



### Ginnie Mae MBS Single Family Pool Disclosure Production Version 1.0

### **Ginnie Mae is targeting the following for Production Release:**

**Effective for New Issuance Disclosure Beginning with October New Issuances** 

Effective for Monthly Portfolio Disclosure

Disclosure on the 6<sup>th</sup> Business Day of October 2019 (September 2019 Reporting Month)

See Version History for details.



#### **Ginnie Mae Single Family Pool Level Disclosure**

<b>Document Version</b>	History
Version 1.0	3/20/2019 Initial Version (revised)

#### Introduction

Ginnie Mae continues to enhance the pool level disclosure data provided to the marketplace. The Consolidated Disclosure (CD) Pool Files, Version 2.2 (daily.txt, nissues\_YYYYMM.txt, and monthly\_YYYYMM.txt) are being transformed to provide separate, more focused and enhanced files on Single Family pools. In Disclosure Bulletin 2018-047 Ginnie Mae announced enhancements to the disclosure data for Multifamily securities. Multifamily disclosure will be removed from the CD V2.2. Multifamily disclosure data will be in separate enhanced files specific to the Multifamily products (see Disclosure <u>Bulletin 2018-077</u>).

The final step in transforming existing CD V2.2 is the enhancement of the MBS Single Family Pool disclosures, which will be disclosed in separate enhanced files specific to Single Family Pools, as presented herein. This document provides the Single Family Pool Level Disclosure file descriptions and layouts.

### **Single Family Pool Level Disclosure Summary Characteristics**

Characteristic	Description
Two Physical Files	SF Pool/Security File: Pool/Security information with one record per pool. This will
	be one physical file with single header record at beginning of file and single trailer
	record at end of file.



	SF Pool Supplemental File: Supplemental information for all pools, with multiple
	records per pool. This will be in one physical file with single header record at
	beginning of file and single trailer record at end of file.
SF Pool/Security Record Type	Provides one Record Type with basic information about the Pool and also provides
	the Security RPB, RPB Factor, and weighted averages. This record in effect, is an
	enhanced version of the current "D" record in the CD V2.2.
SF Pool Supplemental Record Types	Provides 21 Supplemental Record types for pools with extensive information about
	the pool activity and characteristics. Most of these 21 Record types have common
	characteristics. These records are enhancements to the existing record types in the
	current CD V2.2.
Flexible Format	A Pipe ( ) delimited format will be used instead of fixed length records in the CD
	V2.2. Additionally, some common "stratification" record formats will be used
	instead of the existing, lengthy fixed field records in CD V2.2.
Explicit Decimals	For fields with decimals, the SF Pool/Security File and the SF Pool Supplemental File
	will present the decimal point; this is different from the implied decimal in CD V2.2.
Sort Order of Records	Unless stated otherwise, records will be sorted in ascending order.
Daily New Issuance, Monthly New	The Single Family Pool Level Disclosure file layouts apply to the output files: MBS
Issuance, and Monthly Portfolio	Daily New Issuance, Monthly New Issuance, and MBS Monthly Portfolio disclosures.
Implementation Dates	New Issuance Files (Daily and Monthly) are targeted for production release
	beginning with October 2019 New Issuances. Monthly Portfolio will begin with
	September 2019 data.
	First Daily New Issuance (October 1 with October data)
	<ul> <li>First Monthly New Issuance (November 1 with October data)</li> </ul>
	First Monthly Portfolio (October 8 with September data)



#### **General Characteristics of the Files and Records**

This section of the document provides a summary of the characteristics of the records in the files. The detailed specification of file and record formats begins on page 9.

**SF Pool/Security File**—The records in this file have a single common format, where there is one record per pool with specified fields. This file does not have stratifications or enumerations. The common record format for the records for the SF Pool/Security File are presented on pages 9-12 of this document.

**SF Pool Supplemental File**—The records in this file are standardized and have stratifications and/or enumerations. There are 4 unique records layouts and 3 types of layouts with common stratification records:

- Unique SF Pool Supplemental Pool Records, each with a unique record layout Record Types "01" "04"
   Common <u>Stratification Layouts</u>
- One-Field Stratification Records Record Types "05" "18"
- Two-Field Stratification Records Record Types "19" "20"
- Three-Field Stratification Record Record Type "21" only

# The Record Types that will be in the SF Pool Supplemental File are listed in the table below. The layout for each Record begins on page 13.

Record Type	Stratification	Record Name
	Level	
01	None	Adjustable Rate Mortgage (ARM) Pool Detail
02	None	Issuer-Level Pool Detail
03	None	Transfer Activity
04	None	Quartiles
05	1	Loan Type



06	1	Loan Purpose
07	1	Living Units
08	1	First Time Homebuyer
09	1	Buy-down Code
10	1	Down Payment Assistance Flag
11	1	Loan Origination Type
12	1	Origination Year
13	1	Refinance Code
14	1	Metropolitan Statistical Areas (MSA) Code
15	1	State
16	1	Upfront Mortgage Insurance Premium (MIP)
17	1	Annual Mortgage Insurance Premium (MIP)
18	1	Pre-Modification
19	2	Loan Type/Loan Purpose
20	2	Removal Type/Issuer
21	3	Delinquency/Loan Type/Issuer

For all Record Types listed in the table above, the Record Name for each Record Type defines what data is represented.

