### \$1,253,483,998 Federal National Mortgage Association



### **Guaranteed REMIC Pass-Through Certificates** Fannie Mae REMIC Trust 1993-G19

The Guaranteed REMIC Pass-Through Certificates offered hereby (the "Certificates") will represent beneficial ownership interests in one of two trust funds. The Certificates, other than the RL Class, will represent beneficial ownership interests in Fannie Mae REMIC Trust 1993-G19 (the "Trust"). The assets of the Trust will consist of the "regular interests" in a separate trust fund (the "Lower Tier REMIC"). The assets of the Lower Tier REMIC will consist of "fully modified pass-through" mortgagebacked securities ("GNMA Certificates") guaranteed as to timely payment of principal and interest by the Government National Mortgage Association ("GNMA"). Each GNMA Certificate is based on and backed by a pool (the "Pool") of first lien, single-family, fixed-rate residential mortgage loans (the "Mortgage Loans") which are either insured by the Federal Housing Administration ("FHA") or partially guaranteed by the Department of Veterans Affairs ("VA"). The Certificates will be issued and guaranteed as to timely distribution of principal and interest by Fannie Mae and offered by Fannie Mae pursuant to its Prospectus for Guaranteed REMIC Pass-Through Certificates (the "GNMA Prospectus"), accompanying this Prospectus Supplement.

Elections will be made to treat the Lower Tier REMIC and the Trust as "real estate mortgage investment conduits" ("REMICs") pursuant to the Internal Revenue Code of 1986, as amended (the "Code"). The R and RL Classes will be subject to transfer restrictions. See "Description of the Certificates—Characteristics of the R and RL Classes" and "Certain Additional Federal Income Tax Consequences" herein, and "Description of the Certificates—Additional Characteristics of Residual Certificates" and "Certain Federal Income Tax Consequences" in the GNMA Prospectus.

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THE CERTIFICATES, TOGETHER WITH ANY INTEREST THEREON, ARE NOT GUARANTEED BY THE UNITED STATES. THE OBLIGATIONS OF FANNIE MAE UNDER ITS GUARANTY OF THE CERTIFICATES ARE OBLIGATIONS SOLELY OF FANNIE MAE AND DO NOT CONSTITUTE AN OBLIGATION OF THE UNITED STATES OR ANY AGENCY OR INSTRUMENTALITY THEREOF OTHER THAN FANNIE MAE. THE CERTIFICATES ARE EXEMPT FROM THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT OF 1933 AND ARE "EXEMPTED SECURITIES" WITHIN THE MEANING OF THE SECURITIES EXCHANGE ACT OF 1934.

Class	Original Principal Balance	Principal Type(1)	Interest Rate	Interest Type(1)	Final Distribution Date	Class	Original Principal Balance	Principal Type(1)	Interest Rate	Interest Type(1)	Final Distribution Date
A	\$31,260,000	PAC	4.30%	FIX	January 2004	P	100,000,000	TAC	6.50%	FIX	January 2023
В	128,102,000	PAC	5.30	FIX	September 2015	FE	40,000,000	SUP	(2)	FLT	April 2023
C	45,000,000	PAC	5.50	FIX	December 2017	SE	10,000,000	SUP	(2)	INV	April 2023
D	37,491,000	PAC	4.75	FIX	December 2017	SG	10,587,758	SUP	(2)	INV	April 2023
FB	60,000,000	PAC	(2)	FLT	December 2017	SH	3,049,183	SUP	(2)	INV	April 2023
SB	(3)	NTL	(2)	INV/IO	December 2017	FJ	47,142,863	SUP	(2)	FLT	April 2023
FC	106,551,825	PAC	(2)	FLT	December 2016	SJ	13,357,146	SUP	(2)	INV	April 2023
SC	(3)	NTL	(2)	INV/IO	December 2016	SK	7,500,000	SUP	(2)	INV	April 2023
E	38,230,000	SCH	6.50	FIX	June 2017	FL	23,500,000	SUP	(2)	FLT	April 2023
G	34,999,000	SCH	6.50	FIX	March 2018	SL	12,181,021	SUP	(2)	INV	April 2023
H	26,352,000	SCH	6.50	FIX	March 2018	FM	36,011,241	SUP	(2)	FLT	April 2023
J	45,477,000	SCH	6.50	FIX	January 2019	SM	11,953,949	SUP	(2)	INV	April 2023
K	80,085,000	TAC	6.50	FIX	June 2019	SN	6,712,166	SUP	(2)	INV	April 2023
L	59,865,000	TAC	6.00	FIX	April 2023	F	(3)	NTL	(2)	FLT/IO	April 2023
M	19,954,000	TAC	7.00	FIX	April 2023	S	(3)	NTL	(2)	INV/IO	October 1999
N	28,507,000	TAC	7.20	FIX	April 2023	SA	(3)	NTL	(2)	INV/IO	April 2023
0	7,750,000	TAC	6.50	FIX	April 2023	Q	96,421,846	STP	$(\overline{4})$	PO	April 2023
FD	58,461,000	TAC	(2)	FLT	April 2023	Ř	0	NPR	0	NPR	April 2023
SD	26,982,000	TAC	(2)	INV	April 2023	RL	Ö	NPR	Ō	NPR	April 2023

the Certificates—Indices Applicable to Floating Rate and Inverse Floating Rate Classes" in the GNMA Prospectus.

The SB, SC, F, S and SA Classes will be Notional Classes, will have no principal balances and will bear interest on their notional principal balances (initially, \$18,461,539, \$32,785,177, \$263,891,368, \$13,891,228 and \$250,000,140, respectively), as described herein under "Description of the Certificates—General—Notional Classes."

The Q Class will be a Principal Only Class and will bear no interest.

The Certificates will be offered by Bear, Stearns & Co. Inc. (the "Dealer") from time to time in negotiated transactions, at varying prices to be determined at the time of sale.

The Certificates will be offered by the Dealer, subject to issuance by Fannie Mae, to prior sale or to withdrawal or modification of the offer without notice, when, as and if delivered to and accepted by the Dealer, and subject to approval of certain legal matters by counsel. It is expected that the Certificates, except for the R and RL Classes, will be available through the book-entry system of the Federal Reserve Banks on or about April 30, 1993 (the "Settlement Date"). It is expected that the R and RL Classes in registered, certificated form will be available for delivery at the offices of Bear, Stearns & Co. Inc., 245 Park Avenue, New York, New York 10167, on or about the Settlement Date.

### Bear, Stearns & Co. Inc.

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

The FB, SB, FC, SC, FE, SE, SG, SH, FL, SL, F, S and SA Classes will bear interest based on "LIBOR," the FM, SM and SN Classes will bear interest based on "COFI," the FD and SD Classes will bear interest based on the "Treasury Index," and the FJ, SJ and SK Classes will bear interest based on the "Prime Rate," as described under "Description of the Certificates—Distributions of Interest" herein and "Description of the Certificates" herein and

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THE CERTIFICATES MAY NOT BE SUITABLE INVESTMENTS FOR ALL INVESTORS. NO INVESTOR SHOULD PURCHASE CERTIFICATES UNLESS SUCH INVESTOR UNDERSTANDS AND IS ABLE TO BEAR THE PREPAYMENT, YIELD, LIQUIDITY AND OTHER RISKS ASSOCIATED WITH SUCH CERTIFICATES.

The yield to investors in each Class will be sensitive in varying degrees to the rate of principal payments of the Mortgage Loans, the characteristics of the Mortgage Loans actually included in the Pool, the purchase price paid for the related Class and, in the case of any Floating Rate and Inverse Floating Rate Classes, the level of the applicable Index (as defined herein). Accordingly, investors should consider the following risks:

- The Mortgage Loans generally may be prepaid at any time without penalty, and, accordingly, the rate of principal payments thereon is likely to vary considerably from time to time.
- Slight variations in Mortgage Loan characteristics could substantially affect the weighted average lives and yields of some or all of the Classes.
- In the case of any Certificates purchased at a discount to their principal amounts, a slower than anticipated rate of principal payments is likely to result in a lower than anticipated yield.
- In the case of any Certificates purchased at a premium to their principal amounts, a faster than anticipated rate of principal payments is likely to result in a lower than anticipated yield.
- In the case of any Interest Only Class, a faster than anticipated rate of principal payments is likely to result in a lower than anticipated yield and, in certain cases, an actual loss on the investment.
- The yield on any Floating Rate or Inverse Floating Rate Class will be sensitive to the level of the applicable Index, particularly if the interest rate thereon fluctuates as a multiple of such Index.

See "Description of the Certificates-Yield Considerations" herein.

In addition, investors should purchase Certificates only after considering the following:

- The actual final payment of any Class will likely occur earlier, and could occur much earlier, than the Final Distribution Date for such Class specified on the cover page. See "Description of the Certificates—Weighted Average Lives of the Certificates" herein and "Description of the Certificates—Weighted Average Life and Final Distribution Dates" in the GNMA Prospectus.
- The rate of principal distributions of the Certificates is uncertain and investors may be unable to reinvest the distributions thereon at yields equaling the yields on the Certificates. See "Description of the Certificates—Reinvestment Risk" in the GNMA Prospectus.
- Investors whose investment activities are subject to legal investment laws and regulations or to review by regulatory authorities may be subject to restrictions on investment in certain Classes of the Certificates. Investors should consult their legal advisors to determine whether and to what extent the Certificates constitute legal investments or are subject to restrictions on investment. See "Legal Investment Considerations" in the GNMA Prospectus.

The Dealer intends to make a market for the Certificates but is not obligated to do so. There can be no assurance that such a secondary market will develop or, if developed, that it will continue. Thus, investors may not be able to sell their Certificates readily or at prices that will enable them to realize their anticipated yield. No investor should purchase Certificates unless such investor understands and is able to bear the risk that the value of the Certificates will fluctuate over time and that the Certificates may not be readily salable.

These securities have not been approved or disapproved by the Securities and Exchange Commission or any state securities commission nor has the Securities and Exchange Commission or any state securities commission passed upon the accuracy or adequacy of this Prospectus Supplement or the GNMA Prospectus. Any representation to the contrary is a criminal offense.

This Prospectus Supplement does not contain complete information about the Certificates. Investors should purchase Certificates only after reading this Prospectus Supplement, the GNMA Prospectus and the Fannie Mae Information Statement dated February 16, 1993 and any supplements thereto (the "Information Statement"). The Information Statement is incorporated herein by reference and may be obtained from Fannie Mae by writing or calling its MBS Helpline at 3900 Wisconsin Avenue, N.W., Area 2H-2N, Washington, D.C. 20016 (telephone 1-800-BEST-MBS or 202-752-6547). Such documents may also be obtained from Bear, Stearns & Co. Inc. by writing or calling its Prospectus Department at One MetroTech Center North, Brooklyn, New York 11201 (telephone 212-272-1581).

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### DESCRIPTION OF THE CERTIFICATES

The following summaries describing certain provisions of the Certificates do not purport to be complete and are subject to, and are qualified in their entirety by reference to, the GNMA Prospectus and the provisions of the Trust Agreement (defined below). Capitalized terms used and not otherwise defined in this Prospectus Supplement have the respective meanings assigned to such terms in the GNMA Prospectus (including the Glossary contained therein) or the Trust Agreement (as the context may require).

#### General

Structure. The Trust and the Lower Tier REMIC will be created pursuant to a trust agreement dated as of April 1, 1993 (the "Trust Agreement"), executed by the Federal National Mortgage Association ("Fannie Mae") in its corporate capacity and in its capacity as Trustee, and the Certificates in the Classes and aggregate original principal balances set forth on the cover hereof will be issued by Fannie Mae pursuant thereto. A description of Fannie Mae and its business, together with certain financial statements and other financial information, is contained in the Information Statement.

The 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 interests in the Lower Tier REMIC other than the RL Class (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.

The assets of the Trust will consist of the Lower Tier Regular Interests, and the Certificates, other than the RL Class, will evidence the entire beneficial ownership interest in the distributions of principal and interest on the Lower Tier Regular Interests.

The assets of the Lower Tier REMIC will consist of the GNMA Certificates, and the Lower Tier Regular Interests and the RL Class (collectively, the "Lower Tier Interests") will in the aggregate evidence the entire beneficial ownership interest in the distributions of principal and interest on the GNMA Certificates.

Fannie Mae Guaranty. Pursuant to its guaranty of the Certificates, Fannie Mae will be obligated to distribute on a timely basis to the Holders of Certificates required installments of principal and interest and to distribute the principal balance of each Class of Certificates in full no later than the applicable Final Distribution Date, whether or not sufficient funds are available in the GNMA Account. The obligations of Fannie Mae under its guaranty of the Certificates are not backed by the full faith and credit of the United States. See "Description of the Certificates—Fannie Mae's Guaranty" in the GNMA Prospectus.

