\$2,134,689,940



### Guaranteed REMIC Pass-Through Certificates Fannie Mae REMIC Trust 2003-52

#### 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, and
- · underlying REMIC certificates backed by Fannie Mae MBS.

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

Carefully consider the risk factors starting on page S-10 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.

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 SU, SW, LH, IL, HJ, KN, KA, KB, KC, KD, SX, NB, ND and GD 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 May 30, 2003.

Class	Group	Original Class Balance	Principal Type	Interest Rate	Interest Type	CUSIP Number	Final Distribution Date
LG	1	\$356,654,000	PAC PAC	5.50% 5.50	FIX FIX	31393CK93 31393CL27	June 2033 February 2033
DA DB	1	15,716,000 2,808,000	PAC	5.50	FIX	31393CL27 31393CL35	April 2033
DC	1	2,965,000	PAC	5.50	FIX	31393CL43	June 2033
DG	i	6,816,000	SUP	5.50	FIX	31393CL50	June 2033
DF	î	8,934,933	SUP	(1)	FLT	31393CL68	July 2032
DT	i	290,385	SUP	(1)	INV	31393CL76	July 2032
DS	1	2,958,682	SUP	(1)	INV	31393CL84	July 2032
DJ	1	500,000	SUP	5.75	FIX	31393CL92	June 2033
DH	1	500,000	SUP	5.25	FIX	31393CM26	June 2033
DL	1	20,556,000	SUP	5.50	FIX	31393CM34	March 2032
BN	1	500,000	SUP	6.00	FIX	31393CM42	March 2032
BM	1	500,000	SUP	5.00	FIX	31393CM59	March 2032
DM	1	2,590,000	SUP	5.50	FIX	31393CM67	May 2032
DP	1	3,038,000	SUP	5.50	FIX	31393CM75	July 2032
DU	1	2,792,000	SUP	5.50	FIX	31393CM83	August 2032
CF	1	5,122,500	SUP SUP	(1)	FLT INV	31393CM91 31393CN25	June 2033 June 2033
	1	3,073,500	PAC	(1) 5.50	FIX	31393CN23 31393CN33	December 2032
BA BC	1	11,838,000 1,721,000	PAC	5.50	FIX	31393CN33 31393CN41	January 2033
BD	1	2,590,000	PAC	5.50	FIX	31393CN41 31393CN58	March 2033
BE	1	2,596,000	PAC	5.50	FIX	31393CN38 31393CN66	May 2033
BG	i	2,744,000	PAC	5.50	FIX	31393CN74	June 2033
DW	î	8,681,000	SUP	5.50	FIX	31393CN82	June 2033
DK	i	930,000	SUP	5.25	FIX	31393CN90	June 2033
DY	1	930,000	SUP	5.75	FIX	31393CP23	June 2033
BL	1	2,400,000	SUP	6.00	FIX	31393CP31	June 2033
BK	1	4,800,000	SUP	5.25	FIX	31393CP49	June 2033
BH	1	9,060,000	SUP	5.50	FIX	31393CP56	May 2032
BJ	1	3,395,000	SUP	5.50	FIX	31393CP64	August 2032
BU	1	2,000,000	TAC	5.00	FIX	31393CP72	April 2032
BV	1	2,000,000	TAC	6.00	FIX	31393CP80	April 2032
BW	1	1,000,000	SUP	5.50	FIX	31393CP98	May 2032
BF	1	5,133,333	SUP	(1)	FLT	31393CQ22	June 2033
BT	1	333,668	SUP	(1)	INV	31393CQ30	June 2033
BS	1	1,532,999	SUP	(1)	INV	31393CQ48	June 2033
FV	2	31,411,765	SC/PT	(1)	FLT	31393CQ55	May 2031
SV(2)	2	13,088,235	SC/PT	(1)	INV	31393CQ63	May 2031
LA	3	22,716,000	PAC	3.50	FIX	31393CQ71	December 2005
LB	3	100,000,000	PAC	4.50	FIX	31393CQ89	November 2014
LD(2)	3	113,073,000	PAC	4.00	FIX	31393CQ97	November 2014
LC	3	63,913,000	PAC	4.50	FIX	31393CR21	October 2016
LI	3	32,458,526(3)	NTL	4.75	FIX/IO	31393CR39	October 2016
HO(2)	3	68,745,000	SEQ	(4)	PO	31393CR47	June 2018
HI(2)	3	68,745,000(3)	NTL	4.75	FIX/IO	31393CR54	June 2018
JA	3	105,964,000	SCH/NSJ	4.75	FIX	31393CR62	February 2017
JZ	3	5,000	SCH/NSJ	4.75	FIX/Z	31393CR70	February 2017
ZJ	3	25,584,000	SUP/NSJ	4.75	FIX/Z	31393CR88	March 2017
KR(2)	4	464,062,500	SEQ	3.50	FIX	31393CR96	July 2017
KF(2)	4	210,937,500	SEQ	(1)	FLT	31393CS20	July 2017
KS(2)	4	210,937,500(3)	NTL	(1)	INV/IO	31393CS38	July 2017
KJ	4	75,000,000	SEQ	4.75	FIX	31393CS46	June 2018
FX	5	42,784,500	SC/PT	(1)	FLT	31393CS53	October 2031
SY(2)	5	14,261,500	SC/PT	(1)	INV	31393CS61	October 2031
UB(2)	5	17,113,800(3)	NTL	(1)	INV/IO	31393CS79	October 2031
NA(2)	6	128,450,000	SCH/AD	4.00	FIX	31393CS87	June 2023
NF(2)	6	96,337,500	SCH/AD	(1)	FLT	31393CS95	June 2023
NS(2)	6	96,337,500(3)	NTL	(1)	INV/IO	31393CT29	June 2023
NZ	6	212,500	SCH	5.50	FIX/Z	31393CT37	June 2023
ZK	6	15,000,000	TAC/NSJ	5.50	FIX/Z	31393CT45	June 2023
ZL	6	10,000,000	SUP/NSJ	5.50	FIX/Z	31393CT52	June 2023
GA(2)	7	25,000,000	SEQ	4.00	FIX	31393CT60	February 2018
GF(2)	7	6,818,182	SEQ	(1)	FLT	31393CT78	February 2018
GS(2)	7	6,818,182(3)	NTL	(1)	INV/IO	31393CT86	February 2018
GJ	7	1,325,758	SEQ	4.75	FIX	31393CT94	June 2018
R		0	NPR	0	NPR	31393CU27	June 2033
RL		0	NPR	0	NPR	31393CU35	June 2033

- Based on LIBOR.
- (2) Exchangeable classes.
- (3) Notional balances. These classes are interest only classes.(4) Principal only class.

## Citigroup

### TABLE OF CONTENTS

	Page		Page
AVAILABLE INFORMATION	S- 3	Group 6 Principal Distribution Amount	S-23
REFERENCE SHEET	S- 4	NZ Accrual Amount	S-23
ADDITIONAL RISK FACTORS	S-10	ZK Accrual Amount, ZL Accrual	
DESCRIPTION OF THE CERTIFICATES	S-11	Amount and Group 6 Cash Flow Distribution Amount	S-23
General	S-11	Group 7 Principal Distribution Amount	S-24
Structure	S-11	STRUCTURING ASSUMPTIONS	S-24
Fannie Mae Guaranty	S-12	Pricing Assumptions	S-24
Characteristics of Certificates	S-13	Prepayment Assumptions	S-24
$Authorized\ Denominations\dots\dots$	S-13	Structuring Ranges and Rates	S-25
Distribution Dates	S-13	Initial Effective Ranges	S-25
Record Date	S-13	YIELD TABLES	S-26
Class Factors	S-13	General	S-26
No Optional Termination	S-13		
Voting the Underlying REMIC	0.10	The Fixed Rate Interest Only Classes	S-27
Certificates	S-13	The Inverse Floating Rate Classes	S-28
Combination and Recombination	S-13	The Principal Only Class	S-31
General	S-13 S-14	Weighted Average Lives of the Certificates	S-32
Procedures	S-14 S-14		
Additional Considerations	~	DECREMENT TABLES	S-32
THE TRUST MBS	S-14	Characteristics of the R and RL Classes	S-45
THE UNDERLYING REMIC CERTIFICATES	S-15	CERTAIN ADDITIONAL FEDERAL	
FINAL DATA STATEMENT	S-16 S-16	INCOME TAX CONSEQUENCES	S-46
DISTRIBUTIONS OF INTEREST	S-16 S-16	REMIC ELECTIONS AND SPECIAL TAX	
Categories of Classes	S-16 S-17	Attributes	S-46
General	S-17 S-17	Taxation of Beneficial Owners of Regular Certificates	S-46
Accrual Classes	S-17		5-40
Notional Classes	S-17 S-18	Taxation of Beneficial Owners of Residual Certificates	S-47
Floating Rate and Inverse Floating Rate Classes	S-18	Taxation of Beneficial Owners of RCR Certificates	S-47
CALCULATION OF LIBOR	S-18	General	S-47
DISTRIBUTIONS OF PRINCIPAL	S-18	Strip RCR Classes	S-47
Categories of Classes	S-18	Combination RCR Classes	S-49
Principal Distribution Amount	S-19		
Group 1 Principal Distribution Amount	S-20	Exchanges	S-49
Group 2 Principal Distribution Amount	S-21	TAX RETURN DISCLOSURE REQUIREMENTS	S-49
Group 3 Principal Distribution Amount	S-21	PLAN OF DISTRIBUTION	S-49
Group 3 Cash Flow Distribution	0 21	General	S-49
Amount	S-21	Increase in Certificates	S-49
ZJ Accrual Amount, JZ Accrual		LEGAL MATTERS	S-50
Amount and Remaining Group 3 Cash Flow Distribution Amount	S-22	EXHIBIT A	A- 1
Group 4 Principal Distribution Amount	S-23	SCHEDULE 1	A- 2
Group 5 Principal Distribution Amount	S-23	PRINCIPAL BALANCE SCHEDULES	B- 1

#### 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");
- if you are purchasing any Group 2 or Group 5 Class or the R or RL Class, the disclosure document relating to the underlying REMIC certificates (the "Underlying REMIC Disclosure Document"); 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 or 202-752-6547).

In addition, the Disclosure Documents, together with the class factors, are available on our corporate web site at www.fanniemae.com and our business to business web site at www.efanniemae.com.

You also can obtain copies of the Disclosure Documents, except the Underlying REMIC Disclosure Document, by writing or calling the dealer at:

Citigroup Global Markets Inc. Prospectus Department Brooklyn Army Terminal 140 58th Street, Suite 8-G Brooklyn, New York 11220 (telephone 718-765-6732).

In the first quarter of 2003, we began filing periodic reports with the SEC under the Exchange Act. These filings will include Form 10-K's, Form 10-Q's and Form 8-K's. Our SEC filings are available at the SEC's website 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 Internet 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 Exchange Act, 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	Class 2001-60-PV REMIC Certificate
3	Group 3 MBS
4	Group 4 MBS
5	Class 2001-60-MA REMIC Certificate Class 2001-60-NA REMIC Certificate
6	Group 6 MBS
7	Group 7 MBS

### Assumed Characteristics of the Mortgage Loans Underlying the Trust MBS (as of May 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	\$500,000,000	360	357	2	5.916%
Group 3 MBS	\$500,000,000	180	179	1	5.250%
Group 4 MBS	\$750,000,000	180	178	1	5.250%
Group 6 MBS	\$250,000,000	240	238	2	6.000%
Group 7 MBS	\$ 33,143,940	180	177	2	5.250%

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.

### **Characteristics of the Underlying REMIC Certificates**

Exhibit A describes the Underlying REMIC Certificates, including certain information about the related mortgage loans. To learn more about the Underlying REMIC Certificates, you should obtain from us the current class factors and the disclosure document relating to them as described on page S-3.

#### **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 May 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)
DF	2.67000%	7.50000%	1.35%	LIBOR + 135 basis points
DT	20.00000%	20.00000%	0.00%	$189.23076923\% - (30.76923077 \times LIBOR)$
DS	12.62320%	16.60947%	0.00%	$16.60947152\% - (3.01990391 \times LIBOR)$
CF	2.80000%	7.00000%	1.50%	LIBOR + 150 basis points
CS	10.00000%	12.16667%	3.00%	$12.16666667\% - (1.66666667 \times LIBOR)$
BF	2.67000%	7.50000%	1.35%	LIBOR + 135 basis points
BT	10.00000%	10.00000%	0.00%	$94.61538462\% - (15.38461538 \times LIBOR)$
BS	13.99696%	18.41705%	0.00%	$18.41704718\% - (3.34855403 \times LIBOR)$
FV	2.30000%	8.500000%	1.00%	LIBOR + 100 basis points
SV	14.88000%	18.00000%	0.00%	$18\% - (2.4 \times LIBOR)$
KF	1.68000%	7.50000%	0.40%	LIBOR $+$ 40 basis points
KS	5.82000%	7.10000%	0.00%	7.1% - LIBOR
FX	1.65000%	8.00000%	0.35%	LIBOR $+ 35$ basis points
SY	11.43000%	13.77000%	0.00%	$13.77\% - (1.8 \times LIBOR)$
UB	6.35000%	7.65000%	0.00%	7.65% - LIBOR
NF	1.68000%	7.50000%	0.40%	LIBOR + 40 basis points
NS	5.82000%	7.10000%	0.00%	7.1% - LIBOR
NS	5.82000%	7.10000%	0.00%	

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate(1)
GF	1.68000%	7.50000%	0.40%	LIBOR + 40 basis points
GS	5.82000%	7.10000%	0.00%	7.1% - LIBOR
SU	6.20000%	7.50000%	0.00%	7.5% - LIBOR
SW	10.85000%	13.12500%	0.00%	$13.125\% - (1.75 \times LIBOR)$
SX	19.05000%	22.95000%	0.00%	$22.95\% - (3 \times LIBOR)$

<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	
SU	65.0000019101% of the SV Class
LI	26.3157894740% of the LA Class
	5.2631578950% of the LB and LC Classes
	15.7894736840% of the LD Class
HI	100% of the HO Class
IL	
KS	100% of the KF Class
UB	120% of the SY Class
NS	100% of the NF Class
GS	100% of the GF Class

#### **Distributions of Principal**

Group 1 Principal Distribution Amount

- 1. To the LG Class to its Planned Balance.
- 2. To Aggregate Group I to its Planned Balance.
- 3. (a) 19.9266698549% of the remaining amount in the following priority:

first, to the DF, DS and DT Classes, pro rata, to zero; and second, to the DG, DJ and DH Classes, pro rata, to zero,

- (b) 6.9743344492% of such remaining amount to the BF, BS and BT Classes, pro rata, to zero, and
- (c) 73.0989956959% of such remaining amount as follows:

first, (x) 63.1994974611% of that amount as follows:

first, to the DL, BN and BM Classes, pro rata, to zero; and second, to the DM Class to zero,

(y) 23.7135528451% of that amount to the BH Class to zero, and

(z) 13.0869496938% of that amount as follows:

first, to Aggregate Group II to its Targeted Balance;

second, to the BW Class to zero; and

third, to Aggregate Group II to zero;

- second, (x) 63.1978319783% of the remaining amount to the DP and DU Classes, in that order, to zero, and
  - (y) 36.8021680217% of such remaining amount to the BJ Class to zero; and

third, to the CF, CS, DW, DK, DY, BL and BK Classes, pro rata, to zero.

- 4. To Aggregate Group I to zero.
- 5. To the LG Class to zero.

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

Group 2 Principal Distribution Amount

To the FV and SV Classes, pro rata, to zero.

Group 3 Principal Distribution Amount

Group 3 Cash Flow Distribution Amount

To Aggregate Group III to its Planned Balance.

JZ Accrual Amount, ZJ Accrual Amount and Remaining Group 3 Cash Flow Distribution Amount

- 1. If and only if the principal balance of the Group 3 MBS is *less* than the Group 3 MBS First Specified Balance, the ZJ Class Specified Amount to the ZJ Class to zero.
  - 2. To Aggregate Group IV to its Scheduled Balance.
  - 3. To the ZJ Class to zero.
  - 4. To Aggregate Group IV to zero.
  - 5. To Aggregate Group III to zero.
  - 6. To the HO Class to zero.

For a description of Aggregate Groups III and IV and the ZJ Class Specified Amount, see "Description of the Certificates—Distributions of Principal—Group 3 Principal Distribution Amount" in this prospectus supplement.

Group 4 Principal Distribution Amount

- 1. To the KR and KF Classes, pro rata, to zero.
- 2. To the KJ Class to zero.

Group 5 Principal Distribution Amount

To the SY and FX Classes, pro rata, to zero.

Group 6 Principal Distribution Amount

NZ Accrual Amount

To Aggregate Group V to zero.

ZK Accrual Amount, ZL Accrual Amount and Group 6 Cash Flow Distribution Amount

- 1. To Aggregate Group V to its Scheduled Balance.
- 2. If and only if the principal balance of the Group 6 MBS is *less* than the Group 6 MBS First Specified Balance, the ZL Class Specified Amount to the ZL Class to zero.
  - 3. To the ZK Class to its Targeted Balance.
  - 4. To the ZL Class to zero.
  - 5. To the ZK Class to zero.
  - 6. To Aggregate Group V to zero.

For a description of Aggregate Group V and the ZL Class Specified Amount, see "Description of the Certificates—Distributions of Principal—Group 6 Principal Distribution Amount" in this prospectus supplement.

Group 7 Principal Distribution Amount

- 1. To the GA and GF Classes, pro rata, to zero.
- 2. To the GJ Class to zero.

					PSA	A Prepa					
Group 1 Classes			0%	<b>100</b> %	$\underline{125\%}$	$\underline{145\%}$	<b>170</b> %	<b>200</b> %	<b>250</b> %	<b>500</b> %	8009
LG			17.4	7.7	7.7	7.7	7.7	7.7	7.7	4.6	3.1
DA			26.7	12.7	3.9	3.9	3.9	3.9	3.6	2.0	1.5
DB DC			$27.2 \\ 27.4$	15.4	10.5	10.5	10.5	$10.5 \\ 12.8$	6.5	$\frac{2.4}{2.4}$	1.7
DG, DJ and DH			$27.4 \\ 29.6$	$16.1 \\ 26.7$	$12.8 \\ 25.3$	$\frac{12.8}{23.8}$	$\frac{12.8}{21.4}$	15.2	$7.5 \\ 4.1$	1.8	$1.7 \\ 1.3$
DF, DT and DS			28.3	20.1	16.6	11.1	5.6	$\frac{10.2}{2.7}$	1.8	0.9	0.7
DL, BN and BM			28.1	19.2	15.5	9.0	3.4	2.1	1.5	0.8	0.6
DM			28.8	22.3	19.6	17.0	10.6	3.9	2.6	1.3	0.9
DP			29.0	23.1	20.6	18.1	14.3	4.5	2.8	1.4	1.0
DU			$29.1 \\ 29.6$	$23.9 \\ 26.9$	$21.6 \\ 25.6$	$\frac{19.3}{24.2}$	$15.8 \\ 21.9$	$\frac{5.2}{16.2}$	$\frac{3.1}{4.2}$	$\frac{1.5}{1.8}$	1.1 1.3
BA			26.6	12.1	25.0 $2.9$	$\frac{24.2}{2.9}$	$\frac{21.9}{2.9}$	$\frac{10.2}{2.9}$	$\frac{4.2}{2.9}$	1.9	1.4
BC			27.0	14.2	6.0	6.0	6.0	6.0	5.6	2.3	1.6
BD			27.1	14.8	8.0	8.0	8.0	8.0	6.0	2.3	1.7
BE			27.2	15.4	10.8	10.8	10.8	10.8	6.5	2.4	1.7
BG			27.4	16.1	12.9	12.9	12.9	12.9	7.5	2.5	1.7
BH BJ			$28.2 \\ 29.0$	$19.5 \\ 23.5$	$15.9 \\ 21.1$	$9.8 \\ 18.7$	$\frac{4.1}{15.0}$	2.3 4.8	$\frac{1.7}{2.9}$	$0.9 \\ 1.5$	0.6 1.0
BU and BV			28.0	$\frac{25.5}{18.9}$	15.1	8.1	$\frac{15.0}{4.7}$	2.6	1.9	1.0	0.7
BW			28.7	22.0	19.2	16.6	1.9	$\frac{2.3}{1.1}$	0.7	0.3	0.2
BF, BT and BS			28.8	22.6	20.0	16.0	11.8	7.6	2.7	1.3	0.9
							PSA Pı	epaym	ent As	sumptio	on
Group 2 Classes						0%	500%	986	<u>1</u>	500%	2000
FV, SV, SU and SW $\dots$						27.1	5.9	2	.5	1.1	0.3
						ayment					
Group 3 Classes	0%	100%	<b>208</b> %	$\underline{220\%}$	250%	251%	$\underline{252\%}$	300%	350%	<b>500</b> %	8009
LA	1.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
LB, LD, LH and IL	6.2	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.6	2.9	2.3
LC	10.4	7.6	7.6	7.6	7.6	7.6	7.6	7.0	6.4	5.0	3.5
HO, HI and HJ	$5.8 \\ 14.4$	$3.9 \\ 13.4$	$\frac{3.9}{12.0}$	$\frac{3.9}{11.8}$	$3.9 \\ 11.3$	$\frac{3.9}{11.3}$	$\frac{3.9}{11.3}$	$\frac{3.7}{10.6}$	3.4 9.8	$\frac{2.9}{7.9}$	$\frac{2.2}{5.4}$
JA	8.9	6.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.4	1.0
JZ	12.7	10.4	8.9	8.9	8.9	9.0	9.0	3.7	3.0	2.2	1.6
ZJ	13.2	11.2	9.0	7.1	2.8	2.7	2.5	0.7	0.4	0.3	0.3
						I	SA Pr	epayme	ent Ass	umptio	n
Group 4 Classes						0%	200%	447	<u>6</u>	00%	800%
KR, KF, KS, KN, KA, I	KB, K	KC and	KD.			8.2	4.6	3	.0	2.5	2.1
KJ						14.6	12.6	9	.2	7.4	5.8
							PSA Pı				on
Group 5 Classes						0%	500%	986	<u> 1</u>	500%	2000
GIOUP O CIUDADO						27.1	7.2	3	.1	1.4	0.3
FX, SY, UB and SX					• • •	21.1					
FX, SY, UB and SX				PSA	A Prepa	ayment	Assum				
FX, SY, UB and SX	<u>0%</u>			PSA	A Prepa		Assum		360%	500%	8009
FX, SY, UB and SX  Group 6 Classes  NA, NF, NS, NB and ND	0% 10.4	100% 6.5	215% 5.0	PSA 216% 5.0	A Prepa 220% 4.9	275% 4.8	Assum 300% 4.8	315% 4.8	4.7	3.7	2.6
FX, SY, UB and SX  Group 6 Classes  NA, NF, NS, NB and ND  NZ	0% 10.4 19.2	100% 6.5 19.2	215% 5.0 19.2	PSA 216% 5.0 19.2	220% 4.9 19.2	275% 4.8 19.2	Assum 300% 4.8 19.2	315% 4.8 19.2	4.7 18.9	3.7 16.9	2.6
FX, SY, UB and SX  Group 6 Classes  NA, NF, NS, NB and ND  NZ  ZK	0% 10.4 19.2 18.0	100% 6.5 19.2 14.6	215% 5.0 19.2 9.2	<b>PS</b> A 216% 5.0 19.2 9.2	4.9 19.2 9.2	275% 4.8 19.2 11.6	Assum 300% 4.8 19.2 8.2	315% 4.8 19.2 6.4	4.7 18.9 2.8	3.7 16.9 1.4	2.6 11.8 0.9
FX, SY, UB and SX  Group 6 Classes  NA, NF, NS, NB and ND  NZ  ZK	0% 10.4 19.2	100% 6.5 19.2	215% 5.0 19.2	PSA 216% 5.0 19.2	220% 4.9 19.2	275% 4.8 19.2 11.6 4.4	Assum 300% 4.8 19.2 8.2 1.9	315% 4.8 19.2 6.4 1.5	4.7 18.9 2.8 1.0	3.7 16.9 1.4 0.6	2.6 11.8 0.9 0.4
FX, SY, UB and SX  Group 6 Classes  NA, NF, NS, NB and ND  NZ	0% 10.4 19.2 18.0	100% 6.5 19.2 14.6	215% 5.0 19.2 9.2	<b>PS</b> A 216% 5.0 19.2 9.2	4.9 19.2 9.2	275% 4.8 19.2 11.6 4.4	Assum 300% 4.8 19.2 8.2	315% 4.8 19.2 6.4 1.5 epayme	4.7 18.9 2.8 1.0 ent Ass	3.7 16.9 1.4 0.6	2.6 11.8 0.9 0.4 <b>n</b>
<del></del>	0% 10.4 19.2 18.0 19.4	6.5 19.2 14.6 18.0	5.0 19.2 9.2 15.1	PSA 216% 5.0 19.2 9.2 15.1	4.9 19.2 9.2 15.2	275% 4.8 19.2 11.6 4.4	Assum 300% 4.8 19.2 8.2 1.9 PSA Pro	4.8 19.2 6.4 1.5 epayme	4.7 18.9 2.8 1.0 ent Ass	3.7 16.9 1.4 0.6 sumptio	2.6 11.8 0.9 0.4

#### 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.

Payments on the Group 2 and Group 5 Classes also will be affected by the payment priorities governing the related underlying REMIC certificates. If you invest in any Group 2 or Group 5 Classes, the rate at which you receive payments also will be affected by the priority sequences governing principal payments on the related Underlying REMIC Certificates.

As described in the underlying disclosure document, the underlying REMIC certificates may be subsequent in payment priority to certain other classes issued from the underlying REMIC trust. As a result, such other classes may receive principal before principal is paid on the underlying REMIC certificates, possibly for long periods.

In particular, the Group 2 Underlying REMIC Certificate has a principal balance schedule, and the Group 5 Underlying REMIC Certificates are indirectly backed by other REMIC certificates having principal balance schedules. As a result, those underlying REMIC certificates may receive principal payments at rates faster or slower than would otherwise have been the case. In some cases, they may receive no principal payments for extended periods. Prepayments on the related mortgage loans may have occurred at rates faster or slower than the rates initially assumed. This prospectus supplement contains no information as to whether

- the related underlying REMIC certificates have adhered to their principal balance schedules,
- any related Support classes remain outstanding, or
- the underlying REMIC certificates otherwise have performed as originally anticipated.

You may obtain additional information about the underlying REMIC certificates by reviewing their current class factors in light of other information available in the underlying disclosure document. You may obtain that document from us as described on page S-3.

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 of the Non-Sticky Jump classes are especially sensitive to prepayments under certain scenarios. The weighted average lives of the Non-Sticky Jump classes are especially sensitive to the rate of principal payments, including prepayments, of the related mortgage loans. This sensitivity to prepayments is not necessarily proportional to the changes in prepayment rates. In some scenarios, small changes in prepayment rates of the related mortgage loans may have a dramatic effect on the weighted average lives of the Non-Sticky Jump classes. For an illustration of this sensitiv-

ity, see the related decrement tables for these classes in this prospectus supplement.

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 Trust 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 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 comparable 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 May 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

- five groups of Fannie Mae Guaranteed Mortgage Pass-Through Certificates (the "Group 1 MBS," "Group 3 MBS," "Group 4 MBS," "Group 6 MBS" and "Group 7 MBS" and, together, the "Trust MBS"), and
- two groups of previously issued REMIC certificates (the "Group 2 Underlying REMIC Certificate" and "Group 5 Underlying REMIC Certificates" and, together, the "Underlying REMIC Certificates") evidencing beneficial ownership interests in the related Fannie Mae REMIC trust (the "Underlying REMIC Trust"), as further described in Exhibit A.