For record layouts for each of the 21 Record Types below, the "Item" column is for documentation only, i.e. "Item" number will not be a part of the physical record.

The detailed record layouts for the SF Pool Supplemental File are presented beginning on page 13 of this document.



The SF Pool Supplemental file will contain stratification records that can be "one field", "two field" or "three field" stratifications. The general characteristics of each is presented below, as each particular type of stratification record will have its own common format.

# SF Pool Supplemental File "One-field" Stratification Common Record format (Record Types 05 through 18). These records all have the "one-field" common format as presented below.

Item	Data Element	Туре	Max Length	Format	Description
01	Record Type	Character	2		The Record Type value "05" through "18"
02	CUSIP	Character	9		The CUSIP of the pool
03	Pool ID	Character	6		The Pool ID
04	Pool Indicator	Character	1		The Pool Indicator
05	Pool Type	Character	2		The Pool Type
06	Field Value	Character	Х		Values described in Record Types "05" through "18"
07	Number of Loans	Numeric	6		The number of loans in the pool for the field value
08	% Number of Loans	Numeric	6	3.2	The % of Loans in the pool for the field value
09	UPB	Numeric	16	13.2	The Unpaid Principal Balance (UPB) of the pool for the field
					value.
10	% Of UPB	Numeric	6	3.2	The percentage of the pool's Total Unpaid Principal Balance
					(UPB) for the field value.

# SF Pool Supplemental File "Two-field" Stratification Common Record format (Record Types 19 through 20). These records all have the "two-field" common format as presented below.

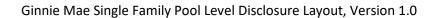
Item	Data Element	Туре	Max Length	Format	Description
01	Record Type	Character	2		The Record Type value "19" through "20"
02	CUSIP	Character	9		The CUSIP of the pool
03	Pool ID	Character	6		The Pool ID



04	Pool Indicator	Character	1		The Pool Indicator
05	Pool Type	Character	2		The Pool Type
06	Field 1 Value	Character	Χ		Values in the first stratification field as described in Record Types "19" and "20".
07	Field 2 Value	Character	Χ		Values in the second stratification field as described in Record Types "19" and "20".
08	Number of Loans	Numeric	6		The number of loans in the pool for the Field 1 and 2 value combination.
09	% Number of Loans	Numeric	6	3.2	The % of Loans in the pool for the Field 1 and 2 value combination.
10	UPB	Numeric	16	13.2	The Unpaid Principal Balance (UPB) of the pool for the Field 1 and 2 value combination.
11	% Of UPB	Numeric	6	3.2	The percentage of the pool's Total Unpaid Principal Balance (UPB) for the Field 1 and 2 value combination.

# SF Pool Supplemental File "Three-field" Stratification Common Record format (Record Type 21 only). This record has the "three-field" common format as presented below.

Item	Data Element	Туре	Max Length	Format	Description
01	Record Type	Character	2		The Record Type value "21"
02	CUSIP	Character	9		The CUSIP of the pool
03	Pool ID	Character	6		The Pool ID
04	Pool Indicator	Character	1		The Pool Indicator
05	Pool Type	Character	2		The Pool Type
06	Field 1 Value	Character	Х		Values in the first stratification field as described in Record
					Type "21".
07	Field 2 Value	Character	Х		Values in the second stratification field as described in
					Record Type "21".





08	Field 3 Value	Character	Х		Values in the third stratification field as described in Record
					Type "21".
09	Number of Loans	Numeric	6		The number of loans in the pool for the Field 1, 2, and 3 value
					combination.
10	% Number of Loans	Numeric	6	3.2	The % of Loans in the pool for the Field 1, 2, and 3 value
					combination.
11	UPB	Numeric	16	13.2	The Unpaid Principal Balance (UPB) of the pool for the Field
					1, 2, and 3 value combination.
12	% Of UPB	Numeric	6	3.2	The percentage of the pool's Total Unpaid Principal Balance
					(UPB) for the Field 1, 2, and 3 value combination.



# SF POOL/SECURITY FILE -- DETAILED DESCRIPTION OF THE FILE AND RECORD TYPES



# SF POOL/SECURITY FILE -- DETAILED DESCRIPTION OF THE FILE HEADER, TRAILER, AND RECORD TYPES

### SF Pool/Security File Header Record (One Record in the SF Pool/Security File), Record Type HP

Item	Data Element	Туре	Max	Format	Definition
			Length		
01	Record Type = HP	Character	2		File Header Record
02	Reporting Period	Numeric	6	YYYYMM	The monthly reporting period that the data is associated with.
03	Create Date	Date	8	YYYYMMDD	The date that the file is produced.

### SF Pool/Security Detail - One Record per Pool, Record Type PS. Records are sorted by Pool ID.

Item	Data Element	Туре	Max	Format	Definition
			Length		
01	Record Type = PS	Character	2		SF Pool/Security Detail Record
02	CUSIP Number	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities Identification
					Procedures (CUSIP) to each publicly traded security at the time of
					issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling.
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool.
06	Pool Issue Date	Date	8	YYYYMMDD	The date that the pool was issued/originated. This is always the
					first of the month.
07	Security Interest Rate,	Numeric	6	2.3	The interest rate of the Ginnie Mae Security this period.
	Current				
08	Pool Maturity Date	Numeric	8	YYYYMMDD	The date on which the final payment in the pool is scheduled to
					be paid.