Characteristics of Certificates. The Certificates, other than the R and RL Certificates, will be issued and maintained and may be transferred by Holders only on the book-entry system of the Federal Reserve Banks. Such entities whose names appear on the book-entry records of a Federal Reserve Bank as the entities for whose accounts such Certificates have been deposited are herein referred to as "Holders" or "Certificateholders." A Holder is not necessarily the beneficial owner of a book-entry Certificate. Beneficial owners will ordinarily hold book-entry Certificates through one or more financial intermediaries, such as banks, brokerage firms and securities clearing organizations. See "Description of the Certificates—Denominations, Book-Entry Form" in the GNMA Prospectus.

The R and RL Certificates will not be issued in book-entry form but will be issued in fully registered, certificated form. As to the R or RL Certificate, "Holder" or "Certificateholder" refers to the registered owner thereof. The R and RL Certificates will be transferable at the corporate trust office of the Transfer Agent, or at the agency of the Transfer Agent in New York, New York.

The Transfer Agent initially will be State Street Bank and Trust Company in Boston, Massachusetts ("State Street"). A service charge may be imposed for any registration of transfer of the R or RL Certificate and Fannie Mae may require payment of a sum sufficient to cover any tax or other governmental charge. See also "Characteristics of the R and RL Classes" herein.

The distribution to the Holder of the R or RL Certificate of the proceeds of any remaining assets of the Trust or the Lower Tier REMIC, as applicable, will be made only upon presentation and surrender of the related Certificate at the office of the Paying Agent. The Paying Agent initially will be State Street.

Notional Classes. The SB, SC, F, S and SA Classes will be Notional Classes. A Notional Class will have no principal balance and will bear interest at the per annum interest rate set forth on the cover or described herein during each Interest Accrual Period on the related notional principal balance. The notional principal balance of each Notional Class will be equal to the indicated percentage of the outstanding principal balance of the following Classes immediately prior to the related Distribution Date:

Class	Percentage of Principal Balance of Specified Classes
SB	30.7692316667% of FB Class
SC	30.7692308414% of FC Class
F	21.0526315789% of All Classes
Aggregate of S and SA*	21.0526315789% of All Classes

<sup>\*</sup> Reductions of the aggregate principal balance of all Classes will be applied sequentially to the notional principal balance of the S Class, until the notional principal balance thereof is reduced to zero, and then to the notional principal balance of the SA Class.

The notional principal balance of a Notional Class is used for purposes of the determination of interest distributions thereon and does not represent an interest in the principal distributions of the GNMA Certificates or the underlying Mortgage Loans. Although a Notional Class will not have a principal balance, a REMIC Trust Factor (as described herein) will be published with respect to any such Class that will be applicable to the notional principal balance thereof, and references herein to the principal balances of the Certificates generally shall be deemed to refer also to the notional principal balance of any Notional Class.

Authorized Denominations. The Certificates, other than the R and RL Certificates, will be issued in minimum denominations of \$1,000 and integral multiples of \$1 in excess thereof. Each of the R and RL Classes will be issued as a single certificate and will not have a principal balance.

*Distribution Dates.* Distributions on the Certificates will be made on the 25th day of each month (or, if such 25th day is not a business day, on the first business day next succeeding such 25th day), commencing in the month following the Settlement Date.

Calculation of Distributions. Interest on the interest-bearing Certificates is calculated on the basis of a 360-day year consisting of twelve 30-day months and is distributable monthly on each Distribution Date, commencing (except with respect to the Accrual Classes, if any) in the month after the Settlement Date. Interest to be distributed or, in the case of any Accrual Classes, added to principal on each interest-bearing Certificate on a Distribution Date will consist of one month's interest on the outstanding principal balance of such Certificate immediately prior to such Distribution Date. Interest to be distributed or, in the case of any Accrual Classes, added to principal on a Distribution Date will accrue on the interest-bearing Certificates during the one month periods set forth herein under "Distributions of Interest—Interest Accrual Periods." Principal on the Certificates will be distributed on each Distribution Date in an amount equal to the sum of (i) the aggregate distributions of principal of the GNMA Certificates, calculated as provided herein, for the month of such Distribution Date, and the distributions of principal of the

GNMA Certificates received during the month prior to the month of such Distribution Date to the extent not distributed previously and (ii) any interest accrued and added on such Distribution Date to the principal balances of the Accrual Classes, if any. See "Distributions of Principal" herein.

*Record Date.* Each monthly distribution on the Certificates will be made to Holders of record on the last day of the preceding month.

REMIC Trust Factors. As soon as practicable following the eleventh calendar day of each month, Fannie Mae will publish or otherwise make available for each Class of Certificates the factor (carried to eight decimal places) which, when multiplied by the original principal balance of a Certificate of such Class, will equal the remaining principal balance of such Certificate after giving effect to the distribution of principal to be made on the following Distribution Date and any interest to be added as principal to the principal balances of any Accrual Classes on such Distribution Date.

#### The GNMA Certificates

The GNMA Certificates underlying the Certificates will have the aggregate unpaid principal balance and Pass-Through Rate set forth below and the general characteristics described in the GNMA Prospectus. At least 90% of the principal balance of the GNMA Certificates will be GNMA I Certificates. See "GNMA and the GNMA Programs" in the GNMA Prospectus. The characteristics of the GNMA Certificates and Mortgage Loans as of April 1, 1993 (the "Issue Date") are expected to be as follows:

#### **GNMA** Certificates

Aggregate Unpaid Principal Balance	\$1,253,483,998
Pass-Through Rate	8.00%
Mortgage Loans	
Range of remaining terms to maturity of latest maturing	
Mortgage Loan underlying each of the GNMA Certificates .	180 months to 360 months
Approximate weighted average of such remaining terms to	
maturity	354  months

Following the issuance of the Certificates, Fannie Mae will prepare a Final Data Statement setting forth for each GNMA Certificate, among other things, the Pool number, the original unpaid principal balance, the unpaid principal balance as of the Issue Date, and the remaining term to maturity of the latest maturing Mortgage Loan underlying such GNMA Certificate as of the Issue Date. The Final Data Statement will not accompany this Prospectus Supplement but will be made available by Fannie Mae. To request the Final Data Statement, telephone Fannie Mae at 1-800-BEST-MBS or 202-752-6547. The contents of the Final Data Statement and other data specific to the Certificates are available in electronic form by calling Fannie Mae at 1-800-752-6440 or 202-752-6000.

#### **Distributions of Interest**

Categories of Classes

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

Interest Type*	Classes
Fixed Rate	A, B, C, D, E, G, H, J, K, L, M, N, O and P
Floating Rate	FB, FC, FD, FE, FJ, FL, FM and F
Inverse Floating Rate	SB, SC, SD, SE, SG, SH, SJ, SK, SL, SM, SN, S and SA
Interest Only	SB, SC, F, S and SA
Principal Only	Q
No Payment Residual	R and RL

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

General. The interest-bearing Certificates will bear interest at the respective per annum interest rates set forth on the cover or described herein. Interest on the interest-bearing Certificates is calculated on the basis of a 360-day year consisting of twelve 30-day months and is distributable monthly on each Distribution Date, commencing (except with respect to any Accrual Classes) in the month after the Settlement Date. Interest to be distributed or, in the case of any Accrual Classes, added to principal on each interest-bearing Certificate on a Distribution Date will consist of one month's interest on the outstanding principal balance of such Certificate immediately prior to such Distribution Date.

*Interest Accrual Periods*. Interest to be distributed or added to principal on a Distribution Date will accrue on the interest-bearing Certificates during the one-month periods set forth below (each, an "Interest Accrual Period").

Classes	Interest Accrual Period
FB, SB, FC, SC, FD, SD, FE, SE, SG, SH, FL, SL, F, S and SA (collectively, the "No Delay Classes")	One month period beginning on the 25th day of the month preceding the month of the Distribution Date and ending on the 24th day of the month of the Distribution Date
All other interest-bearing Classes (collectively, the "Delay Classes")	Calendar month preceding the month in which the Distribution Date occurs

See "Yield Considerations" herein.

Floating Rate and Inverse Floating Rate Classes. Each of the following Classes will bear interest during its initial Interest Accrual Period at the Initial Interest Rate set forth below, and will bear interest during each Interest Accrual Period thereafter, subject to the applicable Maximum and Minimum Interest Rates, at the rate determined as described below:

Class	Initial Interest Rate	Maximum Interest Rate	Minimum Interest Rate	Formula for Calculation of Interest Rate
FB*	4.00000%	8.50000%	0.50%	LIBOR $+$ 50 basis points
SB*	14.62500%	26.00000%	0.00%	$26\% - (3.25 \times LIBOR)$
FC	3.68750%	8.50000%	0.50%	LIBOR $+50$ basis points
SC	15.64062%	26.00000%	0.00%	$26\%-(3.25 imes  ext{LIBOR})$
FD	5.32000%	9.50000%	0.00%	Treasury Index $-65$ basis points
SD	9.05664%	20.58332%	0.00%	$21.99166\% - (2.16667 \times \text{Treasury Index})$
FE	4.43750%	10.00000%	1.25%	LIBOR + 125 basis points
SE	7.46250%	13.70164%	0.00%	$13.70164\% - (1.957377 \times LIBOR)$
SG	10.73131%	16.88076%	0.00%	$16.88076\% - (1.92924 \times LIBOR)$
SH	11.23386%	11.23386%	0.00%	$56.16931\% - (6.41935 \times LIBOR)$
FJ	4.75000%	9.50000%	0.00%	Prime Rate $-125$ basis points
SJ	10.58823%	27.35294%	0.00%	$31.7647\% - (3.529411 \times Prime Rate)$
SK	11.00000%	11.00000%	0.00%	$67.57144\% - (6.285715 \times Prime Rate)$
FL	4.90000%	10.00000%	4.90%	$2\% + (0.8 \times LIBOR)$
SL	9.83908%	9.83908%	0.00%	$15.43385\% - (1.543385 \times LIBOR)$
FM	5.61000%	10.00000%	1.25%	${ m COFI}+125$ basis points
SM	7.95299%	21.08748%	0.00%	$21.08748\% - (3.012497 \times \text{COFI})$
SN	9.38887%	9.38887%	0.00%	$46.94436\% - (5.36507 \times \text{COFI})$
F	4.03750%	9.50000%	0.85%	LIBOR + 85 basis points
S	5.46250%	8.65000%	0.00%	$8.65\%-\mathrm{LIBOR}$
SA	5.46250%	8.65000%	0.00%	$8.65\%-\mathrm{LIBOR}$

<sup>\*</sup> The FB and SB Classes will bear interest during their initial twelve Interest Accrual Periods at the Initial Interest Rate therefor set forth in the table.

The yields with respect to such Classes will be affected by changes in the applicable index as set forth in the table above (each, an "Index"), which changes may not correlate with changes in mortgage interest rates. It is possible that lower mortgage interest rates could occur concurrently with an increase in the level of an Index. Conversely, higher mortgage interest rates could occur concurrently with a decrease in the level of an Index.

Each Index value (except COFI) will be established as described herein by Fannie Mae two business days prior to the commencement of the related Interest Accrual Period. See "—COFI" below for a description of how COFI is established. The establishment of each Index value by Fannie Mae and Fannie Mae's determination of the rate of interest for the applicable Classes for the related Interest Accrual Period shall (in the absence of manifest error) be final and binding. Each such rate of interest may be obtained by telephoning Fannie Mae at 1-800-BEST-MBS or 202-752-6547.

#### Calculation of LIBOR

On each LIBOR Determination Date, until the principal balances of the FB, SB, FC, SC, FE, SE, SG, SH, FL, SL, F, S and SA Classes (the "LIBOR Classes") have been reduced to zero, Fannie Mae will establish LIBOR for the related Interest Accrual Period in the manner described in the GNMA Prospectus under "Description of the Certificates—Indices Applicable to Floating Rate and Inverse Floating Rate Classes—*LIBOR*."

If on the initial LIBOR Determination Date, Fannie Mae is unable to determine LIBOR in the manner specified in the GNMA Prospectus, LIBOR for the next succeeding Interest Accrual Period will be 3.1875%.