The assets of the Underlying REMIC Trust evidence direct or indirect beneficial ownership interests in certain Fannie Mae Guaranteed Mortgage Pass-Through Certificates (together with the Trust MBS, 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 guaranty obligations with respect to the Underlying REMIC Certificates are described in the Underlying REMIC Disclosure Document. Our guarantees are not backed by the full faith and credit of the United States. See "Description of Certificates—The Fannie Mae Guaranty" in the REMIC Prospectus, "Description of the Certificates—Fannie Mae Guaranty" in the MBS Prospectus, and "Description of the Certificates—General—Fannie Mae Guaranty" in the Underlying REMIC Disclosure Document.

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.

Voting the Underlying REMIC Certificates. Holders of the Underlying REMIC Certificates may be asked to vote on issues arising under the related trust agreement. If so, the Trustee will vote the applicable Underlying REMIC Certificates as instructed by Holders of Certificates of the Classes backed by the related Underlying REMIC Certificates. The Trustee must receive instructions from Holders of Certificates having principal balances totaling at least 51% of the aggregate principal balance of the related Classes. In the absence of such instructions, the Trustee will vote in a manner consistent, in its sole judgment, with the best interests of Certificateholders.

#### **Combination and Recombination**

*General.* You are permitted to exchange all or a portion of the SV, LD, HO, HI, KR, KF, KS, SY, UB, NA, NF, NS, GA, GF and GS 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 Trust MBS

The following table contains certain information about the Trust MBS. The Trust 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 Trust MBS provides that principal and interest on the related Mortgage Loans are passed through monthly. The Mortgage Loans underlying the Trust 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 MBS, up to 15 years in the case of the Group 3, Group 4 and Group 7 MBS, and up to 20 years in the case of the Group 6 MBS. See "The Mortgage Pools" and "Yield, Maturity, and Prepayment Considerations" in the MBS Prospectus. We expect the characteristics of the Trust MBS and the related Mortgage Loans as of the Issue Date to be as follows:

Group 1 MBS	
Aggregate Unpaid Principal Balance	\$500,000,000
MBS Pass-Through Rate	5.50%
Range of WACs (annual percentages)	5.75% to 8.00%
Range of WAMs	241 months to 360 months
Approximate Weighted Average WAM	357 months
Approximate Weighted Average WALA (weighted average	
loan age)	2 months
Group 3 MBS	
Aggregate Unpaid Principal Balance	\$500,000,000
MBS Pass-Through Rate	4.75%
Range of WACs (annual percentages)	5.00% to 7.25%
Range of WAMs	121 months to 180 months
Approximate Weighted Average WAM	179 months
Approximate Weighted Average WALA	1 month
Group 4 MBS	
Aggregate Unpaid Principal Balance	\$750,000,000
MBS Pass-Through Rate	4.75%
Range of WACs (annual percentages)	5.00% to 7.25%
Range of WAMs	121 months to 180 months
Approximate Weighted Average WAM	178 months
Approximate Weighted Average WALA	1 month
Group 6 MBS	
Aggregate Unpaid Principal Balance	\$250,000,000
MBS Pass-Through Rate	5.50%
Range of WACs (annual percentages)	5.75% to 8.00%
Range of WAMs	181 months to 240 months
Approximate Weighted Average WAM	238 months
Approximate Weighted Average WALA	2 months
Group 7 MBS	
Aggregate Unpaid Principal Balance	\$33,143,940
MBS Pass-Through Rate	4.75%
Range of WACs (annual percentages)	5.00% to 7.25%
Range of WAMs	121 months to 180 months
Approximate Weighted Average WAM	177 months
Approximate Weighted Average WALA	2 months

### The Underlying REMIC Certificates

The Underlying REMIC Certificates represent beneficial ownership interests in the Underlying REMIC Trust. The assets of that trust evidence direct or indirect beneficial ownership interests in certain MBS having the general characteristics set forth in the MBS Prospectus. Distributions on the Underlying REMIC Certificates will be passed through monthly, beginning in the month after we issue the Certificates. The general characteristics of the Underlying REMIC Certificates are described in the Underlying REMIC Disclosure Document. See Exhibit A for additional information about the Underlying REMIC Certificates.

Each MBS evidences beneficial ownership interests in a pool of conventional, fixed-rate, fully-amortizing mortgage loans secured by first mortgages or deeds of trust on single-family residential

properties, as described under "The Mortgage Pools" and "Yield, Maturity, and Prepayment Considerations" in the MBS Prospectus.

For further information about the Underlying REMIC Certificates, telephone us at 1-800-237-8627 or 202-752-6547. There may have been material changes in facts and circumstances since the date we prepared the Underlying REMIC Disclosure Document. These may include changes in prepayment speeds, prevailing interest rates and other economic factors. As a result, the usefulness of the information set forth in that document may be limited.

#### **Final Data Statement**

After issuing the Certificates, we will prepare a Final Data Statement containing certain information, including the principal balances of the Underlying REMIC Certificates as of the Issue Date and, with respect to the Trust MBS, 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 Trust 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 Trust MBS as of the Issue Date. You may obtain the Final Data Statement by telephoning us at 1-800-237-8627 or 202-752-6547. In addition, the Final Data Statement is available at our corporate web site at www.fanniemae.com and our business to business web site at www.efanniemae.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

LG, DA, DB, DC, DG, DJ, DH, DL, BN, BM, DM,
DP, DU, BA, BC, BD, BE, BG, DW, DK, DY, BL,

BK, BH, BJ, BU, BV and BW

Floating Rate DF, CF and BF

Inverse Floating Rate DT, DS, CS, BT and BS

**Group 2 Classes** 

Floating Rate FV Inverse Floating Rate SV

RCR\*\* SU and SW

**Group 3 Classes** 

Fixed Rate LA, LB, LD, LC, LI, HI, JA, JZ and ZJ

Interest Only
Principal Only
Accrual
RCR\*

LI and HI
HO
JZ and ZJ
LH, IL and HJ

**Group 4 Classes** 

Fixed Rate KR and KJ

Floating Rate KF
Inverse Floating Rate KS
Interest Only KS

RCR\*\* KN, KA, KB, KC and KD

Interest Type*	Classes				
Group 5 Classes					
Floating Rate	FX				
Inverse Floating Rate	SY and UB				
Interest Only	UB				
RCR**	SX				
Group 6 Classes					
Fixed Rate	NA, NZ, ZK and ZL				
Floating Rate	NF				
Inverse Floating Rate	NS				
Interest Only	NS				
Accrual	NZ, ZK and ZL				
RCR**	NB and ND				
Group 7 Classes					
Fixed Rate	GA and GJ				
Floating Rate	$\operatorname{GF}$				
Inverse Floating Rate	GS				
Interest Only	GS				
RCR**	GD				

No Payment Residual

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	Interest Accrual Periods
All Fixed Rate Classes and the DF, DT, DS, CF, CS, BF, BT and BS Classes (collectively, the "Delay Classes")	Calendar month preceding the month in which the Distribution Date occurs
All other Floating Rate and Inverse Floating Rate Classes	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 HO Class as a Delay Class for the sole purpose of facilitating trading.

Accrual Classes. The JZ, ZJ, NZ, ZK and ZL Classes are Accrual Classes. Interest will accrue on the Accrual Classes at the applicable annual rate specified on the cover of this prospectus supplement.

R and RL \* 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.

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 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.

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 or 202-752-6547.

#### 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 1.32% in the case of the DF, DT, DS, BF, BT and BS Classes; 1.28% in the case of the KF, KS, NF, NS, GF and GS Classes; and 1.30% 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 TAC Support LG, DA, DB, DC, BA, BC, BD, BE and BG BU and BV DG, DF, DT, DS, DJ, DH, DL, BN, BM, DM, DP, DU, CF, CS, DW, DK, DY, BL, BK, BH, BJ, BW, BF, BT and BS

**Group 2 Classes** 

Structured Collateral/Pass-Through RCR\*\*

FV and SV SU and SW

Classes

**Group 3 Classes** 

PAC
Scheduled
Scheduled
JA and JZ
Non-Sticky Jump
JA, JZ and ZJ
Support
ZJ

Support
Sequential Pay
HO
Notional
LI and HI
RCR\*\*
LH, IL and HJ

**Group 4 Classes** 

Sequential Pay KR, KF and KJ

Notional KS

RCR\*\* KN, KA, KB, KC and KD

**Group 5 Classes** 

Structured Collateral/Pass-Through
Notional
RCR\*\*

SX

FX and SY
UB
SX

**Group 6 Classes** 

Scheduled NA, NF and NZ

TAC ZK

Non-Sticky Jump ZK and ZL

Support ZL Notional NS

Accretion Directed NA and NF RCR\*\* NB and ND

**Group 7 Classes** 

Sequential Pay GA, GF and GJ

Notional GS RCR\*\* GD

No Payment Residual R and RL

#### 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 Principal Distribution Amount"),
- the principal then paid on the Group 2 Underlying REMIC Certificate (the "Group 2 Principal Distribution Amount").
- the principal then paid on the Group 3 MBS (the "Group 3 Cash Flow Distribution Amount"), plus any interest then accrued and added to the principal balances of the ZJ and JZ Classes (the "ZJ Accrual Amount" and "JZ Accrual Amount," respectively, and, together with the Group 3 Cash Flow Distribution Amount, the "Group 3 Principal Distribution Amount"),
- the principal then paid on the Group 4 MBS (the "Group 4 Principal Distribution Amount"),
- the principal then paid on the Group 5 Underlying REMIC Certificates (the "Group 5 Principal Distribution Amount"),
- the principal then paid on the Group 6 MBS (the "Group 6 Cash Flow Distribution Amount"), plus any interest then accrued and added to the principal balances of the NZ, ZK and ZL Classes (the "NZ Accrual Amount", "ZK Accrual Amount" and "ZL Accrual Amount,"

<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.

respectively, and, together with the Group 6 Cash Flow Distribution Amount, the "Group 6 Principal Distribution Amount"), and

• the principal then paid on the Group 7 MBS (the "Group 7 Principal Distribution Amount").

#### Group 1 Principal Distribution Amount

On each Distribution Date, we will pay the Group 1 Principal Distribution Amount as principal of the Group 1 Classes in the following priority:

(i) to the LG Class, until its principal balance is reduced to its Planned Balance for that Distribution Date;

PAC Class and Group

- (ii) to Aggregate Group I (described below), until the Aggregate I Balance (described below) is reduced to its Planned Balance for that Distribution Date;
  - (iii) (a) 19.9266698549% of the remaining amount in the following priority:

 $\it first,$  concurrently, to the DF, DS and DT Classes, pro rata (or  $73.3333305975\%,\,24.2833388050\%$  and  $2.3833305975\%,\, respectively), until their principal balances are reduced to zero; and$ 

second, concurrently, to the DG, DJ and DH Classes, pro rata (or 87.2057318322%, 6.3971340839% and 6.3971340839%, respectively), until their principal balances are reduced to zero,

Support Classes

- (b) 6.9743344492% of such remaining amount, concurrently, to the BF, BS and BT Classes, pro rata (or 73.3333285714%, 21.8999857143% and 4.7666857143%, respectively), until their principal balances are reduced to zero, and
  - (c) 73.0989956959% of such remaining amount as follows:

first, (x) 63.1994974611% of that amount as follows:

first, concurrently, to the DL, BN and BM Classes, pro rata (or 95.3609203934%, 2.3195398033% and 2.3195398033%, respectively), until their principal balances are reduced to zero; and

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

Support

- (y) 23.7135528451% of that amount to the BH Class, until its principal balance is reduced to zero, and
  - (z) 13.0869496938% of that amount as follows:

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

TAC Grou

second, to the BW Class, until its principal balance is reduced to zero; and

Support Class

third, to Aggregate Group II, without regard to its Targeted Balance and until the Aggregate II Balance is reduced to zero;

ΓAC Group second, (x) 63.1978319783% of the remaining amount, sequentially, to the DP and DU Classes, in that order, until their principal balances are reduced to zero, and

(y) 36.8021680217% of such remaining amount to the BJ Class, until its principal balance is reduced to zero; and

Support Classes

third, concurrently, to the CF, CS, DW, DK, DY, BL and BK Classes, pro rata (or 19.7497783090%, 11.8498669854%, 33.4695608590%, 3.5856112889%, 3.5856112889%, 9.2531904229% and 18.5063808459%, respectively) until their principal balances are reduced to zero;

(iv) to Aggregate Group I, without regard to its Planned Balance and until the Aggregate I Balance is reduced to zero; and

PAC Group and Class

(v) to the LG Class, without regard to its Planned Balance and until its principal balance is reduced to zero.

"Aggregate Group I" consists of the DA, DB, DC, BA, BC, BD, BE and BG Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group I as follows:

- (a) 50% of such amount, sequentially, to the DA, DB and DC Classes, in that order, until their principal balances are reduced to zero, and
- (b) 50% of such amount, sequentially, to the BA, BC, BD, BE and BG Classes, in that order, until their principal balances are reduced to zero.

The "Aggregate I Balance" for any Distribution Date is equal to \$42,978,000 *minus* the sum of all amounts previously applied to it as specified above.

"Aggregate Group II" consists of the BU and BV Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group II, concurrently, to the BU and BV Classes, pro rata (or 50% and 50%, respectively), until their principal balances are reduced to zero.

The "Aggregate II Balance" for any Distribution Date is equal to \$4,000,000 minus the sum of all amounts previously applied to it as specified above.

Group 2 Principal Distribution Amount

On each Distribution Date, we will pay the Group 2 Principal Distribution Amount, concurrently, as principal of the FV and SV Classes, pro rata (or 70.5882359551% and 29.4117640449%, respectively), until their principal balances are reduced to zero.

Structured Collateral / Pass-Through Classes

Group 3 Principal Distribution Amount

Group 3 Cash Flow Distribution Amount

On each Distribution Date, we will pay the Group 3 Cash Flow Distribution Amount as principal of Aggregate Group III (described below), until the Aggregate III Balance (described below) is reduced to its Planned Balance for that Distribution Date.

PAC Grou ZJ Accrual Amount, JZ Accrual Amount and Remaining Group 3 Cash Flow Distribution Amount

On each Distribution Date, we will pay the ZJ Accrual Amount and JZ Accrual Amount, together with the Group 3 Cash Flow Distribution Amount remaining after giving effect to the payments described above, as principal of the Group 3 Classes in the following priority:

(i) if and only if the principal balance of the Group 3 MBS on that Distribution Non-Sticky Jump Date (after giving effect to distributions made on that date) is less than the Group 3 MBS First Specified Balance for that Distribution Date, an amount equal to the ZJ Support Class Class Specified Amount to the ZJ Class, until its principal balance is reduced to zero; Non-Sticky Jump/ Scheduled Group (ii) to Aggregate Group IV (described below), until the Aggregate IV Balance (described below) is reduced to its Scheduled Balance for that Distribution Date; Support Class (iii) to the ZJ Class, until its principal balance is reduced to zero; (iv) to Aggregate Group IV, without regard to its Scheduled Balance and until Scheduled Group the Aggregate IV Balance is reduced to zero; (v) to Aggregate Group III, without regard to its Planned Balance and until the Aggregate III Balance is reduced to zero; and Sequential-Pay (vi) to the HO Class, until its principal balance is reduced to zero.

"Aggregate Group III" consists of the LA, LB, LD and LC Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group III as follows:

first, to the LA Class, until its principal balance is reduced to zero;

second, concurrently, to the LB and LD Classes, pro rata (or 46.9322720382% and 53.0677279618%, respectively), until their principal balances are reduced to zero; and

third, to the LC Class, until its principal balance is reduced to zero.

The "Aggregate III Balance" for any Distribution Date is equal to \$299,702,000 minus the sum of all amounts previously applied to it as specified above.

"Aggregate Group IV" consists of the JA and JZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group IV, sequentially, to the JA and JZ Classes, in that order, until their principal balances are reduced to zero.

The "Aggregate IV Balance" for any Distribution Date is equal to \$105,969,000 plus the sum of all JZ Accrual Amounts up to and including that Distribution Date minus the sum of all amounts previously applied as principal of Aggregate Group IV.

The "ZJ Class Specified Amount" for any Distribution Date is equal to:

• the JZ Accrual Amount, the ZJ Accrual Amount and the Group 3 Cash Flow Distribution Amount remaining after giving effect to the payments specified under "Group 3 Cash Flow Distribution Amount" above

#### multiplied by

• a fraction, expressed as a positive percentage (not to exceed 99%), the numerator of which is equal to the principal balance of the Group 3 MBS on that Distribution Date (after giving effect to distributions made on that date) *minus* the Group 3 MBS First Specified

Balance for that Distribution Date, and the denominator of which is equal to the Group 3 MBS Second Specified Balance for that Distribution Date *minus* the Group 3 First Specified Balance for that Distribution Date.

#### Group 4 Principal Distribution Amount

On each Distribution Date, we will pay the Group 4 Principal Distribution Amount as principal of the Group 4 Classes in the following priority:

- (i) concurrently, to the KR and KF Classes, pro rata (or 68.75% and 31.25%, respectively), until their principal balances are reduced to zero; and
  - (ii) to the KJ Class, until its principal balance is reduced to zero.

Sequentia Pay Classes

#### Group 5 Principal Distribution Amount

On each Distribution Date, we will pay the Group 5 Principal Distribution Amount, concurrently, as principal of the SY and FX Classes, pro rata (or 25% and 75%, respectively), until their principal balances are reduced to zero.

Structured Collateral Pass-Through Classes

#### Group 6 Principal Distribution Amount

NZ Accrual Amount

On each Distribution Date, we will pay the NZ Accrual Amount as principal of Aggregate Group V (described below), without regard to its Scheduled Balance and until the Aggregate V Balance (described below) is reduced to zero.

Accretion Directed Group

ZK Accrual Amount, ZL Accrual Amount and Group 6 Cash Flow Distribution Amount

On each Distribution Date, we will pay the Group 6 Cash Flow Distribution Amount, together with the ZK Accrual Amount and the ZL Accrual Amount, as principal of the Group 6 Classes in the following priority:

(i) to Aggregate Group V, until the Aggregate V Balance is reduced to its Scheduled Balance for that Distribution Date;

Scheduled Group

Non-Sticky

Support Class

Support

- (ii) if and only if the principal balance of the Group 6 MBS on that Distribution Date (after giving effect to distributions made on that date) is *less* than the Group 6 MBS First Specified Balance for that Distribution Date, an amount equal to the ZL Class Specified Amount to the ZL Class, until its principal balance is reduced to zero;
- (iii) to the ZK Class, until its principal balance is reduced to its Targeted Balance for that Distribution Date;
  - (iv) to the ZL Class, until its principal balance is reduced to zero;
- (v) to the ZK Class, without regard to its Targeted Balance and until its principal balance is reduced to zero; and
- (vi) to Aggregate Group V, without regard to its Scheduled Balance and until the Aggregate V Balance is reduced to zero.

"Aggregate Group V" consists of the NA, NF and NZ Classes. On each Distribution Date, we will apply payments of principal of Aggregate Group V as follows:

first, concurrently, to the NA and NF Classes, pro rata (or 57.1428571429% and 42.8571428571%, respectively), until their principal balances are reduced to zero; and

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

The "Aggregate V Balance" for any Distribution Date is equal to \$225,000,000 plus the sum of all NZ Accrual Amounts up to and including that Distribution Date minus the sum of all amounts previously applied as principal of Aggregate Group V.

The "ZL Class Specified Amount" for any Distribution Date is equal to:

• the ZL Accrual Amount, the ZK Accrual Amount and the Group 6 Cash Flow Distribution Amount remaining after giving effect to the payments specified under clause (i) above

### multiplied by

• a fraction, expressed as a positive percentage (not to exceed 99%), the numerator of which is equal to the principal balance of the Group 6 MBS on that Distribution Date (after giving effect to distributions made on that date) minus the Group 6 MBS First Specified Balance for that Distribution Date, and the denominator of which is equal to the Group 6 MBS Second Specified Balance for that Distribution Date minus the Group 6 First Specified Balance for that Distribution Date.

Group 7 Principal Distribution Amount

On each Distribution Date, we will pay the Group 7 Principal Distribution Amount as principal of the Group 7 Classes in the following priority:

- (i) concurrently, to the GA and GF Classes, pro rata (or 78.5714281224% and 21.4285718776%, respectively), until their principal balances are reduced to zero; and
  - (ii) to the GJ Class, until its principal balance is reduced to zero.

rresponding RCR

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 actual characteristics of each pool of Mortgage Loans backing the Group 2 and Group 5 Underlying REMIC Certificates, the priority sequences affecting principal payments on the Group 2 and Group 5 Underlying REMIC Certificates and the following assumptions (such characteristics and assumptions, collectively, the "Pricing Assumptions"):

- the Mortgage Loans underlying the Trust 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 Trust 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 May 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 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 and Rates. 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 or at the applicable rates set forth below.

Principal Balance Schedule References	Related Groups and Classes (1)	Structuring Ranges and Rates
Planned Balances	LG Class	Between 100% and 250% PSA
Planned Balances	Aggregate Group I	Between 125% and 200% PSA
Targeted Balances	Aggregate Group II	(2)
Planned Balances	Aggregate Group III	Between 100% and 250% PSA
First Specified Balances	Group 3 MBS	251% PSA
Second Specified Balances	Group 3 MBS	350% PSA
Scheduled Balances	Aggregate Group IV	Between 208% and 250% PSA
Scheduled Balances	Aggregate Group V	(3)
First Specified Balances	Group 6 MBS	215% PSA
Second Specified Balances	Group 6 MBS	300% PSA
Targeted Balances	ZK Class	(2)

<sup>(1)</sup> The Structuring Ranges and Rate 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 or Class 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 or Class 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 or Class to its scheduled balance on a Distribution Date. Accordingly, the ability to reduce a Group or Class 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 and Class to their scheduled balances if the prepayments do not occur at a constant PSA rate. Moreover, because of the diverse remaining terms to maturity of the related Mortgage Loans, which may include recently originated Mortgage Loans, the Groups and Classes specified above may not be reduced to their scheduled balances, even if prepayments occur at a constant rate within the applicable Structuring Ranges or at the applicable rates specified above.

Initial Effective Ranges. The Effective Range for a Group or Class is the range of prepayment rates (measured by constant PSA rates) which would reduce that Group or Class to its scheduled

<sup>(2)</sup> The Targeted Balances for Aggregate Group II and the ZK Class have been structured at 145% PSA and 315% PSA, respectively, but do not hold at any constant percentage of PSA.

<sup>(3)</sup> The Scheduled Balances for Aggregate Group V have been structured between 220% and 360% PSA, but will have an Initial Effective Range (as defined below) between 259% and 322% PSA.

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.

Class and Groups	Initial Effective Ranges
LG Class	Between 100% and 250% PSA
Aggregate Group I	Between 125% and 200% PSA
Aggregate Group III	Between 100% and 250% PSA
Aggregate Group IV	Between 202% and 250% PSA
Aggregate Group V	Between 259% and 322% 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 and Class 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 and Class 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 and Scheduled Groups and PAC Class will be supported in part by the related TAC Group and Class and Support Classes. When the related TAC Group and Class and Support Classes are retired, the PAC and Scheduled Groups and PAC Class, 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 Fixed Rate Interest Only Classes. The yields to investors in the Fixed Rate Interest Only Classes will be very sensitive to the rate of principal payments (including prepayments) of the related Mortgage Loans. The Mortgage Loans generally can be prepaid at any time without penalty. On the basis of the assumptions described below, the yield to maturity on the Fixed Rate Interest Only Classes would be 0% if prepayments of the related Mortgage Loans were to occur at the constant rates shown in the table below:

Class	% PSA
LI	495% PSA
HI	617% PSA
IL	533% PSA

For any Fixed Rate Interest Only Class, if the actual prepayment rate of the related Mortgage Loans were to exceed the level specified for as little as one month while equaling that level for the remaining months, the investors in the applicable Class would lose money on their initial investments.