09	Original Aggregate Amount	Numeric	16	13.2	The sum of the original principal amounts for all loans in the pool at pool issuance.
10	Remaining Security RPB	Numeric	16	13.2	The Remaining Principal Balance of the Security as of the end of the Reporting Period.
11	RPB Factor	Numeric	10	1.8	The factor percentage of the Security's Remaining Principal Balance.
12	Issuer Number	Numeric	4		A four-digit number which identifies an entity which issues and is obligated to pay amounts due on securities; a value of "8000" indicates aggregate multi-issuer records.
13	Issuer Name	Character	40		The name of the issuing institution for the pool; a blank indicates aggregate multi-issuer records.
14	Number of loans in pool	Numeric	6		The total number of loans in the pool.
15	Pool UPB	Numeric	16	13.2	The sum of the Loan UPBs in the pool.
16	WA Original Loan Size	Numeric	16	13.2	Weighted Average of the Original Loan Size (principal amount of the loan) of the loans in the pool.
17	WAC	Numeric	6	2.3	Weighted Average Coupon Rate (Interest Rate) of all loans in the pool.
18	WARM	Numeric	3		Weighted Average Remaining Maturity (months left before maturity) of each loan in the pool.
19	WALA	Numeric	3		Weighted Average Loan Age (age of loan in months) of each loan in the pool.
20	WAOLT	Numeric	3		Weighted Average Original Loan Term (original length of loan in months) for each loan in the pool.
21	WAGM	Numeric	6	2.3	Weighted Average Gross Margin for each loan in the pool. For an adjustable rate loan, the Gross Margin is the amount added to the ARM index for the loan to determine the loan's current adjustable interest rate.
22	WA LTV	Numeric	3		Weighted Average Loan-to-Value Ratio for each loan in the pool.  Loan-to-Value is the ratio of the original loan principal amount to the fair market value of the collateral property.
23	WA CLTV	Numeric	3		Weighted Average Combined Loan-to-Value Ratio for each loan in the pool. The "combined" loan to value ratio includes in the numerator of the ratio all loans against the given property, such as second mortgages.



24	WA Credit Score	Numeric	3		The Weighted Average value of the three-digit credit score for the borrower(s) which was used by the lender in the decision to underwrite the mortgage loan.
25	WA Debt Income Ratio	Numeric	5	1.3	The Weighted Average ratio of the borrower(s) debt obligations to the borrower(s) income.
26	WA Pre-Modified LAD	Numeric	3		The Weighted Average of the difference in months between the original (Pre-Modified) first scheduled installment date and the modified first scheduled installment date, where a loan has been modified and re-amortized. The difference is weighted by the current period unpaid principal balance of the loan.
27	WA Pre-Modified OPB	Numeric	16	13.2	The Weighted Average value for modified loans of the original loan size (Pre-Modified OPB) before loan modification, plus the total number of loans, total UPB of these loans, and UPB as a percentage of the pool's total UPB.
28	WAC at Issuance	Numeric	6	2.3	Weighted Average Coupon Rate (Interest Rate) of all loans in the pool at issuance.
29	WARM at Issuance	Numeric	3		Weighted Average Remaining Maturity (months left before maturity) of each loan in the pool at issuance.
30	WALA at Issuance	Numeric	3		Weighted Average Loan Age (age of loan in months) of each loan in the pool at issuance.
31	WAOLT at Issuance	Numeric	3		Weighted Average Original Loan Term (original length of loan in months) for each loan in the pool at issuance.

## SF Pool/Security File Trailer Record (One Record in the Pool Security File), Record Type TP

Item	Data Element	Туре	Max	Format	Definition
			Length		
01	Record Type = TP	Character	2		File Trailer Record
02	Reporting Period	Numeric	6	YYYYMM	The monthly reporting period that the data is associated with.
03	File Create Date	Date	8	YYYYMMDD	The date that the file is produced.
04	Detail Record Count	Numeric	8		Control total of the total number of records with Record Type =
					"PS" in the file.



### SF POOL SUPPLEMENTAL FILE -- DETAILED DESCRIPTION OF THE FILE AND RECORD TYPES



# SF POOL SUPPLEMENTAL FILE -- DETAILED DESCRIPTION OF THE HEADER, TRAILER, AND RECORD TYPES

### SF Pool Supplemental File Header Record (One Record in the SF Pool Supplemental File), Record Type HS

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = HS	Character	2		File Header Record
02	Reporting Period	Numeric	6	YYYYMM	The monthly reporting period that the data is associated with.
03	Create Date	Date	8	YYYYMMDD	The date that the file is produced.

# ARM Pool Detail - One Record per Pool for ARM Custom and ARM Multiple-Issuer Pools, Record Type 01 Records are sorted by Pool ID and Record Type.

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 01	Character	2		Adjustable Rate Mortgage Record
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are C or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.