#### **COFI**

Except as otherwise specified below, the amount of interest which will accrue in respect of the FM, SM and SN Classes (the "COFI Classes") during each Interest Accrual Period following their initial Interest Accrual Period will be determined on the basis of the Eleventh District Cost of Funds Index for the second month next preceding the month in which such Interest Accrual Period commences if such Eleventh District Cost of Funds Index for such second preceding month is published on or before the tenth day of the month in which such Interest Accrual Period commences. For example, if the Eleventh District Cost of Funds Index for May is announced on or before July 10, interest accrued on the COFI Classes for the Interest Accrual Period commencing in July and distributable in August will be based on the Eleventh District Cost of Funds Index relating to May. If the Eleventh District Cost of Funds Index for the applicable month is not published on or before the tenth day of the second following month, interest will accrue on the COFI Classes at a rate determined as provided in the GNMA Prospectus under "Description of the Certificates—Indices Applicable to Floating Rate and Inverse Floating Rate Classes—COFI." In such a circumstance, the alternative index applicable to the COFI Classes may be LIBOR. A change of index from the Eleventh District Cost of Funds Index to an alternative index will result in a change in the index level, and, particularly if LIBOR is the alternative index, could increase its volatility.

For information regarding historical values of the Eleventh District Cost of Funds Index as reported by the Federal Home Loan Bank of San Francisco ("FHLBSF"), see "Description of the Certificates—Indices Applicable to Floating Rate and Inverse Floating Rate Classes—*COFI*" in the GNMA Prospectus.

The value of the Eleventh District Cost of Funds Index as reported by the FHLBSF for January 1993 was 4.36%.

### **Calculation of Treasury Index**

On each Treasury Index Determination Date, until the principal balances of the FD and SD Classes (the "Treasury Index Classes") have been reduced to zero, Fannie Mae will ascertain the

average yield on U.S. Treasury securities, adjusted to a constant maturity of ten years, in effect for the week ending on the last Friday immediately preceding the related Treasury Index Determination Date in the manner described in the GNMA Prospectus under "Description of the Certificates—Indices Applicable to Floating Rate and Inverse Floating Rate Classes—*Treasury Index*" with respect to yields on U.S. Treasury securities at "constant maturity."

#### Calculation of Prime Rate

On each Prime Rate Determination Date, until the principal balances of the FJ, SJ and SK Classes (the "Prime Rate Classes") have been reduced to zero, Fannie Mae will ascertain the Prime Rate for the related Interest Accrual Period in the manner specified in the GNMA Prospectus under "Description of the Certificates—Indices Applicable to Floating Rate and Inverse Floating Rate Classes—*Prime Rate*."

### **Distributions of Principal**

Categories of Classes

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

Principal Type*	Classes
PAC	A, B, C, D, FB and FC
Scheduled	E, G, H and J
TAC	K, L, M, N, O, FD, SD and P
Notional	SB, SC, F, S and SA
Support	FE, SE, SG, SH, FJ, SJ, SK, FL, SL, FM, SM and SN
Strip	Q
No Payment Residual	R and RL

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

#### Principal Distribution Amount

On or about the fifth business day of each month, Fannie Mae will aggregate the amount of principal reported to be receivable on the GNMA I Certificates during such month on the basis of published GNMA factors for such month. For any GNMA I Certificate for which a factor is not available at such time and for any GNMA II Certificates (which GNMA II Certificates originally may comprise up to 10% of the Lower Tier REMIC), Fannie Mae will calculate the amount of scheduled payments of principal distributable in respect of such GNMA Certificates during such month on the basis of the assumed amortization schedules of the underlying Mortgage Loans. The amortization schedules will be prepared on the assumptions that: (i) each of the Mortgage Loans underlying a single GNMA Certificate amortizes on a level installment basis, had an original term to maturity of 360 months and has a remaining term to maturity equal to the remaining term to maturity of the latest maturing Mortgage Loan underlying such GNMA Certificate at the origination of such GNMA Certificate, adjusted to the Issue Date; (ii) each Mortgage Loan underlying a GNMA I Certificate bears an interest rate of 8.50% per annum; and (iii) each Mortgage Loan underlying a GNMA II Certificate bears an interest rate of 9.50% per annum. All such amounts, whether reported in GNMA factors or calculated by Fannie Mae, will be reflected in the REMIC Trust Factors for the Distribution Date in such month and will be distributed to Holders of Certificates on such Distribution Date, whether or not received. There will also be reflected in such REMIC Trust Factors and distributable as principal on such Distribution Date the excess of (a) the distributions of principal of the GNMA Certificates received during the month prior to the month of such Distribution Date over (b) the amounts of principal calculated as distributable previously in accordance with the GNMA factors and the assumed amortization schedules specified above.

Principal will be distributed monthly on the Certificates in an amount (the "Principal Distribution Amount") equal to the sum of the aggregate distributions of principal of the GNMA Certificates, calculated as described above, for the month of such Distribution Date and the distributions of principal of the GNMA Certificates received during the month prior to the month of such Distribution Date to the extent not previously distributed.

On each Distribution Date, the Q Class will receive 7.6923076923% of the Principal Distribution Amount, which percentage is equal to the proportion that the original principal balance of the Q Class bears to the aggregate original principal balance of the Certificates.

Strip Class

On each Distribution Date, the excess of the Principal Distribution Amount over the amount applied pursuant to the preceding paragraph will be distributed as principal of the Classes in the following order of priority:

(i) to the PAC Classes, in the order and proportions set forth in the table below, until the principal balances thereof are reduced to their respective Planned Balances for such Distribution Date:

	Allocated to				
	Class listed in the preceding column	C Class	FB Class	FC Class	
A(1)	39.7489938774%	11.0180752383%	34.8477994945%	14.3851313898%	
A(2)	39.7489938774%	11.0180752383%	8.7387860221%	40.4941448622%	
B	52.1700104909%	11.0186554764%	6.5339675197%	30.2773665130%	
D(3)	44.5186600228%	11.0183416381%	7.8921287319%	36.5708696072%	
D(4)	44.5186600228%	11.0183416381%	44.4629983391%	0%	

PAC Classes

- (1) Until the principal balance of the FC Class has been reduced to \$97,690,900.64.
- (2) After the principal balance of the FC Class has been reduced to \$97,690,900.64.
   (3) Until the principal balance of the FC Class has been reduced to zero.
- (3) Until the principal balance of the FC Class has been reduced to zero.(4) After the principal balance of the FC Class has been reduced to zero.
  - (ii) to the Scheduled Classes, in the order and proportions set forth in the following table, until the principal balances thereof are reduced to their respective Scheduled Balances for such Distribution Date:

	Allocated to		
	Class listed in the preceding column	G Class	
E	64.8537694239%	35.1462305761%	
H	64.8536903502%	35.1463096498%	
J	100%	0%	

Scheduled

(iii) to the K, L, M and N Classes, in the order and proportions set forth in the following table, until the principal balances thereof are reduced to their respective Targeted Balances for such Distribution Date:

	Allocated to		
	Class listed in the preceding column	M Class	N Class
K	100%	0%	0%
L	55.2637409302%	18.4203238373%	26.3159352325%

- (iv) to the O, FD, SD and P Classes, in the order and proportions set forth in the subclauses below. On each Distribution Date the "Adjusted Targeted Balance" of the O Class shall equal the lesser of (x) the Targeted Balance of the O Class for such Distribution Date and (y) 1.2960459230% of the aggregate remaining principal balance of the GNMA Certificates on such Distribution Date:
  - (a) *first*, until the principal balance of the O Class is reduced to the greater of \$4,839,810.85 and its Adjusted Targeted Balance for such Distribution Date, concurrently, to the O, FD and SD Classes in the proportions of 8.3160752417%, 62.7311064136% and 28.9528183447%, respectively;
  - (b) second, while the P Class is still outstanding, concurrently, to the O, FD, SD and P Classes in the proportions of 1.8230870649%, 13.7521926328%, 6.3471658305% and 78.0775544718%, respectively, until the principal balance of the O Class is reduced to its Adjusted Targeted Balance for such Distribution Date; and
  - (c) *third*, concurrently, to the O, FD and SD Classes in the proportions set forth in subclause (a) above, until the principal balance of the O Class is reduced to its Adjusted Targeted Balance for such Distribution Date.
- (v) concurrently, to the FE, SE, SG, SH, FJ, SJ, SK, FL, SL, FM, SM and SN Classes, in proportion to their original principal balances (or 18.0183972972%, 4.5045993243%, 4.7693607533%, 1.3735347681%, 21.2359708815%, 6.0168590846%, 3.3784494932%, 10.5858084121%, 5.4870618966%, 16.2216211875%, 5.3847750588% and 3.0235618428%, respectively), until the principal balances thereof are reduced to zero;

Support Classes

TAC Classes

- (vi) to the K Class, without regard to its Targeted Balance and until the principal balance thereof is reduced to zero;
- TAC Class
- (vii) to the Scheduled Classes, in the order and proportions set forth in clause (ii) above, without regard to the Scheduled Balances and until the respective principal balances thereof are reduced to zero;

Scheduled Classes

(viii) to the PAC Classes, in the order and proportions set forth in clause (i) above, without regard to the Planned Balances and until the respective principal balances thereof are reduced to zero;

PAC Classes

(ix) concurrently, to the L, M and N Classes, in the proportions of 55.2637409302%, 18.4203238373% and 26.3159352325%, respectively, without regard to the Targeted Balances and until the respective principal balances thereof are reduced to zero; and

TAC Classes

(x) concurrently, to the O, FD, SD and P Classes, in the order and proportions set forth in clause (iv) above, setting the Adjusted Targeted Balance of the O Class to zero and until the respective principal balances thereof are reduced to zero.

### **Structuring Assumptions**

*Pricing Assumptions.* Unless otherwise specified, the information in the tables in this Prospectus Supplement has been prepared on the basis of the following assumptions (the "Pricing Assumptions"):

- all payments (including prepayments) on the Mortgage Loans underlying the GNMA Certificates are distributed on the Certificates in the month in which such payments are received;
- each Mortgage Loan bears interest at a rate of 8.50% per annum and has an original term to maturity of 360 months and a remaining term to maturity of 354 months;
- the Mortgage Loans prepay at the *constant* percentages of PSA specified in the related table:
- the closing date for the sale of the Certificates is the Settlement Date; and
- the first Distribution Date for the Certificates occurs in the month following the Settlement Date.

PSA Assumptions. Prepayments of mortgage loans commonly are measured relative to a prepayment standard or model. The model used in this Prospectus Supplement is the Public Securities Association's standard prepayment model ("PSA"). To assume a specified rate of PSA (for example, 180% 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 the Certificates—Prepayment Considerations and Risks" in the GNMA Prospectus. There is no assurance that prepayments will occur at any PSA rate or at any other constant rate.

The Principal Balance Schedules have been prepared on the basis of the Pricing Assumptions and the assumption that the Mortgage Loans prepay at the approximate *constant* levels set forth in the following table.

Principal Balance Schedule References	Related Classes	PSA Levels		
Planned Balances	PAC	Between 100% and 250%		
Scheduled Balances	Scheduled	Between $150\%$ and $180\%$		
Targeted Balances	$\mathrm{TAC}$	180%		

There is no assurance that the principal balances of the Classes listed above will conform on any Distribution Date to the applicable balances specified for such Distribution Date in the Principal Balance Schedules below, or that distributions of principal on the related Classes will begin or end on the respective Distribution Dates specified therein. Because any excess of the principal available for distribution on any Distribution Date over the amount necessary to reduce the principal balances of the applicable Classes to their respective scheduled balances will be distributed, the ability to so reduce the principal balances of such Classes will not be enhanced by the averaging of high and low principal payments. In addition, even if prepayments remain within the ranges specified above, the principal available for distribution may be insufficient to reduce the applicable Classes to such respective balances, if prepayments do not occur at a *constant* PSA rate. Moreover, because of the diverse remaining terms to maturity of the Mortgage Loans (which may include recently originated Mortgage Loans), the Classes specified above may not be reduced to their respective scheduled amounts, even if prepayments occur at a *constant* level within the ranges or at the rate specified above.

