin{array}{c} 95 \\ 92 \\ 88 \\ 79 \\ 62 \\ 48 \\ 37 \\ 29 \\ 22 \\ 17 \\ 13 \\ 9 \\ 7 \\ 5 \\ 4 \\ 3 \\ 2 \\ 2 \\ 1 \end{array}$ 95 92 88 79 62 48 37 29 22 17 13 9 7 5 4 3 2 2 95 73 52 33 20 98 97 97 88 79 62 88 85 81 71 57 43 31 20 13 9 December 2007 90 34 21December 2008 88 85 18 10 December 2009 96 95 94 93 92 90 48 37 29 December 2010  $\begin{array}{c} 83 \\ 80 \\ 71 \\ 52 \\ 40 \\ 29 \end{array}$ 48 37 29 22 17 13 13 December 2011 8 5 December 2012 22 17 13 December 2013 December 2014 89 88 December 2015 December 2016 December 2017 19 10 86 84 83 December 2018 December 2019 . December 2020 . 81 73 61 3 2 2 December 2021 December 2022 December 2023 37 21 December 2024 December 2025 December 2026 December 2027 December 2028 December 2029 December 2030 December 2031 December 2032 December 2033. 0 0 0 0 0 0 0 0 0 0 0 0 Weighted Average Life (years)\*\* ...... 18.1 10.1 8.8 8.6 7.7 7.7 7.7 7.7 5.7 4.6 3.7 3.2

			DA Class				DY Class					
		F	PSA Prepayn Assumption					PSA Prepaye Assumption				
Date	0%	100%	161%	250%	320%	0%	100%	161%	250%	320%		
Initial Percent	100	100	100	100	100	100	100	100	100	100		
December 2004	95	91	89	87	85	100	100	100	100	100		
December 2005	89	79	74	68	63	100	100	100	100	100		
December 2006	83	67	59	48	41	100	100	100	100	100		
December 2007	77	55	45	33	24	100	100	100	100	100		
December 2008	70	44	33	20	11	100	100	100	100	100		
December 2009	63	34	23	9	1	100	100	100	100	100		
December 2010	55	25	13	1	0	100	100	100	100	75		
December 2011	47	16	5	0	0	100	100	100	77	54		
December 2012	39	-8	Ō	Ō	Õ	100	100	93	57	37		
December 2013	29	*	0	0	0	100	100	70	40	25		
December 2014	19	0	0	0	0	100	75	50	27	16		
December 2015	9	ŏ	ŏ	ŏ	ŏ	100	52	33	17	10		
December 2016	Ō	0	0	0	0	91	30	18	9	5		
December 2017	Ō	0	Ō	0	Õ	47	10	6	3	ĩ		
December 2018	ŏ	ŏ	ŏ	ŏ	ŏ	0	0	ő	ŏ	0		
December 2019	Ō	0	Ō	0	Õ	0	Õ	0	Ō	0		
December 2020	Õ	ŏ	ŏ	ŏ	ŏ	Õ	Õ	ŏ	ŏ	0		
December 2021	Ŏ	Ö	ŏ	Ö	ŏ	Ö	ŏ	ŏ	ŏ	ŏ		
December 2022	Õ	ŏ	ŏ	ŏ	ŏ	Õ	Õ	ŏ	ŏ	0		
December 2023	Õ	ŏ	ŏ	ŏ	ŏ	Õ	Õ	ŏ	ŏ	0		
December 2024	Ŏ	Ö	ŏ	Ö	ŏ	Ö	ŏ	ŏ	ŏ	ŏ		
December 2025	Õ	ŏ	ŏ	ŏ	ŏ	Õ	Õ	ŏ	ŏ	0		
December 2026	Õ	ŏ	ŏ	ŏ	ŏ	Õ	Õ	ŏ	Ö	0		
December 2027	ŏ	ŏ	ŏ	Ö	ŏ	Ö	ŏ	ŏ	ŏ	Ö		
December 2028	Ō	0	Ō	0	Õ	0	Õ	0	0	0		
December 2029	Õ	ŏ	ŏ	Õ	ŏ	Õ	ŏ	ŏ	Ö	0		
December 2030	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ŏ		
December 2031	Ő	Õ	ŏ	Õ	ŏ	Õ	ŏ	ŏ	ŏ	0		
December 2032	ő	ő	ŏ	ő	ő	0	ő	ő	ŏ	ő		
December 2033	ŏ	ő	ő	ő	ŏ	0	ő	ő	ő	ő		
Weighted Average	O	· ·	Ü	O	0	0	O	O	O	Ü		
Life (years)**	7.3	4.7	3.9	3.2	2.8	13.9	12.2	11.2	9.8	8.7		

<sup>\*</sup> Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

<sup>\*\*</sup> Determined as specified under "—Weighted Average Lives of the Certificates" above.

#### Characteristics of the R and RL Classes

The R and RL Classes will not have principal balances and will not bear interest. If any assets of the Trust remain after the principal balances of all Classes are reduced to zero, we will pay the Holder of the R Class the proceeds from those assets. If any assets of the Lower Tier REMIC remain after the principal balances of the Lower Tier Regular Interests are reduced to zero, we will pay the proceeds of those assets to the Holder of the RL Class. Fannie Mae does not expect that any material assets will remain in either case

A Residual Certificate will be subject to certain transfer restrictions. We will not permit transfer of record or beneficial ownership of a Residual Certificate to a "disqualified organization." In addition, we will not permit transfer of record or beneficial ownership of a Residual Certificate to any person that is not a "U.S. Person" or a foreign person subject to United States income taxation on a net basis on income derived from that Certificate. Any transferee of a Residual Certificate must execute and deliver an affidavit and an Internal Revenue Service Form W-9 (or, if applicable, a Form W-8ECI) on which the transferee provides its taxpayer identification number. See "Description of Certificates-Special Characteristics of Residual Certificates" and "Certain Federal Income Tax Consequences— Taxation of Beneficial Owners of Residual Certificates" in the REMIC Prospectus. The affidavit must also state that the transferee is a "U.S. Person" or a foreign person subject to United States income taxation on a net basis on income derived from that Certificate and that, if the transferee is a partnership for U.S. federal income tax purposes, each person or entity that holds an interest (directly, or indirectly through a pass-through entity) in the partnership is a "U.S. Person" or a foreign person subject to United States income taxation on a net basis on income derived from that Certificate. In addition, the transferee must receive an affidavit containing these same representations from any new transferee. Transferors of a Residual Certificate should consult with their own tax advisors for further information regarding such transfers.

Treasury Department regulations (the "Regulations") provide that a transfer of a "noneconomic residual interest" will be disregarded for all federal tax purposes unless no significant purpose of the transfer is to impede the assessment or collection of tax. The R and RL Classes will constitute noneconomic residual interests under the Regulations. Having a significant purpose to impede the assessment or collection of tax means that the transferor of a Residual Certificate knew or should have known that the transferee would be unwilling or unable to pay taxes due on its share of the taxable income of the REMIC trust (that is, the transferor had "improper knowledge").

As discussed under the caption "Special Characteristics of Residual Certificates" in the REMIC Prospectus, the Regulations presume that a transferor does not have improper knowledge if two conditions are met. The Treasury Department has amended the Regulations to provide additional requirements that a transferor must satisfy to avail itself of the safe harbor regarding the presumed lack of improper knowledge. For transfers occurring on or after August 19, 2002, a transferor of a Residual Certificate is presumed not to have improper knowledge if, in addition to meeting the two conditions discussed in the REMIC Prospectus, both (i) the transferee represents that it will not cause income from the Residual Certificate to be attributed to a foreign permanent establishment or fixed base of the transferee or another taxpayer and (ii) the transfer satisfies either the "asset test" or the "formula test." The representation described in (i) will be included in the affidavit discussed above. See "Description of Certificates—Special Characteristics of Residual Certificates" and "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates" in the REMIC Prospectus.

A transfer satisfies the asset test if (i) the transferee's gross assets exceed \$100 million and its net assets exceed \$10 million (in each case, at the time of the transfer and at the close of each of the transferee's two fiscal years preceding the year of transfer), (ii) the transferee is an "eligible corporation" and the transferee agrees in writing that any subsequent transfer of the Residual Certificate will be to an eligible corporation and will comply with the safe harbor and satisfy the asset test, and (iii) the facts and circumstances known to the transferor do not reasonably indicate that the

taxes associated with the Residual Certificate will not be paid. A transfer satisfies the formula test if the present value of the anticipated tax liabilities associated with holding the Residual Certificate is less than or equal to the present value of the sum of (i) any consideration given to the transferee to acquire the Residual Certificate, (ii) expected future distributions on the Residual Certificate, and (iii) anticipated tax savings associated with holding the Residual Certificate as the related REMIC trust generates losses. The Regulations contain additional details regarding their application and you should consult your own tax advisor regarding the application of the Regulations to a transfer of a Residual Certificate.

The Holder of the R Class will be considered to be the holder of the "residual interest" in the REMIC constituted by the Trust, and the Holder of the RL Class will be considered to be the holder of the "residual interest" in the REMIC constituted by the Lower Tier REMIC. See "Certain Federal Income Tax Consequences" in the REMIC Prospectus. Pursuant to the Trust Agreement, we will be obligated to provide to these Holders (i) information necessary to enable them to prepare their federal income tax returns and (ii) any reports regarding the R or RL Class that may be required under the Code.

### CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

The Certificates and payments on the Certificates are not generally exempt from taxation. Therefore, you should consider the tax consequences of holding a Certificate before you acquire one. The following tax discussion supplements the discussion under the caption "Certain Federal Income Tax Consequences" in the REMIC Prospectus. When read together, the two discussions describe the current federal income tax treatment of beneficial owners of Certificates. These two tax discussions do not purport to deal with all federal tax consequences applicable to all categories of beneficial owners, some of which may be subject to special rules. In addition, these discussions may not apply to your particular circumstances for one of the reasons explained in the REMIC Prospectus. You should consult your own tax advisors regarding the federal income tax consequences of holding and disposing of Certificates as well as any tax consequences arising under the laws of any state, local or foreign taxing jurisdiction.

### REMIC Elections and Special Tax Attributes

We will elect to treat the Lower Tier REMIC and the Trust as REMICs for federal income tax purposes. The REMIC Certificates, other than the R and RL Classes, will be designated as the "regular interests," and the R Class will be designated as the "residual interest," in the REMIC constituted by the Trust. The Lower Tier Regular Interests will be designated as the "regular interests" and the RL Class will be designated as the "residual interest" in the Lower Tier REMIC.