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

Class	Price*
Ш	13.3159%
HI	31.5000%
IL	13.1875%

<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 LI Class to Prepayments

		PSA Prepayment Assumption									
	50%	100%	208%	220%	250%	251%	252%	300%	350%	500%	800%
Pre-Tax Yields to Maturity	18.3%	13.5%	13.5%	13.5%	13.5%	13.5%	13.5%	11.8%	9.0%	(0.3)%	(18.6)%

### Sensitivity of the HI Class to Prepayments

	PSA Prepayment Assumption										
	$\boldsymbol{50\%}$	100%	208%	220%	250%	251%	252%	300%	350%	500%	800%
Pre-Tax Yields to Maturity	12.4%	12.1%	11.0%	10.8%	10.3%	10.3%	10.3%	9.3%	8.2%	4.0%	(7.3)%

### Sensitivity of the IL Class to Prepayments

	PSA Prepayment Assumption										
	50%	100%	208%	220%	$\underline{250\%}$	$\underline{251\%}$	$\underline{252\%}$	300%	350%	$\underline{500\%}$	800%
Pre-Tax Yields to Maturity	22.2%	16.7%	16.7%	16.7%	16.7%	16.7%	16.7%	15.1%	12.2%	2.2%	(17.3)%

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 DT, SV, KS, SY, UB, NS, GS, SU, SW and SX 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*
DT	103.21875%
DS	98.09375%
CS	95.76562%
BT	99.50000%
BS	96.50000%
SV	109.40623%
KS	11.25000%
SY	103.50000%
UB	17.50000%
NS	11.34375%
GS	12.95312%
SU	13.00000%
SW	101.00000%
SX	124.50000%

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 DT Class to Prepayments and LIBOR (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption								
LIBOR	<b>50</b> %	100%	$\boldsymbol{125\%}$	145%	170%	200%	250%	500%	800%
5.500% and below	19.9%	19.9%	19.9%	19.6%	19.2%	18.4%	17.6%	15.2%	13.1%
$5.825\%\dots\dots$	9.8%	9.8%	9.7%	9.6%	9.2%	8.5%	7.8%	5.9%	4.1%
6.150%	(0.1)%	(0.2)%	(0.2)%	(0.3)%	(0.5)%	(1.2)%	(1.7)%	(3.2)%	(4.6)%

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

	PSA Prepayment Assumption								
LIBOR	<b>50</b> %	100%	$\underline{125\%}$	145%	<b>170</b> %	200%	$\underline{250\%}$	500%	800%
0.32%	16.3%	16.3%	16.3%	16.4%	16.5%	16.6%	16.8%	17.2%	17.6%
$1.32\% \dots \dots \dots$	13.1%	13.1%	13.1%	13.2%	13.3%	13.5%	13.7%	14.2%	14.8%
$3.32\% \dots \dots \dots$	6.8%	6.8%	6.8%	6.9%	7.0%	7.3%	7.6%	8.4%	9.1%
5.50% and above	0.1%	0.1%	0.1%	0.2%	0.3%	0.7%	1.1%	2.1%	3.0%

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

	PSA Prepayment Assumption								
LIBOR	<b>50</b> %	100%	$\underline{125\%}$	$\overline{145\%}$	$\underline{170\%}$	$\underline{200\%}$	$\underline{250\%}$	$\overline{500\%}$	800%
0.3%	12.4%	12.4%	12.4%	12.4%	12.4%	12.5%	13.1%	14.2%	15.1%
1.3%	10.6%	10.6%	10.6%	10.6%	10.6%	10.7%	11.3%	12.5%	13.4%
3.3%	7.1%	7.1%	7.1%	7.1%	7.1%	7.2%	7.9%	9.1%	10.1%
5.3%	3.6%	3.6%	3.6%	3.6%	3.6%	3.7%	4.4%	5.7%	6.7%
5.5%	3.2%	3.2%	3.3%	3.3%	3.3%	3.4%	4.1%	5.4%	6.4%

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

	PSA Prepayment Assumption								
LIBOR	<b>50</b> %	100%	$\underline{125\%}$	145%	<b>170</b> %	200%	$\underline{250\%}$	500%	800%
5.500% and below	10.2%	10.2%	10.2%	10.2%	10.2%	10.2%	10.1%	10.1%	10.0%
$5.825\%\dots\dots$	5.1%	5.1%	5.1%	5.1%	5.1%	5.1%	5.1%	5.2%	5.3%
6.150%	0.0%	0.0%	0.0%	0.0%	0.0%	0.1%	0.2%	0.4%	0.6%

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

	PSA Prepayment Assumption								
LIBOR	<b>50</b> %	100%	$\underline{125\%}$	$\underline{145\%}$	170%	200%	250%	500%	800%
0.32%	18.4%	18.4%	18.5%	18.5%	18.6%	18.8%	19.2%	20.3%	21.1%
1.32%	14.8%	14.8%	14.8%	14.9%	15.0%	15.2%	15.7%	16.8%	17.8%
3.32%	7.7%	7.7%	7.7%	7.8%	7.9%	8.1%	8.7%	10.1%	11.1%
5.50% and above	0.1%	0.2%	0.2%	0.2%	0.3%	0.5%	1.3%	2.8%	4.1%

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

	PSA Prepayment Assumption								
LIBOR	50%	500%	986%	$\underline{1500\%}$	2000%				
0.3%	16.3%	15.3%	13.1%	8.4%	(11.7)%				
1.3%	13.9%	12.9%	10.8%	6.2%	(13.4)%				
3.3%	9.3%	8.3%	6.2%	1.9%	(16.7)%				
5.3%	4.7%	3.7%	1.7%	(2.4)%	(20.0)%				
7.5%	(0.3)%	(1.4)%	(3.2)%	(7.1)%	(23.6)%				

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

**PSA Prepayment Assumption** 

LIBOR	<b>50</b> %	200%	447%	600%	800%					
0.28%	58.2%	50.7%	37.6%	29.1%	18.0%					
1.28%	47.3%	39.5%	25.6%	16.6%	5.1%					
3.28%	25.7%	16.9%	0.8%	(9.4)%	(22.4)%					
5.28%	2.4%	(8.0)%	(27.9)%	(40.3)%	(55.4)%					
7.10%	*	*	*	*	*					

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

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

**PSA Prepayment Assumption** 

	1 STI I Topuy mont Tissumption									
LIBOR	50%	500%	986%	1500%	2000%					
0.30%	13.1%	12.8%	12.1%	10.6%	1.3%					
1.30%	11.3%	10.9%	10.3%	8.8%	0.0%					
3.30%	7.7%	7.3%	6.7%	5.4%	(2.8)%					
5.30%	4.1%	3.8%	3.2%	2.0%	(5.4)%					
7.65%	(0.1)%	(0.4)%	(0.9)%	(1.9)%	(8.5)%					

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

PSA Prepayment Assumption

	1 SA 1 repayment Assumption									
LIBOR	50%	500%	986%	1500%	2000%					
0.30%	45.7%	40.1%	14.8%	(51.9)%	*					
1.30%	39.1%	32.6%	5.9%	(61.1)%	*					
3.30%	26.3%	17.0%	(12.9)%	(80.5)%	*					
5.30%	13.4%	(0.4)%	(34.3)%	*	*					
7.65%	*	*	*	*	*					

<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

	1 SA 1 Tepayment Assumption										
LIBOR	<b>50</b> %	100%	215%	216%	220%	275%	300%	315%	360%	500%	800%
0.28%	59.6%	57.0%	50.8%	50.8%	50.6%	49.5%	49.5%	49.5%	49.2%	44.9%	32.2%
$1.28\% \dots \dots \dots$	48.9%	46.1%	39.8%	39.7%	39.5%	38.4%	38.4%	38.4%	38.2%	33.3%	19.8%
$3.28\% \dots \dots \dots$	27.7%	24.5%	17.8%	17.8%	17.6%	16.7%	16.7%	16.7%	16.1%	10.1%	(5.5)%
$5.28\% \dots \dots \dots$	5.3%	1.5%	(5.0)%	(5.0)%	(5.1)%	(5.6)%	(5.6)%	(5.6)%	(6.7)%	(14.5)%	(33.0)%
7.10%	*	*	*	*	*	*	*	*	*	*	*

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

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

**PSA Prepayment Assumption** 

LIBOR	<b>50</b> %	200%	447%	600%	800%					
0.28%	48.7%	41.5%	28.8%	20.5%	9.5%					
1.28%	39.5%	32.0%	18.8%	10.1%	(1.5)%					
$3.28\% \dots \dots$	20.8%	12.8%	(2.0)%	(11.7)%	(24.7)%					
$5.28\% \ldots \ldots$	0.3%	(8.5)%	(25.8)%	(37.5)%	(52.6)%					
$7.10\% \ldots \ldots$	*	*	*	*	*					

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

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

**PSA Prepayment Assumption** 

LIBOR	50%	500%	986%	1500%	2000%					
0.3%	61.8%	58.2%	27.4%	(62.3)%	*					
1.3%	52.7%	47.8%	14.2%	(75.7)%	*					
3.3%	34.9%	26.2%	(14.5)%	*	*					
5.3%	17.6%	0.7%	(49.4)%	*	*					
7.5%	*	*	*	*	*					

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

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

**PSA Prepayment Assumption** 

	1 SA 1 repayment Assumption									
LIBOR	50%	500%	986%	1500%	2000%					
0.3%	12.8%	12.7%	12.4%	11.8%	9.2%					
$1.3\%\dots\dots$	11.0%	10.9%	10.6%	10.1%	7.8%					
$3.3\%\dots$	7.4%	7.3%	7.1%	6.7%	5.0%					
$5.3\%\dots\dots$	3.8%	3.8%	3.7%	3.4%	2.2%					
$7.5\% \dots \dots$	0.0%	0.0%	(0.1)%	(0.2)%	(0.8)%					

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

**PSA Prepayment Assumption** 

			F /	P	
LIBOR	50%	500%	986%	1500%	2000%
0.30%	18.3%	16.5%	12.4%	3.4%	(45.8)%
$1.30\%\dots$	15.7%	13.8%	9.8%	0.9%	(47.5)%
3.30%	10.6%	8.6%	4.6%	(4.0)%	(50.7)%
$5.30\%\dots$	5.4%	3.3%	(0.6)%	(8.9)%	(53.9)%
$7.65\%\dots$	(0.8)%	(2.8)%	(6.6)%	(14.5)%	(57.6)%

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

The information shown in the yield table has been prepared on the basis of the Pricing Assumptions and the assumption that the aggregate purchase price of the HO Class (expressed as a percentage of its original principal balance) is as follows:

Class	Price
НО	68.03694%

### Sensitivity of the HO Class to Prepayments

				PS	SA Prep	ayment	Assump	tion			
	50%	100%	208%	220%	250%	251%	252%	300%	350%	500%	800%
Pre-Tax Yields to Maturity	2.8%	2.9%	3.3%	3.3%	3.4%	3.4%	3.5%	3.7%	4.0%	5.0%	7.4%

#### 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 Group 1, Group 3, Group 4, Group 6 and Group 7 Classes,
- in the case of the Group 2 and Group 5 Classes, the priority sequences affecting principal payments on the related Underlying REMIC Certificates, and
- in the case of the Group 1, Group 3 and Group 6 Classes, the payment of principal of certain Classes in accordance with the Principal Balance Schedules.

See "—Distributions of Principal" above and "Description of the Certificates—Distributions of Principal" in the Underlying REMIC Disclosure Document.

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 <u>Maturity</u>	Interest Rates
Group 1 MBS	360 months	360 months	8.00%
Group 2 Underlying REMIC Certificate	360 months	341 months	8.50%
Group 3 MBS	180 months	180 months	7.25%
Group 4 MBS	180 months	180 months	7.25%
Group 5 Underlying REMIC Certificates	360 months	340 months	9.00%
Group 6 MBS	240 months	240 months	8.00%
Group 7 MBS	180 months	180 months	7.25%

#### 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

					LG Cla	SS									DA Cla	ıss			
					A Prepa Assumpt									PSA A	A Prepa Assumpt	yment tion			
Date	0%	100%	$\underline{125\%}$	$\underline{145\%}$	$\underline{170\%}$	200%	250%	500%	800%		0%	$\underline{100\%}$	125%	$\underline{145\%}$	$\underline{170\%}$	$\underline{200\%}$	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100
May 2004	99	96	96	96	96	96	96	96	96		100	100	93	93	93	93	93	93	93
May 2005	98	89	89	89	89	89	89	89	79		100	100	78	78	78	78	78	78	0
May 2006	96	79	79	79	79	79	79	69	41		100	100	59	59	59	59	59	0	0
May 2007	95	70	70	70	70	70	70	47	21		100	100	42	42	42	42	42	0	0
May 2008	93	62	62	62	62	62	62	33	11		100	100	29	29	29	29	29	0	0
May 2009	91	54	54	54	54	54	54	22	5		100	100	19	19	19	19	3	0	0
May 2010	89	47	47	47	47	47	47	15	3		100	100	11	11	11	11	0	0	0
May 2011	87	40	40	40	40	40	40	11	1		100	100	5	5	5	5	0	0	0
May 2012	85	33	33	33	33	33	33	7	1		100	100		•			0	0	0
May 2013	83	27	27	27	27	27	27	5	*		100	95	0	0	0	0	0	0	0
May 2014	80	23	23	23	23	23	23	3	*		100	83	0	0	0	0	0	0	0
May 2015	77	19	19	19	19	19	19	2	•		100	67	0	0	0	0	0	0	0
May 2016	74	15	15	15	15	15	15	2			100	47	0	0	0	0	0	0	0
May 2017	71	13	13	13	13	13	13	1	*		100	24	0	0	0	0	0	0	0
May 2018	67	10	10	10	10	10	10	1	•		100	0	0	0	0	0	0	0	0
May 2019	64	8	8	8	8	8	8	*	*		100	0	0	0	0	0	0	0	0
May 2020	59	7	7	7	7	7	7	*	*		100	0	0	0	0	0	0	0	0
May 2021	55	5	5	5	5	5	5	*	*		100	0	0	0	0	0	0	0	0
May 2022	50	4	4	4	4	4	4	**	*		100	0	0	0	0	0	0	0	0
May 2023	45	3	3	3	3	3	3	*	*		100	0	0	0	0	0	0	0	0
May 2024	39	3	3	3	3	3	3	*	*		100	0	0	0	0	0	0	0	0
May 2025	33	2	2	2	2	2	2	*	*		100	0	0	0	0	0	0	0	0
May 2026	26	2	2	2	2	2	2	*	*		100	0	0	0	0	0	0	0	0
May 2027	18	1	1	1	1	1	1	*	*		100	0	0	0	0	0	0	0	0
May 2028	11	1	1	1	1	1	1	*			100	0	0	0	0	0	0	0	0
May 2029	2	1	1	1	1	1	1	*	*		100	0	0	0	0	0	0	0	0
May 2030	*	*		***			**				12	0	0	0	0	0	0	0	0
May 2031	*	*	*	*	*	*	*	*	0		0	0	0	0	0	0	0	0	0
May 2032	*	*	*	*	*	*	*	*	0		0	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
Weighted Average							_		_						_	_	_		
Life (years)**	17.4	7.7	7.7	7.7	7.7	7.7	7.7	4.6	3.1	2	26.7	12.7	3.9	3.9	3.9	3.9	3.6	2.0	1.5

<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.

					DB Cla									DC Cla				
					Prepa									A Prepa				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	125%	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2005	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100	100	0
	100	100	100	100	100	100	100	0	0	100		100	100	100	100	100	0	0
May 2007		100	100	100	100	100	100	0	0	100		100	100	100	100	100	0	0
	100	100	100	100	100	100	100	0	0	100		100	100	100	100	100	0	0
	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2010	100	100	100	100	100	100	0	0	0	100		100	100	100	100	81	0	0
May 2011	100	100	100	100	100	100	0	0	0	100		100	100	100	100	15	0	0
May 2012	100	100	100	100	100	100	0	0	0	100		100	100	100	100	*	0	0
May 2013	100	100	70	70	70	70	0	0	0	100		100	100	100	100	*	0	0
May 2014	100	100	30	30	30	30	0	0	0	100		100	100	100	100	*	0	0
	100	100	0	0	0	0	0	0	0	100		86	86	86	86	*	0	0
		100	0	0	0	0	0	0	0	100		42	42	42	42	*	0	0
	100	100	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
	100	97	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2019	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2020	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2021	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2022	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2023	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
		0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2025		0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2027	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2028	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2029	100	0	0	0	0	0	0	0	0	100		0	0	0	0	*	0	0
May 2030	100	0	0	0	0	0	0	0	0	100	-	0	0	0	0	*	0	0
May 2031	0	0	0	0	0	0	0	0	0	(		0	0	0	0	*	0	0
May 2032	0	0	0	0	0	0	0	0	0	(		0	0	0	0	*	0	0
May 2033	0	0	0	0	0	0	0	0	0	(	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	27.2	15.4	10.5	10.5	10.5	10.5	6.5	2.4	1.7	27.4	16.1	12.8	12.8	12.8	12.8	7.5	2.4	1.7

				DG, DJ	I and D	H Class	es						DF, D	Γand D	S Class	ses		
					A Prepa									A Prepa				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	125%	145%	$\boldsymbol{170\%}$	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100	100	97	94	90	83	48	6
May 2005	100	100	100	100	100	100	100	5	0	100	100	100	91	80	67	45	0	0
May 2006	100	100	100	100	100	100	100	0	0	100	100	100	83	63	39	0	0	0
May 2007	100	100	100	100	100	100	48	0	0	100	100	100	77	49	17	0	0	0
May 2008	100	100	100	100	100	100	11	0	0	100	100	100	72	39	1	0	0	0
May 2009	100	100	100	100	100	84	0	0	0	100	100	100	68	31	0	0	0	0
May 2010	100	100	100	100	100	73	0	0	0	100	100	100	66	26	0	0	0	0
May 2011	100	100	100	100	100	67	0	0	0	100	100	100	64	23	0	0	0	0
May 2012	100	100	100	100	100	65	0	0	0	100	100	100	63	21	0	0	0	0
May 2013	100	100	100	100	100	65	0	0	0	100	100	99	62	20	0	0	0	0
May 2014	100	100	100	100	100	65	0	0	0	100	100	96	59	19	0	0	0	0
May 2015	100	100	100	100	100	65	0	0	0	100	100	92	56	17	0	0	0	0
May 2016	100	100	100	100	100	65	0	0	0	100	100	87	52	14	0	0	0	0
May 2017	100	100	100	100	100	64	0	0	0	100	100	81	47	11	0	0	0	0
May 2018	100	100	100	100	100	58	0	0	0	100	100	70	38	4	0	0	0	0
May 2019	100	100	100	100	96	51	0	0	0	100	100	59	28	0	0	0	0	0
May 2020	100	100	100	100	86	45	0	0	0	100	91	47	19	0	0	0	0	0
	100	100	100	100	75	39	0	0	0	100	78	36	10	0	0	0	0	0
	100	100	100	100	66	34	0	0	0	100	64	25	1	0	0	0	0	0
May 2023	100	100	100	89	57	29	0	0	0	100	50	15	0	0	0	0	0	0
May 2024	100	100	100	77	48	24	0	0	0	100	36	4	0	0	0	0	0	0
May 2025	100	100	92	65	41	20	0	0	0	100	23	0	0	0	0	0	0	0
May 2026	100	100	77	54	33	16	0	0	0	100	10	0	0	0	0	0	0	0
May 2027	100	97	63	44	27	13	0	0	0	100	0	0	0	0	0	0	0	0
May 2028	100	78	51	35	21	10	0	0	0	100	0	0	0	0	0	0	0	0
May 2029	100	60	38	26	16	7	0	0	0	100	0	0	0	0	0	0	0	0
May 2030	100	43	27	18	11	5	0	0	0	100	0	0	0	0	0	0	0	0
May 2031	100	27	17	11	6	3	0	0	0	67	0	0	0	0	0	0	0	0
May 2032	100	11	7	5	3	1	0	0	0	4	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	29.6	26.7	25.3	23.8	21.4	15.2	4.1	1.8	1.3	28.3	20.1	16.6	11.1	5.6	2.7	1.8	0.9	0.7

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

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

				DL, BN	and B	M Class	ses							DM Cla	ass			
					Prepa ssumpt									A Prepa				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	125%	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	96	92	86	77	32	0	100	100	100	100	100	100	100	100	0
May 2005	100	100	100	88	74	56	28	0	0	100	100	100	100	100	100	100	0	0
May 2006	100	100	100	78	51	20	0	0	0	100	100	100	100	100	100	0	0	0
May 2007		100	100	70	33	0	0	0	0	100	100	100	100	100	28	0	0	0
May 2008		100	100	64	20	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2009		100	100	59	10	0	0	0	0	100	100	100	100	100	0	0	0	0
	100	100	100	55	3	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2011	100	100	100	53	0	0	0	0	0	100	100	100	100	92	0	0	0	0
May 2012	100	100	100	52	0	0	0	0	0	100	100	100	100	75	0	0	0	0
May 2013	100	100	99	50	0	0	0	0	0	100	100	100	100	64	0	0	0	0
May 2014	100	100	95	47	0	0	0	0	0	100	100	100	100	46	0	0	0	0
May 2015	100	100	90	42	0	0	0	0	0	100	100	100	100	24	0	0	0	0
May 2016	100	100	83	37	0	0	0	0	0	100	100	100	100	0	0	0	0	0
	100	100	75	30	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2018		100	61	18	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2019	100	100	46	6	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2020		89	31	0	0	0	0	0	0	100	100	100	50	0	0	0	0	0
May 2021	100	71	16	0	0	0	0	0	0	100	100	100	0	0	0	0	0	0
May 2022	100	52	2	0	0	0	0	0	0	100	100	100	0	0	0	0	0	0
May 2023	100	34	0	0	0	0	0	0	0	100	100	2	0	0	0	0	0	0
May 2024	100	17	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
May 2025	100	0	0	0	0	0	0	0	0	100	93	0	0	0	0	0	0	0
May 2026	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2027		0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
		0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2029	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2030	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2031	57	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	28.1	19.2	15.5	9.0	3.4	2.1	1.5	0.8	0.6	28.8	22.3	19.6	17.0	10.6	3.9	2.6	1.3	0.9

					DP Cla	ISS								DU Cla	ass			
					A Prepa Assumpt									A Prepa				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	09	100%	125%	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	20	100		100	100	100	100	100	100	100
May 2005	100	100	100	100	100	100	100	0	0	100		100	100	100	100	100	0	0
May 2006	100	100	100	100	100	100	0	0	0	100		100	100	100	100	60	0	0
May 2007	100	100	100	100	100	100	0	0	0	100		100	100	100	100	0	0	0
May 2008	100	100	100	100	100	0	0	0	0	100	100	100	100	100	73	0	0	0
May 2009	100	100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2010		100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2011	100	100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2012	100	100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2013	100	100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2014	100	100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2015	100	100	100	100	100	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2016	100	100	100	100	98	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2017	100	100	100	100	71	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2018	100	100	100	100	6	0	0	0	0	100	100	100	100	100	0	0	0	0
May 2019	100	100	100	100	0	0	0	0	0	100	100	100	100	36	0	0	0	0
May 2020	100	100	100	100	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2021	100	100	100	59	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2022	100	100	100	0	0	0	0	0	0	100	100	100	76	0	0	0	0	0
May 2023	100	100	100	0	0	0	0	0	0	100	100	100	0	0	0	0	0	0
May 2024	100	100	7	0	0	0	0	0	0	100	100	100	0	0	0	0	0	0
May 2025	100	100	0	0	0	0	0	0	0	100	100	8	0	0	0	0	0	0
May 2026	100	60	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
May 2027	100	0	0	0	0	0	0	0	0	100	40	0	0	0	0	0	0	0
May 2028	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2029	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2030	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2031	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2032	6	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0	(	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	29.0	23.1	20.6	18.1	14.3	4.5	2.8	1.4	1.0	29.	23.9	21.6	19.3	15.8	5.2	3.1	1.5	1.1

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

		C	F, CS, 1	DW, DE	K, DY, 1	BL and	BK Cla	sses						BA Cla	ıss			
					A Prepa									A Prepa				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	$\boldsymbol{125\%}$	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100	91	91	91	91	91	91	91
May 2005	100	100	100	100	100	100	100	5	0	100	100	71	71	71	71	71	71	0
May 2006	100	100	100	100	100	100	100	0	0	100	100	45	45	45	45	45	0	0
May 2007	100	100	100	100	100	100	53	0	0	100	100	24	24	24	24	24	0	0
May 2008	100	100	100	100	100	100	12	0	0	100	100	6	6	6	6	6	0	0
May 2009	100	100	100	100	100	93	0	0	0	100	100	0	0	0	0	0	0	0
May 2010	100	100	100	100	100	81	0	0	0	100	100	0	0	0	0	0	0	0
May 2011	100	100	100	100	100	$^{74}$	0	0	0	100	100	0	0	0	0	0	0	0
May 2012	100	100	100	100	100	72	0	0	0	100	100	0	0	0	0	0	0	0
May 2013	100	100	100	100	100	72	0	0	0	100	93	0	0	0	0	0	0	0
May 2014	100	100	100	100	100	72	0	0	0	100	77	0	0	0	0	0	0	0
May 2015	100	100	100	100	100	72	0	0	0	100	56	0	0	0	0	0	0	0
May 2016		100	100	100	100	72	0	0	0	100	29	0	0	0	0	0	0	0
May 2017	100	100	100	100	100	71	0	0	0	100	0	0	0	0	0	0	0	0
May 2018	100	100	100	100	100	64	0	0	0	100	0	0	0	0	0	0	0	0
May 2019		100	100	100	100	57	0	0	0	100	0	0	0	0	0	0	0	0
		100	100	100	95	50	0	0	0	100	0	0	0	0	0	0	0	0
May 2021	100	100	100	100	83	43	0	0	0	100	0	0	0	0	0	0	0	0
May 2022	100	100	100	100	73	37	0	0	0	100	0	0	0	0	0	0	0	0
May 2023	100	100	100	99	63	32	0	0	0	100	0	0	0	0	0	0	0	0
May 2024	100	100	100	85	54	27	0	0	0	100	0	0	0	0	0	0	0	0
May 2025	100	100	100	72	45	22	0	0	0	100	0	0	0	0	0	0	0	0
	100	100 100	85 70	60 49	37 30	18	0	0	0	100 100	0	0	0	0	0	0	0	0
May 2027		86		39	23	14 11	0	0	0	100	0	0	0	0	0	0	0	0
May 2028	100	66	56 43	29	23 17	8	0	0	0	100	0	0	0	0	0	0	0	0
	100	47	30	29	12	6	0	0	0	100	0	0	0	0	0	0	0	0
May 2031	100	29	18	12	7	3	0	0	0	0	0	0	0	0	0	0	0	0
May 2032	100	12	8	5	3	ე 1	0	0	0	0	0	0	0	0	0	0	0	0
May 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Life (years)**	29.6	26.9	25.6	24.2	21.9	16.2	4.2	1.8	1.3	26.6	12.1	2.9	2.9	2.9	2.9	2.9	1.9	1.4

					BC Cla	ss								BD Cla	ıss			
					Prepa									Prepa				
					ssumpt									ssump				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	$\boldsymbol{125\%}$	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2005	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100	100	0
May 2006	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2007	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2008		100	100	100	100	100	100	Õ	Ō	100	100	100	100	100	100	100	Õ	Ō
May 2009		100	46	46	46	46	0	0	0	100	100	100	100	100	100	37	0	0
May 2010		100	0	0	0	0	0	Ō	Ō	100	100	81	81	81	81	0	0	Ō
May 2011		100	Ō	Õ	Õ	Õ	Ō	Õ	Õ	100	100	45	45	45	45	Õ	Õ	Ō
May 2012	100	100	0	0	0	0	0	0	0	100	100	19	19	19	19	0	0	0
May 2013	100	100	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
May 2014	100	100	Ō	Õ	Õ	Õ	Ō	Õ	Õ	100	100	Õ	Õ	Ō	Õ	Õ	Õ	Ō
May 2015	100	100	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
May 2016	100	100	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
May 2017	100	94	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0
May 2018	100	0	0	0	0	0	0	0	0	100	13	0	0	0	0	0	0	0
May 2019	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2020	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2021	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2022	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2023	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2024	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2025	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2026	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2027	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2028	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2029	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2030	0	0	0	0	0	0	0	0	0	91	0	0	0	0	0	0	0	0
May 2031	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average																		
Life (years)**	27.0	14.2	6.0	6.0	6.0	6.0	5.6	2.3	1.6	27.1	14.8	8.0	8.0	8.0	8.0	6.0	2.3	1.7

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

					BE Cla	ss								BG Cla	ıss			
					Prepa								PSA	A Prepa Assump	yment tion			
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	125%	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2005	100	100	100	100	100	100	100	100	0	100	100	100	100	100	100	100	100	0
May 2006	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2007	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2008	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2009	100	100	100	100	100	100	100	0	0	100	100	100	100	100	100	100	0	0
May 2010	100	100	100	100	100	100	0	0	0	100	100	100	100	100	100	87	0	0
May 2011	100	100	100	100	100	100	0	0	0	100	100	100	100	100	100	16	0	0
	100	100	100	100	100	100	0	0	0	100	100	100	100	100	100	*	0	0
	100	100	84	84	84	84	0	0	0	100	100	100	100	100	100	*	0	0
May 2014	100	100	41	41	41	41	0	0	0	100	100	100	100	100	100	*	0	0
May 2015	100	100	0	0	0	0	0	Ō	Õ	100	100	93	93	93	93	*	Õ	Õ
May 2016	100	100	Ō	Ō	Ō	Õ	0	0	Ō	100	100	46	46	46	46	*	Õ	Õ
May 2017	100	100	Ō	Ō	Ō	Õ	0	0	0	100	100	0	0	0	0	*	Õ	Õ
May 2018	100	100	Õ	Õ	Ō	Õ	0	Ō	Õ	100	100	Õ	Ō	0	Õ	*	Õ	Õ
May 2019	100	0	Ō	Ō	Ō	Õ	0	0	Ō	100	58	0	0	0	0	*	Õ	Õ
May 2020	100	Ō	Ō	Ō	Ō	Õ	0	0	0	100	0	0	0	0	0	*	Õ	Ō
May 2021	100	ő	ő	ő	ő	ő	Õ	ŏ	ŏ	100	ŏ	ő	Ŏ	Õ	ő	*	ŏ	ŏ
May 2022	100	Ō	Ō	Ō	Ō	Õ	0	0	Ō	100	0	0	0	0	0	*	Õ	Õ
May 2023	100	Õ	Ō	Ō	Ō	Õ	0	0	Ō	100	Ō	0	0	0	0	*	Õ	Õ
May 2024		Õ	Õ	Õ	Ō	Õ	0	Ō	Õ	100	Ō	Õ	Ō	0	Õ	*	Õ	Õ
May 2025		0	0	0	0	0	0	0	0	100	0	0	0	0	0	*	0	0
May 2026		0	0	0	0	0	0	0	0	100	0	0	0	0	0	*	0	0
May 2027	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	*	0	0
May 2028	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	*	0	0
May 2029	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	*	0	0
May 2030	100	Õ	Õ	Õ	Õ	Õ	Ō	Ō	Õ	100	Õ	Õ	Ō	Ō	Õ	*	Õ	Õ
May 2031	0	Õ	Ō	Ō	Õ	Õ	0	0	Õ	0	Ō	Ō	0	0	Ō	*	Õ	Õ
May 2032	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0
May 2033	Ō	Õ	Ō	Ō	Ō	Õ	0	Ō	Ō	Ō	Ō	Ō	Ō	0	Ō	0	Õ	Ō
Weighted Average																		
Life (years)**	27.2	15.4	10.8	10.8	10.8	10.8	6.5	2.4	1.7	27.4	16.1	12.9	12.9	12.9	12.9	7.5	2.5	1.7

