



Ginnie Mae Single Class Mortgage Backed Securities

Single Family Pool Disclosure Layouts, Version 1.2.7 Enhanced Single Family Pool Disclosure

<u>Version 1.2.7 is Effective in September 2024 (August 2024 Monthly Disclosures and September 2024 New Issuance Disclosures)</u>

See Version History for details.



Ginnie Mae Single Family Pool Level Disclosure Version History

Document Version	History
Version 1.0	3/20/2019 Initial Version
Version 1.0 Test File	6/30/2019 Test File for Version 1.0
Version 1.1	8/1/2019 Version 1.0 updated with changes described in "Changes Summary" table
	below
Version 1.1 Test File	8/19/2019 Test File for Version 1.1 (Production size test file)
Version 1.2	6/1/2020 Version 1.1 updated with the final Implementation Schedule
Version 1.2.1	2/1/2021 Version 1.2 with the following revision:
	The addition of a new value "5 = Re-performing" in the Loan Purpose field in
	Stratification Record Types 6 and 19. This change is effective with February 2021 New
	Issuance and Monthly files.
Version 1.2.2	4/1/2021 Version 1.2.1 with the following revision:
	Stratification Record 25 has been added. This record will be included in the Monthly
	Portfolio File only (not in the Daily New Issuance files). This change is effective with
	April 2021 Monthly files.
Version 1.2.3	3/1/2022 Version 1.2.2 with the following revision:
	Stratification Record 26 has been added. This record will be included in the Monthly
	Portfolio File only (not in the Daily New Issuance files). This change is effective with
	February 2022 Monthly files.
Version 1.2.4	4/1/2022 Version 1.2.3 with the following revision:
	Stratification Record 27 has been added. This record will be included in the Monthly
	Portfolio File only (not in the Daily New Issuance files). This change is effective with
	March 2022 Monthly files.
Version 1.2.5	2/1/2023 Version 1.2.4 with the following revision:
	Stratification Record 28 has been added. This record will be included in the Monthly
	Portfolio File only (not in the Daily New Issuance files). This change is effective with
	January 2023 Monthly files.
Version 1.2.6	7/1/2023 Version 1.2.5 with the following revision:



	Additional Agency input to the data disclosed in Stratification Record 28 has been added. Stratification Record 28 now includes FHA, VA, and RD input. This change is					
	effective with June 2023 Monthly Portfolio files.					
Version 1.2.7	9/1/2024 Version 1.2.6 with the following revision:					
	One new Data Element, #33, "Social Indicator", has been added to the end of the Pool					
	Security "PS" Record. This change is effective with August 2024 Monthly Portfolio					
	files and September 2024 New Issuance files.					

Changes Summary -- Version 1.1

SF Pool/Security File Records	Record Name	Change
Record Type PS	SF Pool/Security Detail	 The value in the Issuer Number field description indicating a Multiple Issuer Pool has been changed from "8000" to "9999" (Field 12) The value in the Issuer Name field description indicating a Multiple Issuer Pool has been changed from "blank" to "Multiple Issuers" (Field 13) A new field, "Average Original Loan Size (AOLS)", has been added (Field 16)
SF Pool Supplemental File Records	Record Name	Change
Record Type 01	ARM Pool Detail	A new field, field "Security Margin", has been added (Field 09)
Record Type 02	Issuer-Level Pool Detail	 A new field, field "% of Loans in Pool", has been added (Field 09) A new field, field "% of UPB in Pool", has been added (Field 11)
Record Type 03	Transfer Activity	No Change
Record Type 04	Quartiles	No Change
Record Type 05	Loan Type	No Change
Record Type 06	Loan Purpose	No Change
Record Type 07	Living Units	No Change
Record Type 08	First Time Homebuyer	No Change



Record Type 09	Removal Type	 Record Type 09 is repurposed to a stratification for Removal Type data. Buydown Record Type is now Record Type 23. See below.
Record Type 10	Down Payment Assistance	No Change
Record Type 11	Loan Origination Type	No Change
Record Type 12	Origination Year	No Change
Record Type 13	Refinance Code	No Change
Record Type 14	Metropolitan Statistical Areas (MSA)	No Change
Record Type 15	State	No Change
Record Type 16	Upfront Mortgage Insurance Premium (MIP)	No Change
Record Type 17	Annual Mortgage Insurance Premium (MIP)	No Change
Record Type 18	Pre-Modification	No Change
Record Type 19	Loan Type/Loan Purpose Record	No Change
Record Type 20	Issuer/Removal Type Record	 The order of Fields 6 and 7 has changed The record now applies to Multiple Issuer Pools only
Record Type 21	Issuer/Loan Type/ Delinquency Record	 A = All Agencies has been added to the list of Loan Type Values (Field 07) The record now applies to Multiple Issuer Pools only
Record Type 22	Loan Type/Delinquency Record	New Record / New Stratification
Record Type 23	Loan Type/Interest Buydown Record	New Record / New Stratification
Record Type 24	Not Available Record	New Record / New Stratification