Because the Lower Tier REMIC and the Trust will qualify as REMICs, the REMIC Certificates and any related RCR Certificates generally will be treated as "regular or residual interests in a REMIC" for domestic building and loan associations, as "real estate assets" for real estate investment trusts, and, except for the R and RL Classes, as "qualified mortgages" for other REMICs. See "Certain Federal Income Tax Consequences—REMIC Election and Special Tax Attributes" in the REMIC Prospectus.

### Taxation of Beneficial Owners of Regular Certificates

The Notional Classes, the Accrual Classes and the Principal Only Classes will be issued with original issue discount ("OID"), and certain other Classes of REMIC Certificates may be issued with OID. If a Class is issued with OID, a beneficial owner of a Certificate of that Class generally must recognize some taxable income in advance of the receipt of the cash attributable to that income. See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount" in the REMIC Prospectus. In addition, certain Classes of REMIC Certificates may be treated as having been issued at a premium. See "Certain Federal

Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Regular Certificates Purchased at a Premium" in the REMIC Prospectus.

The Prepayment Assumptions that will be used in determining the rate of accrual of OID will be as follows:

Group	Prepayment Assumption
1	370% PSA
2	315% PSA
3	161% PSA

See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount—Daily Portions of Original Issue Discount" in the REMIC Prospectus. No representation is made as to whether the Mortgage Loans underlying the MBS will prepay at any of those rates or any other rate. See "Description of the Certificates—Weighted Average Lives of the Certificates" in this prospectus supplement and "Description of Certificates—Weighted Average Life and Final Distribution Date" in the REMIC Prospectus.

### **Taxation of Beneficial Owners of Residual Certificates**

For purposes of determining the portion of the taxable income of the Trust (or the Lower Tier REMIC) that generally will not be treated as excess inclusions, the rate to be used is 6.02% (which is 120% of the "federal long-term rate"). See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates—Treatment of Excess Inclusions" and "—Foreign Investors—Residual Certificates" in the REMIC Prospectus.

The Treasury Department recently issued proposed regulations providing that, to clearly reflect income, an inducement fee paid to a transferee of a noneconomic residual interest in a REMIC must be included in income over a period that is reasonably related to the period during which the applicable REMIC is expected to generate taxable income or net loss allocable to the transferee. The proposed regulations set forth two safe harbor methods under which a taxpayer's accounting for the inducement fee will be considered to clearly reflect income for these purposes. The proposed regulations also provide that an inducement fee shall be treated as income from sources within the United States. If finalized as proposed, the regulations would be effective for taxable years ending on or after the publication of the final regulations in the Federal Register. The proposed regulations contain additional details regarding their application and you should consult your own tax advisor regarding the application of the proposed regulations.

### **Taxation of Beneficial Owners of RCR Certificates**

General. The RCR Classes will be created, sold and administered pursuant to an arrangement that will be classified as a grantor trust under subpart E, part I of subchapter J of the Code. The REMIC Certificates that are exchanged for RCR Certificates (including any exchanges effective on the Settlement Date) will be the assets of the trust, and the RCR Certificates will represent an ownership interest in those REMIC Certificates. For a general discussion of the federal income tax treatment of beneficial owners of REMIC Certificates, see "Certain Federal Income Tax Consequences" in the REMIC Prospectus.

The RCR Classes (each, a "Combination RCR Class") will represent the beneficial ownership of the underlying REMIC Certificates set forth in Schedule 1. Each Certificate of a Combination RCR Class (a "Combination RCR Certificate") will represent beneficial ownership of undivided interest in two or more underlying REMIC Certificates.

Combination RCR Classes. A beneficial owner of a Combination RCR Certificate will be treated as the beneficial owner of a proportionate interest in the REMIC Certificates underlying that Combination RCR Certificate. Except in the case of a beneficial owner that acquires a Combination RCR Certificate in an exchange described under "—Exchanges" below, a beneficial owner of a

Combination RCR Certificate must allocate its cost to acquire that Certificate among the underlying REMIC Certificates in proportion to their relative fair market values at the time of acquisition. Such an owner should account for its ownership interest in each underlying REMIC Certificate as described under "—Taxation of Beneficial Owners of Regular Certificates" above and "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates" in the REMIC Prospectus. When a beneficial owner sells a Combination RCR Certificate, the owner must allocate the sale proceeds among the underlying REMIC Certificates in proportion to their relative fair market values at the time of sale.

Exchanges. If a beneficial owner exchanges one or more REMIC Certificates for the related RCR Certificate or Certificates in the manner described under "Description of the Certificates—Combination and Recombination" in this prospectus supplement, the exchange will not be taxable. Likewise, if a beneficial owner exchanges one or more RCR Certificates for the related REMIC Certificate or Certificates in the manner described in that discussion, the exchange will not be a taxable exchange. In each of these cases, the beneficial owner will be treated as continuing to own after the exchange the same combination of interests in the related REMIC Certificates (or the same interest in the related REMIC Certificate) that it owned immediately prior to the exchange.

### Tax Return Disclosure Requirements

The Treasury Department recently issued Regulations directed at "tax shelters" that could be read to apply to transactions generally not considered to be tax shelters. These Regulations require that taxpayers that participate in a "reportable transaction" disclose such transaction on their tax returns by attaching IRS Form 8886 and retain information related to the transaction. A transaction may be a "reportable transaction" based upon any of several indicia, one or more of which may be present with respect to the Certificates. You should consult your tax advisor concerning any possible disclosure obligation with respect to your investment in the Certificates.

### PLAN OF DISTRIBUTION

General. We are obligated to deliver the Certificates to Credit Suisse First Boston LLC (the "Dealer") in exchange for the MBS. The Dealer proposes to offer the Certificates directly to the public from time to time in negotiated transactions at varying prices to be determined at the time of sale. The Dealer may effect these transactions to or through other dealers.

Increase in Certificates. Before the Settlement Date, we and the Dealer may agree to offer Group 1, 2 or 3 Classes in addition to those contemplated as of the date of this prospectus supplement. In this event, we will increase the related MBS in principal balance, but we expect that all these additional MBS will have the same characteristics as described under "Description of the Certificates—The MBS" in this prospectus supplement. The proportion that the original principal balance of each Group 1, 2 or 3 Class bears to the aggregate original principal balance of all Group 1, 2 or 3 Classes, respectively, will remain the same. In addition, the dollar amounts shown in the Principal Balance Schedules will be increased to correspond to the increase of the principal balances of the applicable Classes.

#### LEGAL MATTERS

Sidley Austin Brown & Wood LLP will provide legal representation for Fannie Mae. McKee Nelson LLP will provide legal representation for the Dealer.

Available Recombinations (1)

	CUSIP Bistribution Number Date	31393UWE9 December 2033	31393UWF6 January 2034	31393UWG4 January 2034	31393UWH2 January 2034	31393UWJ8 January 2034	31393UWK5 January 2034	31393UWL3 January 2034
RCR Certificates	$\begin{array}{c} \text{Principal} \\ \hline \text{Type(2)} \\ \end{array} \text{Nu}.$	PAC/AD 31393	SEG(PAC)/PAC/AD 31393	SEG(PAC)/PAC/AD 31393	SEG(PAC)/SUP/AD 31393	SEG(PAC)/PAC/SUP/AD 31393	PAC/AD 31393	SEG(PAC)/PAC/SUP/AD 31393
RCR Cer		(4) INV	(4) INV SEG	(4) INV SEG	(4) INV SEG	(4) INV SEG(P	(4) INV	(4) INV SEG(P
	Original Inte	HS \$43,190,006	SX 16,666,667	SL 16,666,667 (	SJ 4,104,589 (	SM 9,581,494 (	YS 5,476,905 (	JS 9,581,494 (.
REMIC Certificates	Original Principal or Notional Principal Principal Ralances	Recombination 1 BS \$86,380,011(3) I CS 43,190,006	<b>Recombination 2</b> AO 16,666,667 S SW 25,000,000 (3)	<b>Recombination 3</b> AO 16,666,667 SSW 50,000,000 (3)	Recombination 4 SU 16,418,356(3) LO 4,104,589	Recombination 5 NS 10,953,810(3)(5) S KO 5,476,905(5) SU 8,209,178(3)(5) LO 4,104,589(5)	<b>Recombination 6</b> NS 21,907,620(3) KO 5,476,905	Recombination 7  NS 21,907,620(3)(5)  KO 5,476,905(5)  SU 16,418,356(3)(5)

REMIC Certificates and RCR Certificates in any recombination may be exchanged only in the proportions shown in this Schedule 1, except as described in footnote (5) with respect to Recombinations 5 and 7.
 See "Description of Certificates—Class Definitions and Abbreviations" in the REMIC Prospectus and "Description of the Certificates—Distributions of Principal" in this prospectus supplement.
 Notional principal balance.
 For a description of these interest rates, see "Description of the Certificates—Distributions of Interest" in this prospectus supplement.
 For a description of these interest rates, see "Description of the REMIC Certificates to be delivered (or if applicable, received) in such exchange will equal the proportions reflected by the outstanding principal balances of the related REMIC Classes at the time of exchange.