					BH Cla	SS									BJ Cla	SS			
					A Prepa Assumpt										A Prepa				
Date	0%	100%	$\underline{125\%}$	$\underline{145\%}$	$\underline{170\%}$	200%	250%	500%	800%		0%	$\underline{100\%}$	125%	$\underline{145\%}$	170%	$\underline{200\%}$	$\underline{250\%}$	500%	800%
	100	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	100
	100	100	100	97	93	88	80	39	0		100	100	100	100	100	100	100	100	59
	100	100	100	90	76	61	35	0	0		100	100	100	100	100	100	100	0	0
	100	100	100	80	57	28	0	0	0		100	100	100	100	100	100	29	0	0
	100	100	100	73	41	3	0	0	0		100	100	100	100	100	100	0	0	0
May 2008	100	100	100	67	28	0	0	0	0		100	100	100	100	100	35	0	0	0
May 2009	100	100	100	63	20	0	0	0	0		100	100	100	100	100	0	0	0	0
May 2010	100	100	100	60	14	0	0	0	0		100	100	100	100	100	0	0	0	0
May 2011		100	100	58	10	0	0	0	0		100	100	100	100	100	0	0	0	0
	100	100	100	57	8	0	0	0	0		100	100	100	100	100	0	0	0	0
	100	100	99	55	7	0	0	0	0		100	100	100	100	100	0	0	0	0
	100	100	96	52	5	0	0	0	0		100	100	100	100	100	0	0	0	0
	100	100	91	48	3	0	0	0	0		100	100	100	100	100	0	0	0	0
	100	100	85	44	0	0	0	0	0		100	100	100	100	99	0	0	0	0
	100	100	78	38	0	0	0	0	0		100	100	100	100	85	0	0	0	0
	100	100	65	27	0	0	0	0	0		100	100	100	100	51	0	0	0	0
	100	100	52	16	0	0	0	0	0		100	100	100	100	17	0	0	0	0
	100	90	39	5	0	0	0	0	0		100	100	100	100	0	0	0	0	0
	100	74	25	0	0	0	0	0	0		100	100	100	79	0	0	0	0	0
	100	57	13	0	0	0	0	0	0		100	100	100	36	0	0	0	0	0
	100	41	*	0	0	0	0	0	0		100	100	100	0	0	0	0	0	0
May 2024		25	0	0	0	0	0	0	0		100	100	51	0	0	0	0	0	0
	100	10	0	0	0	0	0	0	0		100	100	4	0	0	0	0	0	0
	100	0	0	0	0	0	0	0	0		100	79	0	0	0	0	0	0	0
	100	0	0	0	0	0	0	0	0		100	19	0	0	0	0	0	0	0
	100	0	0	0	0	0	0	0	0		100	0	0	0	0	0	0	0	0
	100	0	0	0	0	0	0	0	0		100	0	0	0	0	0	0	0	0
	100	0	0	0	0	0	0	0	0		100	0	0	0	0	0	0	0	0
May 2031	62	0	0	0	0	0	0	0	0		100	0	0	0	0	0	0	0	0
May 2032	0	0	0	0	0	0	0	0	0		51	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0
Weighted Average Life (years)** 2	28.2	19.5	15.9	9.8	4.1	2.3	1.7	0.9	0.6	2	9.0	23.5	21.1	18.7	15.0	4.8	2.9	1.5	1.0

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

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

				BU a	nd BV	Classes								BW Cla	ıss			
				PSA A	Prepa ssumpt	yment ion								Prepa				
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	100%	125%	145%	170%	200%	250%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	96	95	95	95	49	0	100	100	100	100	84	60	20	0	0
May 2005	100	100	100	87	83	76	44	0	0	100	100	100	100	49	0	0	0	0
May 2006	100	100	100	76	69	35	0	0	0	100	100	100	100	6	0	0	0	0
May 2007	100	100	100	66	51	4	0	0	0	100	100	100	100	0	0	0	0	0
May 2008	100	100	100	59	36	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2009	100	100	100	54	25	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2010	100	100	100	50	17	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2011		100	100	47	12	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2012	100	100	100	46	10	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2013	100	100	99	44	9	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2014	100	100	95	41	6	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2015	100	100	89	36	3	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2016	100	100	81	30	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2017	100	100	72	22	0	0	0	0	0	100	100	100	100	0	0	0	0	0
May 2018	100	100	56	9	Õ	Õ	Õ	Õ	Õ	100	100	100	100	Õ	Õ	Õ	Õ	Ō
May 2019	100	100	40	0	0	0	0	0	0	100	100	100	81	0	0	0	0	0
May 2020	100	88	23	0	0	Ō	Ō	Õ	Ō	100	100	100	27	Ō	Õ	Ō	0	Ō
May 2021	100	67	7	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	100	100	100	- i	ŏ	ŏ	ŏ	ŏ	ŏ
May 2022	100	47	Ó	0	0	Ō	Ō	Õ	Ō	100	100	63	Õ	Ō	Õ	Ō	0	Ō
May 2023	100	27	Ō	0	0	Ō	Ō	Ō	Ō	100	100	1	Õ	Ō	Õ	Ō	Ō	Ō
May 2024		7	Ō	Ō	Ō	Ō	Õ	Õ	Õ	100	100	0	Õ	Ō	Õ	Õ	Ō	Ō
	100	0	0	0	0	Ō	Ō	Õ	Ō	100	50	Ō	Õ	Ō	Õ	Ō	0	Ō
May 2026		Ō	0	0	0	Ō	Ō	Õ	Ō	100	0	Ō	Õ	Ō	Õ	Ō	0	Ō
May 2027	100	Õ	Ō	Ō	Ō	Ō	Õ	Õ	Õ	100	Ō	Ō	Õ	Ō	Õ	Õ	Ō	Ō
May 2028	100	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2029	100	Ō	0	0	0	Ō	Ō	Õ	Ō	100	Ō	Ō	Õ	Ō	Õ	Ō	Ō	Ō
May 2030	100	Õ	Ō	Ō	Ō	Ō	Ō	Õ	Õ	100	Ō	Ō	Õ	Ō	Õ	Õ	Ō	Ō
May 2031	52	0	0	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0
May 2032	0	Ō	0	0	Ō	Ō	Ō	Õ	Ō	0	Ō	Ō	Õ	Ō	Õ	Ō	Ō	Ō
May 2033	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
Weighted Average																		
Life (years)**	28.0	18.9	15.1	8.1	4.7	2.6	1.9	1.0	0.7	28.7	22.0	19.2	16.6	1.9	1.1	0.7	0.3	0.2

				BF, B	T and BS	S Classes					FV, SV,	SU† and	SW Class	ses
					A Prepay Assumpti						PS	SA Prepa Assumpt		
Date	0%	100%	125%	145%	170%	200%	250%	500%	800%	0%	500%	986%	1500%	2000%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	98	96	94	89	68	43	100	100	100	68	0
May 2005	100	100	100	95	88	80	66	2	0	100	100	97	0	0
May 2006	100	100	100	90	77	63	39	0	0	100	100	9	0	0
May 2007		100	100	86	69	49	19	0	0	100	100	0	0	0
May 2008	100	100	100	83	63	40	4	0	0	100	83	0	0	0
May 2009	100	100	100	81	58	33	0	0	0	100	41	0	0	0
May 2010	100	100	100	79	55	29	0	0	0	100	12	0	0	0
May 2011	100	100	100	78	53	26	0	0	0	100	0	0	0	0
May 2012	100	100	100	78	52	25	0	0	0	100	0	0	0	0
May 2013	100	100	99	77	52	25	0	0	0	100	0	0	0	0
May 2014	100	100	98	75	51	25	0	0	0	100	0	0	0	0
May 2015		100	95	73	49	25	0	0	0	100	0	0	0	0
May 2016	100	100	92	71	48	25	0	0	0	100	0	0	0	0
May 2017	100	100	88	68	46	25	0	0	0	100	0	0	0	0
May 2018	100	100	82	62	42	23	0	0	0	100	0	0	0	0
May 2019	100	100	75	56	38	20	0	0	0	100	0	0	0	0
May 2020	100	95	68	51	33	18	0	0	0	100	0	0	0	0
May 2021	100	86	61	45	29	15	0	0	0	100	0	0	0	0
May 2022	100	78	55	40	26	13	0	0	0	100	0	0	0	0
May 2023	100	69	48	35	22	11	0	0	0	100	0	0	0	0
May 2024	100	61	42	30	19	9	0	0	0	100	0	0	0	0
May 2025	100	53	36	26	16	8	0	0	0	100	0	0	0	0
May 2026	100	45	30	21	13	6	0	0	0	100	0	0	0	0
May 2027	100	38	25	17	11	5	0	0	0	100	0	0	0	0
May 2028	100	30	20	14	8	4	0	0	0	100	0	0	0	0
May 2029	100	23	15	10	6	3	0	0	0	100	0	0	0	0
May 2030	100	17	11	7	4	2	0	0	0	54	0	0	0	0
May 2031	80	10	6	4	3	1	0	0	0	0	0	0	0	0
May 2032	42	4	3	2	1	*	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Weighted Average														
Life (years)**	28.8	22.6	20.0	16.0	11.8	7.6	2.7	1.3	0.9	27.1	5.9	2.5	1.1	0.3

<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 Date 0% 100% 208% 220% 250% 251%252% 300% 350% 500% 800% Initial Percent . . . . . . . . 100 100 100 100 100 100 100 100 100 100 100 May 2004 . May 2005 . May 2006 . 100 100 100 100 100 100 100 100 100 100 100 9  $_{0}^{0}$ May 2007 May 2008 May 2009 0 0 0 0  $_{0}^{0}$ 0  $\begin{matrix} 0 \\ 0 \\ 0 \end{matrix}$ May 2010 0  $_{0}^{0}$ 0 May 2011 May 2012 0 0 May 2013 May 2014 May 2015 0 0 0 0 0 May 2016 May 2017 0 0 0 0 0 May 2018  $\begin{array}{c}
 0 \\
 0 \\
 0 \\
 0
 \end{array}$ May 2019 May 2020 0 0 0 0 0 May 2021 May 2022 May 2023 0 0 0 0 0 0 0 May 2024 May 2025 0 May 2026 0 0 0 0 0 0 0 0 0 May 2027 May 2028 0 0 0 0 0 0 0 0 May 2029 0 0 0 0 0 0 0 0 0 0 0 May 2030 May 2031 May 2032 May 2033 0 0 0 0 0 0 0 0 0 Weighted Average
Life (years)\*\* Õ 0 0 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3 1.3

LA Class

					LB, LI	D, LH and IL	† Classes				
					I	PSA Prepayn Assumption	nent n				
Date	0%	100%	208%	220%	250%	251%	252%	300%	350%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100
May 2005	100	91	91	91	91	91	91	91	91	91	66
May 2006	91	69	69	69	69	69	69	69	68	44	2
May 2007	79	48	48	48	48	48	48	45	35	7	0
May 2008	67	28	28	28	28	28	28	20	9	0	0
May 2009	55	10	10	10	10	10	10	0	0	0	0
May 2010	41	0	0	0	0	0	0	0	0	0	0
May 2011	26	0	0	0	0	0	0	0	0	0	0
May 2012	10	0	0	0	0	0	0	0	0	0	0
May 2013	0	0	0	0	0	0	0	0	0	0	0
May 2014	0	0	0	0	0	0	0	0	0	0	0
May 2015	0	0	0	0	0	0	0	0	0	0	0
May 2016	0	0	0	0	0	0	0	0	0	0	0
May 2017	0	0	0	0	0	0	0	0	0	0	0
May 2018	0	0	0	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0	0	0	0
May 2020	Õ	Ō	Ō	Ō	Ō	Ō	Õ	Õ	Õ	Õ	Ō
May 2021	0	0	0	0	0	0	0	0	0	0	0
May 2022	Ō	0	0	0	0	0	0	0	0	0	0
May 2023	Õ	Ō	Ō	Õ	Ō	Õ	0	Ō	Ō	Ō	0
May 2024	Ō	0	Õ	Õ	Ō	Õ	0	0	0	0	0
May 2025	Ō	0	Õ	Õ	Ō	Õ	0	0	0	0	0
May 2026	Õ	Ō	Ō	Õ	Ō	Õ	0	Ō	Ō	Ō	0
May 2027	Ō	0	Õ	Õ	Ō	Õ	0	0	0	0	0
May 2028	Õ	ŏ	Õ	Õ	Õ	Õ	ŏ	ŏ	ő	Õ	Ö
May 2029	ŏ	ŏ	Ö	Ö	Ŏ	Ö	ŏ	ŏ	ŏ	ŏ	Ö
May 2030	Õ	ŏ	Õ	Õ	Õ	Õ	ŏ	ŏ	ő	Õ	Ö
May 2031	Õ	ŏ	ŏ	ŏ	ŏ	ŏ	ő	ŏ	ŏ	ŏ	Õ
May 2032	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
May 2033	ő	ő	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
Weighted Average	Ü	o o	O	· ·	· ·	· ·	O	Ü	· ·	· ·	Ü
Life (years)**	6.2	4.0	4.0	4.0	4.0	4.0	4.0	3.8	3.6	2.9	2.3

<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 208% 252% Date 0% 100% 220% 250% 251% 300% 350% 500% 800% Initial Percent . . . . . . . . 100 100 100 100 100 100 100 100 100 100 100 May 2004. 100 100 100 100 100 100 100 100 100 100 100 May 2005 May 2006 100  $\begin{array}{c} 100 \\ 100 \end{array}$  $\frac{100}{100}$  $\begin{array}{c} 100 \\ 100 \end{array}$ 100 100 100 100 100 100 100 100 100 100 May 2007 . May 2008 . May 2009 . 100 100 100 100 76 31 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 100 76 31 100 76 31 100 77 31 100 65 May 2010 . May 2011 . May 2012 . 100 100 77 31 46  $\begin{array}{c} 0 \\ 0 \\ 0 \end{array}$  $\begin{matrix} 0 \\ 0 \\ 0 \\ 0 \end{matrix}$ May 2013 . May 2014 . May 2015 . 75 13 0 0  $\begin{matrix} 0 \\ 0 \\ 0 \end{matrix}$ May 2016 May 2017 0 0 Ö ŏ 0 May 2018  $\begin{matrix} 0 \\ 0 \\ 0 \end{matrix}$ May 2019 May 2020 0 0 0 0 0 May 2021 0 0 May 2022 0 0 May 2023 0 0 0 0 0 0 May 2024 May 2025 0 0 0 0 0 May 2026 0 0 0 0 0 0 May 2027 May 2028 0 0 0 0 0 0 0 0 0 May 2029 0 0 0 0 0 0 0 0 0 0 0 0 May 2030 . May 2031 . 0 0 0 0 May 2032 May 2033 0 0 0 0 0 0 0 0 Õ 0 0 

7.6

7.6

LI+ Class

7.6

7.0

6.4

5.0

3.5

LC Class

						LIT Class					
					I	PSA Prepayn Assumptio	nent n				
Date	0%	100%	208%	220%	250%	251%	252%	300%	350%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
May 2004	100	100	100	100	100	100	100	100	100	100	100
May 2005	83	75	75	75	75	75	75	75	75	75	57
May 2006	75	60	60	60	60	60	60	60	59	41	12
May 2007	67	45	45	45	45	45	45	43	35	15	0
May 2008	58	30	30	30	30	30	30	24	17	4	0
May 2009	49	17	17	17	17	17	17	10	7	0	0
May 2010	39	8	8	8	8	8	8	5	2	0	0
May 2011	29	3	3	3	3	3	3	1	0	0	0
May 2012	17	0	0	0	0	0	0	0	0	0	0
May 2013	8	0	0	0	0	0	0	0	0	0	0
May 2014	1	0	0	0	0	0	0	0	0	0	0
May 2015	0	0	0	0	0	0	0	0	0	0	0
May 2016	0	0	0	0	0	0	0	0	0	0	0
May 2017	Õ	Ō	Ō	Ō	Õ	Õ	Õ	Õ	Õ	Õ	Ō
May 2018	0	0	0	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0	0	0	0
May 2020	Õ	Ō	Ō	Ō	Õ	Õ	Õ	Õ	Õ	Õ	Ō
May 2021	0	0	0	0	0	0	0	0	0	0	0
May 2022	Ō	0	0	0	0	Ō	0	0	0	0	0
May 2023	Õ	Ō	Ō	Ō	Õ	Õ	Õ	Õ	Õ	Õ	Ō
May 2024	0	0	0	0	0	0	0	0	0	0	0
May 2025	0	0	0	0	0	0	0	0	0	0	0
May 2026	Õ	Ō	Ō	Ō	Õ	Õ	Õ	Õ	Õ	Õ	Ō
May 2027	0	0	0	0	0	0	0	0	0	0	0
May 2028	0	0	0	0	0	0	0	0	0	0	0
May 2029	Õ	Ō	Ō	Ō	Õ	Õ	Õ	Õ	Õ	Õ	Ō
May 2030	Ō	0	0	0	0	Ō	0	0	0	0	0
May 2031	Ō	0	0	0	0	Ō	0	0	0	0	0
May 2032	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	Ö
May 2033	Ö	Ō	Ö	Ō	Ö	Õ	Õ	Ō	Õ	Ō	Ö
Weighted Average	-	-	-	-	-	-	-	-	-	-	
Life (years)**	5.8	3.9	3.9	3.9	3.9	3.9	3.9	3.7	3.4	2.9	2.2

Determined as specified under "—Weighted Average Lives of the Certificates" above.

7.6

7.6

7.6

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

HO, HI† and HJ Classes PSA Prepayment Assumption 208% Date 0% 100% 220% 250% 252% 300% 350% 500% 800% 251% Initial Percent . . . . . . . . May 2005 May 2006  $\begin{array}{c} 100 \\ 100 \end{array}$ May 2007 May 2008 May 2009  $\frac{47}{23}$ 36 22 May 2010 . May 2011 . 100 100 57 38 25 15 May 2012 50 33 19 May 2013 . May 2014 . 100 67 62 50 35 22 12 5 0  $72 \\ 50 \\ 32 \\ 19$ 8 4 2 1 0 0 0 0 24 10 May 2015 . May 2016 May 2017 28 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 May 2018 May 2019 . May 2020 . 0 0 0 0 0 0 0 0 May 2021 May 2022 May 2023 . 0 0 0 0 0 0 0 0 May 2024 May 2025 0 0 0 0 0 0 May 2026 0 0 0 0 May 2027 May 2028 0 0 0 0 0 0 May 2029 0 0 0 0 May 2030 . May 2031 . 

11.3

11.3

11.8

11.3

9.8

7.9

10.6

5.4

						JA Class					
					F	PSA Prepayn Assumption					
Date	0%	100%	208%	220%	250%	251%	252%	300%	350%	500%	800%
Date	0 70	100 /6	200 %	220 /6	200 /6	20170	202 /6	300 /6	330 /6	300 /6	300 /2
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
May 2004	81	71	64	64	64	64	64	78	79	69	48
May 2005	80	69	48	48	48	48	48	52	41	9	0
May 2006	78	68	28	28	28	28	28	17	0	0	0
May 2007	77	67	14	14	14	14	14	0	0	0	0
May 2008	75	65	5	5	5	5	5	0	0	0	0
May 2009	74	64	2	2	2	2	2	0	0	0	0
May 2010	72	61	2	2	2	2	2	0	0	0	0
May 2011	71	54	2	2	2	2	2	0	0	0	0
May 2012	69	41	0	0	0	0	0	0	0	0	0
May 2013	67	11	0	0	0	0	0	0	0	0	0
May 2014	65	0	0	0	0	0	0	0	0	0	0
May 2015	31	0	0	0	0	0	0	0	0	0	0
May 2016	0	0	0	0	0	0	0	0	0	0	0
May 2017	0	0	0	0	0	0	0	0	0	0	0
May 2018	0	0	0	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0	0	0	0
May 2020	0	0	0	0	0	0	0	0	0	0	0
May 2021	0	0	0	0	0	0	0	0	0	0	0
May 2022	0	0	0	0	0	0	0	0	0	0	0
May 2023	0	0	0	0	0	0	0	0	0	0	0
May 2024	0	0	0	0	0	0	0	0	0	0	0
May 2025	0	0	0	0	0	0	0	0	0	0	0
May 2026	0	0	0	0	0	0	0	0	0	0	0
May 2027	0	0	0	0	0	0	0	0	0	0	0
May 2028	0	0	0	0	0	0	0	0	0	0	0
May 2029	0	0	0	0	0	0	0	0	0	0	0
May 2030	0	0	0	0	0	0	0	0	0	0	0
May 2031	0	0	0	0	0	0	0	0	0	0	0
May 2032	0	0	0	0	0	0	0	0	0	0	0
May 2033	Ō	0	Ō	Õ	Ō	0	0	Ô	0	0	Ō
Weighted Average											
Life (years)**	8.9	6.2	2.2	2.2	2.2	2.2	2.2	2.0	1.8	1.4	1.0

Indicates an outstanding balance greater than 0% and less than 0.5% of the original principal balance.

12.0

13.4

<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 208% 252% Date 0% 100% 220% 250% 300% 350% 500% 800% 251% Initial Percent . . . . . . . . 100 100 100 100 100 100 100 100 100 100 100 105105105 105 105 105105 105 105 105 May 2005 May 2006 110  $\begin{array}{c} 110 \\ 115 \end{array}$ 110  $\frac{110}{115}$  $\begin{array}{c} 110 \\ 115 \end{array}$ 110  $\frac{110}{115}$ 110 110 0 0 0 0 0 110 115 May 2007 121 121 121 121 121 127 127 127 127 127 127 127 0 0 0 0 0 0 133 May 2010 139 139 139 139 139 139 139 May 2011. 146 146 146 146 146 146 146 0 0 0 161 161 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  $\begin{matrix} 0 \\ 0 \\ 0 \end{matrix}$  $0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$  $\frac{168}{177}$ 0 0 0 0 0 0 0 May 2016 May 2017 0 0 0 ŏ ŏ May 2018 0 0 May 2019 . May 2020 . 0 0 0 0 0 0 0 0 0 0 0 0 0 May 2021. 0 0 0 0 May 2022 May 2023 . 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 May 2024 May 2025 0 0 0 0 0 0 0 0 May 2026 . 0 0 0 0 0 0 0 0 May 2027 0 May 2028. 0 0 0 0 0 May 2029 . 0 0 0 0 0 0 0 0 0 May 2030 . May 2031 . 0 0 0 0 0 0 0 0 0 Õ Õ 0 0 Õ 0 10.4 8.9 8.9 8.9 9.0 9.0 3.7 3.0 2.2 1.6

JZ Class

					2	ZJ Cla	ss						KF, K KC an					I	KJ Cla	ss	
						Prepa sumpt	yment ion							Prepa sumpt				PSA As	Prepa sumpt	yment ion	
Date	0%	100%	208%	220%	250%	251%	252%	300%	350%	500% 8	800%	0% 2	200% 4	147%	800%	800%	0% 2	200%	147%	600% <u>8</u>	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	105	105	100	97	88	88	88	16	0	0	0	96	92	88	85	82	100	100	100	100	100
May 2005	110	110	100	89	62	61	60	0	0	0	0	91	79	66	59	50	100	100	100	100	100
May 2006	115	115	100	81	33	31	29	0	0	0	0	86	64	43	32	19	100	100	100	100	100
May 2007	121	121	100	75	15	13	11	0	0	0	0	81	51	26	15	4	100	100	100	100	100
May 2008		127	100	73	8	6	4	0	0	0	0	75	40	14	4	0	100	100	100	100	65
May 2009	133	133	99	72	7	5	3	0	0	0	0	69	30	6	0	0	100	100	100	81	31
May 2010	139	139	95	68	7	5	3	0	0	0	0	63	22	*	0	0	100	100	100	47	15
May 2011	146	146	86	62	7	5	3	0	0	0	0	56	15	0	0	0	100	100	66	27	7
May 2012	153	153	69	48	0	0	0	0	0	0	0	48	9	0	0	0	100	100	43	15	3
May 2013		161	0	0	0	0	0	0	0	0	0	40	4	0	0	0	100	100	26	8	1
May 2014	168	95	0	0	0	0	0	0	0	0	0	31	0	0	0	0	100	96	16	4	1
May 2015	177	0	0	0	0	0	0	0	0	0	0	22	0	0	0	0	100	64	9	2	*
May 2016	129	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	100	37	4	1	*
May 2017	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	100	15	1	*	*
May 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2028	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2030	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Ō	Õ	Õ	Õ	Õ	Õ	Õ	Õ	Õ
May 2031	Õ	Ō	Õ	Õ	Õ	Ō	Õ	Ō	Ō	Õ	Õ	Ō	0	Õ	Õ	Õ	Ō	Õ	Õ	Õ	Ō
May 2032	ő	ő	ő	ő	ő	Õ	ő	ő	ő	Ő	ŏ	ő	ő	Õ	Ő	ő	ő	ő	Ö	ő	ő
May 2033	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
Weighted Average	_	-	_	_	-	-	_	_	-	-	-	_	-	-	-	_	-	_	_	-	_
Life (years)**	13.2	11.2	9.0	7.1	2.8	2.7	2.5	0.7	0.4	0.3	0.3	8.2	4.6	3.0	2.5	2.1	14.6	12.6	9.2	7.4	5.8

<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.