### **Principal Balance Schedules**

Distribution Date	A Class Planned Balance	B Class Planned Balance	C Class Planned Balance	D Class Planned Balance	FB Class Planned Balance	FC Class Planned Balance	E Class Scheduled Balance	G Class Scheduled Balance	H Class Scheduled Balance
Initial Balance	\$31,260,000.00	\$128,102,000.00	\$45,000,000.00	\$37,491,000.00	\$60,000,000.00	\$106,551,825.00	\$38,230,000.00	\$34,999,000.00	\$26,352,000.00
May 1993	30,428,541.41	128,102,000.00	44,769,526.91	37,491,000.00	59,271,063.25	106,250,920.75	37,785,406.38	34,758,061.19	26,352,000.00
June 1993	29,518,806.88	128,102,000.00	44,517,356.41	37,491,000.00	58,473,502.27	105,921,688.50	37,278,216.72	34,483,199.68	26,352,000.00
July 1993	28,531,091.80	128,102,000.00	44,243,570.38	37,491,000.00	57,607,576.02	105,564,235.15	36,708,875.34	34,174,656.27	26,352,000.00
August 1993	27,465,732.01	128,102,000.00	43,948,261.92	37,491,000.00	56,673,578.94	105,178,682.23	36,077,907.61	33,832,715.66	26,352,000.00
September 1993	26,323,103.63	128,102,000.00	43,631,535.28	37,491,000.00	55,671,840.76	104,765,165.87	35,385,919.57	33,457,706.29	26,352,000.00
October 1993	25,103,622.94	128,102,000.00	43,293,505.84	37,491,000.00	54,602,726.44	104,323,836.71	34,633,597.45	33,050,000.05	26,352,000.00
November 1993	23,807,746.10	128,102,000.00	42,934,300.06	37,491,000.00	53,466,635.89	103,854,859.84	33,821,706.97	32,610,011.90	26,352,000.00
December 1993	22,435,968.96	128,102,000.00	42,554,055.37	37,491,000.00	52,264,003.82	103,358,414.71	32,951,092.65	32,138,199.51	26,352,000.00
January 1994	20,988,826.75	128,102,000.00	42,152,920.14	37,491,000.00	50,995,299.47	102,834,695.02	32,022,676.85	31,635,062.74	26,352,000.00
February 1994	19,466,893.79	128,102,000.00	41,731,053.57	37,491,000.00	49,661,026.34	102,283,908.61	31,037,458.76	31,101,143.09	26,352,000.00
March 1994	17,870,783.13	128,102,000.00	41,288,625.58	37,491,000.00	48,261,721.88	101,706,277.35	29,996,513.23	30,537,023.04	26,352,000.00
April 1994	16,201,146.15	128,102,000.00	40,825,816.74	37,491,000.00	46,797,957.16	101,102,036.97	28,900,989.52	29,943,325.41	26,352,000.00
May 1994	14,458,672.18	128,102,000.00	40,342,818.12	37,491,000.00	45,270,336.52	100,471,436.93	27,752,109.80	29,320,712.54	26,352,000.00
June 1994	12,644,088.04	128,102,000.00	39,839,831.19	37,491,000.00	43,679,497.15	99,814,740.28	26,551,167.69	28,669,885.48	26,352,000.00
July 1994	10,758,157.53	128,102,000.00	39,317,067.66	37,491,000.00	42,026,108.68	99,132,223.43	25,299,526.54	27,991,583.06	26,352,000.00
August 1994	8,801,680.96	128,102,000.00	38,774,749.38	37,491,000.00	40,310,872.73	98,424,176.01	23,998,617.67	27,286,580.97	26,352,000.00
September 1994	6,775,494.57	128,102,000.00	38,213,108.14	37,491,000.00	38,534,522.43	97,690,900.66	22,649,938.48	26,555,690.69	26,352,000.00
October 1994	4,680,469.96	128,102,000.00	37,632,385.54	37,491,000.00	38,073,932.83	95,556,601.90	21,255,050.36	25,799,758.38	26,352,000.00
November 1994	2,517,513.48	128,102,000.00	37,032,832.82	37,491,000.00	37,598,408.50	93,353,097.75	19,815,576.67	25,019,663.80	26,352,000.00
December 1994	287,565.61	128,102,000.00	36,414,710.67	37,491,000.00	37,108,156.16	91,081,346.36	18,333,200.38	24,216,318.99	26,352,000.00
January 1995	0.00	125,466,002.82	35,778,259.74	37,491,000.00	36,714,792.92	89,258,563.66	16,809,661.84	23,390,667.11	26,352,000.00
February 1995	0.00	122,367,253.88	35,123,783.22	37,491,000.00	36,326,694.00	87,460,174.96	15,246,756.23	22,543,681.01	26,352,000.00
March 1995	0.00	119,184,542.34	34,451,573.24	37,491,000.00	35,928,079.29	85,613,057.76	13,646,331.10	21,676,361.95	26,352,000.00
April 1995	0.00	115,919,272.46	33,761,926.38	37,491,000.00	35,519,124.66	83,718,027.03	12,010,283.70	20,789,738.09	26,352,000.00
May 1995	0.00	112,670,000.81	33,075,658.46	37,491,000.00	35,112,173.71	81,832,281.03	10,399,332.47	19,916,714.61	26,352,000.00
June 1995	0.00	109,436,643.60	32,392,751.77	37,491,000.00	34,707,215.94	79,955,771.12	8,813,229.11	19,057,156.95	26,352,000.00
July 1995	0.00	106,219,117.46	31,713,188.71	37,491,000.00	34,304,240.91	78,088,448.93	7,251,727.52	18,210,931.74	26,352,000.00
August 1995	0.00	103,017,339.46	31,036,951.76	37,491,000.00	33,903,238.24	76,230,266.32	5,714,583.85	17,377,906.82	26,352,000.00
September 1995	0.00	99,831,227.07	30,364,023.49	37,491,000.00	33,504,197.59	74,381,175.40	4,201,556.40	16,557,951.22	26,352,000.00
October 1995	0.00	96,660,698.20	29,694,386.57	37,491,000.00	33,107,108.68	72,541,128.53	2,712,405.67	15,750,935.14	26,352,000.00
November 1995	0.00	93,505,671.18	29,028,023.74	37,491,000.00	32,711,961.28	70,710,078.31	1,246,894.29	14,956,729.94	26,352,000.00
December $1995$	0.00	90,366,064.76	28,364,917.85	37,491,000.00	32,318,745.21	68,887,977.58	0.00	14,175,207.92	26,156,787.29
January 1996	0.00	87,241,798.08	27,705,051.81	37,491,000.00	31,927,450.35	67,074,779.41	0.00	13,406,241.49	24,737,852.80
February 1996	0.00	84,132,790.72	27,048,408.64	37,491,000.00	31,538,066.62	65,270,437.14	0.00	12,649,706.98	23,341,858.31
March 1996	0.00	81,038,962.67	26,394,971.44	37,491,000.00	31,150,584.01	63,474,904.32	0.00	11,905,480.33	21,968,574.88
April 1996	0.00	77,960,234.30	25,744,723.40	37,491,000.00	30,764,992.54	61,688,134.75	0.00	11,173,438.59	20,617,775.65
May 1996	0.00	74,896,526.42	25,097,647.79	37,491,000.00	30,381,282.29	59,910,082.46	0.00	10,453,459.93	19,289,235.80
June 1996	0.00	71,847,760.23	24,453,727.96	37,491,000.00	29,999,443.39	58,140,701.73	0.00	9,745,423.61	17,982,732.54
July 1996	0.00	68,813,857.33	23,812,947.36	37,491,000.00	29,619,466.03	56,379,947.05	0.00	9,049,209.98	16,698,045.09
August 1996	0.00	65,794,739.72	23,175,289.51	37,491,000.00	29,241,340.43	54,627,773.16	0.00	8,364,700.48	15,434,954.67
September 1996	0.00	62,790,329.81	22,540,738.02	37,491,000.00	28,865,056.88	52,884,135.02	0.00	7,691,777.61	14,193,244.47
October 1996	0.00	59,800,550.40	21,909,276.59	37,491,000.00	28,490,605.71	51,148,987.83	0.00	7,030,324.94	12,972,699.64
November 1996	0.00	56,825,324.66	21,280,889.00	37,491,000.00	28,117,977.29	49,422,287.00	0.00	6,380,227.09	11,773,107.27
December 1996	0.00	53,864,576.20	20,655,559.10	37,491,000.00	27,747,162.06	47,703,988.20	0.00	5,741,369.73	10,594,256.40
January 1997	0.00	50,918,228.98	20,033,270.84	37,491,000.00	27,378,150.50	45,994,047.30	0.00	5,113,639.54	9,435,937.94
February 1997	0.00	47,986,207.36	19,414,008.24	37,491,000.00	27,010,933.13	44,292,420.40	0.00	4,496,924.27	8,297,944.74
March 1997	0.00	45,068,436.09	18,797,755.41	37,491,000.00	26,645,500.53	42,599,063.83	0.00	3,891,112.65	7,180,071.49
April 1997	0.00	42,164,840.31	18,184,496.54	37,491,000.00	26,281,843.32	40,913,934.14	0.00	3,296,094.44	6,082,114.77
May 1997	0.00	39,275,345.52	17,574,215.90	37,491,000.00	25,919,952.17	39,236,988.09	0.00	2,711,760.39	5,003,872.99
June 1997	0.00	36,399,877.63	16,966,897.83	37,491,000.00	25,559,817.80	37,568,182.69	0.00	2,138,002.25	3,945,146.40
July 1997	0.00	33,538,362.90	16,362,526.76	37,491,000.00	25,201,430.98	35,907,475.14	0.00	1,574,712.75	2,905,737.05

Distribution	A Class Planned Balance	B Class Planned Balance	C Class Planned Balance	D Class Planned Balance	FB Class Planned Balance	FC Class Planned Balance	E Class Scheduled Balance	G Class Scheduled Balance	H Class Scheduled Balance
August 1997 \$	0.00	\$ 30,690,727.98	\$15,761,087.20	\$37,491,000.00	\$24,844,782.52	\$ 34,254,822.87	\$ 0.00	\$ 1,021,785.60	\$ 1,885,448.82
September 1997	0.00	27,856,899.89	15,162,563.74	37,491,000.00	24,489,863.28	32,610,183.53	0.00	479,115.46	884,087.33
October 1997	0.00	25,036,806.04	14,566,941.04	37,491,000.00	24,136,664.16	30,973,514.99	0.00	0.00	0.00
November 1997	0.00	22,230,374.17	13,974,203.84	37,491,000.00	23,785,176.12	29,344,775.31	0.00	0.00	0.00
December 1997	0.00	19,437,532.44	13,384,336.97	37,491,000.00	23,435,390.16	27,723,922.80	0.00	0.00	0.00
January 1998	0.00	16,658,209.33	12,797,325.32	37,491,000.00	23,087,297.32	26,110,915.95	0.00	0.00	0.00
February 1998	0.00	13,892,333.71	12,213,153.87	37,491,000.00	22,740,888.70	24,505,713.48	0.00	0.00	0.00
March 1998	0.00	11,139,834.81	11,631,807.68	37,491,000.00	22,396,155.43	22,908,274.31	0.00	0.00	0.00
April 1998	0.00	8,400,642.22	11,053,271.87	37,491,000.00	22,053,088.69	21,318,557.59	0.00	0.00	0.00
May 1998	0.00	5,674,685.89	10,477,531.64	37,491,000.00	21,711,679.71	19,736,522.66	0.00	0.00	0.00
June 1998	0.00	2,961,896.12	9,904,572.28	37,491,000.00	21,371,919.76	18,162,129.07	0.00	0.00	0.00
July 1998	0.00	262,203.56	9,334,379.14	37,491,000.00	21,033,800.15	16,595,336.57	0.00	0.00	0.00
August 1998	0.00	0.00	8,766,952.23	35,422,115.15	20,634,195.36	14,743,631.53	0.00	0.00	0.00
September 1998	0.00	0.00	8,202,263.98	33,140,540.92	20,229,725.02	12,869,380.29	0.00	0.00	0.00
October 1998	0.00	0.00	7,640,298.38	30,869,967.34	19,827,204.84	11,004,165.79	0.00	0.00	0.00
November 1998	0.00	0.00	7,081,041.09	28,610,336.44	19,426,624.55	9,147,940.40	0.00	0.00	0.00
December 1998	0.00	0.00	6,524,477.83	26,361,590.54	19,027,973.91	7,300,656.74	0.00	0.00	0.00
January 1999	0.00	0.00	5,970,594.40	24,123,672.25	18,631,242.76	5,462,267.67	0.00	0.00	0.00
February 1999	0.00	0.00	5,419,376.67	21,896,524.49	18,236,420.97	3,632,726.30	0.00	0.00	0.00
March 1999	0.00	0.00	4,870,810.58	19,680,090.46	17,843,498.48	1,811,985.97	0.00	0.00	0.00
April 1999	0.00	0.00	4,324,882.14	17,474,313.64	17,452,465.27	0.00	0.00	0.00	0.00
May 1999	0.00	0.00	3,781,577.44	15,279,137.81	15,260,034.07	0.00	0.00	0.00	0.00
June 1999	0.00	0.00	3,240,882.63	13,094,507.03	13,078,134.73	0.00	0.00	0.00	0.00
July 1999	0.00	0.00	2,702,783.95	10,920,365.66	10,906,711.69	0.00	0.00	0.00	0.00
August 1999	0.00	0.00	2,167,267.68	8,756,658.32	8,745,709.63	0.00	0.00	0.00	0.00
September 1999	0.00	0.00	1,634,320.20	6,603,329.94	6,595,073.56	0.00	0.00	0.00	0.00
October 1999	0.00	0.00	1,103,927.94	4,460,325.70	4,454,748.72	0.00	0.00	0.00	0.00
November 1999	0.00	0.00	576,077.40	2,327,591.08	2,324,680.66	0.00	0.00	0.00	0.00
December 1999	0.00	0.00	50,755.16	205,071.83	204,815.20	0.00	0.00	0.00	0.00
January 2000 and thereafter	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Distribution Date	J Class Scheduled Balance	K Class Targeted Balance	L Class Targeted Balance	M Class Targeted Balance	N Class Targeted Balance	O Class Targeted Balance
Initial Balance	\$45,477,000.00	\$80,085,000.00	\$59,865,000.00	\$19,954,000.00	\$28,507,000.00	\$7,750,000.00
May 1993	45,477,000.00	79,671,520.67	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1993	45,477,000.00	79,199,914.13	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1993	45,477,000.00	78,670,687.05	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
August 1993	45,477,000.00	78,084,445.37	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
September 1993	45,477,000.00	77,441,893.77	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1993	45,477,000.00	76,743,834.98	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1993	45,477,000.00	75,991,168.85	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1993	45,477,000.00	75,184,891.20	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 1994	45,477,000.00	74,326,092.46	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 1994	45,477,000.00	73,415,956.16	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 1994	45,477,000.00	72,455,757.12	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 1994	45,477,000.00	71,446,859.51	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 1994	45,477,000.00	70,390,714.65	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1994	45,477,000.00	69,288,858.67	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1994	45,477,000.00	68,142,909.94	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
August 1994	45,477,000.00	66,954,566.30	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
September 1994	45,477,000.00	65,725,602.14	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1994	45,477,000.00	64,457,865.31	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1994	45,477,000.00	63,153,273.77	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1994	45,477,000.00	61,813,812.20	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 1995	45,477,000.00	60,441,528.37	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 1995	45,477,000.00	59,038,529.38	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 1995	45,477,000.00	57,606,977.77	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 1995	45,477,000.00	56,149,087.49	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 1995	45,477,000.00	54,720,744.89	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1995	45,477,000.00	53,321,551.35	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1995	45,477,000.00	51,951,112.92	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
August 1995	45,477,000.00	50,609,040.32	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
September 1995	45,477,000.00	49,294,948.81	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1995	45,477,000.00	48,008,458.22	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1995	45,477,000.00	46,749,192.84	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1995	45,477,000.00	45,516,781.41	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 1996	45,477,000.00	44,310,857.03	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 1996	45,477,000.00	43,131,057.18	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 1996	45,477,000.00	41,977,023.59	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 1996	45,477,000.00	40,848,402.24	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 1996	45,477,000.00	39,744,843.34	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1996	45,477,000.00	38,666,001.19	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1996	45,477,000.00	37,611,534.25	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
August 1996	45,477,000.00	36,581,104.99	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
September 1996	45,477,000.00	35,574,379.94	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1996	45,477,000.00	34,591,029.56	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1996	45,477,000.00	33,630,728.25	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1996	45,477,000.00	32,693,154.30	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 1997	45,477,000.00	31,777,989.83	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 1997	45,477,000.00	30,884,920.75	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 1997	45,477,000.00	30,013,636.72	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 1997	45,477,000.00	29,163,831.15	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 1997	45,477,000.00	28,335,201.07	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1997	45,477,000.00	27,527,447.17	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1997	45,477,000.00	26,740,273.73	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00