## **Principal Balance Schedules**

## Aggregate Group I Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$217,950,029.00	March 2008	\$ 96,829,978.45	June 2012	\$ 28,159,776.03
January 2004	217,240,110.06	April 2008	94,668,754.02	July 2012	27,472,797.71
February 2004	216,409,597.85	May 2008	92,542,698.33	August 2012	26,802,222.76
March 2004	215,458,991.45	June 2008	90,451,249.18	September 2012	26,147,665.21
April 2004	214,388,965.87	July 2008	88,393,853.28	October 2012	25,508,748.11
May 2004	213,200,372.16	August 2008	86,369,966.08	November 2012	24,885,103.25
June 2004	211,894,237.00	September 2008	84,379,051.64	December 2012	24,276,371.03
July 2004	210,471,762.01	October 2008	82,420,582.50	January 2013	23,682,200.20
August 2004	208,934,322.51	November 2008	80,494,039.54	February 2013	23,102,247.71
September 2004	207,283,465.90	December 2008	78,598,911.85	March 2013	22,536,178.51
October 2004	205,520,909.60	January 2009	76,734,696.62	April 2013	21,983,665.35
November 2004	203,648,538.59	February 2009	74,900,898.99	May 2013	21,444,388.62
December 2004	201,668,402.50	March 2009	73,106,253.56	June 2013	20,918,036.15
January 2005	199,582,712.24	April 2009	71,353,936.45	July 2013	20,404,303.08
February 2005	197,393,836.31	May 2009	69,642,960.27	August 2013	19,902,891.62
March 2005	195,104,296.58	June 2009	67,972,360.51	September 2013	19,413,510.96
April 2005	192,716,763.78	July 2009	66,341,194.96	October 2013	18,935,877.06
May 2005	190,234,052.55	August 2009	64,748,543.25	November 2013	18,469,712.53
June 2005	187,659,116.05	September 2009	63,193,506.28	December 2013	18,014,746.44
July 2005	184,995,040.33	October 2009	61,675,205.79	January 2014	, ,
•	182,245,038.26	November 2009	60,192,783.87	February 2014	17,570,714.18
August 2005	, ,	December 2009	, , ,	March 2014	17,137,357.35
October 2005	179,412,443.12		58,745,402.46		16,714,423.56
	176,500,701.90	January 2010	57,332,242.92	April 2014	16,301,666.31
November 2005	173,513,368.31	February 2010	55,952,505.58	May 2014	15,898,844.90
	170,454,095.45	March 2010	54,605,409.30	June 2014	15,505,724.21
January 2006	167,326,628.28	April 2010	53,290,191.02	July 2014	15,122,074.66
February 2006	164,134,795.81	May 2010	52,006,105.41	August 2014	14,747,672.00
March 2006	160,882,503.06	June 2010	50,752,424.38	September 2014	14,382,297.24
April 2006	157,682,779.98	July 2010	49,528,436.73	October 2014	14,025,736.54
May 2006	154,534,789.63	August 2010	48,333,447.76	November 2014	13,677,781.01
June 2006	151,437,708.31	September 2010	47,166,778.87	December 2014	13,338,226.70
July 2006	148,390,725.27	October 2010	46,027,767.22	January 2015	13,006,874.40
August 2006	145,393,042.58	November 2010	44,915,765.33	February 2015	12,683,529.58
September 2006	142,443,874.88	December 2010	43,830,140.74	March 2015	12,368,002.26
October 2006	139,542,449.21	January 2011	42,770,275.67	April 2015	12,060,106.92
November 2006	136,688,004.80	February 2011	41,735,566.70	May 2015	11,759,662.37
December 2006	133,879,792.88	March 2011	40,725,424.38	June 2015	11,466,491.67
January 2007	131,117,076.51	April 2011	39,739,272.97	July 2015	11,180,422.05
February 2007	128,399,130.38	May 2011	38,776,550.10	August 2015	10,901,284.76
March 2007	125,725,240.62	June 2011	37,836,706.44	September 2015	10,628,915.03
April 2007	123,094,704.64	July 2011	36,919,205.45	October 2015	10,363,151.93
May 2007	120,506,830.92	August 2011	36,023,523.03	November 2015	10,103,838.33
June 2007	117,960,938.88	September 2011	35,149,147.27	December 2015	9,850,820.77
July 2007	115,456,358.69	October 2011	34,295,578.14	January 2016	9,603,949.41
August 2007	112,992,431.09	November 2011	33,462,327.25	February 2016	9,363,077.90
September 2007	110,568,507.22	December 2011	32,648,917.57	March 2016	9,128,063.36
October 2007	108,183,948.50	January 2012	31,854,883.13	April 2016	8,898,766.25
November 2007	105,838,126.41	February 2012	31,079,768.83	May 2016	8,675,050.29
December 2007	103,530,422.36	March 2012	30,323,130.13	June 2016	8,456,782.43
January 2008	101,260,227.57	April 2012	29,584,532.84	July 2016	8,243,832.74
February 2008	99,026,942.84	May 2012	28,863,552.88	August 2016	8,036,074.33