06	Look Back Period	Numeric	2		The two-digit time period used to establish a specific point in time for the particular ARM Index that will be used to determine the interest rate change. (Used in conjunction with the published index tables. See Ginnie Mae MBS Guide Chapter 26).  Values are "30" for 30-day look back and "45" for 45-day look back.
07	Index Type	Character	5		The type of ARM index being used for the ARM loan.  Values are "CMT" (for Constant Maturity Treasury) and "LIBOR" (for London Interbank Offered Rate).
08	Security Interest Rate at Issuance	Numeric	6	2.3	The interest rate of the Ginnie Mae Security at Pool Issuance.
09	Prospective Interest Rate	Numeric	6	2.3	The next Interest rate for the ARM Pool, if applicable.
10	Next Interest Adjustment Date	Date	8	YYYYMMDD	The date of the next Interest Rate Adjustment for the ARM Pool.
11	Prior Interest Adjustment Date	Date	8	YYYYMMDD	The date of the current Interest Rate Adjustment for the ARM Pool.
12	Next Payment Adjustment Date	Date	8	YYYYMMDD	The date of the next Payment Adjustment for the ARM Pool.
13	Months To Adjust	Numeric	3		The number of months remaining until the Next Adjustment Date.
14	Weighted Average Mortgage Margin	Numeric	6	2.3	Weighted Average of the Mortgage Margins for each of the loans in the ARM pool weighted by (the Loan UPB multiplied by the "percentage" in the ARM pool).
15	Maximum Mortgage Margin	Numeric	6	2.3	The maximum Mortgage Margin of the loans in the ARM pool.
16	Minimum Mortgage Margin	Numeric	6	2.3	The minimum Mortgage Margin of the loans in the ARM pool.
17	Initial Interest Rate Cap	Numeric	1		The maximum interest rate change (+ or -) in an ARM pool for the initial interest rate change.  Values are 1 or 2 depending on the ARM Pool type.
18	Subsequent Interest Rate Cap	Numeric	1		The maximum interest rate change (+ or -) in an ARM pool for each of the annual rate changes following the initial period.



					The cap is constant for each annual change and is applied to the current interest rate (not the initial interest rate).
19	Lifetime Interest Rate Cap	Numeric	1		The maximum interest rate change (+ or -) in an ARM pool over the life of the pool.
20	Lifetime Interest Rate Ceiling	Numeric	6	2.3	The maximum interest rate that the ARM pool can have for the life of the pool. This is a constant value and does not change over the life of the pool.
21	Next Interest Rate Ceiling	Numeric	6	2.3	The maximum interest rate that the ARM pool can have for each interest rate change. This field will have the initial rate change ceiling during the initial period. After this and during each annual change period, this field will have the ceiling for each respective annual change.  The value in this field can change for each adjustment period.
22	Lifetime Interest Rate Floor	Numeric	6	2.3	The minimum interest rate that the ARM pool can have for the life of the pool. This is a constant value and does not change over the life of the pool.

## Pool Issuer-Level Detail - Multiple Records per Pool for Multiple-Issuer Pools, Record Type 02

Item	Data Element	Туре	Max	Format	Definition
			Length		
01	Record Type = 02	Character	2		Issuer-Level Pool Detail Record for Multiple Issuer (MIP) Pools
02	CUSIP Number	Character	9		The CUSIP is a unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP) to each publicly traded security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling.
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Value is always M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool.



06	Issuer Number	Numeric	4		A four-digit number which identifies an entity which issues and is obligated to pay amounts due on securities; 8000 for aggregate
					multi-issuer records.
07	Issuer Name	Character	40		The name of the issuing institution for the pool; blank for
					aggregate multi-issuer records.
80	Number of loans in pool	Numeric	6		The total number of loans in the pool.
09	Pool UPB	Numeric	16	13.2	The sum of the Loan UPBs in the pool.
10	WA Original Loan Size	Numeric	16	13.2	Weighted Average of the Original Loan Size (principal amount of the loan) of the loans in the pool.
11	WAC	Numeric	6	2.3	Weighted Average Coupon Rate (Interest Rate) of all loans in the pool.
12	WARM	Numeric	3		Weighted Average Remaining Maturity (months left before maturity) of each loan in the pool.
13	WALA	Numeric	3		Weighted Average Loan Age (age of loan in months) of each loan in the pool.
14	WAOLT	Numeric	3		Weighted Average Original Loan Term (original length of loan in months) for each loan in the pool.
15	WAGM	Numeric	6	2.3	Weighted Average Gross Margin for each loan in the pool. For an adjustable rate loan, the Gross Margin is the amount added to the ARM index for the loan to determine the loan's current adjustable interest rate.
16	WA LTV	Numeric	3		Weighted Average Loan-to-Value Ratio for each loan in the pool. Loan-to-Value is the ratio of the original loan principal amount to the fair market value of the collateral property.
17	WA CLTV	Numeric	3		Weighted Average Combined Loan-to-Value Ratio for each loan in the pool. The "combined" loan to value ratio includes in the numerator of the ratio all loans against the given property, such as second mortgages.
18	WA Credit Score	Numeric	3		The Weighted Average value of the three-digit credit score reported at pool issuance.
19	WA Debt Income Ratio	Numeric	5	1.3	The Weighted Average ratio of the borrower(s) debt obligations to the borrower(s) income.
20	WA Pre-Modified LAD	Numeric	3		The Weighted Average of the difference in months between the original (Pre-Modified) first scheduled installment date and the



					modified first scheduled installment date, where a loan has been modified and re-amortized. The difference is weighted by the current period unpaid principal balance of the loan.
21	WA Pre-Modified OPB	Numeric	16	13.2	The Weighted Average value for modified loans of the original loan size (Pre-Modified OPB) before loan modification, plus the total number of loans, total UPB of these loans, and UPB as a percentage of the pool's total UPB.