FX, SY, UB† and SX Classes NA, NF, NS†, NB and ND Classes PSA Prepayment Assumption PSA Prepayment Assumption Date 0% 500% 1500% 2000% 0% 100% 215% 216% 220% 275% 300% 315% 360% 500% 800% 986% Initial Percent . . . . . . . . May 2004 . . 76 52 35 24 16 61 77 68 59 May 2005 May 2006 90 87 83 78 74 69 61 31  $\frac{73}{47}$ 61 39 36 May 2007 37 29 22 17 13 10 7 37 29 22 17 $\begin{array}{c} 48 \\ 37 \\ 29 \\ 22 \\ 17 \\ 13 \end{array}$  $\frac{40}{30}$ 30 20 17 100 100 17 13 May 2010 35 28 22 15 9 17 13 10 7 5 7 May 2011 . May 2012 .  $\frac{15}{11}$ 57 51 May 2013 . May 2014 . May 2015 . 100 100 7 5 7 5 37 29 May 2016 May 2017 May 2018 May 2019 . May 2020 . May 2021 . May 2022 May 2023 . May 2024 May 2025 May 2026 . May 2027 . May 2028 . 59 22 May 2029 . May 2030 . May 2031 . May 2032 May 2033 7.2 0.3 10.4 6.5 5.0 5.0 4.9 4.8 4.8 4.7 3.7 2.6 3.1 1.4 4.8

						NZ Class					
					1	PSA Prepayn Assumption					
Date	0%	100%	215%	216%	220%	275%	300%	315%	360%	500%	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100
May 2004	106	106	106	106	106	106	106	106	106	106	106
May 2005	112	112	112	112	112	112	112	112	112	112	112
May 2006		118	118	118	118	118	118	118	118	118	118
May 2007		125	125	125	125	125	125	125	125	125	125
May 2008	132	132	132	132	132	132	132	132	132	132	132
May 2009		139	139	139	139	139	139	139	139	139	139
May 2010		147	147	147	147	147	147	147	147	147	147
May 2011	155	155	155	155	155	155	155	155	155	155	155
May 2012		164	164	164	164	164	164	164	164	164	164
May 2013		173	173	173	173	173	173	173	173	173	173
May 2014	183	183	183	183	183	183	183	183	183	183	113
May 2015		193	193	193	193	193	193	193	193	193	54
May 2016		204	204	204	204	204	204	204	204	204	25
May 2017	216	216	216	216	216	216	216	216	216	216	11
May 2018		228	228	228	228	228	228	228	228	228	5
May 2019	241	241	241	241	241	241	241	241	241	172	2
May 2020	254	254	254	254	254	254	254	254	254	92	1
May 2021	269	269	269	269	269	269	269	269	269	43	*
May 2022	174	174	174	174	174	174	174	174	106	14	*
May 2023	0	0	0	0	0	0	0	0	0	0	0
May 2024	0	0	0	0	0	0	0	0	0	0	0
May 2025	0	0	0	0	0	0	0	0	0	0	0
May 2026	0	0	0	0	0	0	0	0	0	0	0
May 2027	0	0	0	0	0	0	0	0	0	0	0
May 2028	0	0	0	0	0	0	0	0	0	0	0
May 2029	0	0	0	0	0	0	0	0	0	0	0
May 2030	0	0	0	0	0	0	0	0	0	0	0
May 2031	0	0	0	0	0	0	0	0	0	0	0
May 2032	0	0	0	0	0	0	0	0	0	0	0
May 2033	0	0	0	0	0	0	0	0	0	0	0
Weighted Average											
Life (years)**	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.9	16.9	11.8

<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 500% Date 0% 100% 215% 216% 220% 275% 300% 315% 360% 800% Initial Percent . . . . . . . 100 100 100 100 100 100 100 100 100 100 100 106 105 104 104 102105 105 105 102 May 2005 May 2006  $\begin{array}{c} 110 \\ 116 \end{array}$ 112 112  $\frac{110}{117}$  $\frac{110}{117}$ 105  $\frac{111}{117}$  $\begin{array}{c} 111 \\ 102 \end{array}$ 92  $\frac{32}{40}$ 123 130 123 130 80 62 May 2007 125 125 123 108 106 0 6 0 0 0 0 132 108 132 130 89 75 0 0 0 0 0 48 37 29 132 105 77 47 18 May 2010 147147 134  $124 \\ 100 \\ 74 \\ 47 \\ 21$ 107 62 107 77 47 17 May 2011. 155 92 78 65 54 43 34 26 20  $\frac{51}{42}$ 155 0 0 0 May 2012 22 17 12 9 7 5 3 2 33 27 21 May 2013 . May 2014 . 173 183 173 183  $0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$ May 2015 . 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  $\begin{matrix} 0 \\ 0 \\ 0 \end{matrix}$ May 2016 May 2017 204 189 16 12 131 73 15 0 0 216 ŏ 9 May 2018  $\begin{array}{c}
 0 \\
 0 \\
 0 \\
 0
 \end{array}$ 0 241 254 123 14 9 5 2 May 2019 . May 2020 . 0 0 0 0 0 May 2021. May 2022 0 May 2023 . 0 0 0 0 0 0 0 0 0 0 0 0 0 May 2024 0 May 2025 0 0 0 0 0 0 0 0 May 2026 . 0 0 0 0 0 0 0 0 May 2027 0 May 2028 0 0 0 0 0 May 2029 ŏ 0 0 0 0 0 0 0 May 2030 . May 2031 . 0 Õ 0 0 0 0 0 0 0 0 0 0 Õ Õ 0 0 0 14.6 9.2 9.2 9.2 11.6 8.2 6.4 2.8 1.4 0.9

ZK Class

						ZL Cla	ass							GD C				(	J Cla	ss	
						Prepa ssump	ayment tion	t						Prepa ssump	yment tion				Prepa sumpt		
Date	0%	100%	215%	216%	220%	275%	300%	315%	360%	500%	800%	0%	200%	447%	600%	300%	0%	200%	447%	<u>800%</u> 8	800%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
May 2004	106	106	106	106	106	93	78	72	53	0	0	96	92	88	85	82	100	100	100	100	100
May 2005	112	112	112	112	111	88	47	28	0	0	0	92	79	67	60	50	100	100	100	100	100
May 2006	118	118	118	118	118	78	9	0	0	0	0	87	65	45	35	23	100	100	100	100	100
May 2007	125	125	125	125	124	63	0	0	0	0	0	82	53	30	19	9	100	100	100	100	100
May 2008	132	132	132	132	131	43	0	0	0	0	0	77	43	19	10	2	100	100	100	100	100
May 2009		139	139	139	139	21	0	0	0	0	0	71	34	11	4	0	100	100	100	100	73
May 2010		147	147	147	144	0	0	0	0	0	0	65	26	6	1	0	100	100	100	100	35
May 2011		155	155	154	149	0	0	0	0	0	0	58	20	3	0	0	100	100	100	65	16
May 2012	164	164	164	162	154	0	0	0	0	0	0	51	14		0	0	100	100	100	36	7
May 2013	173	173	173	170	159	0	0	0	0	0	0	44	9	0	0	0	100	100	64	20	3
May 2014	183	183	183	179	165	0	0	0	0	0	0	35	6	0	0	0	100	100	38	10	1
May 2015	193	193	175	172	164	0	0	0	0	0	0	27	2	0	0	0	100	100	21	5	1
May 2016	204	204	143	141	134	0	0	0	0	0	0	17	0	0	0	0	100	89	10	2	*
May 2017		216	114	113	106	0	0	0	0	0	0	7	0	0	0	0	100	34	3	1	
May 2018		228	88	87	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2019		241	65	64	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2020		191	44	44	41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2021		121	26	26	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2022	237	54	11	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2024	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2025	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2026	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2027	0	-	0	0	0	-	0	0	0	0	0	0	0	0	0	0	-	0	0	0	0
May 2028	0	0	-	-	0	0	-	-	-	-	-	0	-	-	-	-	0	0	-	0	0
May 2029	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2030	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.4 0000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
May 2033	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U	U
Life (years)**	10.4	100	15 1	15 1	15.9	4.4	1.9	1.5	1.0	0.6	0.4	8.6	5.0	3.2	2.6	2.2	14.8	13.7	10.9	8.9	6.9

<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.

#### 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 Class 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	170% PSA
2	986% PSA
3	$220\%~\mathrm{PSA}$
4	447% PSA
5	986% PSA
6	275% PSA
7	447% 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 120% of the "federal long-term rate." The rate will be published on or about April 20, 2003. 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.

#### 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 will represent the beneficial ownership of the underlying REMIC Certificates set forth in Schedule 1. The ownership interest represented by RCR Certificates will be one of two types. A Certificate of a Strip RCR Class (a "Strip RCR Certificate") will represent the right to receive a disproportionate part of the principal or interest payments on one or more underlying REMIC Certificates. A Certificate of a Combination RCR Class (a "Combination RCR Certificate") will represent beneficial ownership of undivided interests in two or more underlying REMIC Certificates.

The SU, SW, LH and IL Classes are Strip RCR Classes. The remaining RCR Classes are Combination RCR Classes.

Strip RCR Classes. The tax consequences to a beneficial owner of a Strip RCR Certificate will be determined under section 1286 of the Code, except as discussed below. Under section 1286, a beneficial owner of a Strip RCR Certificate will be treated as owning "stripped bonds" to the extent of its share of principal payments and "stripped coupons" to the extent of its share of interest payments on the underlying REMIC Certificates. If a Strip RCR Certificate entitles the holder to payments of principal and interest on an underlying REMIC Certificate, the IRS could contend that the Strip RCR Certificate should be treated (i) as an interest in the underlying REMIC Certificate to the extent that the Strip RCR Certificate represents an equal pro rata portion of principal and interest on the underlying REMIC Certificate, and (ii) with respect to the remainder, as an installment obligation consisting of "stripped bonds" to the extent of its share of principal payments or "stripped coupons"

to the extent of its share of interest payments. For purposes of information reporting, however, Fannie Mae intends to treat each Strip RCR Certificate as a single debt instrument, regardless of whether it entitles the holder to payments of principal and interest. You should consult your own tax advisors as to the proper treatment of a Strip RCR Certificate in this regard.

Under section 1286, the beneficial owner of a Strip RCR Certificate must treat the Strip RCR Certificate as a debt instrument originally issued on the date the owner acquires it and as having OID equal to the excess, if any, of its "stated redemption price at maturity" over the price paid by the owner to acquire it. The stated redemption price at maturity for a Strip RCR Certificate is determined in the same manner as described with respect to Regular Certificates under "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount" in the REMIC Prospectus.

If a Strip RCR Certificate has OID, the beneficial owner must include the OID in its ordinary income for federal income tax purposes as the OID accrues, which may be prior to the receipt of the cash attributable to that income. Although the matter is not entirely clear, a beneficial owner should accrue OID using a method similar to that described with respect to the accrual of OID on a Regular Certificate under "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Treatment of Original Issue Discount" in the REMIC Prospectus. A beneficial owner, however, determines its yield to maturity based on its purchase price. For a particular beneficial owner, it is not clear whether the prepayment assumption used for calculating OID would be one determined at the time the Strip RCR Certificate is acquired or would be the original Prepayment Assumption for the underlying REMIC Certificates. For purposes of information reporting, Fannie Mae will use the original yield to maturity of the Strip RCR Certificate, calculated based on the original Prepayment Assumption. You should consult your own tax advisors regarding the proper method for accruing OID on a Strip RCR Certificate.

The rules of section 1286 of the Code also apply if (i) a beneficial owner of REMIC Certificates exchanges them for Strip RCR Certificates, (ii) the beneficial owner sells some, but not all, of the Strip RCR Certificates, and (iii) the combination of retained Strip RCR Certificates cannot be exchanged for the related REMIC Certificates. As of the date of such a sale, the beneficial owner must allocate its basis in the REMIC Certificates between the part of the REMIC Certificates underlying the Strip RCR Certificates sold and the part of the REMIC Certificates underlying the Strip RCR Certificates retained in proportion to their relative fair market values. Section 1286 of the Code treats the beneficial owner as purchasing the Strip RCR Certificates retained for the amount of the basis allocated to the retained Certificates, and the beneficial owner must then accrue any OID with respect to the retained Certificates as described above. Section 1286 does not apply, however, if a beneficial owner exchanges REMIC Certificates for the related RCR Certificates and retains all the RCR Certificates, see "—Exchanges" below.

Upon the sale of a Strip RCR Certificate, a beneficial owner will realize gain or loss on the sale in an amount equal to the difference between the amount realized and its adjusted basis in the Certificate. The owner's adjusted basis generally is equal to the owner's cost of the Certificate (or portion of the cost of REMIC Certificates allocable to the RCR Certificate), increased by income previously included, and reduced (but not below zero) by distributions previously received and by any amortized premium. If the beneficial owner holds the Certificate as a capital asset, any gain or loss realized will be capital gain or loss, except to the extent provided under "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Sales and Other Dispositions of Regular Certificates" in the REMIC Prospectus.

Although the matter is not free from doubt, if a beneficial owner acquires in one transaction (other than an exchange described under "—Taxation of Beneficial Owners of RCR Certificates—*Exchanges*") a combination of Strip RCR Certificates that may be exchanged for underlying REMIC Certificates, the owner should be treated as owning the underlying REMIC Certificates, in which case section 1286 would not apply. If a beneficial owner acquires such a combination in separate transactions, the law is unclear as to whether the combination should be aggregated or each Strip RCR

Certificate should be treated as a separate debt instrument. You should consult your tax advisors regarding the proper treatment of Strip RCR Certificates in this regard. For the treatment of Strip RCR Certificates received in exchange for REMIC Certificates, see "—Exchanges" below.

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 Citigroup Global Markets Inc. (the "Dealer") in exchange for the Trust MBS and the Underlying REMIC Certificates. 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, 3, 4, 6 or 7 Classes in addition to those contemplated as of the date of this prospectus supplement. In this event, we will increase the related Trust MBS in principal balance, but we expect that all these additional Trust MBS will have the same characteristics as described under "Description of the Certificates—The Trust MBS" in this prospectus supplement. The proportion that the original principal balance of each Group 1, 3, 4, 6 or 7 Classes bears to the aggregate original principal balance of all Group 1, 3, 4, 6 or 7 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. Cleary, Gottlieb, Steen & Hamilton will provide legal representation for the Dealer.

# Underlying REMIC Certificates

Group	01 02 10
Underlying Security Type	MBS MBS MBS
Approximate Weighted Average WALA (in months)	23 25 25 25
Approximate Weighted Average WAM (in months)	331 333 333
Approximate Weighted Average WAC	6.679 7.040 7.040
Principal Balance in the Lower Tier REMIC	\$44,500,000 \$26,486,000 \$30,560,000
May 2003 Class Factor	$\begin{array}{c} 1.000000000\\ 1.000000000\\ 1.000000000 \end{array}$
Original Principal Balance of Class	\$44,500,000 \$26,486,000 \$52,560,000
Principal Type(1)	PAC SC/PT SC/PT
Final Distribution Date	May 2031 October 2031 June 2031
Interest Type (1)	FIX FIX FIX
Interest Rate	6.0% 6.0% 6.0%
CUSIP Number	3139213S5 313921X86 313921X78
Date of Issue	October 2001 October 2001 October 2001
Class	PV NA MA
Underlying REMIC Trust	$\begin{array}{c} 2001\text{-}060 \\ 2001\text{-}060 \\ 2001\text{-}060 \end{array}$

(1) See "Description of the Certificates—Definitions and Abbreviations" in the REMIC Prospectus.

Available Recombinations (1)

REMIC	REMIC Certificates		-		RCR Certificates	ates		
Classes	Original Principal or Notional Principal Balances	RCR Classes	Original Principal or Notional Principal Balance	Interest Rate	Interest Type(2)	Principal Type (2)	CUSIP Number	Final Distribution Date
Recombination 1 SV \$ 13	<b>ation 1</b> \$ 13,088,235	$^{ m NS}_{ m NS}$	\$ 8,507,353(3) 13,088,235	(4)	INV/IO INV	NTL SC/PT	31393CU43 31393CU50	May 2031 May 2031
Recombination 2 LD 113	ation 2 113,073,000	LH	$113,073,000 \\ 11,902,421(3)$	3.50% 4.75	FIX FIX/IO	PAC NTL	31393CU76 31393CU84	November 2014 November 2014
Recombination 3 HO 68 HI 68	ation 3 68,745,000 68,745,000(3)	НЛ	68,745,000	4.75	FIX	SEQ	31393CU68	June 2018
Kecombination 4   KR   464   KF   30   KS   30   KS	464,062,500 30,937,500 30,937,500	KN	495,000,000	3.75	FIX	SEQ	31393CU92	July 2017
Kecombination 5	464,062,500 66,294,643 66,294,643	KA	530,357,143	4.00	FIX	SEQ	31393CV26	July 2017
Kecombination 6	464,062,500 464,062,500 107,091,346 107,091,346(3)	KB	571,153,846	4.25	FIX	SEQ	31393CV34	July 2017
KR 464 KR 154 KF 154 KS 156	464,062,500 154,687,500 154,687,500(3)	KC	618,750,000	4.50	FIX	SEQ	31393CV42	July 2017
KR KF KF KS	464,062,500 210,937,500(3)	KD	675,000,000	4.75	FIX	SEQ	31393CV59	July 2017
SY 14,2 UB 17,1 Recombination 10	14,261,500 17,113,800(3)	SX	14,261,500	(4)	INV	SC/PT	$31393 \mathrm{CV}$ 67	October 2031
NA NS NS	128,450,000 9,880,769 9,880,769(3)	NB	138,330,769	4.25	FIX	SCH	31393CV75	June 2023

	Final Distribution Date	June 2023	February 2018
	CUSIP Number	31393CV83	31393CV91
RCR Certificates	Principal Type (2)	SCH	SEQ
	Interest Type (2)	FIX	FIX
	Interest Rate	4.50%	4.75
	Original Principal or Notional Principal Balance	\$149,858,333	31,818,182
	RCR Classes	ND	GD
REMIC Certificates	Original Principal or Notional Principal Principal Balances	<b>ation 11</b> \$128,450,000 21,408,333	ation 12 25,000,000 6,818,182 6,818,182(3)
REMIC	Classes	Recombina NA NF	Recombine GA GF GS

REMIC Certificates and RCR Certificates in any recombination may be exchanged only in the proportions shown above.

See "Description of Certificates—Class Definitions and Abbreviations" in the REMIC Prospectus and "Description of the Certificates—Distributions of Interest" and "—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. 

# **Principal Balance Schedules**

#### LG Class Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$356,654,000.00	August 2007	\$242,715,521.25	November 2011	\$129,296,105.40
June 2003	355,888,676.40	September 2007	240,189,556.83	December 2011	127,359,989.56
July 2003	355,037,802.11	October 2007	237,676,712.31	January 2012	125,433,958.46
August 2003	354,101,628.79	November 2007	235,176,920.17	February 2012	123,517,960.20
September 2003	353,080,452.38	December 2007	232,690,113.26	March 2012	121,611,943.15
October 2003	351,974,613.00	January 2008	230,216,224.76	April 2012	119,733,232.18
November 2003	350,784,494.83	February 2008	227,755,188.20	May 2012	117,881,878.61
December 2003	349,510,525.93	March 2008	225,306,937.46	June 2012	116,057,496.52
January 2004	348,153,178.05	April 2008	222,871,406.74	July 2012	114,259,705.34
February 2004	346,712,966.36	May 2008	220,448,530.60	August 2012	112,488,129.77
March 2004	345,190,449.18	June 2008	218,038,243.92	September 2012	110,742,399.71
April 2004	343,586,227.66	July 2008	215,640,481.93	October 2012	109,022,150.18
May 2004	341,900,945.40	August 2008	213,255,180.17	November 2012	107,327,021.27
June 2004	340,135,288.09	September 2008	210,882,274.54	December 2012	105,656,658.06
July 2004	338,289,983.05	October 2008	208,521,701.25	January 2013	104,010,710.54
August 2004	336,365,798.75	November 2008	206,173,396.84	February 2013	102,388,833.56
September 2004	334,363,544.34	December 2008	203,837,298.19	March 2013	100,790,686.76
October 2004	332,284,069.06	January 2009	201,513,342.49	April 2013	99,215,934.49
November 2004	330,128,261.71	February 2009	199,201,467.26	May 2013	97,664,245.76
December 2004	327,897,050.00	March 2009	196,901,610.34	June 2013	96,135,294.17
January 2005	325,591,399.91	April 2009	194,613,709.88	July 2013	94,628,757.86
February 2005	323,212,315.02	May 2009	192,337,704.37	August 2013	93,144,319.43
March 2005	320,760,835.78	June 2009	190,073,532.59	September 2013	91,681,665.89
April 2005	318,238,038.78	July 2009	187,821,133.66	October 2013	90,240,488.59
May 2005	315,645,035.96	August 2009	185,580,447.00	November 2013	88,820,483.16
June 2005	312,982,973.79	September 2009	183,351,412.34	December 2013	87,421,349.47
July 2005	310,253,032.45	October 2009	181,133,969.72	January 2014	86,042,791.56
August 2005	307,456,424.94	November 2009	178,928,059.50	February 2014	84,684,517.57
September 2005	304,594,396.20	December 2009	176,733,622.33	March 2014	83,346,239.70
October 2005	301,747,216.47	January 2010	174,550,599.18	April 2014	82,027,674.16
November 2005	298,914,809.36	February 2010	172,378,931.31	May 2014	80,728,541.08
December 2005	296,097,098.86	March 2010	170,218,560.29	June 2014	79,448,564.51
January 2006	293,294,009.35	April 2010	168,069,428.00	July 2014	78,187,472.32
February 2006	290,505,465.61	May 2010	165,931,476.60	August 2014	76,944,996.17
March 2006	287,731,392.79	June 2010	163,804,648.55	September 2014	75,720,871.45
April 2006	284,971,716.44	July 2010	161,688,886.62	October 2014	74,514,837.23
May 2006	282,226,362.49	August 2010	159,584,133.87	November 2014	73,326,636.22
June 2006	279,495,257.25	September 2010	157,490,333.64	December 2014	72,156,014.70
July 2006	276,778,327.40	October 2010	155,407,429.58	January 2015	71,002,722.48
August 2006	274,075,500.02	November 2010	153,335,365.62	February 2015	69,866,512.87
September 2006	271,386,702.54	December 2010	151,274,085.97	March 2015	68,747,142.60
October 2006	268,711,862.77	January 2011	149,223,535.14	April 2015	67,644,371.79
November 2006	266,050,908.90	February 2011	147,183,657.92	May 2015	66,557,963.90
December 2006	263,403,769.48	March 2011	145,154,399.39	June 2015	65,487,685.70
January 2007	260,770,373.43	April 2011	143,135,704.90	July 2015	64,433,307.19
February 2007	258,150,650.04	May 2011	141,127,520.09	August 2015	63,394,601.59
March 2007	255,544,528.97	June 2011	139,129,790.89	September 2015	62,371,345.28
April 2007	252,951,940.22	July 2011	137,142,463.48	October 2015	61,363,317.75
May 2007	250,372,814.16	August 2011	135,165,484.34	November 2015	60,370,301.57
June 2007	247,807,081.53	September 2011	133,198,800.22	December 2015	59,392,082.35
July 2007	245,254,673.41	October 2011	131,242,358.14	January 2016	58,428,448.68
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#### LG Class (Continued)