## $Aggregate\ Group\ I\ (Continued)$

September 2016	Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
November 2016	September 2016	\$ 7,833,383.32	February 2021	\$ 1,946,601.38	July 2025	\$ 426,948.23
December 2016	October 2016	7,635,638.72	March 2021	1,894,414.23	August 2025	414,056.10
January 2017	November 2016	7,442,722.40	April 2021	1,843,548.58	September 2025	401,511.54
Echemy 2017	December 2016	7,254,519.00	May 2021	1,793,972.11	October 2025	389,305.73
March 2017	January 2017	7,070,915.89	June 2021	1,745,653.26	November 2025	377,430.05
April 2017	February 2017	6,891,803.08	July 2021	1,698,561.22	December 2025	365,876.10
May 2017	March 2017	6,717,073.17	August 2021	1,652,665.93	January 2026	354,635.68
June 2017	April 2017	6,546,621.29	September 2021	1,607,938.05	February 2026	343,700.81
July 2017         6,059,921,93         December 2021         1,480,478,85         May 2026         312,652,39           August 2017         5,905,582,09         January 2022         1,440,137,97         June 2026         293,343,20           September 2017         5,608,180,43         March 2022         1,362,592,55         August 2026         293,343,20           November 2017         5,669,180,43         March 2022         1,382,502,508,89         September 2026         275,680,33           December 2017         5,265,220,95         May 2022         1,288,844,85         October 2026         265,24,57           January 2018         5,188,941,69         July 2022         1,288,844,85         October 2026         249,532,48           March 2018         4,926,371,10         August 2022         1,188,928,55         December 2026         249,532,48           March 2018         4,676,880,61         October 2022         1,152,491,62         February 2027         224,685,85           June 2018         4,676,880,61         October 2022         1,152,491,62         February 2027         223,658,87           June 2018         4,566,30,70         November 2022         1,089,467,87         April 2027         218,656,90           June 2018         4,324,575,11         January 2024	May 2017	6,380,345.06	October 2021	1,564,348.94	March 2026	333,063.67
August 2017.         5,905,582.09         January 2022         1,440,137.97         June 2026         302,685.39           September 2017.         5,755,031.88         February 2022         1,406,380.09         July 2026         293,343.20           October 2017.         5,608,180.43         March 2022         1,325,208.89         September 2026         224,084.35           November 2017.         5,464,939.00         April 2022         1,285,444.85         October 2026         226,381.75           January 2018.         5,188,941.69         June 2022         1,253,412.84         November 2026         227,510.70           February 2018.         5,056,018.62         July 2022         1,218,892.85         December 2026         224,532.48           March 2018.         4,926,371.10         August 2022         1,152,491.62         February 2027         233,658.87           April 2018.         4,769,990.39         September 2022         1,152,491.62         February 2027         233,658.87           July 2018.         4,656,303.70         November 2022         1,089,467.87         April 2027         218,656.90           July 2018.         4,438,989.38         December 2022         1,089,467.87         April 2027         214,656.90           July 2018.         4,245,556.11         Ja	June 2017	6,218,144.48	November 2021	1,521,870.63	April 2026	322,716.68
September 2017.         5,755,081.88         February 2022.         1,400,830.99         July 2026.         293,434.20           October 2017.         5,608,180.43         March 2022.         1,362,529.55         August 2026.         284,084.35           November 2017.         5,464,939.00         April 2022.         1,285,208.89         September 2026.         275,080.33           December 2017.         5,325,220.95         May 2022.         1,288,844.85         October 2026.         266,324.57           January 2018.         5,056,018.62         July 2022.         1,218,892.85         December 2026.         248,532.48           March 2018.         4,926,371.10         August 2022.         1,185,259.41         January 2027.         241,483.85           April 2018.         4,676,689.61         October 2022.         1,120,568.06         March 2027.         223,658.87           May 2018.         4,676,689.61         October 2022.         1,094,678.77         March 2027.         211,468.78           August 2018.         4,383,99.38         December 2022.         1,093,170.67         May 2027.         211,468.78           August 2018.         4,321,591.11         January 2023.         1,029,666.88         June 2017.         291,468.78           September 2018.         4,212,991.01	July 2017	6,059,921.93	December 2021	1,480,475.85	May 2026	312,652.39
October 2017         5,608,180.43         March 2022         1,382,529.55         August 2026         284,084,35           November 2017         5,464,939.00         April 2022         1,285,848.48.55         October 2026         265,624.57           January 2018         5,188,941.69         Jue 2022         1,288,844.85         October 2026         265,824.57           February 2018         5,056,018.62         July 2022         1,218,892.55         December 2026         249,532.48           March 2018         4,926,371.10         August 2022         1,185,259.41         January 2027         241,488.85           April 2018         4,799,920.39         September 2022         1,152,491.62         February 2027         233,658.87           April 2018         4,676,589.61         October 2022         1,152,491.62         February 2027         236,568.87           July 2018         4,456,303.70         November 2022         1,089,170.67         April 2027         218,656.90           July 2018         4,438,989.38         December 2022         1,059,170.67         April 2027         218,656.90           July 2018         4,324,575.11         January 2023         1,029,656.58         June 2027         214,656.76           September 2018         4,104,168.89         March 2023 <td>August 2017</td> <td>5,905,582.09</td> <td>January 2022</td> <td>1,440,137.97</td> <td>June 2026</td> <td>302,863.59</td>	August 2017	5,905,582.09	January 2022	1,440,137.97	June 2026	302,863.59
November 2017	September 2017	5,755,031.88	February 2022	1,400,830.99	July 2026	293,343.20
December 2017	October 2017	5,608,180.43	March 2022	1,362,529.55	August 2026	284,084.35
Sanuary 2018	November 2017	5,464,939.00	April 2022	1,325,208.89	September 2026	275,080.33
Pebruary 2018	December 2017	5,325,220.95	May 2022	1,288,844.85	October 2026	266,324.57
March 2018         4,926,371.10         August 2022         1,185,259.41         January 2027         241,483.85           April 2018         4,799,920.39         September 2022         1,152,491.62         February 2027         233,658.87           May 2018         4,676,589.61         October 2022         1,120,568.06         March 2027         226,051.76           June 2018         4,556,303.70         November 2022         1,089,467.87         April 2027         218,656.90           July 2018         4,348,898.38         December 2022         1,059,170.67         May 2027         204,482.04           August 2018         4,324,575.11         January 2023         1,009,966.19         July 2027         197,691.47           Keptember 2018         4,212,991.01         February 2023         1,000,966.19         July 2027         197,691.47           October 2018         4,104,168.89         March 2023         972,900.56         August 2027         194,617.63           November 2018         3,894,545.82         May 2023         919,050.12         October 2027         178,463.37           January 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,595,617.18         September 2028 <td< td=""><td>January 2018</td><td>5,188,941.69</td><td>June 2022</td><td>1,253,413.84</td><td>November 2026</td><td>257,810.70</td></td<>	January 2018	5,188,941.69	June 2022	1,253,413.84	November 2026	257,810.70
April 2018.         4,799,920.39         September 2022         1,152,491.62         February 2027         233,658.87           May 2018.         4,676,589.61         October 2022         1,120,568.06         March 2027         218,656.90           June 2018.         4,556,303.70         November 2022         1,059,170.67         May 2027         211,468.78           August 2018.         4,343,575.11         January 2023         1,009,656.58         June 2027         294,482.04           September 2018.         4,212,991.01         February 2023         1,009,061.9         July 2027         191,091.96           November 2018.         4,212,991.01         February 2023         1,009,061.9         July 2027         191,091.96           November 2018.         3,998,042.17         April 2023         972,900.56         August 2027         191,091.96           November 2018.         3,998,455.82         May 2023         9945,621.21         September 2027         178,465.57           June 2019.         3,793,616.38         July 2023         867,962.73         December 2027         166,506.99           March 2019.         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           April 2019.         3,599,211.84         August 2023	February 2018	5,056,018.62	July 2022	1,218,892.85	December 2026	249,532.48
May 2018         4,676,589.61         October 2022         1,120,568.06         March 2027         226,051.76           June 2018         4,556,303.70         November 2022         1,089,467.87         April 2027         218,656.90           July 2018         4,438,989.88         December 2022         1,059,176.67         May 2027         211,468.56           August 2018         4,212,991.01         February 2023         1,000,966.19         July 2027         197,691.47           October 2018         4,1041,68.89         March 2023         972,900.56         August 2027         191,091.96           November 2018         3,998,042.17         April 2023         972,900.56         August 2027         191,091.96           November 2018         3,998,042.17         April 2023         975,900.56         August 2027         191,091.96           November 2018         3,894,546.82         May 2023         919,050.12         October 2027         178,446.37           December 2019         3,695,191.89         July 2023         867,962.73         December 2027         176,390.79           February 2019         3,595,191.89         July 2023         843,12.50         January 2028         166,790.67           April 2019         3,505,617.18         September 2023         819,502.	March 2018	4,926,371.10	August 2022	1,185,259.41	January 2027	241,483.85
June 2018         4,556,303.70         November 2022         1,089,467.87         April 2027         218,656,90           July 2018         4,438,989.38         December 2022         1,059,170.67         May 2027         211,468.78           August 2018         4,224,575.11         January 2023         1,029,656.58         June 2027         204,482.04           September 2018         4,212,991.01         February 2023         1,000,906.19         July 2027         197,691.47           October 2018         4,104,168.89         March 2023         972,900.56         August 2027         191,091.96           November 2018         3,998,421.7         April 2023         991,050.12         October 2027         184,678.57           December 2018         3,894,545.82         May 2023         893,169.68         November 2027         172,390.72           February 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.90           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,595,51.43         August 2023         813,502.64         February 2028         155,237.40           May 2019         3,244,350.4         Cotober 2023         796,217.		4,799,920.39		1,152,491.62	February 2027	233,658.87
June 2018         4,556,303.70         November 2022         1,089,467.87         April 2027         218,656,90           July 2018         4,438,989.38         December 2022         1,059,170.67         May 2027         211,468.78           August 2018         4,224,575.11         January 2023         1,029,656.58         June 2027         204,482.04           September 2018         4,212,991.01         February 2023         1,000,906.19         July 2027         197,691.47           October 2018         4,104,168.89         March 2023         972,900.56         August 2027         191,091.96           November 2018         3,998,421.7         April 2023         991,050.12         October 2027         184,678.57           December 2018         3,894,545.82         May 2023         893,169.68         November 2027         172,390.72           February 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.90           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,595,51.43         August 2023         813,502.64         February 2028         155,237.40           May 2019         3,244,350.4         Cotober 2023         796,217.	May 2018	4,676,589.61	October 2022	1,120,568.06	March 2027	226,051.76
August 2018         4,324,575.11         January 2023         1,029,656.58         June 2027         204,482.04           September 2018         4,212,991.01         February 2023         1,000,906.19         July 2027         191,691.47           October 2018         4,104,168.89         March 2023         972,900.66         August 2027         191,091.96           November 2018         3,998,042.17         April 2023         945,621.21         September 2027         184,678.54           December 2018         3,894,545.82         May 2023         919,050.12         October 2027         178,446.37           January 2019         3,793,616.38         June 2023         893,169.68         November 2027         166,506.99           March 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         819,502.64         February 2028         160,790.67           April 2019         3,515,617.18         September 2023         796,217.20         March 2028         144,602.99           July 2019         3,325,364.73         November 2023         773,640.61         April 2028         144,602.99           July 2019         3,253,547.73         November 2023         773,		4,556,303.70	November 2022	1,089,467.87		218,656.90
August 2018         4,324,575.11         January 2023         1,029,656.58         June 2027         204,482.04           September 2018         4,212,991.01         February 2023         1,000,906.19         July 2027         191,691.47           October 2018         4,104,168.89         March 2023         972,900.66         August 2027         191,091.96           November 2018         3,998,042.17         April 2023         945,621.21         September 2027         184,678.54           December 2018         3,894,545.82         May 2023         919,050.12         October 2027         178,446.37           January 2019         3,793,616.38         June 2023         893,169.68         November 2027         166,506.99           March 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         819,502.64         February 2028         160,790.67           April 2019         3,515,617.18         September 2023         796,217.20         March 2028         144,602.99           July 2019         3,325,364.73         November 2023         773,640.61         April 2028         144,602.99           July 2019         3,253,547.73         November 2023         773,	July 2018	4,438,989.38	December 2022	1,059,170.67	May 2027	211,468.78
September 2018         4,212,991.01         February 2023         1,000,906.19         July 2027         197,691.47           October 2018         4,104,168.89         March 2023         972,900.56         August 2027         191,091.96           November 2018         3,998,042.17         April 2023         919,050.12         October 2027         178,446.37           January 2019         3,793,616.38         June 2023         883,169.68         November 2027         172,390.72           February 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         881,412.50         January 2028         166,506.99           March 2019         3,505,617.18         September 2023         796,217.20         March 2028         145,237.40           May 2019         3,325,554.73         November 2023         776,217.20         March 2028         149,842.89           July 2019         3,238,575.69         December 2023         751,457.68         May 2028         134,570.85           September 2019         3,071,453.69         February 2024         729,953.58         June 2028         134,570.85           September 2019         2,912,570.14         April 2024         688,		4,324,575.11	January 2023	1,029,656.58		
October 2018         4,104,168.89         March 2023         972,900.56         August 2027         191,091.96           November 2018         3,989,042.17         April 2023         945,621.21         September 2027         184,678.54           December 2018         3,894,545.82         May 2023         919,050.12         October 2027         178,446.37           January 2019         3,793,616.38         June 2023         883,169.68         November 2027         166,506.99           March 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,509,617.18         September 2023         819,506.46         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         796,217.20         March 2028         149,842.89           Jule 2019         3,325,354.73         November 2023         773,540.61         April 2028         144,602.99           July 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         799,013.8		4,212,991.01	February 2023	1,000,906.19	July 2027	197,691.47
November 2018         3,998,042.17         April 2023         945,621.21         September 2027         184,678.54           December 2018         3,894,545.82         May 2023         919,050.12         October 2027         178,446.37           January 2019         3,793,616.38         June 2023         887,692.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,505,617.18         September 2023         819,502.64         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         796,217.20         March 2028         149,842.89           June 2019         3,328,575.69         December 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109,71           November 2019         2,215,750.14         April 2024         668,711.3				972,900.56		
December 2018         3,894,545.82         May 2023         919,050.12         October 2027         178,446.37           January 2019         3,793,616.38         June 2023         893,169.68         November 2027         166,506.99           February 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,505,617.18         September 2023         819,502.64         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         796,217.20         March 2028         149,842.89           July 2019         3,325,554.73         November 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,709.71           November 2019         2,912,570.14         April 2024         688,624.36<	November 2018	3,998,042.17	April 2023	945,621.21		184,678.54
January 2019         3,793,616.38         June 2023         893,169.68         November 2027         172,390.72           February 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,505,617.18         September 2023         819,502.64         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         773,540.61         April 2028         144,602.99           July 2019         3,238,575.69         December 2023         751,457.68         May 2028         133,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,713.37         September 2028         126,589.91           December 2019         2,836,093.73         May 2024         669,414.1	December 2018	3,894,545.82		919,050.12		178,446.37
February 2019         3,695,191.89         July 2023         867,962.73         December 2027         166,506.99           March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,505,617.18         September 2023         819,502.64         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         796,217.20         March 2028         144,602.99           June 2019         3,325,354.73         November 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         125,109.71           November 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40	January 2019	3,793,616.38		893,169.68	November 2027	172,390.72
March 2019         3,599,211.84         August 2023         843,412.50         January 2028         160,790.67           April 2019         3,505,617.18         September 2023         819,502.64         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         796,217.20         March 2028         149,842.89           June 2019         3,325,354.73         November 2023         773,540.61         April 2028         139,513.63           August 2019         3,238,575.69         December 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,836,6093.73         May 2024         668,771.37         September 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52	February 2019	3,695,191.89	July 2023	867,962.73	December 2027	166,506.99
April 2019         3,505,617.18         September 2023         819,502.64         February 2028         155,237.40           May 2019         3,414,350.24         October 2023         796,217.20         March 2028         149,842.89           June 2019         3,325,354.73         November 2023         773,540.61         April 2028         144,602.99           July 2019         3,238,575.69         December 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         129,708.80           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         117,782.94           March 2020         2,688,833.72         July 2024         612,298.52 <td></td> <td></td> <td>August 2023</td> <td>843,412.50</td> <td>January 2028</td> <td></td>			August 2023	843,412.50	January 2028	
May 2019         3,414,350.24         October 2023         796,217.20         March 2028         149,842.89           June 2019         3,325,354.73         November 2023         773,540.61         April 2028         144,602.99           July 2019         3,238,575.69         December 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31 <td></td> <td>3,505,617.18</td> <td></td> <td>819,502.64</td> <td>February 2028</td> <td>155,237.40</td>		3,505,617.18		819,502.64	February 2028	155,237.40
June 2019         3,325,354.73         November 2023         773,540.61         April 2028         144,602.99           July 2019         3,238,575.69         December 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         99,862.19           May 2020         2,548,860.04         September 2024         577,094.59<	May 2019	3,414,350.24	October 2023	796,217.20		149,842.89
July 2019         3,238,575.69         December 2023         751,457.68         May 2028         139,513.63           August 2019         3,153,959.47         January 2024         729,953.58         June 2028         134,570.85           September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,860.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.				773,540.61	April 2028	
September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,860.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.	July 2019	3,238,575.69	December 2023	751,457.68		139,513.63
September 2019         3,071,453.69         February 2024         709,013.84         July 2028         129,770.80           October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,860.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.	August 2019	3,153,959.47	January 2024	729,953.58	June 2028	134,570.85
October 2019         2,991,007.22         March 2024         688,624.36         August 2028         125,109.71           November 2019         2,912,570.14         April 2024         668,771.37         September 2028         120,583.91           December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,860.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23 <td>-</td> <td></td> <td>February 2024</td> <td>709,013.84</td> <td>July 2028</td> <td></td>	-		February 2024	709,013.84	July 2028	
December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,660.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23         June 2029         85,378.32           September 2020         2,228,547.78         February 2025         496,947.41         July 2029         82,022.84           October 2020         2,169,239.75         March 2025         482,176.99	=			688,624.36	August 2028	
December 2019         2,836,093.73         May 2024         649,441.41         October 2028         116,189.82           January 2020         2,761,530.40         June 2024         630,621.40         November 2028         111,923.97           February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,660.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23         June 2029         85,378.32           September 2020         2,228,547.78         February 2025         496,947.41         July 2029         82,022.84           October 2020         2,169,239.75         March 2025         482,176.99	November 2019	2,912,570.14	April 2024	668,771.37	September 2028	120,583.91
January 20202,761,530.40June 2024630,621.40November 2028111,923.97February 20202,688,833.72July 2024612,298.52December 2028107,782.94March 20202,617,958.36August 2024594,460.31January 2029103,763.42April 20202,548,860.04September 2024577,094.59February 202999,862.19May 20202,481,495.59October 2024560,189.47March 202996,076.10June 20202,415,822.81November 2024543,733.36April 202992,402.07July 20202,351,800.55December 2024527,714.96May 202988,837.12August 20202,289,388.62January 2025512,123.23June 202985,378.32September 20202,228,547.78February 2025496,947.41July 202982,022.84October 20202,169,239.75March 2025482,176.99August 202978,767.91November 20202,111,427.15April 2025467,801.74September 202975,610.81December 20202,055,073.49May 2025453,811.66October 202972,548.93	December 2019		=		=	116,189.82
February 2020         2,688,833.72         July 2024         612,298.52         December 2028         107,782.94           March 2020         2,617,958.36         August 2024         594,460.31         January 2029         103,763.42           April 2020         2,548,860.04         September 2024         577,094.59         February 2029         99,862.19           May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23         June 2029         85,378.32           September 2020         2,228,547.78         February 2025         496,947.41         July 2029         82,022.84           October 2020         2,169,239.75         March 2025         482,176.99         August 2029         78,767.91           November 2020         2,111,427.15         April 2025         467,801.74         September 2029         75,610.81           December 2020         2,055,073.49         May 2025         453,811.66		2,761,530.40		630,621.40		111,923.97
March 20202,617,958.36August 2024594,460.31January 2029103,763.42April 20202,548,860.04September 2024577,094.59February 202999,862.19May 20202,481,495.59October 2024560,189.47March 202996,076.10June 20202,415,822.81November 2024543,733.36April 202992,402.07July 20202,351,800.55December 2024527,714.96May 202988,837.12August 20202,289,388.62January 2025512,123.23June 202985,378.32September 20202,228,547.78February 2025496,947.41July 202982,022.84October 20202,169,239.75March 2025482,176.99August 202978,767.91November 20202,111,427.15April 2025467,801.74September 202975,610.81December 20202,055,073.49May 2025453,811.66October 202972,548.93	February 2020	2,688,833.72		612,298.52	December 2028	107,782.94
April 20202,548,860.04September 2024577,094.59February 202999,862.19May 20202,481,495.59October 2024560,189.47March 202996,076.10June 20202,415,822.81November 2024543,733.36April 202992,402.07July 20202,351,800.55December 2024527,714.96May 202988,837.12August 20202,289,388.62January 2025512,123.23June 202985,378.32September 20202,228,547.78February 2025496,947.41July 202982,022.84October 20202,169,239.75March 2025482,176.99August 202978,767.91November 20202,111,427.15April 2025467,801.74September 202975,610.81December 20202,055,073.49May 2025453,811.66October 202972,548.93	March 2020	2,617,958.36	August 2024	594,460.31	January 2029	
May 2020         2,481,495.59         October 2024         560,189.47         March 2029         96,076.10           June 2020         2,415,822.81         November 2024         543,733.36         April 2029         92,402.07           July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23         June 2029         85,378.32           September 2020         2,228,547.78         February 2025         496,947.41         July 2029         82,022.84           October 2020         2,169,239.75         March 2025         482,176.99         August 2029         78,767.91           November 2020         2,111,427.15         April 2025         467,801.74         September 2029         75,610.81           December 2020         2,055,073.49         May 2025         453,811.66         October 2029         72,548.93	April 2020	2,548,860.04		577,094.59		99,862.19
July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23         June 2029         85,378.32           September 2020         2,228,547.78         February 2025         496,947.41         July 2029         82,022.84           October 2020         2,169,239.75         March 2025         482,176.99         August 2029         78,767.91           November 2020         2,111,427.15         April 2025         467,801.74         September 2029         75,610.81           December 2020         2,055,073.49         May 2025         453,811.66         October 2029         72,548.93	May 2020	2,481,495.59		560,189.47		96,076.10
July 2020         2,351,800.55         December 2024         527,714.96         May 2029         88,837.12           August 2020         2,289,388.62         January 2025         512,123.23         June 2029         85,378.32           September 2020         2,228,547.78         February 2025         496,947.41         July 2029         82,022.84           October 2020         2,169,239.75         March 2025         482,176.99         August 2029         78,767.91           November 2020         2,111,427.15         April 2025         467,801.74         September 2029         75,610.81           December 2020         2,055,073.49         May 2025         453,811.66         October 2029         72,548.93	June 2020	2,415,822.81	November 2024	543,733.36	April 2029	92,402.07
August 2020       2,289,388.62       January 2025       512,123.23       June 2029       85,378.32         September 2020       2,228,547.78       February 2025       496,947.41       July 2029       82,022.84         October 2020       2,169,239.75       March 2025       482,176.99       August 2029       78,767.91         November 2020       2,111,427.15       April 2025       467,801.74       September 2029       75,610.81         December 2020       2,055,073.49       May 2025       453,811.66       October 2029       72,548.93						
September 2020.         2,228,547.78         February 2025.         496,947.41         July 2029.         82,022.84           October 2020.         2,169,239.75         March 2025.         482,176.99         August 2029.         78,767.91           November 2020.         2,111,427.15         April 2025.         467,801.74         September 2029.         75,610.81           December 2020.         2,055,073.49         May 2025.         453,811.66         October 2029.         72,548.93			January 2025			
October 2020         2,169,239.75         March 2025         482,176.99         August 2029         78,767.91           November 2020         2,111,427.15         April 2025         467,801.74         September 2029         75,610.81           December 2020         2,055,073.49         May 2025         453,811.66         October 2029         72,548.93			·			
November 2020         2,111,427.15         April 2025         467,801.74         September 2029         75,610.81           December 2020         2,055,073.49         May 2025         453,811.66         October 2029         72,548.93					•	
December 2020 2,055,073.49 May 2025	November 2020		April 2025			
			<del>-</del>			
	January 2021	2,000,143.15		440,196.99	November 2029	