# Pool Transfer Details Record, Record Type 03

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 03	Character	2		Pool Transfer Record
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling.
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Pool Issue Date	Date	8	YYYYMMDD	The issue date of the pool. Always the first of the month.
07	Transfer Type	Numeric	1		The type of pool transfer. Values are:
					1 = PIIT
					2 = Regular
08	Selling Issuer	Numeric	4		Unique Identifier of the issuer selling (transferring the pool)
09	Buying Issuer	Numeric	4		Unique identifier of the issuer buying (receiving the pool)
10	Number of Loans	Numeric	6		Total number of loans in the pool
11	UPB of Loans	Numeric	16	13.2	Aggregate UPB balances of the loans in the pool. Balances are "actual" UPB.



## **Quartiles Record, Record Type 04**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 04	Character	2		Quartiles Record
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling.
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Quartiles	Character	1		Values are:
					4 = Maximum (100%) Quartile
					3 = 75 <sup>th</sup> Percentage Quartile
					2 = Median (50%) Percentage Quartile
					1 = 25 <sup>th</sup> Percentage Quartile
					0 = Minimum (0%) Quartile
07	Original Loan Size	Numeric	16	13.2	Original Loan Size (principal amount of the loan) for all loans
					in the pool.
08	Coupon Rate	Numeric	6	2.3	Coupon Rate (Interest Rate) of all loans in the pool.
09	Remaining Maturity	Numeric	3		Remaining Maturity (months left before maturity) of each
					loan in the pool.
10	Loan Age	Numeric	3		Loan Age (age of loan in months) of each loan in the pool.
11	Original Loan Term	Numeric	3		Original Loan Term (original length of loan in months) for
					each loan in the pool.
12	Gross Margin	Numeric	6	2.3	Gross Margin for each loan in the pool. For an adjustable rate
					loan, the Gross Margin is the amount added to the ARM index
					for the loan to determine the loan's current adjustable
					interest rate.



13	LTV	Numeric	3		Loan-to-Value Ratio for each loan in the pool. Loan-to-Value is the ratio of the original loan principal amount to the fair market value of the collateral property.
14	CLTV	Numeric	3		CLTV is Combined Loan-to-Value Ratio. The "combined" loan to value ratio includes in the numerator of the ratio all loans against the given property, such as second mortgages.
15	Credit Score	Numeric	3		The three-digit credit score for the borrower(s) which was used by the lender in the decision to underwrite the mortgage loan.
16	Debt Income Ratio	Numeric	5	1.3	The ratio of the borrower(s) debt obligations to the borrower(s) income.
17	Pre-Mod LAD	Numeric	3		The weighted average of the difference in months between the original (Pre-Modified) first scheduled installment date and the modified first scheduled installment date, where a loan has been modified and re-amortized. The difference is weighted by the current period unpaid principal balance of the loan.
18	Pre-Mod OLS	Numeric	16	13.2	The value for modified loans of the original loan size (Pre-Modified OPB) before loan modification, plus the total number of loans, total UPB of these loans, and UPB as a percentage of the pool's total UPB.



## **Stratification Records, Record Types 05-21**

### Loan Type Record, Record Type 05

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 05	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Loan Type Value	Character	1		This is the government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American
					9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Loan Type
					Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Loan Type Value expressed as a percentage of
					the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Loan Type
					Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Loan Type Value expressed as a percentage of
					the pool's total Unpaid Balance (UPB).



## Loan Purpose Record, Record Type 06

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 06	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Loan Purpose Value	Numeric	1		Values are:
					1 = Regular
					2 = Refinance
					3 = Loan Modification (HAMP)
					4 = Loan Modification (non-HAMP)
					9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Loan Purpose
					Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Loan Purpose Value expressed as a percentage
					of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Loan
					Purpose Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Loan Purpose Value expressed as a percentage
					of the pool's total Unpaid Balance (UPB).



# Living Units Record, Record Type 07

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 07	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Living Units Value	Numeric	1		Values are:
					1 = 1 Unit
					2 = 2 Units
					3 = 3 Units
					4 = 4 Units
					9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Living Units
					Value .
08	% Number of Loans	Numeric	6	3.2	Loans for the Living Units Value expressed as a percentage of
					the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Living
					Units Value .
10	% Of UPB	Numeric	6	3.2	Loans for the Living Units Value expressed as a percentage of
					the pool's total Unpaid Balance (UPB).