Distribution Date	J Class Scheduled Balance	K Class Targeted Balance	L Class Targeted Balance	M Class Targeted Balance	N Class Targeted Balance	O Class Targeted Balance
August 1997	\$45,477,000.00	\$25,973,388.57	\$59,865,000.00	\$19,954,000.00	\$28,507,000.00	\$7,750,000.00
September 1997	45,477,000.00	25,226,503.02	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1997	45,325,058.01	24,499,331.90	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1997	43,838,505.78	23,791,593.45	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1997	42,380,254.54	23,103,009.29	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 1998	40,950,015.40	22,433,304.42	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 1998	39,547,502.07	21,782,207.17	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 1998	38,172,430.90	21,149,449.11	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 1998	36,824,520.81	20,534,765.09	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 1998	35,503,493.31	19,937,893.17	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1998	34,209,072.45	19,358,574.56	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1998	32,940,984.79	18,796,553.64	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
August 1998	31,698,959.42	18,251,577.88	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
September 1998	30,482,727.89	17,723,397.80	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1998	29,292,024.22	17,211,766.98	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1998	28,126,584.88	16,716,441.99	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1998	26,986,148.73	16,237,182.38	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 1999	25,870,457.06	15,773,750.61	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 1999	24,779,253.52	15,325,912.06	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 1999	23,712,284.13	14,893,434.98	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 1999	22,669,297.24	14,476,090.43	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 1999	21,650,043.51	14,073,652.31	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
June 1999	20,654,275.91	13,685,897.27	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
July 1999	19,681,749.68	13,312,604.71	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
August 1999	18,732,222.32	12,953,556.74	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
September 1999	17,805,453.57	12,608,538.15	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
October 1999	16,901,205.40	12,277,336.37	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
November 1999	16,019,241.95	11,959,741.47	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
December 1999	15,159,329.58	11,655,546.09	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
January 2000	10,036,997.28	11,364,545.46	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
February 2000	4,498,317.20	11,086,537.31	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
March 2000	0.00	9,824,906.44	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
April 2000	0.00	4,121,156.72	59,865,000.00	19,954,000.00	28,507,000.00	7,750,000.00
May 2000	0.00	0.00	59,021,160.66	19,672,734.32	28,105,173.76	7,750,000.00
June 2000	0.00	0.00	55,930,282.95	18,642,493.38	26,633,334.61	7,750,000.00
July 2000	0.00	0.00	52,869,581.27	17,622,310.61	25,175,864.92	7,750,000.00
August 2000	0.00	0.00	49,838,767.44	16,612,089.96	23,732,627.47	7,750,000.00
September 2000	0.00	0.00	46,837,555.99	15,611,736.28	22,303,486.32	7,750,000.00
October 2000	0.00	0.00	43,865,664.17	14,621,155.32	20,888,306.84	7,750,000.00
November 2000	0.00	0.00	40,922,811.92	13,640,253.73	19,486,955.65	7,750,000.00
December 2000	0.00	0.00	38,008,721.84	12,668,939.05	18,099,300.65	7,750,000.00
January 2001	0.00	0.00	35,123,119.15	11,707,119.69	16,725,211.02	7,750,000.00
February 2001	0.00	0.00	32,265,731.70	10,754,704.94	15,364,557.15	7,750,000.00
March 2001	0.00	0.00	29,436,289.91	9,811,604.94	14,017,210.67	7,750,000.00
April 2001	0.00	0.00	26,634,526.78	8,877,730.70	12,683,044.44	7,750,000.00
May 2001	0.00	0.00	23,860,177.81	7,952,994.05	11,361,932.50	7,750,000.00
June 2001	0.00	0.00	21,112,981.05	7,037,307.69	10,053,750.12	7,750,000.00
July 2001	0.00	0.00	18,392,677.02	6,130,585.12	8,758,373.75	7,750,000.00
August 2001	0.00	0.00	15,699,008.71	5,232,740.68	7,475,680.98	7,750,000.00
September 2001	0.00	0.00	13,031,721.55	4,343,689.51	6,205,550.60	7,750,000.00
October 2001	0.00	0.00	10,390,563.38	3,463,347.57	4,947,862.53	7,750,000.00
November 2001	0.00	0.00	7,775,284.45	2,591,631.61	3,702,497.85	7,750,000.00

Distribution Date	J Class Scheduled Balance	K Class Targeted Balance	L Class Targeted Balance	M Class Targeted Balance	N Class Targeted Balance	O Class Targeted Balance
December 2001	\$ 0.00	\$ 0.00	\$ 5,185,637.37	\$ 1,728,459.17	\$ 2,469,338.76	\$7,750,000.00
January 2002	0.00	0.00	2,621,377.10	873,748.58	1,248,268.56	7,750,000.00
February 2002	0.00	0.00	82,260.95	27,418.95	39,171.69	7,750,000.00
March 2002	0.00	0.00	0.00	0.00	0.00	7,384,040.49
April 2002	0.00	0.00	0.00	0.00	0.00	7,009,414.04
May 2002	0.00	0.00	0.00	0.00	0.00	6,638,463.77
June 2002	0.00	0.00	0.00	0.00	0.00	6,271,154.54
July 2002	0.00	0.00	0.00	0.00	0.00	5,907,451.50
August 2002	0.00	0.00	0.00	0.00	0.00	5,547,320.19
September 2002	0.00	0.00	0.00	0.00	0.00	5,190,726.43
October 2002	0.00	0.00	0.00	0.00	0.00	4,839,334.15
November 2002	0.00	0.00	0.00	0.00	0.00	4,762,688.94
December 2002	0.00	0.00	0.00	0.00	0.00	4,686,797.19
January 2003	0.00	0.00	0.00	0.00	0.00	4,611,651.72
February 2003	0.00	0.00	0.00	0.00	0.00	4,537,245.37
March 2003	0.00	0.00	0.00	0.00	0.00	4,463,571.07
April 2003	0.00	0.00	0.00	0.00	0.00	4,390,621.83
May 2003	0.00	0.00	0.00	0.00	0.00	4,318,390.69
June 2003	0.00	0.00	0.00	0.00	0.00	4,246,870.80
July 2003	0.00	0.00	0.00	0.00	0.00	4,176,055.34
August 2003	0.00	0.00	0.00	0.00	0.00	4,105,937.56
September 2003	0.00	0.00	0.00	0.00	0.00	4,036,510.80
October 2003	0.00	0.00	0.00	0.00	0.00	3,967,768.43
November 2003	0.00	0.00	0.00	0.00	0.00	3,899,703.91
December 2003	0.00	0.00	0.00	0.00	0.00	3,832,310.74
January 2004	0.00	0.00	0.00	0.00	0.00	3,765,582.50
February 2004	0.00	0.00	0.00	0.00	0.00	3,699,512.81
March 2004	0.00	0.00	0.00	0.00	0.00	3,634,095.38
April 2004	0.00	0.00	0.00	0.00	0.00	3,569,323.96
May 2004	0.00	0.00	0.00	0.00	0.00	3,505,192.35
June 2004	0.00	0.00	0.00	0.00	0.00	3,441,694.43
July 2004	0.00	0.00	0.00	0.00	0.00	3,378,824.13
August 2004	0.00	0.00	0.00	0.00	0.00	3,316,575.44
September 2004	0.00	0.00	0.00	0.00	0.00	3,254,942.40
October 2004	0.00	0.00	0.00	0.00	0.00	3,193,919.11
November 2004	0.00	0.00	0.00	0.00	0.00	3,133,499.74
December 2004	0.00	0.00	0.00	0.00	0.00	3,073,678.48
January 2005	0.00	0.00	0.00	0.00	0.00	3,014,449.62
February 2005	0.00	0.00	0.00	0.00	0.00	2,955,807.47
March 2005	0.00	0.00	0.00	0.00	0.00	2,897,746.42
April 2005	0.00	0.00	0.00	0.00	0.00	2,840,260.88
May 2005	0.00	0.00	0.00	0.00	0.00	2,783,345.34
June 2005	0.00	0.00	0.00	0.00	0.00	2,726,994.34
July 2005	0.00	0.00	0.00	0.00	0.00	2,671,202.47
August 2005	0.00	0.00	0.00	0.00	0.00	2,615,964.36
September 2005	0.00	0.00	0.00	0.00	0.00	2,561,274.70
October 2005	0.00	0.00	0.00	0.00	0.00	2,507,128.23
November 2005	0.00	0.00	0.00	0.00	0.00	2,270,735.99
December 2005	0.00	0.00	0.00	0.00	0.00	2,028,629.52
January 2006	0.00	0.00	0.00	0.00	0.00	1,788,930.22
February 2006	0.00	0.00	0.00	0.00	0.00	1,551,615.00
March 2006	0.00	0.00	0.00	0.00	0.00	1,316,660.99
	2.30	2.30		2.30	2.30	-, ,

Distribution Date	J Class Scheduled Balance	K Class Targeted Balance	L Class Targeted Balance	M Class Targeted Balance	N Class Targeted Balance	O Class Targeted Balance
April 2006	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00 \$	0.00	\$1,084,045.52
May 2006	0.00	0.00	0.00	0.00	0.00	853,746.16
June 2006	0.00	0.00	0.00	0.00	0.00	625,740.68
July 2006	0.00	0.00	0.00	0.00	0.00	400,007.07
August 2006	0.00	0.00	0.00	0.00	0.00	176,523.51
September 2006 and thereafter	0.00	0.00	0.00	0.00	0.00	0.00

#### Characteristics of the R and RL Classes

The R and RL Certificates will not have principal balances and will not bear interest. The Holder of the R Certificate will be entitled to receive the proceeds of the remaining assets of the Trust, if any, after the principal balances of all Classes have been reduced to zero, and the Holder of the RL Certificate will be entitled to receive the proceeds of the remaining assets of the Lower Tier REMIC, if any, after the principal balances of the Lower Tier Interests have been reduced to zero. It is not anticipated that there will be any material assets remaining in either such circumstance.