## Aggregate Group I (Continued)

Distribution Date	Planned Balance		Distribution Date	Planned Balance	Distribution Date	Planned Balance
December 2029	\$	66,700.60	April 2031	\$ 31,083.97	August 2032	\$ 10,082.12
January 2030		63,909.22	May 2031	29,410.78	September 2032	9,120.38
February 2030		61,203.18	June 2031	27,792.22	October 2032	8,193.09
March 2030		58,580.15	July 2031	26,226.77	November 2032	7,299.25
April 2030		56,037.89	August 2031	24,712.94	December 2032	6,437.90
May 2030		53,574.19	September 2031	23,249.28	January 2033	5,608.07
June 2030		51,186.92	October 2031	21,834.38	February 2033	4,808.86
July 2030		48,874.00	November 2031	20,466.87	· ·	ŕ
August 2030		46,633.37	December 2031	19,145.42	March 2033	4,039.35
September 2030		44,463.07	January 2032	17,868.71	April 2033	3,298.69
October 2030		42,361.16	February 2032	16,635.47	May 2033	2,586.02
November 2030		40,325.77	March 2032	15,444.48	June 2033	1,900.51
December 2030		38,355.06	April 2032	14,294.53	July 2033	1,241.36
January 2031		36,447.24	May 2032	13,184.45	August 2033	607.78
February 2031		34,600.57	June 2032	12,113.09	September 2033 and	
March 2031		32,813.37	July 2032	11,079.34	thereafter	0.00

## Aggregate Group II Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$177,046,348.00	August 2006	\$118,061,142.22	April 2009	\$ 57,912,989.55
January 2004	176,467,558.51	September 2006	115,664,909.71	May 2009	56,523,585.66
February 2004	175,790,826.62	October 2006	113,307,491.89	June 2009	55,166,985.31
March 2004	175,016,560.89	November 2006	110,988,269.94	July 2009	53,842,422.68
April 2004	174,145,312.77	December 2006	108,706,634.80	August 2009	52,549,149.70
May 2004	173,177,776.69	January 2007	106,461,987.05	September 2009	51,286,435.62
June 2004	172,114,789.71	February 2007	104,253,736.69	October 2009	50,053,566.61
July 2004	170,957,330.97	March 2007	102,081,303.08	November 2009	48,849,845.39
August 2004	169,706,520.63	April 2007	99,944,114.73	December 2009	47,674,590.82
September 2004	168,363,618.58	May 2007	97,841,609.16	January 2010	46,527,137.55
October 2004	166,930,022.79	June 2007	95,773,232.82	February 2010	45,406,835.66
November 2004	165,407,267.23	July 2007	93,738,440.86	March 2010	44,313,050.29
December 2004	163,797,019.55	August 2007	91,736,697.07	April 2010	43,245,161.29
January 2005	162,101,078.34	September 2007	89,767,473.69	May 2010	42,202,562.90
February 2005	160,321,370.06	October 2007	87,830,251.30	June 2010	41,184,663.41
March 2005	158,459,945.73	November 2007	85,924,518.72	July 2010	40,190,884.81
April 2005	156,518,977.11	December 2007	84,049,772.81	August 2010	39,220,662.53
May 2005	154,500,752.78	January 2008	82,205,518.41	September 2010	38,273,445.09
June 2005	152,407,673.73	February 2008	80,391,268.18	October 2010	37,348,693.79
July 2005	150,242,248.76	March 2008	78,606,542.48	November 2010	36,445,882.45
August 2005	148,007,089.56	April 2008	76,850,869.27	December 2010	35,564,497.09
September 2005	145,704,905.49	May 2008	75,123,783.95	January 2011	34,704,035.68
October 2005	143,338,498.15	June 2008	73,424,829.29	February 2011	33,864,007.83
November 2005	140,910,755.67	July 2008	71,753,555.28	March 2011	33,043,934.55
December 2005	138,424,646.78	August 2008	70,109,519.05	April 2011	32,243,347.96
January 2006	135,883,214.68	September 2008	68,492,284.71	May 2011	31,461,791.06
February 2006	133,289,570.69	October 2008	66,901,423.27	June 2011	30,698,817.47
March 2006	130,646,887.70	November 2008	65,336,512.56	July 2011	29,953,991.18
April 2006	128,046,946.40	December 2008	63,797,137.05	August 2011	29,226,886.30
May 2006	125,489,065.99	January 2009	62,282,887.81	September 2011	28,517,086.86
June 2006	122,972,576.41	February 2009	60,793,362.39	October 2011	27,824,186.55
July 2006	120,496,818.18	March 2009	59,335,980.95	November 2011	27,147,788.52