## First-Time Homebuyer Record, Record Type 08

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 08	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP) to each publicly traded security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing of pool types.
06	First Time Homebuyer Value	Character	1		Values are: Y = Yes N = No 9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the First Time Homebuyer Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the First Time Homebuyer Value expressed as a percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the First Time Homebuyer Value.
10	% Of UPB	Numeric	6	3.2	Loans for the First Time Homebuyer Value expressed as a percentage of the pool's total Unpaid Balance (UPB).



## **Buy-down Record, Record Type 09**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 09	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP) to each publicly traded security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing of pool types.
06	Buy-down Value	Numeric	1		Values are: 1 = Buy-down Loan 2 = Not Buy-down Loan 9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Buy-down Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Buy-down Value expressed as a percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Buy-down Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Buy-down Value expressed as a percentage of the pool's total Unpaid Balance (UPB).



## **Down Payment Assistance Record, Record Type 10**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 10	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP) to each publicly traded security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing of pool types.
06	Down Payment Assistance Flag Value	Character	1		Values are: Y = Yes N = No 9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Down Payment Assistance Flag Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Down Payment Assistance Flag Value expressed as a percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Down Payment Assistance Flag Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Down Payment Assistance Flag Value expressed as a percentage of the pool's total Unpaid Balance (UPB).



## **Loan Origination Type Record, Record Type 11**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 11	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Loan Origination Type Value	Numeric	1		Values are:
					1 = Broker
					2 = Correspondent
					3 = Retail
					9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Loan
					Origination Type Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Loan Origination Type Value expressed as a
					percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Loan
					Origination Type Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Loan Origination Type Value expressed as a
					percentage of the pool's total Unpaid Balance (UPB).



# **Origination Year Record, Record Type 12**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 12	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Origination Year Value	Numeric	4		Values are the Year of Origination
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Origination Year
					Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Origination Year Value expressed as a
					percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the
					Origination Year Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Origination Year Value expressed as a
					percentage of the pool's total Unpaid Balance (UPB).



## **Refinance Code Record, Record Type 13**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 13	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Refinance Code Value	Numeric	1		Values are:
					1 = Not Streamlined, Not Cash Out
					2 = Cash Out
					3 = Streamlined
					9 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Refinance Code
					Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Refinance Code Value expressed as a
					percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Refinance
					Code Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Refinance Code Value expressed as a
					percentage of the pool's total Unpaid Balance (UPB).



## MSA Record, Record Type 14

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 14	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	MSA Value	Numeric	5		The MSA values and the MSA Not Available are provided.
					Values are:
					the MSA value
					99999 = MSA Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the MSA Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the MSA Value expressed as a percentage of the
					pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the MSA
					Value.
10	% Of UPB	Numeric	6	3.2	Loans for the MSA Value expressed as a percentage of the
					pool's total Unpaid Balance (UPB).



# **State Code Record, Record Type 15**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 15	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	State Code	Character	2		The abbreviation of the state or territory where the loan
					property exists. See Appendix 2 for a listing of state codes.
07	Number of Loans	Numeric	6		Total number of loans within the pool for the State Code.
08	% Number of Loans	Numeric	6	3.2	Loans for the State Code expressed as a percentage of the
					pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the State
					Code.
10	% Of UPB	Numeric	6	3.2	Loans for the State Code expressed as a percentage of the
					pool's total Unpaid Balance (UPB).



## **Upfront MIP Rate Record, Record Type 16**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 16	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP) to each publicly traded security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing of pool types.
06	Upfront MIP Rate	Numeric	3		Values are FHA Upfront Mortgage Insurance Premium (MIP) rates:  000 = 000 Basis Points (BPS)  001 = 001 BPS  050 = 050 BPS  100 = 100 BPS  125 = 125 BPS  150 = 150 BPS  175 = 175 BPS  200 = 200 BPS  225 = 225 BPS  240 = 240 BPS  250 = 250 BPS  300 = 300 BPS  380 = 380 BPS  999 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Upfront MIP Rate.
08	% Number of Loans	Numeric	6	3.2	Loans for the Upfront MIP Rate expressed as a percentage of the pool's total number of loans.



	09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Upfront
						MIP Rate.
Ī	10	% Of UPB	Numeric	6	3.2	Loans for the Upfront MIP Rate expressed as a percentage of
						the pool's total Unpaid Balance (UPB).



# **Annual MIP Rate Record, Record Type 17**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 17	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP) to each publicly traded security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing of pool types.
06	Annual MIP Rate	Numeric	3		Values are FHA Annual Mortgage Insurance Premium (MIP) rates:  000 = 000 Basis Point (BPS)  025 = 25 BPS  035 = 35 BPS  045 = 45 BPS  050 = 50 BPS  050 = 50 BPS  060 = 60 BPS  070 = 70 BPS  070 = 70 BPS  080 = 80 BPS  080 = 80 BPS  090 = 90 BPS  095 = 95 BPS  100 = 100 BPS  110 = 110 BPS  115 = 115 BPS  120 = 120 BPS  125 = 125 BPS



					130 = 130 BPS 135 = 135 BPS 145 = 145 BPS 150 = 150 BPS 155 = 155 BPS 999 = Not Available
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Annual MIP Rate.
08	% Number of Loans	Numeric	6	3.2	Loans for the Annual MIP Rate expressed as a percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Annual MIP Rate.
10	% Of UPB	Numeric	6	3.2	Loans for the Annual MIP Rate expressed as a percentage of the pool's total Unpaid Balance (UPB).