The R Class and the RL Class will be subject to certain transfer restrictions. No transfer of record or beneficial ownership of an R or RL Certificate will be allowed to a "disqualified organization." In addition, no transfer of record or beneficial ownership of an R or RL Certificate will be allowed to any person that is not a "U.S. Person" without the written consent of Fannie Mae. Under regulations issued by the Treasury Department on December 23, 1992 (the "Regulations"), a transfer of a "noneconomic residual interest" to a U.S. Person 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 Certificates will constitute noneconomic residual interests under the Regulations. Any transferee of an R or RL Certificate must execute and deliver an affidavit and an Internal Revenue Service Form W-9 on which the transferee provides its taxpayer identification number. See "Description of the Certificates—Additional Characteristics of Residual Certificates" and "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates" in the GNMA Prospectus. Transferors of an R or RL Certificate should consult with their own tax advisors for further information regarding such transfers.

The Holder of the R Certificate will be considered to be the holder of the "residual interest" in the REMIC constituted by the Trust, and the Holder of the RL Certificate 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 GNMA Prospectus. Pursuant to the Trust Agreement, Fannie Mae will be obligated to provide to such Holders (i) such information as is necessary to enable them to prepare their federal income tax returns and (ii) any reports regarding the Certificates that may be required under the Code.

#### **Yield Considerations**

General. There can be no assurance that the Mortgage Loans will have the characteristics assumed herein or will prepay at any of the rates assumed herein or at any other particular rate, that the pre-tax yields on the Certificates will correspond to any of the pre-tax yields shown herein or that the aggregate purchase prices of the Certificates will be as assumed. In addition, there can be no assurance that the applicable Index will correspond to the levels shown herein. Because the rate of principal distributions on the Certificates will be related to the amortization of the Mortgage Loans in each Pool, which are likely to include Mortgage Loans that have remaining terms to maturity shorter or longer than those assumed and interest rates higher than those assumed, the principal distributions on the Certificates are likely to differ from those assumed, even if all Mortgage Loans prepay at the indicated constant percentages of PSA. The rate of distribution of principal of the Certificates will also be affected by the distribution of a portion of the principal payments (including prepayments) on the Mortgage Loans underlying the GNMA Certificates in the month following the month in which they are received. In addition, it is not likely that the Mortgage Loans will prepay at a constant PSA rate until maturity, that all of such Mortgage Loans will prepay at the same rate or that the level of the applicable Index will remain constant.

The timing of changes in the rate of prepayments or the level of the applicable Index may significantly affect the actual yield to maturity to investors, even if the average rate of principal

prepayments or the average level of such Index is consistent with the expectations of investors. In general, the earlier the payment of principal of the Mortgage Loans or change in the level of an Index, the greater the effect on an investor's yield to maturity. As a result, the effect on an investor's yield of principal prepayments or the level of an Index occurring at a rate or level higher (or lower) than the rate or level anticipated by the investor during the period immediately following the issuance of the Certificates will not be offset by a subsequent like reduction (or increase) in the rate of principal prepayments or level of such Index.

The effective yield on the Delay Classes will be reduced below the yield otherwise produced because principal and interest payable on a Distribution Date will not be distributed until the 25th day following the end of the related Interest Accrual Period and will not bear interest during such delay. No interest at all will be paid on any Class after its principal balance has been reduced to zero. As a result of the foregoing, the market value of the Delay Classes will be lower than would have been the case if there were no such delay. Investors must make their own decisions as to the appropriate assumptions, including prepayment assumptions, to be used in deciding whether to purchase the Certificates.

The tables below indicate the sensitivity of the pre-tax corporate bond equivalent yields to maturity of certain Classes to various constant percentages of PSA and, where specified, to changes in the applicable Index. The yields set forth in the tables were calculated 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 value of such assumed streams of cash flows to equal the assumed aggregate purchase prices of such Classes and converting such monthly rates to corporate bond equivalent rates. Such calculations do not take into account variations that may occur in the interest rates at which investors may be able to reinvest funds received by them as distributions on the Certificates and consequently do not purport to reflect the return on any investment in the Certificates when such reinvestment rates are considered.

The Interest Only Class. The yield to investors in the F Class will be highly sensitive to the level of the Index and to the rate of principal payments (including prepayments) of the Mortgage Loans, which generally can be prepaid at any time. As indicated in the table below, a low level of the Index or a high rate of principal payments (including prepayments) will have a negative effect on the yield to investors in the F Class. It is possible that, under certain low Index or high prepayment scenarios, investors in the F Class would not fully recoup their initial investments.

Changes in the Index may not correlate with 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 concurrently with an increased level of such Index.

The information set forth in the following table was prepared on the basis of the Pricing Assumptions and the assumptions that (i) the interest rate applicable to the F Class for each Interest Accrual Period subsequent to its initial Interest Accrual Period will be based on the indicated level of the Index and (ii) the aggregate purchase price of the F Class (expressed as a percentage of original principal balance) is 32.75746% plus accrued interest.

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

	PSA Prepayment Assumption							
LIBOR	50%	100%	180%	250%	500%			
1.1875%	(0.6)%	(3.5)%	(8.1)%	(12.3)%	(28.1)%			
3.1875%	7.5%	4.7%	0.0%	(4.2)%	(19.9)%			
5.1875%	14.6%	11.8%	7.1%	3.0%	(12.4)%			
7.1875%	21.4%	18.6%	14.0%	10.0%	(5.2)%			
8.6500%	26.4%	23.6%	19.1%	15.0%	0.0%			

The Inverse Floating Rate Classes. The yields to investors in the Inverse Floating Rate Classes will be sensitive in varying degrees to the level of the applicable Index and to the rate of principal payments (including prepayments) of the Mortgage Loans, which generally can be prepaid at any time. As indicated in the tables below, a high level of the applicable Index will have a negative effect on the yields to investors in the Inverse Floating Rate Classes. It is possible that, under certain high Index or high prepayment scenarios, investors in the SB, SC, SK, S and SA Classes would not fully recoup their initial investments.

Changes in the applicable Index may not correlate with 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 concurrently with an increased level of such Index.

The information in the following tables was prepared on the basis of the Pricing Assumptions and the assumptions that (i) the interest rates applicable to the Inverse Floating Rate Classes for each Interest Accrual Period subsequent to their initial Interest Accrual Periods or, in the case of the SB Class, for each Interest Accrual Period subsequent to the initial twelve Interest Accrual Periods, will be based on the indicated level of the applicable Index and (ii) the aggregate purchase prices of the Inverse Floating Rate Classes (expressed as percentages of original principal balance) are as follows:

Class	Price*
SB	28.60198%
SC	29.90889%
SD	85.353%
SE	81.96962%
SG	89.40877%
SH	100.00001%
SJ	84.62766%
SK	101.2066%
SL	90.94239%
SM	83.84656%
SN	100.00001%
S	2.64356%
SA	13.80168%

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

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

	PSA Prepayment Assumption							
LIBOR	50%	100%	180%	250%	500%			
1.1875%	53.9%	44.1%	44.1%	44.1%	42.5%			
3.1875%	40.1%	30.0%	30.0%	30.0%	28.3%			
5.1875%	22.9%	11.7%	11.7%	11.7%	10.0%			
7.1875%	(4.4)%	(19.5)%	(19.5)%	(19.5)%	(21.2)%			
8.0000%	(95.2)%	(98.9)%	(98.9)%	(98.9)%	(98.9)%			

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

	PSA Prepayment Assumption						
LIBOR	50%	100%	180%	250%	500%		
1.1875%	75.8%	65.8%	65.8%	65.8%	62.9%		
3.1875%	47.4%	35.5%	35.5%	35.5%	31.2%		
5.1875%	18.5%	3.2%	3.2%	3.2%	(3.0)%		
7.1875%							
8.0000%	*	*	*	*	*		

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

### Sensitivity of the SD Class to Prepayments and Treasury Index (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption						
Treasury Index	50%	100%	180%	250%	500%		
3.97%	16.3%	16.4%	16.8%	16.8%	18.2%		
5.97%	11.1%	11.2%	11.7%	11.8%	13.1%		
7.97%	6.0%	6.3%	6.8%	6.8%	8.1%		
10.15%	0.8%	1.0%	1.5%	1.5%	2.7%		

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

	PSA Prepayment Assumption						
LIBOR	50%	100%	180%	250%	500%		
1.1875%	14.3%	14.4%	14.5%	16.9%	33.1%		
3.1875%	9.5%	9.5%	9.8%	11.8%	28.4%		
5.1875%	4.8%	4.9%	5.1%	6.8%	23.8%		
7.0000% and above	0.8%	0.8%	1.1%	2.4%	19.7%		

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

	PSA Prepayment Assumption											
LIBOR	50%	100%	180%	250%	500%							
1.1875%	16.9%	16.9%	17.0%	18.3%	27.0%							
3.1875%	12.4%	12.4%	12.5%	13.7%	22.8%							
5.1875%	8.0%	8.0%	8.1%	9.2%	18.6%							
7.1875%	3.7%	3.7%	3.9%	4.7%	14.4%							
8.7500%	0.4%	0.5%	0.6%	1.3%	11.2%							

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

	PSA Prepayment Assumption												
LIBOR	50%	100%	180%	250%	500%								
7.0000% and below	11.5%	11.5%	11.5%	11.5%	11.5%								
8.1875%	3.7%	3.7%	3.7%	3.7%	4.1%								
8.7500%	0.0%	0.0%	0.0%	0.1%	0.7%								

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

	PSA Prepayment Assumption											
Prime Rate	50%	100%	180%	250%	500%							
4.00%	21.5%	21.5%	21.6%	23.7%	36.0%							
6.00%	12.8%	12.9%	13.0%	14.8%	27.8%							
8.00%	4.5%	4.6%	4.8%	6.1%	19.8%							
9.00% and above	0.6%	0.7%	0.9%	1 9%	15 9%							

# Sensitivity of the SK Class to Prepayments and the Prime Rate (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption											
Prime Rate	50%	100%	180%	250%	500%							
9.00% and below	11.0%	11.0%	11.0%	10.8%	9.3%							
10.00%	4.7%	4.7%	4.6%	4.5%	3.4%							
10.75%	0.0%	0.0%	(0.1)%	(0.1)%	(1.0)%							

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

	<b>PSA Prepayment Assumption</b>											
LIBOR	50%	100%	180%	250%	500%							
3.6250% and below	11.1%	$\overline{11.2\%}$	$\frac{-}{11.3\%}$	$\overline{12.2\%}$	19.9%							
5.1875%	8.4%	8.5%	8.6%	9.5%	17.3%							
7.1875%	5.0%	5.1%	5.2%	5.9%	14.0%							
9.1875%	1.7%	1.8%	1.9%	2.5%	10.8%							
10.0000%	0.4%	0.4%	0.5%	1.1%	9.5%							

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

	PSA Prepayment Assumption												
COFI	50%	100%	180%	250%	500%								
2.36%	17.1%	17.1%	17.2%	19.4%	32.8%								
4.36%	9.8%	9.8%	10.0%	11.7%	25.8%								
6.36%	2.8%	2.9%	3.1%	4.3%	19.0%								
7.00% and above	0.7%	0.7%	0.9%	2.0%	16.8%								

### Sensitivity of the SN Class to Prepayments and COFI (Pre-Tax Yields to Maturity)

	PSA Prepayment Assumption											
COFI	50%	100%	180%	250%	500%							
7.00% and below	9.5%	9.5%	9.5%	9.4%	9.0%							
8.00%	4.0%	4.0%	4.0%	4.0%	3.8%							
8.75%	0.0%	0.0%	0.0%	0.0%	0.0%							

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

	PSA Prepayment Assumption												
LIBOR	50%	100%	180%	250%	500%								
1.1875%	358.4%	284.5%	178.1%	101.2%	(73.9)%								
3.1875%	213.7%	148.3%	60.0%	0.2%	*								
5.1875%	85.3%	28.0%	(41.5)%	(84.3)%	*								
7.1875%					*								
8.6500%	*	*	*	*	*								

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

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

	PSA Prepayment Assumption										
LIBOR	50%	100%	180%	250%	500%						
1.1875%	58.1%	55.8%	51.8%	48.1%	34.2%						
3.1875%	40.7%	38.2%	34.0%	30.2%	15.8%						
5.1875%	23.8%	21.1%	16.6%	12.6%	(2.4)%						
$7.1875\%\dots$	6.3%	3.5%	(1.2)%	(5.3)%	(21.0)%						
8.6500%	*	*	*	*	*						

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

The Principal Only Class. The Q Class will be principal only certificates and will not bear interest. As indicated in the table below, a low rate of principal payments (including prepayments) will have a negative effect on the yield to investors in the Q Class.