Pebruary 2016	Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
April 2016	February 2016	\$ 57,479,192.10	July 2020	\$ 23,205,155.96	December 2024	\$ 8,259,103.04
May 2016	March 2016	56,544,107.07		22,790,514.10	January 2025	8,083,114.28
May 2016	April 2016	55,622,990.90	September 2020	22,382,330.07	February 2025	7,910,050.08
July 2016   52,941,471,06   December 2020   21,195,587,34   May 2025   7,246,166,81		54,715,643.76	October 2020	21,980,509.44		7,739,866.33
August 2016   52,074,299.61   January 2021   20,812,036.61   June 2025   7,246,165.95	June 2016	53,821,868.58	November 2020	21,584,959.12	April 2025	7,572,519.53
August 2016   52,074,299.61   January 2021   20,812,036.61   June 2025   7,246,165.95	July 2016	52,941,471.06	December 2020	21,195,587.34	May 2025	7,407,966.81
September 2016   51,220,045.32   February 2021   20,435,018.74   July 2025   7,087,075.24		52,074,259.61		20,812,303.61		
October 2016         50,378,64.192         March 2021         19,068,085,06         September 2025         6,786,80.58           December 2016         48,733,535,66         May 2021         19,338,284,10         October 2025         6,625,656,89           January 2017         47,892,473,14         June 2021         18,894,127,66         November 2025         6,356,568,89           Jarce 1017         44,582,413,502,10         July 2021         18,685,542,67         December 2025         6,380,888,83           March 2017         44,683,448,94         August 2021         11,794,766,76         Junuary 2026         6,187,187,87           April 2017         44,882,413,93         October 2021         17,622,403,42         March 2026         6,965,951,86           June 2017         44,887,068,88         November 2021         17,295,260,89         April 2026         6,767,687,52           July 2017         44,873,068,88         November 2021         17,622,403,42         March 2026         6,576,848,43           August 2017         44,863,043,22         January 2022         16,656,528,37         June 2026         5,546,625,33           September 2017         41,216,666,19         March 2022         16,637,489,28         August 2026         5,347,6315,4           November 2017         40,368,0		51,220,045.32	February 2021	20,435,018.74	July 2025	7,087,075.24
November 2016		50,378,641.92	March 2021	20,063,644.79		6,930,653.71
December 2016	November 2016	49,549,865.73	April 2021	19,698,095.06	September 2025	6,776,860.88
February 2017	December 2016	48,733,535.66		19,338,284.10	October 2025	6,625,656.89
March 2017         46,357,448.94         August 2021         18,292,447.26         January 2026         6,187,187.87           April 2017         45,589,142.48         September 2021         17,954,760.70         February 2026         6,045,951.96           May 2017         44,882,413.93         October 2021         17,295,296.88         April 2026         5,907,114.02           July 2017         44,387,096.88         November 2021         17,295,296.88         April 2026         5,770,637.54           July 2017         43,352,027.24         December 2021         16,937,364.44         May 2026         5,636,486.45           August 2017         42,630,043.22         January 2022         16,636,528.37         June 2026         5,356,462.53           September 2017         41,917,995.30         February 2022         16,347,14.81         July 2026         5,375,019.18           November 2017         40,526,020.81         April 2022         15,738,688.75         September 2026         5,247,633.44           November 2017         39,845,806.24         May 2022         15,146,215.74         November 2026         4,789,624.04           Agara 2018         33,516,586.0         July 2012         15,146,215.74         November 2026         4,789,624.04           February 2018         33,516,586.	January 2017	47,929,473.14	June 2021	18,984,127.66	November 2025	6,477,002.45
April 2017.	February 2017	47,137,502.10	July 2021	18,635,542.67	December 2025	6,330,858.83
May 2017         44,832,413.93         October 2021         17,622,403.42         March 2026         5,907,114.02           Juny 2017         44,087,096.88         November 2021         15,933,640.4         May 2026         5,636,486.45           July 2017         43,353,027.24         December 2021         16,973,364.04         May 2026         5,636,486.45           August 2017         42,630,043.22         January 2022         16,656,528.37         June 2026         5,376,019.18           September 2017         41,216,696.19         March 2022         16,037,849.28         August 2026         5,376,019.18           October 2017         40,626,620.81         April 2022         15,438,671.23         October 2026         4,599,385.40           November 2017         39,845,806.24         May 2022         15,438,671.23         October 2026         4,599,388.40           January 2018         38,516,158.60         July 2022         14,586,212.32         December 2026         4,759,624.04           March 2018         37,266,430.32         August 2022         14,575,222.01         January 2027         4,628,802.23           May 2018         36,596,442.24         October 2022         14,296,546.82         February 2027         4,528,082.25           July 2018         35,675,899.48	March 2017	46,357,448.94	August 2021	18,292,447.26	January 2026	6,187,187.87
May 2017         44,832,413.93         October 2021         17,622,403.42         March 2026         5,907,114.02           Juny 2017         44,087,096.88         November 2021         15,933,640.4         May 2026         5,636,486.45           July 2017         43,353,027.24         December 2021         16,973,364.04         May 2026         5,636,486.45           August 2017         42,630,043.22         January 2022         16,656,528.37         June 2026         5,376,019.18           September 2017         41,216,696.19         March 2022         16,037,849.28         August 2026         5,376,019.18           October 2017         40,626,620.81         April 2022         15,438,671.23         October 2026         4,599,385.40           November 2017         39,845,806.24         May 2022         15,438,671.23         October 2026         4,599,388.40           January 2018         38,516,158.60         July 2022         14,586,212.32         December 2026         4,759,624.04           March 2018         37,266,430.32         August 2022         14,575,222.01         January 2027         4,628,802.23           May 2018         36,596,442.24         October 2022         14,296,546.82         February 2027         4,528,082.25           July 2018         35,675,899.48	April 2017	45,589,142.48	September 2021	17,954,760.70	February 2026	6,045,951.96
June 2017         44,087,096.88         November 2021         17,295,296.98         April 2026         5,770,637.52           July 2017         43,353,027.24         December 2021         16,656,528.37         June 2026         5,504,625.33           September 2017         41,917,985.30         February 2022         16,656,528.37         June 2026         5,5375,019.18           Cotober 2017         41,216,696.19         March 2022         16,344,714.81         July 2026         5,247,633.54           November 2017         40,526,020.81         April 2022         15,735,858.75         September 2026         5,212,434.44           December 2017         39,845,506.24         May 2022         15,438,671.23         October 2026         4,899,388.40           January 2018         38,516,158.60         July 2022         14,858,422.32         December 2026         4,759,624.04           March 2018         37,506,430.32         August 2022         14,575,222.01         January 2027         4,624,841.17           April 2018         37,566,430.32         August 2022         14,296,648.2         February 2027         4,528,882.25           May 2018         36,566,442.24         October 2022         14,022,329.73         March 2027         4,528,882.25           May 2018         35,364,805.57 <td></td> <td>44,832,413.93</td> <td>October 2021</td> <td>17,622,403.42</td> <td>March 2026</td> <td>5,907,114.02</td>		44,832,413.93	October 2021	17,622,403.42	March 2026	5,907,114.02
August 2017         42,630,043.22         January 2022         16,656,528.37         June 2026         5,504,625.33           September 2017         41,917,985.30         February 2022         16,344,714.81         July 2026         5,375,019.18           October 2017         41,216,696.91         March 2022         15,738,685.75         September 2026         5,247,633.54           November 2017         39,845,806.24         May 2022         15,738,685.75         September 2026         4,999,388.40           January 2018         39,175,901.72         June 2022         15,146,215.74         November 2026         4,7878,462.44           February 2018         38,516,158.60         July 2022         14,875,222.01         January 2027         4,642,841.17           April 2018         37,866,430.32         August 2022         14,575,222.01         January 2027         4,628,082.25           May 2018         35,596,442.24         October 2022         14,296,546.82         February 2027         4,458,082.25           May 2018         35,978,899.48         Nowember 2022         13,487,006.57         March 2027         4,415,516.16           June 2018         35,648.25.7         December 2022         13,487,006.57         May 2027         4,195,640.27           July 2018         35,678,899.48		44,087,096.88	November 2021	17,295,296.98	April 2026	5,770,637.52
August 2017.         42,630,043.22         January 2022         16,556,528.37         June 2026.         5,504,625.33           September 2017.         41,917,985.30         February 2022         16,344,714.81         July 2026.         5,375,019.18           October 2017.         40,526,020.81         April 2022.         15,738,858.75         September 2026.         5,224,7633.54           November 2017.         39,845,806.24         May 2022.         15,138,867.123         October 2026.         4,999,388.40           January 2018.         39,175,901.72         June 2022.         15,146,215.74         November 2026.         4,7878,462.44           February 2018.         38,516,158.60         July 2022.         14,875,222.01         January 2027.         4,628,41.74           April 2018.         37,866,430.32         August 2022.         14,757,522.01         January 2027.         4,628,41.74           April 2018.         37,526,572.36         September 2022.         14,296,546.82         February 2027.         4,28,080.25           May 2018.         36,598,442.24         October 2022.         13,487,006.57         March 2027.         4,415,616.16           June 2018.         35,364,805.57         December 2022.         13,487,006.57         May 2027.         4,195,640.27           July 2018.	July 2017	43,353,027.24	December 2021	16,973,364.04	May 2026	5,636,486.45
September 2017         41,917,985,30         February 2022         16,344,714.81         July 2026         5,375,019.18           October 2017         41,216,696.19         March 2022         16,037,849.28         August 2026         5,247,633.54           November 2017         40,526,020.81         April 2022         15,738,858.75         September 2026         4,993,888.40           January 2018         39,175,901.72         June 2022         15,438,671.23         October 2026         4,898,888.40           Hebruary 2018         33,516,158.60         July 2022         14,858,422.32         December 2026         4,759,624.04           March 2018         37,566,430.32         August 2022         14,858,422.32         December 2026         4,622,841.17           April 2018         37,526,572.36         September 2022         14,296,546.82         February 2027         4,528,082.25           May 2018         36,596,442.24         October 2022         14,022,329.73         March 2027         4,195,640.27           July 2018         35,264,805.57         December 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.95         January 2023         13,225,771.17         June 2027         4,086,870.46           September 2018         34,7	August 2017	42,630,043.22	January 2022	16,656,528.37		5,504,625.33
October 2017         41,216,696,19         March 2022         16,037,849.28         August 2026         5,247,635,54           November 2017         40,526,020.81         April 2022         15,738,585.75         September 2026         5,122,434,44           December 2017         39,845,806.24         May 2022         15,438,671.23         October 2026         4,999,388.40           January 2018         39,175,901.72         June 2022         14,516,215.74         November 2026         4,878,462.44           February 2018         38,516,158.60         July 2022         14,875,222.30         December 2026         4,759,624.04           March 2018         37,866,430.32         August 2022         14,575,222.01         January 2027         4,628,411.7           April 2018         37,226,572.36         September 2022         14,296,546.82         February 2027         4,528,082.25           May 2018         36,596,442.24         October 2022         13,487,006.57         March 2027         4,153,161.24           July 2018         35,697,589.48         November 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.55         January 2023         12,268,735.22         July 2017         4,086,570.46           September 2018         34,170,4		41,917,985.30	-	16,344,714.81		5,375,019.18
November 2017         40,526,020.81         April 2022         15,735,586.75         September 2026         4,122,434.44           December 2017         39,845,806.24         May 2022         15,438,671.23         October 2026         4,999,388.40           January 2018         39,175,901.72         June 2022         15,146,215.74         November 2026         4,878,462.44           February 2018         38,516,158.60         July 2022         14,8575,222.01         January 2027         4,642,841.17           April 2018         37,286,572.36         September 2022         14,296,546.82         February 2027         4,528,082.25           May 2018         36,596,442.24         October 2022         14,022,329.73         March 2027         4,415,316.16           July 2018         35,975,899.48         November 2022         13,752,504.69         April 2027         4,405,402.47           July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,195,640.24           July 2018         34,763,023.95         January 2023         13,225,771.17         June 2027         4,084,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,883,320.40           November 2018         32,568,6	October 2017	41,216,696.19			August 2026	5,247,633.54
December 2017   39,845,806.24   May 2022   15,438,671.23   October 2026   4,999,388.40   January 2018   39,175,901.72   June 2022   15,146,215.74   November 2026   4,759,624.04   March 2018   38,516,158.60   July 2022   14,858,422.32   December 2026   4,759,624.04   March 2018   37,866,430.32   August 2022   14,575,222.01   January 2027   4,642,841.17   April 2018   37,226,572.36   September 2022   14,296,546.82   February 2027   4,528,082.25   May 2018   36,596,442.24   October 2022   13,675,204.69   April 2027   4,415,316.16   June 2018   35,975,899.48   November 2022   13,475,204.69   April 2027   4,304,512.24   July 2018   35,364,805.57   December 2022   13,487,006.57   May 2027   4,086,670.46   September 2018   34,170,419.97   February 2023   12,968,735.22   July 2027   3,983,573.48   October 2018   33,586,860.88   March 2023   12,968,735.22   July 2027   3,983,573.48   October 2018   33,586,860.88   March 2023   12,467,013.05   September 2018   33,404,483.63   July 2023   12,222,204.73   October 2027   3,679,232.38   January 2019   31,889,153.23   June 2023   11,981,351.64   November 2027   3,581,341.68   February 2019   31,340,483.08   July 2023   11,981,351.64   November 2027   3,581,381.66   February 2019   30,600,221.52   August 2023   11,271,276.43   January 2028   3,297,956.74   April 2019   30,268,246.61   September 2023   11,281,939.04   February 2028   3,297,956.74   April 2019   29,248,677.55   November 2023   11,281,939.04   February 2028   3,297,956.74   April 2019   28,720,848.00   December 2023   11,616,6326.31   March 2028   3,294,950.46   August 2019   28,720,848.00   December 2023   10,616,053.25   May 2028   3,294,950.46   August 2019   28,720,848.00   December 2023   10,616,053.25   May 2028   3,294,950.46   August 2019   28,720,848.00   December 2023   10,616,053.25   May 2028   2,583,373.07   October 2019   27,728,922.76   February 2024   10,401,284.10   June 2028   2,583,373.07   October 2019   27,728,922.76   February 2024   10,401,284.10   June 2028   2,583,373.07   October 2019		40,526,020.81	April 2022	15,735,858.75		5,122,434.44
January 2018   39,175,901.72   June 2022   15,146,215.74   November 2026   4,878,462.44   February 2018   38,516,158.60   July 2022   14,858,422.32   December 2026   4,759,624.04   March 2018   37,866,430.32   August 2022   14,296,546.82   February 2027   4,642,841.17   April 2018   37,226,572.36   September 2022   14,296,546.82   February 2027   4,528,082.25   May 2018   36,596,442.24   October 2022   14,022,329.73   March 2027   4,304,512.24   July 2018   35,975,899.48   November 2022   13,752,504.69   April 2027   4,304,512.24   July 2018   35,364,805.57   December 2022   13,487,006.57   May 2027   4,195,640.27   August 2018   34,763,023.95   January 2023   13,225,771.17   June 2027   4,088,670.46   September 2018   34,170,419.97   February 2023   12,268,735.22   July 2027   3,983,573.48   October 2018   33,586,860.88   March 2023   12,467,013.05   September 2027   3,778,882.73   December 2018   33,512,215.79   April 2023   12,467,013.05   September 2027   3,679,232.38   January 2019   31,889,153.23   June 2023   12,222,204.73   October 2027   3,679,232.38   January 2019   31,889,153.23   June 2023   11,981,351.64   November 2027   3,483,146.88   February 2019   31,340,483.08   July 2023   11,744,394.89   December 2027   3,483,146.88   February 2019   30,800,221.52   August 2023   11,511,276.43   January 2028   3,390,730.54   April 2019   30,268,246.61   September 2023   11,266,326.31   March 2028   3,297,966.74   Amy 2019   29,744,438.13   October 2023   11,616,633.25   May 2028   3,207,835.88   June 2019   29,228,677.55   November 2023   10,616,053.25   May 2028   3,117,342.23   July 2019   28,720,848.00   December 2023   10,616,053.25   May 2028   2,943,135.16   November 2019   27,243,801.48   March 2024   9,982,214.31   August 2028   2,943,135.16   November 2019   27,243,801.48   March 2024   9,982,214.31   August 2028   2,943,135.16   November 2019   26,296,689.52   May 2024   9,777,809.46   September 2028   2,533,300.49   September 2029   25,334,666.49   September 2024   9,977,769.46   September 2028	December 2017	39,845,806.24		15,438,671.23	October 2026	4,999,388.40
February 2018         38,516,158.60         July 2022         14,858,422.32         December 2026         4,759,624.04           March 2018         37,866,430.32         August 2022         14,575,222.01         January 2027         4,622,841.17           April 2018         37,265,672.36         September 2022         14,296,546.82         February 2027         4,528,082.25           May 2018         36,596,442.24         October 2022         14,022,329.73         March 2027         4,415,316.16           June 2018         35,975,889.48         November 2022         13,752,504.69         April 2027         4,304,512.24           July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.95         January 2023         12,258,771.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,883,573.48           October 2018         33,586,860.88         March 2023         12,476,131.05         September 2027         3,778,882.73           December 2018         32,446,355.65         May 2023         12,467,013.05         September 2027         3,679,232.38           January 2019         31,889,	January 2018	39,175,901.72			November 2026	
March 2018         37,866,430.32         August 2022         14,575,222.01         January 2027         4,642,841.17           April 2018         37,226,572.36         September 2022         14,296,546.82         February 2027         4,528,082.25           May 2018         36,596,442.24         October 2022         14,022,329.73         March 2027         4,304,512.24           July 2018         35,975,899.48         November 2022         13,752,504.69         April 2027         4,304,512.24           July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.95         January 2023         13,225,771.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,983,573.48           October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,880,320.40           November 2018         32,446,355.65         May 2023         12,246,013.05         September 2027         3,778,882.73           December 2019         31,889,153.23         June 2023         11,913,316.64         November 2027         3,581,341.68           February 2019         31,340,48	February 2018	38,516,158.60			December 2026	4,759,624.04
April 2018         37,226,572.36         September 2022         14,296,546.82         February 2027         4,528,082.25           May 2018         36,596,442.24         October 2022         14,022,329.73         March 2027         4,415,316.16           June 2018         35,975,899.48         November 2022         13,752,504.69         April 2027         4,304,512.24           July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,986,60.27           August 2018         34,763,023.95         January 2023         12,257,71.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,983,573.48           October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,883,573.48           October 2018         33,912,215.79         April 2023         12,467,013.05         September 2027         3,778,882.73           December 2018         32,446,355.65         May 2023         12,222,204.73         October 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,781,345.48         November 2027         3,581,341.68           February 2019         31,804,483.						
May 2018         36,596,442.24         October 2022         14,022,329.73         March 2027         4,415,316.16           June 2018         35,975,899.48         November 2022         13,752,504.69         April 2027         4,304,512.24           July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.95         January 2023         12,25,771.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,983,573.48           October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,880,320.40           November 2018         32,446,355.65         May 2023         12,222,204.73         October 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,849,153.23         June 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,268,246.61         September 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61 </td <td>April 2018</td> <td>37,226,572.36</td> <td></td> <td>14,296,546.82</td> <td>February 2027</td> <td>4,528,082.25</td>	April 2018	37,226,572.36		14,296,546.82	February 2027	4,528,082.25
June 2018         35,975,899.48         November 2022         13,752,504.69         April 2027         4,304,512.24           July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.95         January 2023         13,225,771.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,983,573.48           October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,880,320.40           November 2018         33,012,215.79         April 2023         12,467,013.05         September 2027         3,778,882.73           December 2018         32,446,355.65         May 2023         11,281,351.64         November 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           Mg 2019         29,724,677.	May 2018	36,596,442.24		14,022,329.73		4,415,316.16
July 2018         35,364,805.57         December 2022         13,487,006.57         May 2027         4,195,640.27           August 2018         34,763,023.95         January 2023         13,225,771.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,983,573.48           October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,880,320.40           November 2018         33,012,215.79         April 2023         12,467,013.05         September 2027         3,778,882,73           December 2018         32,446,355.65         May 2023         11,981,351.64         November 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,488.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,281,939.04         February 2028         3,206,835.88           June 2019         29,72		35,975,899.48	November 2022	13,752,504.69		4,304,512.24
August 2018         34,763,023.95         January 2023         13,225,771.17         June 2027         4,088,670.46           September 2018         34,170,419.97         February 2023         12,968,735.22         July 2027         3,983,573.48           October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,880,320.40           November 2018         33,012,215.79         April 2023         12,467,013.05         September 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,860,221.52         August 2023         11,511,276.43         January 2028         3,297,956.74           May 2019         30,860,221.52         August 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         10,56,326.31         March 2028         3,217,956.74           Ayuly 2019         29,228,677.	July 2018	35,364,805.57	December 2022	13,487,006.57		4,195,640.27
October 2018         33,586,860.88         March 2023         12,715,836.34         August 2027         3,880,320.40           November 2018         33,012,215.79         April 2023         12,467,013.05         September 2027         3,778,882.73           December 2018         32,446,355.65         May 2023         12,222,204.73         October 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,206,835.88           July 2019         29,228,677.55         November 2023         10,616,053.25         May 2028         3,117,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,285,873.07           October 2019         27,728,522.		34,763,023.95	January 2023	13,225,771.17	June 2027	4,088,670.46
November 2018         33,012,215.79         April 2023         12,467,013.05         September 2027         3,778,882.73           December 2018         32,446,355.65         May 2023         12,222,204.73         October 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,297,956.74           June 2019         29,228,677.55         November 2023         10,834,382.65         April 2028         3,217,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,5	September 2018	34,170,419.97	February 2023	12,968,735.22	July 2027	3,983,573.48
December 2018         32,446,355.65         May 2023         12,222,204.73         October 2027         3,679,232.38           January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,206,835.88           June 2019         29,228,677.55         November 2023         10,816,053.25         April 2028         3,173,422.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.	October 2018	33,586,860.88	March 2023	12,715,836.34		3,880,320.40
January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,206,835.88           June 2019         29,228,677.55         November 2023         10,616,053.25         May 2028         3,117,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02	November 2018	33,012,215.79	April 2023	12,467,013.05	September 2027	3,778,882.73
January 2019         31,889,153.23         June 2023         11,981,351.64         November 2027         3,581,341.68           February 2019         31,340,483.08         July 2023         11,744,394.89         December 2027         3,485,183.36           March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,206,835.88           June 2019         29,228,677.55         November 2023         10,616,053.25         May 2028         3,117,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02	December 2018	32,446,355.65	May 2023	12,222,204.73	October 2027	3,679,232.38
March 2019         30,800,221.52         August 2023         11,511,276.43         January 2028         3,390,730.54           April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,206,835.88           June 2019         29,228,677.55         November 2023         10,834,382.65         April 2028         3,117,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66	January 2019	31,889,153.23		11,981,351.64	November 2027	3,581,341.68
April 2019         30,268,246.61         September 2023         11,281,939.04         February 2028         3,297,956.74           May 2019         29,744,438.13         October 2023         11,056,326.31         March 2028         3,206,835.88           June 2019         29,228,677.55         November 2023         10,834,382.65         April 2028         3,117,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,513,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.6	February 2019	31,340,483.08	July 2023	11,744,394.89	December 2027	3,485,183.36
May 201929,744,438.13October 202311,056,326.31March 20283,206,835.88June 201929,228,677.55November 202310,834,382.65April 20283,117,342.23July 201928,720,848.00December 202310,616,053.25May 20283,029,450.46August 201928,220,834.27January 202410,401,284.10June 20282,943,135.61September 201927,728,522.76February 202410,190,021.95July 20282,858,373.07October 201927,243,801.48March 20249,982,214.31August 20282,775,138.60November 201926,766,560.02April 20249,777,809.46September 20282,693,408.31December 201926,296,689.52May 20249,576,756.41October 20282,613,158.67January 202025,834,082.66June 20249,379,004.89November 20282,534,366.49February 202025,378,633.63July 20249,184,505.37December 20282,457,008.91March 202024,930,238.11August 20248,993,209.02January 20292,381,063.42April 202024,488,793.26September 20248,805,067.71February 20292,306,507.83May 202024,054,197.69October 20248,620,034.00March 20292,233,330.29	March 2019	30,800,221.52	August 2023	11,511,276.43	January 2028	3,390,730.54
June 2019         29,228,677.55         November 2023         10,834,382.65         April 2028         3,117,342.23           July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.63         July 2024         9,184,505.37         December 2028         2,457,008.91           March 2020         24,930,238.11         August 2024         8,993,209.02         January 2029         2,381,063.42           April 2020         24,488,793.26 <td>April 2019</td> <td>30,268,246.61</td> <td>September 2023</td> <td>11,281,939.04</td> <td>February 2028</td> <td>3,297,956.74</td>	April 2019	30,268,246.61	September 2023	11,281,939.04	February 2028	3,297,956.74
July 2019         28,720,848.00         December 2023         10,616,053.25         May 2028         3,029,450.46           August 2019         28,220,834.27         January 2024         10,401,284.10         June 2028         2,943,135.61           September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.63         July 2024         9,184,505.37         December 2028         2,457,008.91           March 2020         24,930,238.11         August 2024         8,993,209.02         January 2029         2,381,063.42           April 2020         24,488,793.26         September 2024         8,805,067.71         February 2029         2,306,507.83           May 2020         24,054,197.69<	May 2019	29,744,438.13	October 2023	11,056,326.31	March 2028	3,206,835.88
August 2019       28,220,834.27       January 2024       10,401,284.10       June 2028       2,943,135.61         September 2019       27,728,522.76       February 2024       10,190,021.95       July 2028       2,858,373.07         October 2019       27,243,801.48       March 2024       9,982,214.31       August 2028       2,775,138.60         November 2019       26,766,560.02       April 2024       9,777,809.46       September 2028       2,693,408.31         December 2019       26,296,689.52       May 2024       9,576,756.41       October 2028       2,613,158.67         January 2020       25,834,082.66       June 2024       9,379,004.89       November 2028       2,534,366.49         February 2020       25,378,633.63       July 2024       9,184,505.37       December 2028       2,457,008.91         March 2020       24,930,238.11       August 2024       8,993,209.02       January 2029       2,381,063.42         April 2020       24,488,793.26       September 2024       8,805,067.71       February 2029       2,306,507.83         May 2020       24,054,197.69       October 2024       8,620,034.00       March 2029       2,233,320.29	June 2019	29,228,677.55	November 2023	10,834,382.65	April 2028	3,117,342.23
September 2019         27,728,522.76         February 2024         10,190,021.95         July 2028         2,858,373.07           October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.63         July 2024         9,184,505.37         December 2028         2,457,008.91           March 2020         24,930,238.11         August 2024         8,993,209.02         January 2029         2,381,063.42           April 2020         24,488,793.26         September 2024         8,805,067.71         February 2029         2,306,507.83           May 2020         24,054,197.69         October 2024         8,620,034.00         March 2029         2,233,320.29	July 2019	28,720,848.00	December 2023	10,616,053.25	May 2028	3,029,450.46
October 2019         27,243,801.48         March 2024         9,982,214.31         August 2028         2,775,138.60           November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.63         July 2024         9,184,505.37         December 2028         2,457,008.91           March 2020         24,930,238.11         August 2024         8,993,209.02         January 2029         2,381,063.42           April 2020         24,488,793.26         September 2024         8,805,067.71         February 2029         2,306,507.83           May 2020         24,054,197.69         October 2024         8,620,034.00         March 2029         2,233,320.29	August 2019	28,220,834.27	January 2024	10,401,284.10	June 2028	2,943,135.61
November 2019         26,766,560.02         April 2024         9,777,809.46         September 2028         2,693,408.31           December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.63         July 2024         9,184,505.37         December 2028         2,457,008.91           March 2020         24,930,238.11         August 2024         8,993,209.02         January 2029         2,381,063.42           April 2020         24,488,793.26         September 2024         8,805,067.71         February 2029         2,306,507.83           May 2020         24,054,197.69         October 2024         8,620,034.00         March 2029         2,233,320.29	September 2019	27,728,522.76	February 2024	10,190,021.95	July 2028	2,858,373.07
December 2019         26,296,689.52         May 2024         9,576,756.41         October 2028         2,613,158.67           January 2020         25,834,082.66         June 2024         9,379,004.89         November 2028         2,534,366.49           February 2020         25,378,633.63         July 2024         9,184,505.37         December 2028         2,457,008.91           March 2020         24,930,238.11         August 2024         8,993,209.02         January 2029         2,381,063.42           April 2020         24,488,793.26         September 2024         8,805,067.71         February 2029         2,306,507.83           May 2020         24,054,197.69         October 2024         8,620,034.00         March 2029         2,233,320.29	October 2019	27,243,801.48	March 2024	9,982,214.31	August 2028	2,775,138.60
January 2020       25,834,082.66       June 2024       9,379,004.89       November 2028       2,534,366.49         February 2020       25,378,633.63       July 2024       9,184,505.37       December 2028       2,457,008.91         March 2020       24,930,238.11       August 2024       8,993,209.02       January 2029       2,381,063.42         April 2020       24,488,793.26       September 2024       8,805,067.71       February 2029       2,306,507.83         May 2020       24,054,197.69       October 2024       8,620,034.00       March 2029       2,233,320.29	November 2019	26,766,560.02	April 2024	9,777,809.46	September 2028	2,693,408.31
February 2020       25,378,633.63       July 2024       9,184,505.37       December 2028       2,457,008.91         March 2020       24,930,238.11       August 2024       8,993,209.02       January 2029       2,381,063.42         April 2020       24,488,793.26       September 2024       8,805,067.71       February 2029       2,306,507.83         May 2020       24,054,197.69       October 2024       8,620,034.00       March 2029       2,233,320.29	December 2019	26,296,689.52	May 2024	9,576,756.41	October 2028	2,613,158.67
February 2020       25,378,633.63       July 2024       9,184,505.37       December 2028       2,457,008.91         March 2020       24,930,238.11       August 2024       8,993,209.02       January 2029       2,381,063.42         April 2020       24,488,793.26       September 2024       8,805,067.71       February 2029       2,306,507.83         May 2020       24,054,197.69       October 2024       8,620,034.00       March 2029       2,233,320.29	January 2020	25,834,082.66	June 2024	9,379,004.89	November 2028	2,534,366.49
March 2020       24,930,238.11       August 2024       8,993,209.02       January 2029       2,381,063.42         April 2020       24,488,793.26       September 2024       8,805,067.71       February 2029       2,306,507.83         May 2020       24,054,197.69       October 2024       8,620,034.00       March 2029       2,233,320.29	February 2020	25,378,633.63	July 2024	9,184,505.37	December 2028	2,457,008.91
April 2020       24,488,793.26       September 2024       8,805,067.71       February 2029       2,306,507.83         May 2020       24,054,197.69       October 2024       8,620,034.00       March 2029       2,233,320.29		24,930,238.11		8,993,209.02	January 2029	2,381,063.42
May 2020	April 2020	24,488,793.26	September 2024	8,805,067.71	February 2029	
	May 2020	24,054,197.69		8,620,034.00		
	June 2020	23,626,351.44	November 2024	8,438,061.14	April 2029	2,161,479.25

#### LG Class (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
May 2029	\$ 2,090,963.49	September 2030	\$ 1,126,792.79	January 2032	\$ 422,218.43
June 2029	2,021,752.11	October 2030	1,075,845.90	February 2032	385,361.46
July 2029	1,953,824.50	November 2030	1,025,891.62	March 2032	349,267.95
August 2029	1,887,160.36	December 2030	976,913.95	April 2032	313,925.33
September 2029	1,821,739.69	January 2031	928,897.14	May 2032	279,321.22
October 2029	1,757,542.79	February 2031	881,825.67	June 2032	245,443.43
November 2029	1,694,550.24	March 2031	835,684.26	July 2032	212,279.95
December 2029	1,632,742.92	April 2031	790,457.84	3	*
January 2030	1,572,101.98	May 2031	746,131.58	August 2032	179,818.95
February 2030	1,512,608.85	June 2031	702,690.86	September 2032	148,048.77
March 2030	1,454,245.24	July 2031	660,121.29	October 2032	116,957.94
April 2030	1,396,993.13	August 2031	618,408.68	November 2032	86,535.16
May 2030	1,340,834.77	September 2031	577,539.07	December 2032	56,769.30
June 2030	1,285,752.66	October 2031	537,498.69	January 2033	27,649.39
July 2030	1,231,729.57	November 2031	498,273.99	February 2033 and	,
August 2030	1,178,748.52	December 2031	459,851.62	thereafter	0.00