## **Pre-Modification Value Record, Record Type 18**

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 18	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Pre-Modification Value	Numeric	1		Values are:
					1 = Pre-Modified First Payment Date
					2 = Pre-Modified Original Principle Balance
07	Number of Loans	Numeric	6		Total number of loans within the pool for the Pre-
					Modification Value.
08	% Number of Loans	Numeric	6	3.2	Loans for the Pre-Modification Value expressed as a
					percentage of the pool's total number of loans.
09	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Pre-
					Modification Value.
10	% Of UPB	Numeric	6	3.2	Loans for the Pre-Modification Value expressed as a
					percentage of the pool's total Unpaid Balance (UPB).



# Loan Type / Loan Purpose Record, Record Type 19 Two-Field Stratification Records are sorted by Pool ID, Record Type, Loan Type Value, and Loan Purpose Value.

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 19	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Loan Type Value	Character	1		This is the government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American
					9 = Not Available
07	Loan Purpose Value	Numeric	1		Values are:
					1 = Purchase
					2 = Refinance
					3 = Loan Modification (HAMP)
					4 = Loan Modification (non-HAMP)
					9 = Not Available
08	Number of Loans	Numeric	6		Total number of loans within the pool for the Loan Type
					Value/Loan Purpose Value combination.
09	% Number of Loans	Numeric	6	3.2	Loans for the Loan Type Value/Loan Purpose Value
					combination expressed as a percentage of the pool's total
					number of loans.
10	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Loan Type
					Value/Loan Purpose Value combination.



11	% Of UPB	Numeric	6	3.2	Loans for the Loan Type Value/Loan Purpose Value
					combination expressed as a percentage of the pool's total
					Unpaid Balance (UPB).

## Removal Type / Issuer Record, Record Type 20 Two-Field Stratification Records are sorted by Pool ID, Record Type, Issuer ID Value, and Removal Type Value.

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 20	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
	5 1.5				security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Removal Type Value	Numeric	1		This is a code of the reason for removal from the pool.
					Values are:
					1 = Mortgager Payoff
					2 = Repurchase of Delinquent Loan
					3 = Foreclosure with Claim Payment
					4 = Loss Mitigation
					5 = Substitution
					6 = Other Removal
07	Issuer ID Value	Numeric	4		Issuer ID
08	Number of Loans	Numeric	6		Total number of loans within the pool for the Removal Type
					Value/Issuer ID Value combination.
09	% Number of Loans	Numeric	6	3.2	Loans for the Removal Type Value/Issuer ID Value
					combination expressed as a percentage of the pool's total
					number of loans.



1	10	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the Removal
						Type Value/Issuer ID Value combination.
1	11	% Of UPB	Numeric	6	3.2	Loans for the Removal Type Value/Issuer ID Value
						combination expressed as a percentage of the pool's total
						Unpaid Balance (UPB).



# Delinquency Value / Loan Type / Issuer Record, Record Type 21. Three-Field Stratification Records are sorted by Pool ID, Record Type, Issuer ID Value, Loan Type Value, and Delinquency Value.

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 21	Character	2		
02	CUSIP	Character	9		The CUSIP is a unique identification number permanently
					assigned by the Committee on Uniform Securities
					Identification Procedures (CUSIP) to each publicly traded
					security at the time of issuance.
03	Pool ID	Character	6		The Pool identifier; this is assigned by Ginnie Mae at pooling
04	Pool Indicator	Character	1		Identifies the Issue Type of the given pool. Values are X, C, or
					M.
05	Pool Type	Character	2		The type of the Ginnie Mae pool. See Appendix 1 for a listing
					of pool types.
06	Delinquency Value	Numeric	1		Values are:
					1 = 1 Month
					2 = 2 Months
					3 = 3+ Months
07	Loan Type Value	Character	1		This is the government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American
					9 = Not Available
08	Issuer ID Value	Numeric	4		Issuer ID
09	Number of Loans	Numeric	6		Total number of loans within the pool for the Delinquency
					Values/Loan Type Value/Issuer ID Value combination.
10	% Number of Loans	Numeric	6	3.2	Loans for the Delinquency Values/Loan Type Value/Issuer ID
					Value combination expressed as a percentage of the pool's
					total number of loans.
11	UPB	Numeric	16	13.2	Total Unpaid Balance (UPB) within the pool for the
					Delinquency Values/Loan Type Value/Issuer ID Value
					combination.



12	% Of UPB	Numeric	6	3.2	Loans for the Delinquency Values/Loan Type Value/Issuer ID
					Value combination expressed as a percentage of the pool's
					total Unpaid Balance (UPB).



### SF Pool Supplemental File Trailer Record (One Record in the SF Pool Supplemental File), Record Type TS

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = TS	Character	2		File Trailer Record
02	Reporting Period	Numeric	6	YYYYMM	The monthly reporting period that the data is associated with.
03	File Create Date	Data	0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
03	File Create Date	Date	8	YYYYMMDD	The date that the file is produced.
04	Detail Record Count	Numeric	12		Control total of the total number of SF Pool Supplemental records in the file. This count will not include HS or TS records.