## Aggregate Group II (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
December 2011	\$ 26,487,505.12	May 2016	\$ 7,032,347.08	October 2020	\$ 1,756,887.35
January 2012	25,842,957.75	June 2016	6,855,300.74	November 2020	1,710,033.38
February 2012	25,213,776.60	July 2016	6,682,570.77	December 2020	1,664,362.61
March 2012	24,599,600.47	August 2016	6,514,054.15	January 2021	1,619,846.14
April 2012	24,000,076.55	September 2016	6,349,650.26	February 2021	1,576,455.74
May 2012	23,414,860.28	October 2016	6,189,260.86	March 2021	1,534,163.89
June 2012	22,843,615.08	November 2016	6,032,790.02	April 2021	1,492,943.71
July 2012	22,286,012.24	December 2016	5,880,144.06	May 2021	1,452,768.96
August 2012	21,741,730.67	January 2017	5,731,231.52	June 2021	1,413,614.03
September 2012	21,210,456.80	February 2017	5,585,963.09	July 2021	1,375,453.93
October 2012	20,691,884.33	March 2017	5,444,251.56	August 2021	1,338,264.27
November 2012	20,185,714.11	April 2017	5,306,011.78	September 2021	1,302,021.23
December 2012	19,691,653.98	May 2017	5,171,160.61	October 2021	1,266,701.58
January 2013	19,209,418.55	June 2017	5,039,616.86	November 2021	1,232,282.63
February 2013	18,738,729.12	July 2017	4,911,301.27	December 2021	1,198,742.24
March 2013	18,279,313.47	August 2017	4,786,136.42	January 2022	1,166,058.81
April 2013	17,830,905.73	September 2017	4,664,046.76	February 2022	1,134,211.24
May 2013	17,393,246.25	October 2017	4,544,958.50	March 2022	1,103,178.97
June 2013	16,966,081.40	November 2017	4,428,799.58	April 2022	1,072,941.89
July 2013	16,549,163.51	December 2017	4,315,499.67	May 2022	1,043,480.41
August 2013	16,142,250.67	January 2018	4,204,990.09	June 2022	1,014,775.39
September 2013	15,745,106.61	February 2018	4,097,203.76	July 2022	986,808.16
October 2013	15,357,500.59	March 2018	3,992,075.23	August 2022	959,560.50
November 2013	14,979,207.26	April 2018	3,889,540.56	September 2022	933,014.62
December 2013	14,610,006.52	May 2018	3,789,537.33	October 2022	907,153.17
January 2014	14,249,683.42	June 2018	3,692,004.62	November 2022	881,959.21
February 2014	13,898,028.04	July 2018	3,596,882.93	December 2022	857,416.21
March 2014	13,554,835.35	August 2018	3,504,114.17	January 2023	833,508.05
April 2014	13,219,905.12	September 2018	3,413,641.62	February 2023	810,218.97
May 2014	12,893,041.82	October 2018	3,325,409.93	March 2023	787,533.61
June 2014	12,574,054.45	November 2018	3,239,365.03	April 2023	765,437.00
July 2014	12,262,756.52	December 2018	3,155,454.14	May 2023	743,914.50
August 2014	11,958,965.89	January 2019	3,073,625.75	June 2023	722,951.83
September 2014	11,662,504.66	February 2019	2,993,829.56	July 2023	702,535.06
October 2014	11,373,199.12	March 2019	2,916,016.44	August 2023	682,650.62
November 2014	11,090,879.63	April 2019	2,840,138.46	September 2023	663,285.22
December 2014	10,815,380.49	May 2019	2,766,148.82	October 2023	644,425.93
January 2015	10,546,539.92	June 2019	2,694,001.81	November 2023	626,060.12
February 2015	10,284,199.90	July 2019	2,623,652.83	December 2023	608,175.46
March 2015	10,028,206.13	August 2019	2,555,058.32	January 2024	590,759.95
April 2015	9,778,407.90	September 2019	2,488,175.78	February 2024	573,801.83
May 2015	9,534,658.08	October 2019	2,422,963.70	March 2024	557,289.67
June 2015	9,296,812.94	November 2019	2,359,381.56	April 2024	541,212.30
July 2015	9,064,732.15	December 2019	2,297,389.81	May 2024	525,558.82
August 2015	8,838,278.66	January 2020	2,236,949.84	June 2024	510,318.59
September 2015	8,617,318.65	February 2020	2,178,023.95	July 2024	495,481.25
October 2015	8,401,721.41	March 2020	2,120,575.35	August 2024	481,036.66
November 2015	8,191,359.33	April 2020	2,064,568.11	September 2024	466,974.96
December 2015	7,986,107.78	May 2020	2,009,967.19	October 2024	453,286.52
January 2016	7,785,845.05	June 2020	1,956,738.34	November 2024	439,961.92
February 2016	7,590,452.31	July 2020	1,904,848.16	December 2024	426,992.01
March 2016	7,399,813.51	August 2020	1,854,264.03	January 2025	414,367.82
April 2016	7,213,815.32	September 2020	1,804,954.12	February 2025	402,080.65

## Aggregate Group II (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
March 2025	\$ 390,121.96	February 2028	\$ 125,507.53	January 2031	\$ 29,443.98
April 2025	378,483.46	March 2028	121,143.49	February 2031	27,951.51
May 2025	367,157.04	April 2028	116,904.63	March 2031	26,507.13
June 2025	356,134.79	May 2028	112,787.65	April 2031	25,109.52
July 2025	345,409.00	June 2028	108,789.35	May 2031	23,757.38
August 2025	334,972.14	July 2028	104,906.60	June 2031	22,449.42
September 2025	324,816.89	August 2028	101,136.34	July 2031	21,184.43
October 2025	314,936.07	September 2028	97,475.62	August 2031	19,961.19
November 2025	305,322.71	October 2028	93,921.52	September 2031	18,778.53
December 2025	295,970.00	November 2028	90,471.23	October 2031	17,635.31
January 2026	286,871.28	December 2028	87,121.99	November 2031	16,530.41
February 2026	278,020.08	January 2029	83,871.11	December 2031	15,462.76
March 2026	269,410.07	February 2029	80,715.99	January 2032	14,431.30
April 2026	261,035.10	March 2029	77,654.05	February 2032	13,435.00
May 2026	252,889.13	April 2029	74,682.83	March 2032	12,472.86
June 2026	244,966.31	May 2029	71,799.89	April 2032	11,543.91
July 2026	237,260.92	June 2029	69,002.88	•	*
August 2026	229,767.37	July 2029	66,289.49	May 2032	10,647.20
September 2026	222,480.23	August 2029	63,657.47	June 2032	9,781.80
October 2026	215,394.17	September 2029	61,104.64	July 2032	8,946.81
November 2026	208,504.03	October 2029	58,628.87	August 2032	8,141.36
December 2026	201,804.75	November 2029	56,228.07	September 2032	7,364.60
January 2027	195,291.42	December 2029	53,900.23	October 2032	6,615.69
February 2027	188,959.22	January 2030	51,643.36	November 2032	5,893.83
March 2027	182,803.48	February 2030	49,455.56	December 2032	5,198.22
April 2027	176,819.62	March 2030	47,334.93	January 2033	4,528.11
May 2027	171,003.19	April 2030	45,279.66	February 2033	3,882.74
June 2027	165,349.86	May 2030	43,287.96	March 2033	3,261.40
July 2027	159,855.37	June 2030	41,358.10	April 2033	2,663.37
August 2027	154,515.61	July 2030	39,488.39	May 2033	2,087.96
September 2027	149,326.54	August 2030	37,677.19	June 2033	1,534.51
October 2027	144,284.24	September 2030	35,922.88	July 2033	1,002.37
November 2027	139,384.87	October 2030	34,223.91	August 2033	490.89
December 2027	134,624.71	November 2030	32,578.76	September 2033 and	
January 2028	130,000.11	December 2030	30,985.93	thereafter	0.00

## Aggregate Group III Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$87,189,612.00	January 2005	\$80,805,382.41	February 2006	\$69,813,106.63
January 2004	86,875,886.83	February 2005	80,113,894.31	March 2006	68,801,867.85
February 2004	86,532,040.80	March 2005	79,395,215.86	April 2006	67,797,110.74
March 2004	86,158,173.29	April 2005	78,649,713.98	May 2006	66,798,782.04
April 2004	85,754,405.10	May 2005	77,877,774.46	June 2006	65,806,828.81
May 2004	85,320,878.37	June 2005	77,079,801.59	July 2006	64,821,198.52
June 2004	84,857,756.51	July 2005	76,256,217.76	August 2006	63,841,838.95
July 2004	84,365,224.14	August 2005	75,407,463.05	September 2006	62,868,698.25
August 2004	83,843,486.96	September 2005	74,533,994.82	October 2006	61,901,724.93
September 2004	83,292,771.56	October 2005	73,636,287.21	November 2006	60,940,867.83
October 2004	82,713,325.33	November 2005	72,714,830.68	December 2006	59,986,076.15
November 2004	82,105,416.20	December 2005	71,770,131.54	January 2007	59,037,299.42
December 2004	81,469,332.44	January 2006	70,802,711.40	February 2007	58,094,487.52

## Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
March 2007	\$57,157,590.65	August 2011	\$17,991,557.25	January 2016	\$ 4,792,828.99
April 2007	56,226,559.36	September 2011	17,554,617.18	February 2016	4,672,548.65
May 2007	55,301,344.53	October 2011	17,128,079.93	March 2016	4,555,194.75
June 2007	54,381,897.37	November 2011	16,711,701.18	April 2016	4,440,697.54
July 2007	53,468,169.40	December 2011	16,305,242.32	May 2016	4,328,988.88
August 2007	52,560,112.49	January 2012	15,908,470.29	June 2016	4,220,002.26
September 2007	51,657,678.80	February 2012	15,521,157.43	July 2016	4,113,672.72
October 2007	50,760,820.84	March 2012	15,143,081.39	August 2016	4,009,936.85
November 2007	49,869,491.42	April 2012	14,774,025.00	September 2016	3,908,732.71
December 2007	48,983,643.67	May 2012	14,413,776.15	October 2016	3,809,999.81
January 2008	48,103,231.02	June 2012	14,062,127.64	November 2016	3,713,679.11
February 2008	47,228,207.22	July 2012	13,718,877.13	December 2016	3,619,712.94
March 2008	46,358,526.33	August 2012	13,383,826.96	January 2017	3,528,045.00
April 2008	45,494,142.70	September 2012	13,056,784.10	February 2017	3,438,620.31
May 2008	44,635,011.00	October 2012	12,737,560.00	March 2017	3,351,385.18
June 2008	43,781,086.19	November 2012	12,425,970.51	April 2017	3,266,287.20
July 2008	42,932,323.52	December 2012	12,121,835.77	May 2017	3,183,275.19
August 2008	42,088,678.54	January 2013	11,824,980.11	June 2017	3,102,299.17
September 2008	41,250,107.11	February 2013	11,535,231.97	July 2017	3,023,310.34
October 2008	40,416,565.35	March 2013	11,252,423.77	August 2017	2,946,261.06
November 2008	39,588,009.69	April 2013	10,976,391.84	September 2017	2,871,104.81
December 2008	38,764,396.84	May 2013	10,706,976.36	October 2017	2,797,796.17
January 2009	37,945,683.79	June 2013	10,444,021.18	November 2017	2,726,290.78
February 2009	37,131,827.82	July 2013	10,187,373.85	December 2017	2,656,545.35
March 2009	36,322,786.48	August 2013	9,936,885.46	January 2018	2,588,517.59
April 2009	35,518,517.59	September 2013	9,692,410.55	February 2018	2,522,166.22
May 2009	34,718,979.27	October 2013	9,453,807.10	March 2018	2,457,450.94
June 2009	33,924,129.89	November 2013	9,220,936.37	April 2018	2,394,332.40
July 2009	33,133,928.09	December 2013	8,993,662.88	May 2018	2,332,772.17
August 2009	32,348,332.80	January 2014	8,771,854.31	June 2018	2,272,732.75
September 2009	31,571,028.20	February 2014	8,555,381.44	July 2018	2,214,177.51
October 2009	30,812,095.70	March 2014	8,344,118.05	August 2018	2,157,070.69
November 2009	30,071,106.07	April 2014	8,137,940.89	September 2018	2,101,377.38
December 2009	29,347,640.01	May 2014	7,936,729.58	October 2018	2,047,063.50
January 2010	28,641,287.94	June 2014	7,740,366.56	November 2018	1,994,095.77
February 2010	27,951,649.78	July 2014	7,548,737.02	December 2018	1,942,441.70
March 2010	27,278,334.72	August 2014	7,361,728.85	January 2019	1,892,069.58
April 2010	26,620,961.02	September 2014	7,179,232.53	February 2019	1,842,948.45
May 2010	25,979,155.77	October 2014	7,001,141.12	March 2019	1,795,048.06
June 2010	25,352,554.73	November 2014	6,827,350.20	April 2019	1,748,338.91
July 2010	24,740,802.08	December 2014	6,657,757.77	May 2019	1,702,792.19
August 2010	24,143,550.29	January 2015	6,492,264.24	June 2019	1,658,379.76
September 2010	23,560,459.88	February 2015	6,330,772.33	July 2019	1,615,074.16
October 2010	22,991,199.23	March 2015	6,173,187.07	August 2019	1,572,848.58
November 2010	22,435,444.43	April 2015	6,019,415.67	September 2019	1,531,676.87
December 2010	21,892,879.09	May 2015	5,869,367.56	October 2019	1,491,533.46
January 2011	21,363,194.17	June 2015	5,722,954.27	November 2019	1,452,393.41
February 2011	20,846,087.78	July 2015	5,580,089.41	December 2019	1,414,232.38
March 2011	20,341,265.08	August 2015	5,440,688.62	January 2020	1,377,026.59
April 2011	19,848,438.04	September 2015	5,304,669.52	February 2020	1,340,752.85
May 2011	19,367,325.35	October 2015	5,171,951.65	March 2020	1,305,388.50
June 2011	18,897,652.21	November 2015	5,042,456.45	April 2020	1,270,911.43
July 2011	18,439,150.23	December 2015	4,916,107.20	May 2020	1,237,300.06
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## Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
June 2020	\$ 1,204,533.32	November 2024	\$ 270,832.40	April 2029	\$ 45,973.01
July 2020	1,172,590.63	December 2024	262,848.36	May 2029	44,198.33
August 2020	1,141,451.93	January 2025	255,077.13	June 2029	42,476.54
September 2020	1,111,097.62	February 2025	247,513.36	July 2029	40,806.22
October 2020	1,081,508.56	March 2025	240,151.80	August 2029	39,186.00
November 2020	1,052,666.08	April 2025	232,987.34	September 2029	37,614.52
December 2020	1,024,551.96	May 2025	226,015.00	October 2029	36,090.48
January 2021	997,148.40	June 2025	219,229.90	November 2029	34,612.59
February 2021	970,438.03	July 2025	212,627.29	December 2029	33,179.61
March 2021	944,403.91	August 2025	206,202.54	January 2030	31,790.32
April 2021	919,029.49	September 2025	199,951.15	February 2030	30,443.55
May 2021	894,298.62	October 2025	193,868.69	March 2030	29,138.13
June 2021	870,195.54	November 2025	187,950.87	April 2030	27,872.94
July 2021	846,704.85	December 2025	182,193.51	May 2030	26,646.88
August 2021	823,811.55	January 2026	176,592.50	June 2030	25,458.90
September 2021	801,500.97	February 2026	171,143.85	July 2030	24,307.94
October 2021	779,758.81	March 2026	165,843.68	August 2030	23,192.99
November 2021	758,571.11	April 2026	160,688.20	September 2030	23,132.33
December 2021	737,924.24	May 2026	155,673.68	October 2030	21,067.21
January 2022	717,804.89	June 2026	150,796.53	November 2030	,
February 2022	698,200.09	July 2026	146,053.23		20,054.49
March 2022	679,097.17	August 2026	141,440.33	December 2030	19,073.97
April 2022	660,483.75	September 2026	136,954.50	January 2031	18,124.77
May 2022	642,347.78	October 2026	132,592.44	February 2031	17,206.03
June 2022	624,677.48	November 2026	128,350.99	March 2031	16,316.90
July 2022	607,461.34	December 2026	124,227.03	April 2031	15,456.56
August 2022	590,688.16	January 2027	120,217.54	May 2031	14,624.20
September 2022	574,346.98	February 2027	116,319.55	June 2031	13,819.04
October 2022	558,427.13	March 2027	112,530.19	July 2031	13,040.34
November 2022	542,918.17	April 2027	108,846.63	August 2031	12,287.33
December 2022	527,809.93	May 2027	105,266.14	September 2031	11,559.31
January 2023	513,092.49	June 2027	101,786.04	October 2031	10,855.56
February 2023	498,756.14	July 2027	98,403.73	November 2031	10,175.41
March 2023	484,791.43	August 2027	95,116.67	December 2031	9,518.18
April 2023	471,189.14	September 2027	91,922.37	January 2032	8,883.23
May 2023	457,940.27	October 2027	88,818.42	February 2032	8,269.93
June 2023	445,036.02	November 2027	85,802.45	March 2032	7,677.65
July 2023	432,467.82	December 2027	82,872.18	April 2032	7,105.80
August 2023	420,227.30	January 2028	80,025.36	May 2032	6,553.81
September 2023	408,306.30	February 2028	77,259.81	June 2032	6,021.08
October 2023	396,696.86	March 2028	74,573.38	July 2032	5,507.08
November 2023	385,391.19	April 2028	71,964.01	August 2032	5,011.25
December 2023	374,381.70	May 2028	69,429.67	September 2032	4,533.09
January 2024	363,661.02	June 2028	66,968.39	October 2032	4,072.08
February 2024	353,221.90	July 2028	64,578.24	November 2032	3,627.71
March 2024	343,057.31	August 2028	62,257.33	December 2032	3,199.51
April 2024	333,160.36	September 2028	60,003.86	January 2033	2,787.00
May 2024	323,524.35	October 2028	57,816.01	February 2033	2,389.72
June 2024	314,142.73	November 2028	55,692.08	March 2033	2,007.24
July 2024	305,009.13	December 2028	53,630.34	April 2033	1,639.10
August 2024	296,117.29	January 2029	51,629.16	May 2033	1,284.89
September 2024	287,461.16	February 2029	49,686.92	June 2033	944.19
October 2024	279,034.79	March 2029	47,802.05	July 2033	616.62
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## Aggregate Group III (Continued)

Distribution Date	lanned Salance
August 2033	\$ 301.76
September 2033 and thereafter	0.00