The information set forth in the following table has been prepared on the basis of the Pricing Assumptions and on the assumption that the aggregate purchase price (expressed as a percentage of original principal balance) of the Q Class is 71.0%.

### Sensitivity of the Q Class to Prepayments

PSA Percentages	50%	$\underline{100\%}$	180%	250%	500%
Pre-Tax Yield to Maturity	2.4%	3 3%	48%	6.2%	11 2%

### 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 such Certificate from one Distribution Date to the next Distribution Date by the number of years from the date of issuance 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 such 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 the Certificates—Weighted Average Life and Final Distribution Dates" in the GNMA Prospectus.

In general, the weighted average lives of the Certificates will be shortened if the level of prepayments of principal of the Mortgage Loans increases. However, the weighted average lives will depend upon a variety of other factors, including the timing of changes in such rate of principal payments, the priority sequence of distributions of principal of the Classes and the distribution of principal of certain Classes in accordance with the Principal Balance Schedules herein. In particular, if the amount distributable as principal of the Certificates on any Distribution Date exceeds the amount required to reduce the principal balances of certain Classes with higher principal payment priorities to their respective scheduled amounts as set forth in the Principal Balance Schedules, such excess principal will be distributed on the remaining Classes on such Distribution Date. Conversely, if the principal distributable on any Distribution Date is less than the amount so required to reduce certain Classes to their respective scheduled amounts, no principal will be distributed on the remaining Classes on such Distribution Date. Accordingly, the rate of principal payments on the Mortgage Loans is expected to have a greater effect on the weighted average lives of the Support Classes and, under certain prepayment scenarios, the TAC Classes and the Scheduled Classes, than on the weighted average lives of the PAC Classes. See "Distributions of Principal" herein.

The interaction of the foregoing factors may have different effects on various Classes and the effects on any Class may vary at different times during the life of such Class. Accordingly, no assurance can be given as to the weighted average life of any Class. Further, to the extent the prices of the Certificates represent discounts or premiums to their respective original principal balances, variability in the weighted average lives of such 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 of the dates shown at various constant PSA levels and the corresponding weighted average lives of such Classes. The tables have been prepared on the basis of the Pricing Assumptions, except that with respect to the information set forth for each such Class under 0% PSA it has been assumed that each Mortgage Loan underlying the GNMA Certificates bears an interest rate of 9.50% per annum and has an original and remaining term to maturity of 360 months. It is not likely that (i) all of the underlying Mortgage Loans will have the interest rate or remaining term to maturity assumed or (ii) the underlying Mortgage Loans will prepay at a constant PSA level. In addition, a portion of the payments (including prepayments) on the Mortgage Loans will be distributed in the month following the month in which such payments are received. Moreover, the diverse remaining terms to maturity of the Mortgage Loans (which will include recently originated Mortgage Loans) could produce slower or faster principal distributions than indicated in the tables at the specified constant PSA levels, even if the weighted average remaining term to maturity of the Mortgage Loans is identical to the remaining term to maturity specified in the Pricing Assumptions.

### Percent of Original Principal Balances Outstanding

			A Clas	ss		B Class					C Class					D Class				
			Prepa ssump	yment tion	<del></del>	PSA Prepayment Assumption				PSA Prepayment Assumption					PSA Prepayment Assumption					
Date	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
April 1994	91	52	52	52	52	100	100	100	100	100	98	91	91	91	91	100	100	100	100	100
April 1995	81	0	0	0	0	100	90	90	90	90	96	75	75	75	75	100	100	100	100	100
April 1996	70	0	0	0	0	100	61	61	61	57	94	57	57	57	55	100	100	100	100	100
April 1997	58	0	0	0	0	100	33	33	33	3	92	40	40	40	22	100	100	100	100	100
April 1998	45	0	0	0	0	100	7	7	7	0	89	25	25	25	14	100	100	100	100	67
April 1999	30	0	0	0	0	100	0	0	0	0	87	10	10	10	9	100	47	47	47	41
April 2000	14	0	0	0	0	100	0	0	0	0	83	0	0	0	0	100	0	0	0	0
April 2001	0	0	0	0	0	99	0	0	0	0	80	0	0	0	0	100	0	0	0	0
April 2002	0	0	0	0	0	93	0	0	0	0	76	0	0	0	0	100	0	0	0	0
April 2003	0	0	0	0	0	86	0	0	0	0	72	0	0	0	0	100	0	0	0	0
April 2004	0	0	0	0	0	78	0	0	0	0	68	0	0	0	0	100	0	0	0	0
April 2005	0	0	0	0	0	70	0	0	0	0	63	0	0	0	0	100	0	0	0	0
April 2006	0	0	0	0	0	61	0	0	0	0	57	0	0	0	0	100	0	0	0	0
April 2007	0	0	0	0	0	51	0	0	0	0	51	0	0	0	0	100	0	0	0	Ü
April 2008	0	0	0	0	0	40	0	0	0	0	45	0	0	0	0	100	0	0	0	0
April 2009	0	0	0	0	0	28	0	0	0	0	38	0	0	0	0	100	0	0	0	0
April 2010	0	0	0	0	0	15	0	0	0	0	30 21	0	0	0	0	100	0	0	0	0
April 2011	0	0	0	0	0	1	0	- 7	- 7	0	11	0	0	0	0	100 55	0	0	0	0
April 2012	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	4	0	0	0	0
April 2013	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April 2014	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
April 2016	ő	ő	ő	0	ő	ő	0	0	0	ő	ŏ	ő	ő	0	ő	ő	ő	0	0	ő
April 2017	0	0	ő	ő	ő	ŏ	0	0	0	ŏ	ő	0	0	0	ő	0	ő	0	0	ő
April 2018	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
April 2019	ő	Õ	Õ	ő	ő	Õ	ő	Õ	Õ	Õ	ő	Õ	Õ	Õ	Õ	ő	Õ	ő	Õ	Õ
April 2020	ő	Õ	Õ	ő	ő	Õ	ő	Õ	Õ	Õ	ő	Õ	Õ	Õ	Õ	ő	Õ	Õ	Õ	Õ
April 2021	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ	ŏ
April 2022	Ō	Ō	Ō	Õ	Õ	Ō	Õ	Õ	Ō	Õ	Ō	Ō	Ō	Ō	ō	Ō	Ō	Õ	Ō	Õ
April 2023	Ō	Ō	Ō	Ō	Ō	Ō	Õ	Õ	Ō	Ō	Ō	Ö	Ō	Ō	Ō	Ō	Ō	Ō	Ō	Ō
Weighted Average																				
Life (years)**	4.4	1.0	1.0	1.0	1.0	13.8	3.4	3.4	3.4	3.0	13.1	3.5	3.5	3.5	3.2	19.1	6.0	6.0	6.0	5.5

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

		FB ar	nd SB† (	Classes		FC and SC† Classes						E Class									
			Prepay ssumpti				PSA Prepayment Assumption														
Date	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	150%	180%	250%	500%					
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100					
April 1994	96	78	78	78	78	99	95	95	95	95	100	100	76	76	76	76					
April 1995	91	59	59	59	59	98	79	79	79	79	100	100	31	31	31	31					
April 1996	86	51	51	51	50	97	58	58	58	55	100	100	0	0	0	0					
April 1997	81	44	44	44	36	96	38	38	38	17	100	100	0	0	0	0					
April 1998	75	37	37	37	31	94	20	20	20	6	100	100	0	0	0	0					
April 1999	68	29	29	29	26	93	0	0	0	0	100	100	0	0	0	0					
April 2000	63	0	0	0	0	89	0	0	0	0	100	69	0	0	0	0					
April 2001	61	0	0	0	0	84	0	0	0	0	100	0	0	0	0	0					
April 2002	60	0	0	0	0	80	0	0	0	0	100	0	0	0	0	0					
April 2003	58	0	0	0	0	75	0	0	0	0	100	0	0	0	0	0					
April 2004	56	0	0	0	0	70	0	0	0	0	100	0	0	0	0	0					
April 2005	54	0	0	0	0	64	0	0	0	0	100	0	0	0	0	0					
April 2006	51	0	0	0	0	58	0	0	0	0	100	0	0	0	0	0					
April 2007	49	0	0	0	0	51	0	0	0	0	100	0	0	0	0	0					
April 2008	46	0	0	0	0	44	0	0	0	0	100	0	0	0	0	0					
April 2009	43	0	0	0	0	35	0	0	0	0	100	0	0	0	0	0					
April 2010	39	0	0	0	0	26	0	0	0	0	100	0	0	0	0	0					
April 2011	35	0	0	0	0	16	0	0	0	0	100	0	0	0	0	0					
April 2012	30	0	0	0	0	$^{2}$	0	0	0	0	100	0	0	0	0	0					
April 2013	$^{2}$	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0					
April 2014	0	0	0	0	0	0	0	0	0	0	25	0	0	0	0	0					
April 2015	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
April 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Weighted Average																					
Life (years)**	12.0	3.4	3.4	3.4	3.3	13.2	3.4	3.4	3.4	3.0	20.7	7.2	1.6	1.6	1.6	1.5					

	G Class						H Class							J Class							
	PSA Prepayment Assumption							]	PSA Pr Assu	epaym mption	ent		PSA Prepayment Assumption								
Date	0%	100%	150%	180%	250%	500%	0%	100%	150%	180%	250%	500%	0%	100%	150%	180%	250%	500%			
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
April 1994	100	100	86	86	86	86	100	100	100	100	100	100	100	100	100	100	100	100			
April 1995	100	100	59	59	59	59	100	100	100	100	100	100	100	100	100	100	100	100			
April 1996	100	100	32	32	32	0	100	100	78	78	78	0	100	100	100	100	100	0			
April 1997	100	100	9	9	9	0	100	100	23	23	23	0	100	100	100	100	100	0			
April 1998	100	100	0	0	0	0	100	100	0	0	0	0	100	100	81	81	81	0			
April 1999	100	100	0	0	0	0	100	100	0	0	0	0	100	100	50	50	50	0			
April 2000	100	82	0	0	0	0	100	100	0	0	0	0	100	100	0	0	0	0			
April 2001	100	27	0	0	0	0	100	66	0	0	0	0	100	100	0	0	0	0			
April 2002	100	0	0	0	0	0	100	0	0	0	0	0	100	46	0	0	0	0			
April 2003	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2004	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2005	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2006	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2007	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2008	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2009	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2010	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2011	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2012	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2013	100	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2014	56	0	0	0	0	0	100	0	0	0	0	0	100	0	0	0	0	0			
April 2015	3	0	0	0	0	0	8	0	0	0	0	0	100	0	0	0	0	0			
April 2016	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2017	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2018	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2019	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2020	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
April 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Weighted Average																					
Life (years)**	21.1	7.6	2.4	2.4	2.4	1.9	21.7	8.2	3.5	3.5	3.5	2.5	22.5	9.0	5.9	5.9	5.9	2.7			