#### Aggregate Group I Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance	\$42,978,000.00	January 2006	\$31,964,664.52	September 2008	\$19,544,680.78
June 2003	42,915,175.52	February 2006	31,468,465.88	October 2008	19,260,655.88
July 2003	42,831,481.84	March 2006	30,979,901.24	November 2008	18,982,280.52
August 2003	42,726,984.78	April 2006	30,498,900.58	December 2008	18,709,500.54
September 2003	42,601,774.40	May 2006	30,025,394.46	January 2009	18,442,262.24
October 2003	42,455,965.00	June 2006	29,559,313.96	February 2009	18,180,512.32
November 2003	42,289,695.00	July 2006	29,100,590.74	March 2009	17,924,197.92
December 2003	42,103,126.90	August 2006	28,649,156.98	April 2009	17,673,266.64
January 2004	41,896,447.16	September 2006	28,204,945.42	May 2009	17,427,666.44
February 2004	41,669,866.02	October 2006	27,767,889.30	June 2009	17,187,345.76
March 2004	41,423,617.32	November 2006	27,337,922.42	July 2009	16,952,253.42
April 2004	41,157,958.26	December 2006	26,914,979.12	August 2009	16,722,338.68
May 2004	40,873,169.16	January 2007	26,498,994.22	September 2009	16,497,551.18
June 2004	40,569,553.14	February 2007	26,089,903.08	October 2009	16,277,841.00
July 2004	40,247,435.78	March 2007	25,687,641.56	November 2009	16,063,158.62
August 2004	39,907,164.80	April 2007	25,292,146.06	December 2009	15,853,454.92
September 2004	39,549,109.58	May 2007	24,903,353.48	January 2010	15,648,681.16
October 2004	39,173,660.80	June 2007	24,521,201.20	February 2010	15,448,789.02
November 2004	38,781,229.92	July 2007	24,145,627.12	March 2010	15,253,730.56
December 2004	38,372,248.74	August 2007	23,776,569.64	April 2010	15,063,458.22
January 2005	37,947,168.82	September 2007	23,413,967.64	May 2010	14,877,924.84
February 2005	37,506,460.94	October 2007	23,057,760.48	June 2010	14,697,083.68
March 2005	37,050,614.50	November 2007	22,707,888.04	July 2010	14,520,888.32
April 2005	36,580,136.94	December 2007	22,364,290.64	August 2010	14,349,292.74
May 2005	36,095,553.02	January 2008	22,026,909.10	September 2010	14,182,251.32
June 2005	35,597,404.20	February 2008	21,695,684.72	October 2010	14,019,718.78
July 2005	35,086,247.96	March 2008	21,370,559.24	November 2010	13,861,650.24
August 2005	34,562,657.04	April 2008	21,051,474.92	December 2010	13,708,001.16
September 2005	34,027,218.68	May 2008	20,738,374.44	January 2011	13,558,727.38
October 2005	33,499,772.80	June 2008	20,431,200.94	February 2011	13,413,785.10
November 2005	32,980,246.56	July 2008	20,129,898.04	March 2011	13,273,130.86
December 2005	32,468,567.70	August 2008	19,834,409.82	April 2011	13,136,721.60

#### Aggregate Group I (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
May 2011	\$13,004,514.58	June 2013	\$ 9,672,428.88	July 2015	\$ 4,687,857.74
June 2011	12,876,467.40	July 2013	9,496,249.74	August 2015	4,471,596.96
July 2011	12,752,538.06	August 2013	9,317,473.28	September 2015	4,254,631.86
August 2011	12,632,684.86	September 2013	9,136,196.32	October 2015	4,037,018.44
September 2011	12,516,866.44	October 2013	8,952,513.68	November 2015	3,818,811.38
October 2011	12,405,041.80	November 2013	8,766,518.20	December 2015	3,600,064.14
November 2011	12,297,170.28	December 2013	8,578,300.80	January 2016	3,380,828.92
December 2011	12,193,211.56	January 2014	8,387,950.48	February 2016	3,161,156.70
January 2012	12,093,125.62	February 2014	8,195,554.40	March 2016	2,941,097.28
February 2012	11,996,872.82	March 2014	8,001,197.86	April 2016	2,720,699.28
March 2012	11,904,413.80	April 2014	7,804,964.38	May 2016	2,500,010.16
April 2012	11,798,333.32	May 2014	7,606,935.72	June 2016	, ,
May 2012	11,678,490.28	June 2014	7,407,191.86		2,279,076.28
June 2012	11,545,862.14	July 2014	7,205,811.10	July 2016	2,057,942.86
July 2012	11,409,179.42	August 2014	7,002,870.06	August 2016	1,836,654.02
August 2012	11,268,568.34	September 2014	6,798,443.72	September 2016	1,615,252.84
September 2012	11,124,152.62	October 2014	6,592,605.42	October 2016	1,393,781.34
October 2012	10,976,053.50	November 2014	6,385,426.90	November 2016	1,172,280.50
November 2012	10,824,389.80	December 2014	6,176,978.36	December 2016	950,790.30
December 2012	10,669,278.00	January 2015	5,967,328.44	January 2017	729,349.72
January 2013	10,510,832.20	February 2015	5,756,544.30	February 2017	507,996.76
February 2013	10,349,164.22	March 2015	5,544,691.58	March 2017	286,768.46
March 2013	10,184,383.64	April 2015	5,331,834.50	April 2017	65,700.92
April 2013	10,016,597.80	May 2015	5,118,035.82	May 2017 and	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
May 2013	9,845,911.88	June 2015	4,903,356.90	thereafter	0.00

# Aggregate Group II Targeted Balances

Distribution Date	Targeted Balance	Distribution Date	Targeted Balance	Distribution Date	Targeted Balance
Initial Balance	\$4,000,000.00	April 2005	\$3,381,602.48	March 2007	\$2,367,173.61
June 2003	3,993,892.76	May 2005	3,335,235.67	April 2007	2,331,748.43
July 2003	3,985,755.23	June 2005	3,287,655.07	May 2007	2,297,044.82
August 2003	3,975,593.77	July 2005	3,238,923.39	June 2007	2,263,054.42
September 2003	3,963,417.59	August 2005	3,189,104.96	July 2007	2,229,768.95
October 2003	3,949,238.67	September 2005	3,138,265.67	August 2007	2,197,180.19
November 2003	3,933,071.83	October 2005	3,088,323.48	September 2007	2,165,280.01
December 2003	3,914,934.70	November 2005	3,039,268.31	October 2007	2,134,060.38
January 2004	3,894,847.66	December 2005	2,991,090.21	November 2007	2,103,513.31
February 2004	3,872,833.90	January 2006	2,943,779.29	December 2007	2,073,630.92
March 2004	3,848,919.32	February 2006	2,897,325.79	January 2008	2,044,405.40
April 2004	3,823,132.56	March 2006	2,851,720.01	February 2008	2,015,828.99
May 2004	3,795,504.94	April 2006	2,806,952.38	March 2008	1,987,894.05
June 2004	3,766,070.39	May 2006	2,763,013.38	April 2008	1,960,592.99
July 2004	3,734,865.49	June 2006	2,719,893.62	May 2008	1,933,918.28
August 2004	3,701,929.32	July 2006	2,677,583.78	June 2008	1,907,862.50
September 2004	3,667,303.49	August 2006	2,636,074.63	July 2008	1,882,418.27
October 2004	3,631,032.04	September 2006	2,595,357.04	August 2008	1,857,578.30
November 2004	3,593,161.39	October 2006	2,555,421.97	September 2008	1,833,335.37
December 2004	3,553,740.26	November 2006	2,516,260.44	October 2008	1,809,682.34
January 2005	3,512,819.64	December 2006	2,477,863.58	November 2008	1,786,612.11
February 2005	3,470,452.65	January 2007	2,440,222.61	December 2008	1,764,117.68
March 2005	3,426,694.52	February 2007	2,403,328.83	January 2009	1,742,192.10

### Aggregate Group II (Continued)

Distribution Date	Targeted Balance	Distribution Date	Targeted Balance	Distribution Date	Targeted Balance
February 2009	\$1,720,828.51	January 2012	\$1,278,472.54	November 2014	\$ 861,976.46
March 2009	1,700,020.10	February 2012	1,273,293.53	December 2014	840,609.29
April 2009	1,679,760.13	March 2012	1,268,465.16	January 2015	818,836.92
May 2009	1,660,041.93	April 2012	1,263,982.76	February 2015	796,669.07
June 2009	1,640,858.89	May 2012	1,259,841.70	March 2015	774,115.33
July 2009	1,622,204.48	June 2012	1,255,954.76	April 2015	751,185.14
August 2009	1,604,072.22	July 2012	1,251,293.29	May 2015	727,887.79
September 2009	1,586,455.71	August 2012	1,245,872.34	June 2015	704,232.45
October 2009	1,569,348.60	September 2012	1,239,706.74	July 2015	680,228.14
November 2009	1,552,744.59	October 2012	1,232,811.13	August 2015	655,883.74
December 2009	1,536,637.48	November 2012	1,225,199.94	September 2015	631,208.00
January 2010	1,521,021.10	December 2012	1,216,887.37	October 2015	606,209.55
February 2010	1,505,889.37	January 2013	1,207,887.47	November 2015	580,896.87
March 2010	1,491,236.23	February 2013	1,198,214.04	December 2015	555,278.33
April 2010	1,477,055.72	March 2013	1,187,880.70	January 2016	529,362.14
May 2010	1,463,341.93	April 2013	1,176,900.90	February 2016	503,156.44
June 2010	1,450,088.99	May 2013	1,165,287.86	March 2016	476,669.18
July 2010	1,437,291.11	June 2013	1,153,054.64	April 2016	449,908.24
August 2010	1,424,942.54	July 2013	1,140,214.09	May 2016	422,881.35
October 2010	1,413,037.62 1,401,570.70	August 2013	1,126,778.91	June 2016	395,596.14
November 2010	1,390,536.23	September 2013	1,112,761.57	July 2016	368,060.10
December 2010	1,379,928.69	October 2013	1,098,174.40	August 2016	340,280.62
January 2011	1,369,742.62	November 2013	1,083,029.54	September 2016	312,264.97
February 2011	1,359,972.63	December 2013	1,067,338.94	October 2016	284,020.32
March 2011	1,350,613.37	January 2014	1,051,114.41	November 2016	255,553.69
April 2011	1,341,659.54	February 2014	1,034,367.54	December 2016	226,872.04
May 2011	1,333,105.91	March 2014	1,017,109.81	January 2017	197,982.18
June 2011	1,324,947.29	April 2014	999,352.49	February 2017	168,890.84
July 2011	1,317,178.54	May 2014	981,106.70	March 2017	139,604.63
August 2011	1,309,794.59	June 2014	962,383.39	April 2017	110,130.06
September 2011	1,302,790.41	July 2014	943,193.36	May 2017	61,641.62
October 2011	1,296,161.02	August 2014	923,547.25	June 2017	5,031.85
November 2011	1,289,901.49	September 2014	903,455.54	July 2017 and	.,
December 2011	1,284,006.94	October 2014	882,928.55	thereafter	0.00

#### Aggregate Group III Planned Balances

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
Initial Balance		May 2005	\$258,712,274.95	June 2006	\$207,329,758.65
through May 2004	\$299,702,000.00	June 2005	254,874,431.70	July 2006	203,472,296.96
June 2004	296,678,481.71	July 2005	250,979,621.10	August 2006	199,636,187.81
July 2004	293,578,633.85	August 2005	247,029,658.07	September 2006	195,821,320.19
August 2004	290.403.871.75	September 2005	243,026,382.18	October 2006	192,027,583.65
September 2004	287,155,650.70	October 2005	238,971,656.22	November 2006	188,254,868.33
October 2004	283,835,464.82	November 2005	234,939,308.14	December 2006	184,503,064.91
November 2004	280,444,845.97	December 2005	230,929,221.65	January 2007	180,772,064.66
December 2004	276,985,362.54	January 2006	226,941,281.05	February 2007	177,061,759.39
January 2005	273,458,618.28	February 2006	222,975,371.25	March 2007	173,372,041.48
February 2005	269,866,251.04	March 2006	219,031,377.73	April 2007	169,702,803.85
March 2005	266,209,931.53	April 2006	215,109,186.58	May 2007	166,053,939.99
April 2005	262,491,362.01	May 2006	211,208,684.47	June 2007	162,425,343.92

#### Aggregate Group III (Continued)

Distribution Date	Planned Balance	Distribution Date	Planned Balance	Distribution Date	Planned Balance
July 2007	\$158,816,910.22	March 2009	\$ 90,724,697.24	November 2010	\$ 33,659,355.08
August 2007	155,228,534.01	April 2009	87,516,257.88	December 2010	31,270,619.38
September 2007	151,660,110.95	May 2009	84,325,794.14	January 2011	28,922,817.12
October 2007	148,111,537.24	June 2009	81,153,212.41	February 2011	26,615,317.27
November 2007	144,582,709.60	July 2009	77,998,419.55	March 2011	24,347,498.02
December 2007	141,073,525.30	August 2009	74,861,322.92	April 2011	22,118,746.66
January 2008	137,583,882.13	September 2009	71,776,167.60	May 2011	19,928,459.43
February 2008	134,113,678.42	October 2009	68,742,612.79	June 2011	17,776,041.42
March 2008	130,662,813.00	November 2009	65,759,872.09	July 2011	15,660,906.42
April 2008	127,231,185.24	December 2009	62,827,170.54	· ·	
May 2008	123,818,695.02	January 2010	59,943,744.42	August 2011	13,582,476.81
June 2008	120,425,242.74	February 2010	57,108,841.13	September 2011	11,540,183.43
July 2008	117,050,729.31	March 2010	54,321,719.01	October 2011	9,533,465.48
August 2008	113,695,056.16	April 2010	51,581,647.17	November 2011	7,561,770.37
September 2008	110,358,125.21	May 2010	48,887,905.38	December 2011	5,624,553.63
October 2008	107,039,838.90	June 2010	46,239,783.89	January 2012	3,721,278.79
November 2008	103,740,100.17	July 2010	43,636,583.28	February 2012	1,851,417.24
December 2008	100,458,812.45	August 2010	41,077,614.33	March 2012	14,448.16
January 2009	97,195,879.69	September 2010	38,562,197.87	April 2012 and	,
February 2009	93,951,206.31	October 2010	36,089,664.62	thereafter	0.00

#### Aggregate Group IV Scheduled Balances

Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance
Initial Balance	\$105,969,000.00	September 2005	\$ 43,079,310.04	January 2008	\$ 7,991,370.00
June 2003	103,775,620.71	October 2005	41,167,524.26	February 2008	7,350,986.25
July 2003	101,403,398.20	November 2005	39,311,126.81	March 2008	6,746,488.40
August 2003	98,854,079.62	December 2005	37,509,295.24	April 2008	6,177,301.06
September 2003	96,129,610.33	January 2006	35,761,217.40	May 2008	5,642,856.23
October 2003	93,232,131.89	February 2006	34,066,091.31	June 2008	5,142,593.22
November 2003	90,163,979.72	March 2006	32,423,125.09	July 2008	4,675,958.57
December 2003	86,927,680.34	April 2006	30,831,536.78	August 2008	4,242,405.93
January 2004	83,525,948.30	May 2006	29,290,554.26	September 2008	3,841,396.02
February 2004	79,961,682.70	June 2006	27,799,415.14	October 2008	3,472,396.51
March 2004	76,237,963.39	July 2006	26,357,366.60	November 2008	3,134,881.96
April 2004	72,358,046.82	August 2006	24,963,665.33	December 2008	2,829,254.81
May 2004	68,325,361.52	September 2006	23,617,577.39	January 2009	2,564,492.47
June 2004	67,167,021.54	October 2006	22,318,378.11	February 2009	2,339,793.68
July 2004	65,939,596.03	November 2006	21,065,351.97	March 2009	2,154,369.66
August 2004	64,645,584.10	December 2006	19,857,792.52	April 2009	2,007,443.96
September 2004	63,287,595.72	January 2007	18,695,002.22	May 2009	1,898,252.23
October 2004	61,868,346.75	February 2007	17,576,292.39	June 2009	1,826,042.09
November 2004	60,390,653.66	March 2007	16,500,983.08	July 2009	1,790,072.93
December 2004	58,857,428.12	April 2007	15,468,402.97	August 2009	1,789,615.75
January 2005	57,271,671.27	May 2007	14,477,889.25	September 2009	1,789,615.75
February 2005	55,636,467.81	June 2007	13,528,787.57	October 2009	1,789,615.75
March 2005	53,954,979.93	July 2007	12,620,451.88	November 2009	1,789,615.75
April 2005	52,230,441.01	August 2007	11,752,244.37	December 2009	1,789,615.75
May 2005	50,466,149.21	September 2007	10,923,535.36	January 2010	1,789,615.75
June 2005	48,665,460.85	October 2007	10,133,703.20	February 2010	1,789,615.75
July 2005	46,831,783.68	November 2007	9,382,134.20	March 2010	1,789,615.75
August 2005	44,968,570.07	December 2007	8,668,222.50	April 2010	1,789,615.75

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

Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance
May 2010	\$ 1,789,615.75	February 2011	\$ 1,789,615.	75 October 2011	\$ 1,789,615.75
June 2010	1,789,615.75	March 2011	1,789,615.	75 November 2011	1,789,615.75
July 2010	1,789,615.75	April 2011	1,789,615.	75 December 2011	1,789,615.75
August 2010	1,789,615.75	May 2011	1,789,615.	75 January 2012	1,789,615.75
September 2010	1,789,615.75	· ·		5andary 2012	1,700,010.70
October 2010	1,789,615.75	June 2011	1,789,615.	February 2012	1,789,615.75
November 2010	1,789,615.75	July 2011	1,789,615.	75 March 2012	1,789,615.75
December 2010	1,789,615.75	August 2011	1,789,615.	75 April 2012 and	
January 2011	1,789,615.75	September 2011	1,789,615.		0.00

#### Group 3 MBS First Specified Balances

Distribution Date	First Specified Balance	Distribution Date	First Specified Balance	Distribution Date	First Specified Balance
Initial Balance	\$500,000,000.00	August 2006	\$299,855,413.84	November 2009	\$137,551,069.79
June 2003	497,734,612.53	September 2006	294,268,428.43	December 2009	134,621,411.53
July 2003	495,254,754.85	October 2006	288,771,044.77	January 2010	131,741,182.98
August 2003	492,562,497.30	November 2006	283,361,922.50	February 2010	128,909,625.80
September 2003	489,660,194.88	December 2006	278,039,740.58	March 2010	126,125,992.70
October 2003	486,550,484.75	January 2007	272,803,196.97	April 2010	123,389,547.33
November 2003	483,236,283.00	February 2007	267,651,008.42	May 2010	120,699,564.09
December 2003	479,720,780.85	March 2007	262,581,910.16	June 2010	118,055,328.00
January 2004	476,007,440.23	April 2007	257,594,655.68	July 2010	115,456,134.55
February 2004	472,099,988.66	May 2007	252,688,016.42	August 2010	112,901,289.52
March 2004	468,002,413.60	June 2007	247,860,781.56	September 2010	110,390,108.88
April 2004	463,718,956.18	July 2007	243,111,757.78	October 2010	107,921,918.61
May 2004	459,254,104.30	August 2007	238,439,768.94	November 2010	105,496,054.57
June 2004	454,612,585.15	September 2007	233,843,655.95	December 2010	103,111,862.36
July 2004	449,799,357.23	October 2007	229,322,276.41	January 2011	100,768,697.19
August 2004	444,819,601.75	November 2007	224,874,504.47	February 2011	98,465,923.71
September 2004	439,678,713.57	December 2007	220,499,230.55	March 2011	96,202,915.92
October 2004	434,382,291.53	January 2008	216,195,361.11	April 2011	93,979,057.01
November 2004	428,936,128.42	February 2008	211,961,818.44	May 2011	91,793,739.24
December 2004	423,346,200.39	March 2008	207,797,540.42	June 2011	89,646,363.78
January 2005	417,618,655.99	April 2008	203,701,480.32	July 2011	87,536,340.64
February 2005	411,759,804.76	May 2008	199,672,606.58	August 2011	85,463,088.50
March 2005	405,776,105.48	June 2008	195,709,902.56	September 2011	83,426,034.60
April 2005	399,674,154.04	July 2008	191,812,366.38	October 2011	81,424,614.60
May 2005	393,460,670.99	August 2008	187,979,010.68	November 2011	79,458,272.51
June 2005	387,142,488.85	September 2008	184,208,862.41	December 2011	77,526,460.51
July 2005	380,726,539.13	October 2008	180,500,962.67	January 2012	75,628,638.87
August 2005	374,219,839.17	November 2008	176,854,366.45	February 2012	73,764,275.82
September 2005	367,629,478.73	December 2008	173,268,142.47	March 2012	71,932,847.45
October 2005	360,962,606.55	January 2009	169,741,373.01	April 2012	70,133,837.59
November 2005	354,401,435.60	February 2009	166,273,153.63	May 2012	68,366,737.68
December 2005	347,944,394.15	March 2009	162,862,593.09	June 2012	66,631,046.71
January 2006	341,589,932.99	April 2009	159,508,813.09	July 2012	64,926,271.05
February 2006	335,336,525.19	May 2009	156,210,948.12	August 2012	63,251,924.39
March 2006	329,182,665.72	June 2009	152,968,145.24	September 2012	61,607,527.62
April 2006	323,126,871.17	July 2009	149,779,563.97	October 2012	59,992,608.74
May 2006	317,167,679.45	August 2009	146,644,376.04	November 2012	58,406,702.73
June 2006	311,303,649.49	September 2009	143,561,765.28	December 2012	56,849,351.47
July 2006	305,533,360.93	October 2009	140,530,927.38	January 2013	55,320,103.64

#### Group 3 MBS (Continued)

Distribution Date	First Specified Balance	Distribution Date	First Specified Balance	Distribution Date	First Specified Balance
February 2013	\$ 53,818,514.61	December 2014	\$ 26,960,056.74	September 2016	\$ 10,065,621.84
March 2013	52,344,146.38	January 2015	25,985,963.43	October 2016	9,427,301.38
April 2013	50,896,567.44	February 2015	25,030,637.26	November 2016	8,802,223.14
May 2013	49,475,352.68	March 2015	24,093,773.13	December 2016	8,190,165.76
June 2013	48,080,083.35	April 2015	23,175,070.55	January 2017	7,590,911.24
July 2013	46,710,346.91	May 2015	22,274,233.55	February 2017	7,004,244.94
August 2013	45,365,736.96	June 2015	21,390,970.61	March 2017	6,429,955.49
September 2013	44,045,853.18	July 2015	20,524,994.63	April 2017	5,867,834.74
October 2013	42,750,301.19	August 2015	19,676,022.83	May 2017	5,317,677.77
November 2013	41,478,692.50	September 2015	18,843,776.72	June 2017	4,779,282.76
December 2013	40,230,644.43	October 2015	18,027,982.00	July 2017	4,252,451.00
January 2014	39,005,780.02	November 2015	17,228,368.54	August 2017	3,736,986.84
February 2014	37,803,727.90	December 2015	16,444,670.29	September 2017	3,232,697.62
March 2014	36,624,122.30	January 2016	15,676,625.23	October 2017	
April 2014	35,466,602.90	February 2016	14,923,975.31	November 2017	2,739,393.66
May 2014	34,330,814.77	March 2016	14,186,466.41		2,256,888.18
June 2014	33,216,408.30	April 2016	13,463,848.24	December 2017	1,784,997.29
July 2014	32,123,039.11	May 2016	12,755,874.33	January 2018	1,323,539.92
August 2014	31,050,368.01	June 2016	12,062,301.95	February 2018	872,337.81
September 2014	29,998,060.86		, , ,	March 2018	431,215.44
October 2014	28,965,788.56	July 2016	11,382,892.08	April 2018 and	0.00
November 2014	27,953,226.95	August 2016	10,717,409.32	thereafter	0.00

# Group 3 MBS Second Specified Balances

Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance
Initial Balance	\$500,000,000.00	June 2005	\$362,869,188.76	July 2007	\$196,209,950.92
June 2003	497,568,389.31	July 2005	354,962,169.23	August 2007	191,280,189.89
July 2003	494,839,852.98	August 2005	346,962,416.33	September 2007	186,463,198.82
August 2003	491,817,141.67	September 2005	338,881,762.61	October 2007	181,756,528.25
September 2003	488,503,549.47	October 2005	330,732,077.69	November 2007	177,157,780.22
October 2003	484,902,910.57	November 2005	322,764,538.63	December 2007	172,664,607.25
November 2003	481,019,594.29	December 2005	314,975,244.23	January 2008	168,274,711.29
December 2003	476,858,498.48	January 2006	307,360,374.63	February 2008	163,985,842.70
January 2004	472,425,041.26	February 2006	299,916,189.59	March 2008	159,795,799.22
February 2004	467,725,151.07	March 2006	292,639,026.92	April 2008	155,702,425.07
March 2004	462,765,255.16	April 2006	285,525,300.83	May 2008	151,703,609.90
April 2004	457,552,266.38	May 2006	278,571,500.41	June 2008	147,797,287.92
May 2004	452,093,568.49	June 2006	271,774,188.04	July 2008	143,981,436.96
June 2004	446,396,999.84	July 2006	265,129,997.97	August 2008	140,254,077.55
July 2004	440,470,835.52	August 2006	258,635,634.76	September 2008	136,613,272.06
August 2004	434,323,768.20	September 2006	252,287,871.88	October 2008	133,057,123.83
September 2004	427,964,887.33	October 2006	246,083,550.33	November 2008	129,583,776.34
October 2004	421,403,657.27	November 2006	240,019,577.17	December 2008	126,191,412.33
November 2004	414,649,893.90	December 2006	234,092,924.25	January 2009	122,878,253.06
December 2004	407,713,740.21	January 2007	228,300,626.82	February 2009	119,642,557.45
January 2005	400,605,640.68	February 2007	222,639,782.27	March 2009	116,482,621.32
February 2005	393,336,314.68	March 2007	217,107,548.82	April 2009	113,396,776.66
March 2005	385,916,728.91	April 2007	211,701,144.31	May 2009	110,383,390.83
April 2005	378,358,069.02	May 2007	206,417,844.91	June 2009	107,440,865.85
May 2005	370,671,710.46	June 2007	201,254,983.99	July 2009	104,567,637.70

#### Group 3 MBS (Continued)

Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance
August 2009	\$101,762,175.58	August 2012	\$ 35,313,374.34	July 2015	\$ 9,275,061.43
September 2009	99,022,981.24	September 2012	34,188,141.42	August 2015	8,837,863.65
October 2009	96,348,588.32	October 2012	33,091,442.19	September 2015	8,413,063.46
November 2009	93,737,561.66	November 2012	32,022,620.84	October 2015	8,000,360.69
December 2009	91,188,496.66	December 2012	30,981,035.88	November 2015	7,599,461.88
January 2010	88,700,018.66	January 2013	29,966,059.76	December 2015	7,210,080.18
February 2010	86,270,782.30	February 2013	28,977,078.65	January 2016	6,831,935.17
March 2010	83,899,470.94	March 2013	28,013,492.10	February 2016	6,464,752.73
April 2010	81,584,796.00	April 2013	27,074,712.80	March 2016	6,108,264.95
May 2010	79,325,496.46	May 2013	26,160,166.26	April 2016	5,762,209.93
June 2010	77,120,338.23	June 2013	25,269,290.56	May 2016	5,426,331.69
July 2010	74,968,113.59	July 2013	24,401,536.09	June 2016	5,100,380.04
August 2010	72,867,640.69	August 2013	23,556,365.28	July 2016	4,784,110.43
September 2010	70,817,762.94	September 2013	22,733,252.35	August 2016	4,477,283.88
October 2010	68,817,348.55	October 2013	21,931,683.05	September 2016	4,179,666.79
November 2010	66,865,289.97	November 2013	21,151,154.44	October 2016	3,891,030.88
December 2010	64,960,503.39	December 2013	20,391,174.63	November 2016	3,611,153.06
January 2011	63,101,928.27	January 2014	19,651,262.54	December 2016	3,339,815.30
February 2011	61,288,526.83	February 2014	18,930,947.70	January 2017	3,076,804.54
March 2011	59,519,283.59	March 2014	18,229,769.98	February 2017	2,821,912.58
April 2011	57,793,204.88 56,109,318.41	April 2014	17,547,279.42	March 2017	2,574,935.97
June 2011	54,466,672.82	May 2014	16,883,035.99	April 2017	2,335,675.89
July 2011	52,864,337.23	June 2014	16,236,609.36	May 2017	2,103,938.09
August 2011	51,301,400.82	July 2014	15,607,578.74	June 2017	1,879,532.77
September 2011	49,776,972.40	August 2014	14,995,532.63	July 2017	1,662,274.45
October 2011	48,290,180.04	September 2014	14,400,068.65	August 2017	1,451,981.95
November 2011	46,840,170.58	October 2014	13,820,793.34	September 2017	1,248,478.21
December 2011	45,426,109.34	November 2014	13,257,321.97	October 2017	1,051,590.29
January 2012	44,047,179.66	December 2014	12,709,278.34	November 2017	861,149.19
February 2012	42,702,582.55	January 2015	12,176,294.63	December 2017	676,989.84
March 2012	41,391,536.30	February 2015	11,658,011.20	January 2018	498,950.97
April 2012	40,113,276.17	March 2015	11,154,076.39	February 2018	326,875.04
May 2012	38,867,053.95	April 2015	10,664,146.41	March 2018	160,608.16
June 2012	37,652,137.70	May 2015	10,187,885.12	April 2018 and	_55,555.10
July 2012	36,467,811.34	June 2015	9,724,963.89	thereafter	0.00