## Aggregate Group IV Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$66,666,667.00	September 2007	\$36,389,527.48	June 2011	\$10,322,985.00
January 2004	66,399,338.43	October 2007	35,625,305.24	July 2011	10,014,387.69
February 2004	66,106,343.56	November 2007	34,865,793.92	August 2011	9,714,899.37
March 2004	65,787,767.07	December 2007	34,110,953.60	September 2011	9,424,253.68
April 2004	65,443,711.89	January 2008	33,360,744.58	October 2011	9,142,192.03
May 2004	65,074,299.13	February 2008	32,615,127.47	November 2011	8,868,463.30
June 2004	64,679,668.05	March 2008	31,874,063.10	December 2011	8,602,823.70
July 2004	64,259,975.96	April 2008	31,137,512.58	January 2012	8,345,036.49
August 2004	63,815,398.14	May 2008	30,405,437.29	February 2012	8,094,871.82
September 2004	63,346,127.67	June 2008	29,677,798.84	March 2012	7,852,106.51
October 2004	62,852,375.35	July 2008	28,954,559.11	April 2012	7,616,523.89
November 2004	62,334,369.50	August 2008	28,235,680.22	May 2012	7,387,913.56
December 2004	61,792,355.74	September 2008	27,521,124.55	June 2012	7,166,071.25
January 2005	61,226,596.83	October 2008	26,810,854.72	July 2012	6,950,798.61
February 2005	60,637,372.44	November 2008	26,104,833.60	August 2012	6,741,903.09
March 2005	60,024,978.86	December 2008	25,403,024.30	September 2012	6,539,197.72
April 2005	59,389,728.75	January 2009	24,705,390.17	October 2012	6,342,500.97
May 2005	58,731,950.85	February 2009	24,011,894.82	November 2012	6,151,636.59
June 2005	58,051,989.65	March 2009	23,322,502.05	December 2012	5,966,433.47
July 2005	57,350,205.08	April 2009	22,637,175.95	January 2013	5,786,725.46
August 2005	56,626,972.13	May 2009	21,966,558.41	February 2013	5,612,351.28
September 2005	55,882,680.53	June 2009	21,315,602.89	March 2013	5,443,154.30
October 2005	55,117,734.29	July 2009	20,683,737.40	April 2013	5,278,982.50
November 2005	54,332,551.35	August 2009	20,070,406.51	May 2013	5,119,688.25
December 2005	53,527,563.13	September 2009	19,475,070.84	June 2013	4,965,128.25
January 2006	52,703,214.10	October 2009	18,897,206.61	July 2013	4,815,163.34
February 2006	51,859,961.31	November 2009	18,336,305.22	August 2013	4,669,658.46
March 2006	50,998,273.95	December 2009	17,791,872.74	September 2013	4,528,482.44
April 2006	50,142,109.70	January 2010	17,263,429.57	October 2013	4,391,507.98
May 2006	49,291,423.15	February 2010	16,750,509.97	November 2013	4,258,611.46
June 2006	48,446,169.22	March 2010	16,252,661.69	December 2013	4,129,672.87
July 2006	47,606,303.13	April 2010	15,769,445.56	January 2014	4,004,575.72
August 2006	46,771,780.39	May 2010	15,300,435.14	February 2014	3,883,206.89
September 2006	45,942,556.81	June 2010	14,845,216.33	March 2014	3,765,456.59
October 2006	45,118,588.52	July 2010	14,403,387.02	April 2014	3,651,218.22
December 2006	44,299,831.93 43,486,243.75	August 2010	13,974,556.77	May 2014	3,540,388.29
January 2007	42,677,780.97	October 2010	13,558,346.41 13,154,387.79	July 2014	3,432,866.33
February 2007				August 2014	3,328,554.83
•	41,874,400.89	November 2010	12,762,323.43 12,381,806.19	September 2014	3,227,359.08
March 2007	41,076,061.07 40,282,719.37				3,129,187.20
April 2007 May 2007	39,494,333.94	January 2011 February 2011	12,012,499.00 11,654,074.56	October 2014	3,033,949.93
June 2007	38,710,863.20	March 2011	11,306,215.08	December 2014	2,941,560.68
July 2007	37,932,265.84	April 2011	10,968,611.97	January 2015	2,851,935.34
August 2007	37,158,500.86	May 2011	10,640,965.59	February 2015	2,764,992.29 2,680,652.30
August 2007	51,150,500.00	way 2011	10,040,900.09	repluary 2010	4,000,004.30

## Aggregate Group IV (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
March 2015	\$ 2,598,838.43	August 2019	\$ 487,211.44	January 2024	\$ 82,887.14
April 2015	2,519,476.03	September 2019	471,719.43	February 2024	80,043.13
May 2015	2,442,492.60	October 2019	456,704.88	March 2024	77,291.03
June 2015	2,367,817.78	November 2019	442,153.40	April 2024	74,627.99
July 2015	2,295,383.27	December 2019	428,051.01	May 2024	72,051.23
August 2015	2,225,122.77	January 2020	414,384.14	June 2024	69,558.06
September 2015	2,156,971.93	February 2020	401,139.63	July 2024	67,145.87
October 2015	2,090,868.26	March 2020	388,304.72	August 2024	64,812.12
November 2015	2,026,751.12	April 2020	375,867.02	September 2024	62,554.36
December 2015	1,964,561.65	May 2020	363,814.51	October 2024	60,370.22
January 2016	1,904,242.72	June 2020	352,135.53	November 2024	58,257.39
February 2016	1,845,738.86	July 2020	340,818.76	December 2024	56,213.63
March 2016	1,788,996.23	August 2020	329,853.23	January 2025	54,236.78
April 2016	1,733,962.58	September 2020	319,228.30	February 2025	52,324.73
May 2016	1,680,587.20	October 2020	308,933.62	March 2025	50,475.45
June 2016	1,628,820.84	November 2020	298,959.17	April 2025	48,686.96
July 2016	1,578,615.72	December 2020	289,295.24	May 2025	46,957.35
August 2016	1,529,925.46	January 2021	279,932.38	June 2025	45,284.76
September 2016	1,482,705.04	February 2021	270,861.44	July 2025	43,667.39
October 2016	1,436,910.76	March 2021	262,073.56	August 2025	42,103.50
November 2016	1,392,500.21	April 2021	253,560.10	September 2025	40,591.40
December 2016	1,349,432.22	May 2021	245,312.72	October 2025	39,129.45
January 2017	1,307,666.85	June 2021	237,323.31	November 2025	37,716.07
February 2017	1,267,165.30	July 2021	229,584.01	December 2025	36,349.70
March 2017	1,227,889.95	August 2021	222,087.19	January 2026	35,028.87
April 2017	1,189,804.27	September 2021	214,825.44	February 2026	33,752.13
May 2017	1,152,872.79	October 2021	207,791.60	March 2026	32,518.07
June 2017	1,117,061.11	November 2021	200,978.70	April 2026	31,325.33
July 2017	1,082,335.84	December 2021	194,379.99	May 2026	30,172.61
August 2017	1,048,664.55	January 2022	187,988.91	June 2026	29,058.61
September 2017	1,016,015.79	February 2022	181,799.11	July 2026	27,982.12
October 2017	984,359.04	March 2022	175,804.43	August 2026	26,941.92
November 2017	953,664.66	April 2022	169,998.88	September 2026	25,936.87
December 2017	923,903.90	May 2022	164,376.67	October 2026	24,965.82
January 2018	895,048.84	June 2022	158,932.18	November 2026	24,027.70
February 2018	867,072.42	July 2022	153,659.94	December 2026	23,121.45
March 2018	839,948.34	August 2022	148,554.67	January 2027	22,246.03
April 2018	813,651.09	September 2022	143,611.24	February 2027	21,400.47
May 2018	788,155.93	October 2022	138,824.66	March 2027	20,583.79
June 2018	763,438.82	November 2022	134,190.11	April 2027	19,795.08
July 2018	739,476.46	December 2022	129,702.91	May 2027	19,033.42
August 2018	716,246.23	January 2023	125,358.52	June 2027	18,297.94
September 2018	693,726.16	February 2023	121,152.53	July 2027	17,587.79
October 2018	671,894.96	March 2023	117,080.67	August 2027	16,902.15
November 2018	650,731.95	April 2023	113,138.80	September 2027	16,240.24
December 2018	630,217.07	May 2023	109,322.90	October 2027	15,601.27
January 2019	610,330.85	June 2023	105,629.08	November 2027	14,984.51
February 2019	591,054.40	July 2023	102,053.55	December 2027	14,389.22
March 2019	572,369.39	August 2023	98,592.67	January 2028	13,814.71
April 2019	554,258.02	September 2023	95,242.87	February 2028	13,260.30
May 2019	536,703.05	October 2023	92,000.70	March 2028	12,725.34
June 2019	519,687.71	November 2023	88,862.84	April 2028	12,209.18
July 2019	503,195.77	December 2023	85,826.03	May 2028	11,711.21

### Aggregate Group IV (Continued)

Distribution Date	Plann Balan		Distribution Date	Planned Balance	Distribu Date		Planned Balance
June 2028	\$ 11,2	230.84	April 2030	\$ 4,115.28	February 2032	2 \$	1,074.79
July 2028	10,7	767.48	May 2030	 3,911.54	March 2032 .		992.04
August 2028	10,3	320.58	June 2030	 3,715.57	April 2032		912.83
September 2028	9,8	889.59	July 2030	 3,527.10	May 2032		837.03
October 2028	9,4	73.99	August 2030	 3,345.88	June 2032		764.53
November 2028	9,0	73.27	September 2030	 3,171.67	July 2032		695.20
December 2028	8,6	886.93	October 2030	 3,004.20	August 2032.		628.93
January 2029	8,8	314.50	November 2030	 2,843.27	September 20		565.61
February 2029	7,9	055.52	December 2030	 2,688.63	October 2032		505.12
March 2029	7,6	309.54	January 2031	 2,540.07			
April 2029	7,2	276.13	February 2031	 2,397.38	November 203		447.37
May 2029	6,9	054.86	March 2031	 2,260.35	December 203		392.25
June 2029	6,6	345.33	April 2031	 2,128.80	January 2033		339.67
July 2029	6,5	347.16	May 2031	 2,002.51	February 203	3	289.52
August 2029	6,0	59.95	June 2031	 1,881.32	March 2033 .		241.73
September 2029	5,7	783.34	July 2031	 1,765.05	April 2033		196.20
October 2029	5,5	516.97	August 2031	 1,653.51	May 2033		152.85
November 2029	5,2	260.50	September 2031	 1,546.54	June 2033		111.59
December 2029	5,0	13.60	October 2031	 1,443.98	July 2033		72.35
January 2030	4,7	75.93	November 2031	 1,345.68	August 2033.		35.05
February 2030	4,5	547.19	December 2031	 1,251.48	September 20		
March 2030	4,3	327.07	January 2032	 1,161.23	thereafter .		0.00

No one is authorized to give information or to make representations in connection with the Certificates other than the information and representations contained in this Prospectus Supplement and the additional Disclosure Documents. You must not rely on any unauthorized information or representation. This Prospectus Supplement and the additional Disclosure Documents do not constitute an offer or solicitation with regard to the Certificates if it is illegal to make such an offer or solicitation to you under state law. By delivering this Prospectus Supplement and the additional Disclosure Documents at any time, no one implies that the information contained herein or therein is correct after the date hereof or thereof.

The Securities and Exchange Commission has not approved or disapproved the Certificates or determined if this Prospectus Supplement is truthful and complete. Any representation to the contrary is a criminal offense.

\$516,838,611



## Guaranteed REMIC Pass-Through Certificates

Fannie Mae REMIC Trust 2003-130

PROSPECTUS SUPPLEMENT

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CREDIT	FIRST
SUISSE	BOSTON

November 25, 2003