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

In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

	K Class						Classe	es	0	and SI	es	P Class									
	PSA Prepayment Assumption					PSA Prepayment Assumption							Prepa sump		;	PSA Prepayment Assumption					
Date	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
April 1994	100	100	89	89	89	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
April 1995	100	100	70	70	47	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
April 1996	100	100	51	51	0	100	100	100	100	100	100	100	100	100	94	100	100	100	100	100	
April 1997	100	100	36	36	0	100	100	100	100	100	100	100	100	100	65	100	100	100	100	100	
April 1998	100	100	26	26	0	100	100	100	100	100	100	100	100	100	45	100	100	100	100	43	
April 1999	100	100	18	18	0	100	100	100	100	100	100	100	100	92	31	100	100	100	100	0	
April 2000	100	100	5	5	0	100	100	100	100	91	100	100	100	88	22	100	100	100	100	0	
April 2001	100	100	0	0	0	100	100	44	45	60	100	100	100	88	18	100	100	100	100	0	
April 2002	100		0	0	0	100		0	0	36	100		90	82	18	100	100	100	100	0	
April 2003	100	65	0	0	0	100	100	0	0	20	100	100	57	56	18	100	100	81	79	0	
April 2004	100	8	0	0	0	100		0	0	9	100	100	46	47	18	100	100	46	49	0	
April 2005	100	0	0	0	0	100	66	0	0	1	100	100	37	39	18	100	100	14	24	0	
April 2006	100	0	0	0	0	100	28	0	0	0	100	100	14	33	13	100	100	0	3	0	
April 2007	100	0	0	0	0	100	0	0	0	0	100	91	0	11	9	100	100	0	0	0	
April 2008	100	0	0	0	0	100	0	0	0	0	100	60	0	0	6	100	92	0	0	0	
April 2009	100	0	0	0	0	100	0	0	0	0	100	52	0	0	4	100	65	0	0	0	
April 2010	100	0	0	0	0	100	0	0	0	0	100	44	0	0	3	100	39	0	0	0	
April 2011	100	0	0	0	0	100	0	0	0	0	100	37	0	0	2	100	14	0	0	0	
April 2012	100	0	0	0	0	100	0	0	0	0	100	20	0	0	1	100	0	0	0	0	
April 2013	100	0	0	0	0	100	0	0	0	0	100	0	0	0	1	100	0	0	0	0	
April 2014	100	0	0	0	0	100	0	0	0	0	100	0	0	0	1	100	0	0	0	0	
April 2015	100	0	0	0	0	100	0	0	0	0	100	0	0	0	*	100	0	0	0	0	
April 2016	90	0	0	0	0	100	0	0	0	0	100	0	0	0	*	100	0	0	0	0	
April 2017	11	0	0	0	0	100	0	0	0	0	100	0	0	0	*	100	0	0	0	0	
April 2018	0	0	0	0	0	44	0	0	0	0	100	0	0	0	*	100	0	0	0	0	
April 2019	0	0	0	0	0	0	0	0	0	0	70	0	0	0	*	100	0	0	0	0	
April 2020	0	0	0	0	0	0	0	0	0	0	44	0	0	0	*	40	0	0	0	0	
April 2021	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
April 2022	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	0	0	0	0	0	
April 2023	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Weighted Average																					
Life (years)**	23.5	10.3	3.5	3.5	1.8	24.9	12.5	7.9	8.0	8.7	26.8	16.6	10.9	10.8	6.4	26.9	16.6	10.9	11.1	4.9	

	FE, SE, SG, SH, FJ, SJ, SK, FL, SL, FM, SM and SN Classes						i			SA† Class										
	PSA Prepayment Assumption					PSA Prepayment Assumption						Prepa ssump	ymen tion	t	PSA Prepayment Assumption					
Date	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%	0%	100%	180%	250%	500%
Initial Percent	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
April 1994	100	100	100	91	58	99	97	95	93	87	88	38	0	0	0	100	100	100	98	92
April 1995	100	100	100	75	0	99	91	86	81	65	75	0	0	0	0	100	96	90	85	68
April 1996	100	100	100	61	0	98	85	76	68	45	61	0	0	0	0	100	90	80	72	47
April 1997	100	100	100	50	0	97	79	67	57	31	46	0	0	0	0	100	83	70	60	33
April 1998	100	100	100	44	0	96	73	59	48	22	29	0	0	0	0	100	77	62	51	23
April 1999	100	100	100	44	0	95	68	52	40	15	10	0	0	0	0	100	72	55	43	16
April 2000	100	100	100	44	0	94	63	46	34	10	0	0	0	0	0	99	67	48	36	11
April 2001	100	100	100	44	0	93	58	40	28	7	0	0	0	0	0	98	62	42	30	7
April 2002	100	100	100	44	0	92	54	35	24	5	0	0	0	0	0	97	57	37	25	5
April 2003	100	100	100	44	0	90	50	31	20	3	0	0	0	0	0	95	53	32	21	4
April 2004	100	100	100	44	0	89	46	27	16	2	0	0	0	0	0	94	48	28	17	2
April 2005	100	100	100	44	0	87	42	23	14	2	0	0	0	0	0	92	44	25	14	2
April 2006	100	100	100	44	0	85	39	20	11	1	0	0	0	0	0	90	41	21	12	1
April 2007	100	100	92	44	0	83	35	18	9	1	0	0	0	0	0	87	37	19	10	1
April 2008	100	100	79	40	0	81	32	15	8	*	0	0	0	0	0	85	34	16	8	1
April 2009	100	100	68	33	0	78	29	13	6	*	0	0	0	0	0	82	31	14	7	*
April 2010	100	100	58	27	0	75	26	11	5	*	0	0	0	0	0	79	28	12	5	*
April 2011	100	100	49	22	0	72	23	9	4	*	0	0	0	0	0	76	25	10	4	*
April 2012	100	100	42	17	0	69	21	8	3	*	0	0	0	0	0	73	22	8	4	*
April 2013	100	96	35	14	0	65	18	7	3	*	0	0	0	0	0	69	19	7	3	*
April 2014	100	83	29	11	0	61	16	6	2	*	0	0	0	0	0	64	17	6	2	*
April 2015	100	72	24	9	0	56	14	5	2	*	0	0	0	0	0	60	15	5	2	*
April 2016	100	61	19	7	0	51	12	4	1	*	0	0	0	0	0	54	12	4	1	*
April 2017	100	50	15	5	0	46	10	3	1	*	0	0	0	0	0	49	10	3	$\bar{1}$	*
April 2018	100	40	11	4	0	40	8	2	1	*	0	0	0	0	0	42	8	2	1	*
April 2019	100	31	8	2	0	33	6	2	*	*	0	0	0	0	0	35	6	2	*	*
April 2020	100	$2\overline{1}$	5	$\bar{2}$	Ō	26	4	1	*	*	Ō	Õ	Õ	Ō	Õ	28	4	1	*	*
April 2021	95	13	3	1	0	18	2	1	*	*	0	0	0	0	0	19	3	1	*	*
April 2022	50	4	Ĩ	*	Ō	10	$\bar{1}$	*	*	*	Õ	Õ	Õ	Õ	Õ	10	ĩ	*	*	*
April 2023	0	ō	ō	0	Ō	0	ō	0	0	0	Ō	Õ	Ō	Ō	Ō	0	ō	0	0	0
Weighted Average																				
Life (years)**	29.0	24.2	18.9	9.6	1.1	21.3	11.5	8.1	6.3	3.5	3.6	0.8	0.6	0.5	0.3	22.3	12.1	8.5	6.7	3.7

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" herein.

In the case of a Notional Class, the Decrement Table indicates the percentage of the original notional principal balance outstanding.

### CERTAIN ADDITIONAL FEDERAL INCOME TAX CONSEQUENCES

The following tax discussion, when read in conjunction with the discussion of "Certain Federal Income Tax Consequences" in the GNMA Prospectus, describes the current federal income tax treatment of investors in the Certificates. These two tax discussions do not purport to deal with all federal tax consequences applicable to all categories of investors, some of which may be subject to special rules. Investors should consult their own tax advisors in determining the federal, state, local and any other tax consequences to them of the purchase, ownership and disposition of the Certificates.

### **REMIC Elections and Special Tax Attributes**

Elections will be made to treat the Lower Tier REMIC and the Trust as REMICs for federal income tax purposes. The 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.

As a consequence of the qualification of the Trust and the Lower Tier REMIC as REMICs, the Certificates generally will be treated as "qualifying real property loans" for mutual savings banks and domestic building and loan associations, "regular or residual interests in a REMIC" for domestic building and loan associations, "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—Special Tax Attributes" in the GNMA Prospectus.

### Taxation of Beneficial Owners of Regular Certificates

The Notional Classes and the SD, SE, SG, SJ, SM and Q Classes will be, and certain other Classes of Certificates may be, issued with original issue discount for federal income tax purposes, which generally will result in recognition of some taxable income in advance of the receipt of the cash attributable to such income. The Prepayment Assumption that will be used in determining the rate of accrual of original issue discount will be 180% PSA. See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Original Issue Discount" in the GNMA Prospectus. No representation is made as to whether the Mortgage Loans underlying the GNMA Certificates will prepay at that or any other rate. See "Description of the Certificates—Weighted Average Lives of the Certificates" herein and "Description of the Certificates—Weighted Average Life and Final Distribution Dates" in the GNMA Prospectus. In addition, certain Classes of Certificates may be treated as having been issued at a premium for federal income tax purposes. See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Regular Certificates—Certificates Purchased at a Premium" in the GNMA Prospectus.

The FB and SB Classes will bear interest during their first twelve Interest Accrual Periods, and the FL and SL Classes during their first Interest Accrual Period, at fixed rates. During all subsequent Interest Accrual Periods, the FB, SB, FL and SL Classes will bear interest at variable rates that are determined by reference to LIBOR as described in "Description of the Certificates—Calculation of LIBOR" herein. Pursuant to the proposed original issue discount regulations that were published on December 22, 1992 (the "1992 Proposed OID Regulations"), Fannie Mae intends to treat all interest distributions on the FB, SB, FL and SL Classes as "qualified stated interest" because the respective values of the FB, SB, FL and SL Classes are approximately the same as they would be if the variable rates were in effect for the entire terms of such Classes.

The initial interest rates on the SH, SK, SL and SN Classes are the respective maximum stated interest rates for those Classes. The 1992 Proposed OID Regulations provide, in effect, that a debt instrument bearing interest at a variable rate with a restriction on its minimum or maximum stated interest rate will be treated as a contingent debt instrument if the restriction causes the interest rate to be significantly greater or less than the instrument's overall expected return. The

1992 Proposed OID Regulations are proposed to be effective for debt instruments issued on or after the date that is 60 days after the regulations are issued in final form. Although it is possible that the principles contained in the 1992 Proposed OID Regulations would be applied to debt instruments issued prior to that date, it is not clear whether those principles would apply to the SH, SK, SL and SN Classes. Fannie Mae, therefore, intends to treat the SH, SK, SL and SN Classes as variable rate debt instruments and not as contingent debt instruments. Investors are urged to consult with their own tax advisors regarding the possible treatment of the SH, SK, SL and SN Classes as variable rate or contingent debt instruments and the consequences of either such treatment.

#### Taxation of Beneficial Owners of Residual Certificates

Under the Regulations, neither the R nor the RL Certificate will have significant value. As a result, an organization to which section 593 of the Code applies and which is the beneficial owner of the R or RL Certificate may not use its allowable deductions to offset any "excess inclusions" with respect to such Certificate. See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates—*Excess Inclusions*" in the GNMA Prospectus.

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 March 20, 1993. See "Certain Federal Income Tax Consequences—Taxation of Beneficial Owners of Residual Certificates—Excess Inclusions" and "—Foreign Investors—Residual Certificates" in the GNMA Prospectus. The federal income tax consequences of any consideration paid to a transferee on the transfer of the R or RL Certificate are unclear; any transferee receiving such consideration should consult its own tax advisors.

Under the proposed IRS regulations relating to original issue discount, the Lower Tier Regular Interests would be treated as a single debt instrument for original issue discount purposes because they were issued to the Trust in a single transaction. Although there can be no assurance that final regulations will apply this aggregation rule to the Lower Tier Regular Interests, Fannie Mae intends to calculate the taxable income (or net loss) of the Trust and of the Lower Tier REMIC (and to report to the R and RL Certificateholders) by treating the Lower Tier Regular Interests as a single debt instrument. A failure of the Lower Tier Regular Interests to qualify as a single debt instrument for original issue discount purposes could result in material adverse tax consequences to the beneficial owners of the RL Class.

#### PLAN OF DISTRIBUTION

*General.* The Dealer will receive the Certificates in exchange for the GNMA Certificates pursuant to a Fannie Mae commitment. 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 such transactions to or through dealers.

Increase in Certificates. Fannie Mae and the Dealer may agree to offer hereby Certificates in addition to those contemplated as of the date hereof. In such event, the GNMA Certificates will be increased in principal balance, but it is expected that all additional GNMA Certificates will have the same characteristics as described herein under "Description of the Certificates—The GNMA Certificates." The proportion that the original principal balance of each Class (and any Components) bears to the aggregate original principal balance of all the Certificates will remain the same. The dollar amounts reflected in the Principal Balance Schedules will be increased in pro rata amounts that correspond to the increase of the principal balance of the Certificates.

### LEGAL MATTERS

Certain legal matters will be passed upon for the Dealer by Stroock & Stroock & Lavan, Seven Hanover Square, New York, New York 10004-2696.

No dealer, salesman or other person has been authorized to give any information or to make any representations in connection with this offering other than those contained in this Prospectus Supplement and the accompanying GNMA Prospectus and, if given or made, such information or representations must not be relied upon as having been authorized. This Prospectus Supplement and the accompanying GNMA Prospectus do not constitute an offer to sell or a solicitation of an offer to buy any of the Certificates offered hereby in any state to any person to whom it is unlawful to make such offer or solicitation in such state. The delivery of this Prospectus Supplement and the accompanying GNMA Prospectus at any time does not imply that the information contained herein or therein is correct as of any time subsequent to the date hereof.

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\$1,253,483,998

### Federal National Mortgage Association



Guaranteed REMIC
Pass-Through Certificates
Fannie Mae REMIC Trust 1993-G19

PROSPECTUS SUPPLEMENT

Bear, Stearns & Co. Inc.

March 16, 1993