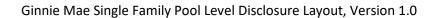
### APPENDIX 1 – GINNIE MAE SINGLE FAMILY POOL TYPES

Pool Type Name	Issue Type	Pool Type	
Ginnie Mae I Single Family Pools			
Single Family Level Payment Fixed Rate Pool	х	SF	
Single Family Buydown Mortgages Pool	Х	BD	
Serial Notes Pool (backed by Single Family Fixed Rate Level Payment Mortgages)	Х	SN	
Single Family Graduated Payment Mortgages Pool	х	GP or GT	
Single Family Growing Equity Mortgages Pool	x	GA or GD	

Pool Type Name	Issue Type	Pool Type	
Ginnie Mae II Single Family Level Payment Pools			
Single Family Fixed Rate Custom Pool	С	SF	
Single Family Buydown Mortgage Custom Pool	С	BD	
Multiple Issuer Pool – Each Loan Package	M	SF	
Multiple Issuer Pool – Each Loan Package	M	FS	
Multiple Issuer Pool – Each Loan Package containing Certain High Balance Loans Originated in Pursuant to the Economic Stimulus Act of 2008	М	JM	



Ginnie Mae II Adjustable Rate Mortgage (ARM) Custom Pools: C	onstant Maturity Tre	asury (CMT)	
Custom ARM – 1 Year ARM	С	AR	
Custom ARM – 3 Year ARM	С	AT	
Custom ARM – 5 Year ARM	С	AF or FT	
Custom ARM – 7 Year ARM	С	AS	
Custom ARM – 10 Year ARM	С	AX	
Ginnie Mae II Adjustable Rate Mortgage (ARM) Custom Pools: Lon	don Interbank Offere	d Rate (LIBOR)	
Custom ARM – 1 Year ARM	С	RL	
Custom ARM – 3 Year ARM	С	TL	
Custom ARM – 5 Year ARM	С	FL or FB	
Custom ARM – 7 Year ARM	С	SL	
Custom ARM – 10 Year ARM	С	XL	
Ginnie Mae II Adjustable Rate Mortgage (ARM) Multiple Issuer Pool	ls: Constant Maturity	Treasury (CMT)	
Multiple Issuer ARM – 1 Year ARM – Each Loan Package	M	AR or AQ	
Multiple Issuer ARM – 3 Year Hybrid ARM – Each Loan Package	M	AT	
Multiple Issuer ARM – 5 Year Hybrid ARM – Each Loan Package	M	AF or FT	
Multiple Issuer ARM – 7 Year Hybrid ARM – Each Loan Package	M	AS	
Multiple Issuer ARM – 10 Year Hybrid ARM – Each Loan Package	Issuer ARM – 10 Year Hybrid ARM – Each Loan Package M		
Ginnie Mae II Adjustable Rate Mortgage (ARM) Multiple Issuer Pools:	London Interbank Off	ered Rate (LIBOR)	
Multiple Issuer ARM – 1 Year ARM – Each Loan Package	M	RL	
Multiple Issuer ARM – 3 Year Hybrid ARM – Each Loan Package	M	TL	





Multiple Issuer ARM – 5 Year Hybrid ARM – Each Loan Package	M	FL or FB
Multiple Issuer ARM – 7 Year Hybrid ARM – Each Loan Package	M	SL
Multiple Issuer ARM – 10 Year Hybrid ARM – Each Loan Package	M	XL
Ginnie Mae II Graduated Payment Mo	rtgage Pools	
Graduated Payment Custom Pool	С	GP or GT
Multiple Issuer Pool – Each Loan Package	М	GP or GT
Ginnie Mae II Growing Equity Mortg	gage Pools	
Growing Equity Custom Pool	С	GA or GD
Multiple Issuer Pool – Each Loan Package	M	GA or GD
Ginnie Mae II Manufactured Home Mo	rtgage Pools	
Manufactured Home Custom	С	МН



### APPENDIX 2 – STATE CODES

State Name	State Code	State Name	State Code
Alaska	AK	Montana	MT
Alabama	AL	North Carolina	NC
Arkansas	AR	North Dakota	ND
Arizona	AZ	Nebraska	NE
California	CA	New Hampshire	NH
Colorado	CO	New Jersey	NJ
Connecticut	СТ	New Mexico	NM
District of Columbia	DC	Nevada	NV
Delaware	DE	New York	NY
Florida	FL	Ohio	ОН
Georgia	GA	Oklahoma	OK
Guam	GU	Oregon	OR
Hawaii	HI	Pennsylvania	PA
Iowa	IA	Puerto Rico	PR
Idaho	ID	Rhode Island	RI
Illinois	IL	South Carolina	SC
Indiana	IN	South Dakota	SD
Kansas	KS	Tennessee	TN
Kentucky	KY	Texas	TX
Louisiana	LA	Utah	UT
Massachusetts	MA	Virginia	VA
Maryland	MD	Virgin Islands	VI
Maine	ME	Vermont	VT
Michigan	MI	Washington	WA
Minnesota	MN	Wisconsin	WI
Missouri	МО	West Virginia	WV
Mississippi	MS	Wyoming	WY