# $Aggregate\ Group\ V\ Scheduled\ Balances$

Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance
Initial Balance	\$225,000,000.00	April 2004	\$209,226,647.16	March 2005	\$181,113,533.42
June 2003	224,149,307.09	May 2004	207,129,141.02	April 2005	178,084,352.47
July 2003	223,178,444.16	June 2004	204,930,607.62	May 2005	174,992,900.42
August 2003	222,088,195.92	July 2004	202,633,870.17	June 2005	171,843,363.81
September 2003	220,879,542.92	August 2004	200,241,913.03	July 2005	168,640,000.50
October 2003	219,553,661.03	September 2004	197,757,875.60	August 2005	165,387,129.67
November 2003	218,111,920.39	October 2004	195,185,045.61	September 2005	162,089,121.72
December 2003	216,555,883.85	November 2004	192,526,852.05	October 2005	158,853,589.60
January 2004	214,887,304.84	December 2004	189,786,857.62	November 2005	155,679,385.19
February 2004	213,108,124.77	January 2005	186,968,750.86	December 2005	152,565,381.06
March 2004	211,220,469.79	February 2005	184,076,337.82	January 2006	149,510,470.11

#### Aggregate Group V (Continued)

Distribution Date	Scheduled Balance	DistributionDate	Scheduled Balance	Distribution Date	Scheduled Balance
February 2006	\$146,513,565.22	July 2010	\$ 48,210,243.62	December 2014	\$ 14,013,907.54
March 2006	143,573,598.86	August 2010	47,167,082.00	January 2015	13,663,540.29
April 2006	140,689,522.79	September 2010	46,144,561.19	February 2015	13,320,572.87
May 2006	137,860,307.66	October 2010	45,142,291.90	March 2015	12,984,860.66
June 2006	135,084,942.73	November 2010	44,159,891.99	April 2015	12,656,261.76
July 2006	132,362,435.50	December 2010	43,196,986.33	May 2015	12,334,636.89
August 2006	129,691,811.41	January 2011	42,253,206.65	June 2015	12,019,849.42
September 2006	127,072,113.47	February 2011	41,328,191.46	July 2015	11,711,765.27
October 2006	124,502,402.03	March 2011	40,421,585.88	August 2015	11,410,252.87
November 2006	121,981,754.39	April 2011	39,533,041.57	September 2015	11,115,183.12
December 2006	119,509,264.55	May 2011	38,662,216.57	October 2015	10,826,429.35
January 2007	117,084,042.90	June 2011	37,808,775.20	November 2015	10,543,867.27
February 2007	114,705,215.90	July 2011	36,972,387.96	December 2015	10,267,374.92
March 2007	112,371,925.83	August 2011	36,152,731.41	January 2016	9,996,832.63
April 2007	110,083,330.49	September 2011	35,349,488.04	February 2016	9,732,123.01
May 2007	107,838,602.93	October 2011	34,562,346.19	March 2016	9,473,130.85
June 2007	105,636,931.17	November 2011	33,790,999.95	April 2016	9,219,743.13
July 2007	103,477,517.92	December 2011	33,035,149.03	May 2016	8,971,848.94
August 2007	101,359,580.38	January 2012	32,294,498.66	June 2016	8,729,339.48
September 2007	99,282,349.88	February 2012	31,568,759.51	July 2016	8,492,107.99
October 2007	97,245,071.72	March 2012	30,857,647.60	August 2016	8,260,049.75
November 2007	95,247,004.87	April 2012	30,160,884.16	September 2016	8,033,061.98
December 2007	93,287,421.73	May 2012	29,478,195.57	October 2016	7,811,043.88
January 2008	91,365,607.93	June 2012	28,809,313.26	November 2016	7,593,896.53
February 2008	89,480,862.04	July 2012	28,153,973.62	December 2016	7,381,522.89
March 2008	87,632,495.34	August 2012	27,511,917.92	January 2017	7,173,827.77
April 2008	85,819,831.67	September 2012	26,882,892.17	February 2017	6,970,717.77
May 2008	84,042,207.09	October 2012	26,266,647.12	March 2017	6,772,101.25
June 2008	82,298,969.76	November 2012	25,662,938.10	April 2017	6,577,888.33
July 2008	80,589,479.67	December 2012	25,071,524.97	May 2017	6,387,990.83
August 2008	78,913,108.44	January 2013	24,492,172.05	June 2017	6,202,322.24
September 2008	77,269,239.13	February 2013	23,924,647.99	July 2017	6,020,797.68
October 2008	75,657,265.99	March 2013	23,368,725.75	August 2017	5,843,333.92
November 2008	74,076,594.31	April 2013	22,824,182.49	September 2017	5,669,849.28
December 2008	72,526,640.21	May 2013	22,290,799.50	October 2017	5,500,263.65
January 2009	71,006,830.42	June 2013	21,768,362.12	November 2017	5,334,498.44
February 2009	69,516,602.11	July 2013	21,256,659.68	December 2017	5,172,476.55
March 2009	68,055,402.70	August 2013	20,755,485.41	January 2018	5,014,122.38
April 2009	66,622,689.69	September 2013	20,264,636.38	February 2018	4,859,361.74
May 2009	65,217,930.44	October 2013	19,783,913.43	March 2018	4,708,121.88
June 2009	63,840,602.05	November 2013	19,313,121.11	April 2018	4,560,331.42
July 2009	62,490,191.13	December 2013	18,852,067.59	May 2018	4,415,920.35
August 2009	61,166,193.66	January 2014	18,400,564.62	June 2018	4,274,820.01
September 2009	59,868,114.82	February 2014	17,958,427.42	July 2018	4,136,963.05
October 2009	58,595,468.83	March 2014	17,525,474.70	August 2018	4,002,283.40
November 2009	57,347,778.75	April 2014	17,101,528.51	September 2018	3,870,716.28
December 2009	56,124,576.38	May 2014	16,686,414.21	October 2018	3,742,198.12
January 2010	54,925,402.05	June 2014	16,279,960.45	November 2018	3,616,666.60
February 2010	53,749,804.51	July 2014	15,881,999.03	December 2018	3,494,060.57
March 2010	52,597,340.74	August 2014	15,492,364.94	January 2019	3,374,320.09
April 2010	51,467,575.83	September 2014	15,110,896.20	February 2019	3,257,386.33
May 2010	50,360,082.83	October 2014	14,737,433.87	March 2019	3,143,201.64
June 2010	49,274,442.58	November 2014	14,371,822.01	April 2019	3,031,709.43

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

Distribution Date	Scheduled Balance		Distribution Date	Scheduled Balance	Distribution Date	Scheduled Balance
May 2019	\$ 2,922,854.24	5	September 2020	\$ 1,498,464.72	January 2022	\$ 549,995.89
June 2019	2,816,581.67	(	October 2020	1,426,915.16	February 2022	503,111.27
July 2019	2,712,838.36	1	November 2020	1,357,169.12	March 2022	457,501.07
August 2019	2,611,571.98	I	December 2020	1,289,188.40	April 2022	413,137.52
September 2019	2,512,731.23	J	anuary 2021	1,222,935.52	May 2022	369,993.37
October 2019	2,416,265.78	F	ebruary 2021	1,158,373.74	June 2022	328,041.91
November 2019	2,322,126.30	1	March 2021	1,095,467.05	July 2022	287,256.98
December 2019	2,230,264.39	A	April 2021	1,034,180.15	August 2022	247,612.94
January 2020	2,140,632.61	1	May 2021	974,478.42	September 2022	209,084.64
February 2020	2,053,184.41	J	une 2021	916,327.93	October 2022	171,647.45
March 2020	1,967,874.19	J	uly 2021	859,695.41	November 2022	135,277.24
April 2020	1,884,657.19	A	August 2021	804,548.25	December 2022	99,950.34
May 2020	1,803,489.54	S	September 2021	750,854.49	January 2023	65,643.57
June 2020	1,724,328.24	(	October 2021	698,582.79	February 2023	32,334.21
July 2020	1,647,131.11	1	November 2021	647,702.43	March 2023 and	•
August 2020	1,571,856.78	Ι	December 2021	598,183.30	thereafter	0.00

#### ZK Class Targeted Balances

Distribution Date	Targeted Balance	Distribution Date	Targeted Balance	Distribution Date	Targeted Balance
Initial Balance	\$15,000,000.00	January 2005	\$10,774,305.76	September 2006	\$ 4,119,123.94
June 2003	14,905,478.57	February 2005	10,452,926.54	October 2006	3,833,600.45
July 2003	14,797,604.92	March 2005	10,123,726.06	November 2006	3,553,528.50
August 2003	14,676,466.23	April 2005	9,787,150.40	December 2006	3,278,807.41
September 2003	14,542,171.46	May 2005	9,443,655.73	January 2007	3,009,338.34
October 2003	14,394,851.25	June 2005	9,093,707.22	February 2007	2,745,024.23
November 2003	14,234,657.85	July 2005	8,737,777.97	March 2007	2,485,769.78
December 2003	14,061,764.91	August 2005	8,376,347.88	April 2007	2,231,481.41
January 2004	13,876,367.25	September 2005	8,009,902.56	May 2007	1,982,067.24
February 2004	13,678,680.58	October 2005	7,650,399.00	· ·	
March 2004	13,468,941.14	November 2005	7,297,709.63	June 2007	1,737,437.05
April 2004	13,247,405.30	December 2005	6,951,709.18	July 2007	1,497,502.25
May 2004	13,014,349.07	January 2006	6,612,274.64	August 2007	1,262,175.86
June 2004	12,770,067.59	February 2006	6,279,285.21	September 2007	1,031,372.48
July 2004	12,514,874.54	March 2006	5,952,622.29	October 2007	805,008.24
August 2004	12,249,101.53	April 2006	5,632,169.40	November 2007	583,000.82
September 2004	11,973,097.38	May 2006	5,317,812.17	December 2007	365,269.37
October 2004	11,687,227.39	June 2006	5,009,438.29	January 2008	151,734.51
November 2004	11,391,872.55	July 2006	4,706,937.49	February 2008 and	,
December 2004	11,087,428.73	August 2006	4,410,201.48	thereafter	0.00

# Group 6 MBS First Specified Balances

Distribution Date	First Specified Balance	Distribution Date	First Specified Balance	Distribution Date	First Specified Balance
Initial Balance	\$250,000,000.00	December 2003	\$242,370,233.79	July 2004	\$230,520,395.46
June 2003	249,181,357.56	January 2004	240,926,413.07	August 2004	228,509,787.97
July 2003	248,271,115.10	February 2004	239,397,274.16	September 2004	226,424,848.93
August 2003	247,269,865.44	March 2004	237,784,111.34	October 2004	224,267,493.53
September 2003	246,178,304.12	April 2004	236,088,313.99	November 2004	222,039,715.52
October 2003	244,997,228.84	May 2004	234,311,364.78	December 2004	219,743,584.17
November 2003	243,727,538.81	June 2004	232,454,837.61	January 2005	217,381,241.08

#### Group 6 MBS (Continued)

Distribution Date	First Specified Balance	Distribution Date	First Specified Balance	Distribution Date	First Specified Balance
February 2005	\$214,954,896.85	July 2009	\$ 99,534,023.79	December 2013	\$ 41,155,079.20
March 2005	212,466,827.68	August 2009	98,006,362.84	January 2014	40,409,056.60
April 2005	209,919,371.69	September 2009	96,498,710.09	February 2014	39,673,359.19
May 2005	207,314,925.30	October 2009	95,010,820.15	March 2014	38,947,857.20
June 2005	204,655,939.37	November 2009	93,542,450.55	April 2014	38,232,422.41
July 2005	201,944,915.26	December 2009	92,093,361.70	May 2014	37,526,928.13
August 2005	199,184,400.84	January 2010	90,663,316.86	June 2014	36,831,249.23
September 2005	196,376,986.38	February 2010	89,252,082.10	July 2014	36,145,262.05
October 2005	193,605,131.18	March 2010	87,859,426.26	August 2014	35,468,844.43
November 2005	190,868,406.00	April 2010	86,485,120.94	September 2014	34,801,875.68
December 2005	188,166,386.66	May 2010	85,128,940.47	October 2014	34,144,236.59
January 2006	185,498,653.99	June 2010	83,790,661.84	November 2014	33,495,809.34
February 2006	182,864,793.74	July 2010	82,470,064.70	December 2014	32,856,477.56
March 2006	180,264,396.55	August 2010	81,166,931.34	January 2015	32,226,126.27
April 2006	177,697,057.90	September 2010	79,881,046.61	February 2015	31,604,641.90
May 2006	175,162,378.01	October 2010	78,612,197.95	March 2015	30,991,912.22
June 2006	172,659,961.84	November 2010	77,360,175.31	April 2015	30,387,826.37
July 2006	170,189,419.00	December 2010	76,124,771.16	May 2015	29,792,274.82
August 2006	167,750,363.71	January 2011	74,905,780.44	June 2015	29,205,149.38
September 2006	165,342,414.74	February 2011	73,703,000.51	July 2015	28,626,343.14
October 2006	162,965,195.34	March 2011	72,516,231.17	August 2015	28,055,750.51
November 2006	160,618,333.24	April 2011	71,345,274.60	September 2015	27,493,267.14
December 2006	158,301,460.53	May 2011	70,189,935.34	October 2015	26,938,789.98
January 2007	156,014,213.67	June 2011	69,050,020.26	November 2015	26,392,217.21
February 2007	153,756,233.41	July 2011	67,925,338.52	December 2015	25,853,448.23
March 2007	151,527,164.72	August 2011	66,815,701.58	January 2016	25,322,383.68
April 2007	149,326,656.78	September 2011	65,720,923.14	February 2016	24,798,925.37
May 2007	147,154,362.92	October 2011	64,640,819.12	March 2016	24,282,976.34
June 2007	145,009,940.55	November 2011	63,575,207.64	April 2016	23,774,440.77
July 2007	142,893,051.15	December 2011	62,523,908.99	May 2016	23,273,224.01
August 2007	140,803,360.19	January 2012	61,486,745.62	June 2016	22,779,232.58
September 2007	138,740,537.07	February 2012	60,463,542.08	July 2016	22,292,374.09
October 2007	136,704,255.15	March 2012	59,454,125.04	August 2016	21,812,557.31
November 2007	134,694,191.61	April 2012	58,458,323.22	September 2016	21,339,692.09
December 2007	132,710,027.46	May 2012	57,475,967.39	October 2016	20,873,689.39
January 2008	130,751,447.50	June 2012	56,506,890.37	November 2016	20,414,461.24
February 2008	128,818,140.24	July 2012	55,550,926.95	December 2016	19,961,920.75
March 2008	126,909,797.88	August 2012	54,607,913.90	January 2017	19,515,982.06
April 2008	125,026,116.26	September 2012	53,677,689.97	February 2017	19,076,560.40
May 2008	123,166,794.84	October 2012	52,760,095.81	March 2017	18,643,571.98
June 2008	121,331,536.62	November 2012	51,854,973.99	April 2017	18,216,934.05
July 2008	119,520,048.12	December 2012	50,962,168.97	May 2017	17,796,564.87
August 2008	117,732,039.34	January 2013	50,081,527.05	June 2017	17,382,383.70
September 2008	115,967,223.70	February 2013	49,212,896.42	July 2017	16,974,310.75
October 2008	114,225,318.06	March 2013	48,356,127.03	August 2017	16,572,267.25
November 2008	112,506,042.57	April 2013	47,511,070.67	September 2017	16,176,175.35
December 2008	110,809,120.76	May 2013	46,677,580.90	October 2017	15,785,958.16
January 2009	109,134,279.39	June 2013	45,855,513.02	November 2017	15,401,539.73
February 2009	107,481,248.50	July 2013	45,044,724.09	December 2017	15,022,845.04
March 2009	105,849,761.29	August 2013	44,245,072.86	January 2018	14,649,799.98
April 2009	104,239,554.16	September 2013	43,456,419.80	February 2018	14,282,331.33
May 2009	102,650,366.62	October 2013	42,678,627.04	March 2018	13,920,366.79
June 2009	101,081,941.28	November 2013	41,911,558.36	April 2018	13,563,834.93

#### Group 6 MBS (Continued)

Distribution Date	First Specified Balance	Distribution Date	First Specified Balance	Distribution Date	First Specified Balance
May 2018	\$ 13,212,665.19	January 2020	\$ 7,213,956.23	September 2021	\$ 2,850,029.25
June 2018	12,866,787.86	February 2020	6,960,531.99	October 2021	2,667,439.17
July 2018	12,526,134.12	March 2020	6,711,118.58	November 2021	2,487,913.50
August 2018	12,190,635.95	April 2020	6,465,662.88	December 2021	2,311,410.83
September 2018	11,860,226.18	May 2020	6,224,112.43	January 2022	2,137,890.27
October 2018	11,534,838.47	June 2020	5,986,415.41	February 2022	1,967,311.45
November 2018	11,214,407.28	July 2020	5,752,520.65	March 2022	1,799,634.47
December 2018	10,898,867.87	August 2020	5,522,377.60	April 2022	1,634,819.97
January 2019	10,588,156.29	September 2020	5,295,936.33	May 2022	1,472,829.05
February 2019	10,282,209.41	October 2020	5,073,147.55	June 2022	1,313,623.29
March 2019	9,980,964.82	November 2020	4,853,962.55	July 2022	1,157,164.79
April 2019	9,684,360.90	December 2020	4,638,333.25	August 2022	1,003,416.08
May 2019	9,392,336.81	January 2021	4,426,212.15	September 2022	852,340.17
June 2019	9,104,832.41	February 2021	4,217,552.32	October 2022	703,900.55
July 2019	8,821,788.34	March 2021	4,012,307.46	November 2022	558,061.14
August 2019	8,543,145.93	April 2021	3,810,431.78	December 2022	414,786.33
September 2019	8,268,847.27	May 2021	3,611,880.12	January 2023	274,040.96
October 2019	7,998,835.14	June 2021	3,416,607.84	February 2023	135,790.28
November 2019	7,733,053.02	July 2021	3,224,570.86	March 2023 and	
December 2019	7,471,445.09	August 2021	3,035,725.66	thereafter	0.00

#### Group 6 MBS Second Specified Balances

Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance
Initial Balance	\$250,000,000.00	October 2005	\$179,021,694.46	March 2008	\$101,427,772.50
June 2003	249,073,816.60	November 2005	175,605,920.85	April 2008	99,421,150.45
July 2003	248,020,423.84	December 2005	172,251,678.12	May 2008	97,451,379.58
August 2003	246,840,652.07	January 2006	168,957,893.81	June 2008	95,517,810.23
September 2003	245,535,529.21	February 2006	165,723,513.81	July 2008	93,619,803.92
October 2003	244,106,280.20	March 2006	162,547,502.00	August 2008	91,756,733.16
November 2003	242,554,325.91	April 2006	159,428,839.96	September 2008	89,927,981.24
December 2003	240,881,281.47	May 2006	156,366,526.68	October 2008	88,132,942.10
January 2004	239,088,954.18	June 2006	153,359,578.27	November 2008	86,371,020.09
February 2004	237,179,340.88	July 2006	150,407,027.65	December 2008	84,641,629.82
March 2004	235,154,624.80	August 2006	147,507,924.28	January 2009	82,944,195.99
April 2004	233,017,171.89	September 2006	144,661,333.89	February 2009	81,278,153.23
May 2004	230,769,526.69	October 2006	141,866,338.19	March 2009	79,642,945.91
June 2004	228,414,407.69	November 2006	139,122,034.60	April 2009	78,038,027.95
July 2004	225,954,702.20	December 2006	136,427,536.01	May 2009	76,462,862.74
August 2004	223,393,460.77	January 2007	133,781,970.47	June 2009	74,916,922.90
September 2004	220,733,891.14	February 2007	131,184,480.98	July 2009	73,399,690.15
October 2004	217,979,351.71	March 2007	128,634,225.23	August 2009	71,910,655.16
November 2004	215,133,344.68	April 2007	126,130,375.33	September 2009	70,449,317.41
December 2004	212,199,508.70	May 2007	123,672,117.59	October 2009	69,015,185.02
January 2005	209,181,611.14	June 2007	121,258,652.25	November 2009	67,607,774.59
February 2005	206,083,540.04	July 2007	118,889,193.29	December 2009	66,226,611.10
March 2005	202,909,295.68	August 2007	116,562,968.14	January 2010	64,871,227.73
April 2005	199,662,981.85	September 2007	114,279,217.52	February 2010	63,541,165.75
May 2005	196,348,796.80	October 2007	112,037,195.16	March 2010	62,235,974.34
June 2005	192,971,023.99	November 2007	109,836,167.59	April 2010	60,955,210.50
July 2005	189,534,022.55	December 2007	107,675,413.97	May 2010	59,698,438.89
August 2005	186,042,217.52	January 2008	105,554,225.79	June 2010	58,465,231.72
September 2005	182,500,090.01	February 2008	103,471,906.75	July 2010	57,255,168.60

#### Group 6 MBS (Continued)

Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance	Distribution Date	Second Specified Balance
August 2010	\$ 56,067,836.44	November 2014	\$ 17,904,279.97	February 2019	\$ 4,252,893.85
September 2010	54,902,829.27	December 2014	17,474,457.22	March 2019	4,107,588.52
October 2010	53,759,748.21	January 2015	17,053,247.90	April 2019	3,965,534.02
November 2010	52,638,201.27	February 2015	16,640,492.77	May 2019	3,826,667.08
December 2010	51,537,803.26	March 2015	16,236,035.43	June 2019	3,690,925.57
January 2011	50,458,175.69	April 2015	15,839,722.23	July 2019	3,558,248.48
February 2011	49,398,946.62	May 2015	15,451,402.25	August 2019	3,428,575.93
March 2011	48,359,750.58	June 2015	15,070,927.25	September 2019	3,301,849.13
April 2011	47,340,228.47	July 2015	14,698,151.60	October 2019	3,178,010.36
May 2011	46,340,027.39	August 2015	14,332,932.26	November 2019	3,057,002.96
June 2011	45,358,800.60	September 2015	13,975,128.75	December 2019	2,938,771.29
July 2011	44,396,207.39	October 2015	13,624,603.06	January 2020	2,823,260.75
August 2011	43,451,912.98	November 2015	13,281,219.64	February 2020	2,710,417.73
September 2011	42,525,588.39	December 2015	12,944,845.34	March 2020	2,600,189.60
October 2011	41,616,910.40	January 2016	12,615,349.39	April 2020	2,492,524.69
November 2011	40,725,561.40	February 2016	12,292,603.34	May 2020	2,387,372.29
December 2011	39,851,229.31	March 2016	11,976,481.03	June 2020	2,284,682.62
January 2012	38,993,607.51	April 2016	11,666,858.55	July 2020	2,184,406.81
February 2012	38,152,394.69	May 2016	11,363,614.19	August 2020	2,086,496.90
March 2012	37,327,294.83	June 2016	11,066,628.41	September 2020	1,990,905.78
April 2012	36,518,017.06	July 2016	10,775,783.80	October 2020	1,897,587.25
May 2012	35,724,275.58	August 2016	10,490,965.05	November 2020	1,806,495.94
June 2012	34,945,789.58	September 2016	10,212,058.92	December 2020	1,717,587.32
July 2012	34,182,283.16	October 2016	9,938,954.17	January 2021	1,630,817.68
August 2012	33,433,485.25	November 2016	9,671,541.56	February 2021	1,546,144.12
September 2012	32,699,129.50	December 2016	9,409,713.80	March 2021	
October 2012	31,978,954.22	January 2017	9,153,365.53		1,463,524.53
November 2012	31,272,702.30	February 2017	8,902,393.27	April 2021	1,382,917.59
December 2012	30,580,121.13	March 2017	8,656,695.38	June 2021	1,304,282.73
January 2013	29,900,962.53	April 2017	8,416,172.07		1,227,580.15
February 2013	29,234,982.64	May 2017	8,180,725.31	July 2021	1,152,770.78
March 2013	28,581,941.90	June 2017	7,950,258.84	August 2021	1,079,816.26
April 2013	27,941,604.93	July 2017	7,724,678.14	September 2021 October 2021	1,008,678.97
May 2013	27,313,740.49	August 2017	7,503,890.37	November 2021	939,321.97
June 2013	26,698,121.38	September 2017	7,287,804.38		871,709.03
July 2013	26,094,524.40	October 2017	7,076,330.62	December 2021	805,804.56
August 2013	25,502,730.26	November 2017	6,869,381.20	January 2022	741,573.66
September 2013	24,922,523.53	December 2017	6,666,869.78	February 2022	678,982.08
October 2013	24,353,692.54	January 2018	6,468,711.58	March 2022	617,996.20
November 2013	23,796,029.38	February 2018	6,274,823.36	April 2022	558,583.03
December 2013	23,249,329.75	March 2018	6,085,123.38	May 2022	500,710.22
January 2014	22,713,392.97	April 2018	5,899,531.35	June 2022	444,345.99
February 2014	22,188,021.90	May 2018	5,717,968.46	July 2022	389,459.18
March 2014	21,673,022.84	June 2018	5,540,357.31	August 2022	336,019.20
April 2014	21,168,205.53	July 2018	5,366,621.91	September 2022	283,996.05
May 2014	20,673,383.04	August 2018	5,196,687.62	October 2022	233,360.29
June 2014	20,188,371.75	September 2018	5,030,481.19	November 2022	184,083.03
July 2014	19,712,991.28	October 2018	4,867,930.66	December 2022	136,135.91
August 2014	19,247,064.41	November 2018	4,708,965.39	January 2023	89,491.14
September 2014	18,790,417.07	December 2018	4,553,516.03	February 2023	44,121.43
October 2014	18,342,878.25	January 2019	4,401,514.47	March 2023 and thereafter	0.00
	10,012,010.20		-,,		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.

\$2,134,689,940



# Guaranteed REMIC Pass-Through Certificates

Fannie Mae REMIC Trust 2003-52

#### TABLE OF CONTENTS

	Page
Table of Contents	S- 2
Available Information	S- 3
Reference Sheet	S- 4
Additional Risk Factors	S-10
Description of the Certificates	S-11
Certain Additional Federal Income Tax	
Consequences	S-46
Plan of Distribution	S-49
Legal Matters	S-50
Exhibit A	A- 1
Schedule 1	A- 2
Principal Balance Schedules	B- 1

# Citigroup

Prospectus Supplement April 15, 2003