Introduction

Ginnie Mae continues to enhance the pool level disclosure data provided to the marketplace. The existing Consolidated Disclosure File Version 2.2 (daily.txt, nissues_YYYYMM.txt, and monthly_YYYYMM.txt) is 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 Consolidated Disclosure File V2.2. Multifamily disclosure data will be in separate enhanced files specific to the Multifamily products (see Disclosure Bulletin 2018-077).

The final step in transforming existing Consolidated Disclosure File V2.2 is the enhancement of the MBS Single Family Pool disclosures (Single Family: Ginnie I pools; Ginnie II Custom Pools; Ginnie II Multiple Issuer Pools).

This document provides the technical specification for the file layouts, record types, and data for the Single Family Enhanced Pool Level Disclosure.

Single Family Pool Level Disclosure Summary Characteristics

Characteristic	Description					
Two Physical Files	SF Pool/Security File: Pool/Security information with one record per active 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	One Record Type with basic information about the Pool and also provides the					
	Security RPB, RPB Factor, and Weighted Averages (WA) for various attributes. This					
	record is an enhanced version of the current "D" record in the Consolidated					
	Disclosure File V2.2. The SF Pool/Security File will only contain a header, trailer, and					
	this one record type for each active pool.					
SF Pool Supplemental Record Types	Twenty-eight (28) Supplemental Record Types providing extensive information					
	about the pool activity and characteristics. Most of these 28 Record types have					
	common format and enumeration characteristics.					



Flexible Format	All Records are produced as text format with Pipe () delimited separation between fields. The files will be published in compressed (zip) format.			
Population of Records and Fields	SF Pool/Security Record will always be produced. There can be occurrences of " " bar-bar where there is no data value for a field. SF Supplemental Records are "data driven" and therefore individual Record Types are produced based on the characteristics of the pool. Fields within Record Types are "data driven" and therefore populated based on			
	characteristics of the pool. There can have occurrences of " " bar-bar, where there is no data value for a field.			
"At Issuance" Historical Data	The SF Pool/Security Record has four fields for historical "At Issuance" data. This will be a "point forward" implementation for these four history fields. It is anticipated that the first release will have blanks in these fields. The point forward population of these fields is to be determined and will be announced in a future Disclosure bulletin.			
Explicit Decimal Point	For fields that have values with decimal points, the SF Pool/Security File records and the SF Pool Supplemental File records will explicitly include the decimal point;			
Sort Order of Records	SF Pool/Security File: Records will be sorted by Pool ID in ascending order. SF Pool Supplemental File: Records will be sorted by Pool ID (ascending order); Record Type within Pool; Field Value(s) within Record Type			
Record Type Layouts—Item Number	Each of the Record Type layouts in this document have an "Item" number column. The Item numbers are for documentation reference only, and are not included in the physical output record.			
Daily New Issuance, Monthly New Issuance, and Monthly Portfolio	The file layouts are the same for: MBS Daily Pool New Issuance, Monthly Pool New Issuance, and MBS Pool Monthly Portfolio disclosures.			
Initial Implementation Dates	New Issuance Files (Daily and Monthly) are targeted for production release beginning with June 2020 New Issuances. Monthly Portfolio will begin with June 2020 data, produced on the 6 th business day of July. • First Daily New Issuance (June 1, 2020 with June data) • First Monthly New Issuance (July 1, 2020 with June data)			



	First Monthly Portfolio (July 9, 2020 with June data)
Production Test Files	Full size production test files for the MBS Single Family Pool Level Disclosures are
	available on the <u>Disclosure New Release Test File Download</u> page.
Consolidated-to-SF Pool Transition	Ginnie Mae will producing the legacy existing Consolidated Disclosure File V2.2 files
Period	and the MBS Single Family Pool Level files, in parallel, for a period of 5 months,
	beginning in January 2020.

General Characteristics of the Files and Records

This section of the document provides an overview of the common characteristics of the records in the files. The detailed technical specification of files and record formats is in the following section of this document.

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 12-15 of this document.

SF Pool Supplemental File—The records in this file are standardized and have stratifications and enumerations. There are 4 unique, different records layouts. Three (3) of the record layouts have specific common formats:

- Unique Record Types
 - Unique Records Record Types "01" "04" (each with a unique record layout)
- Common Stratification Layouts
 - One-Field Stratification Records Record Types "05" "18" and "24 28"
 - Two-Field Stratification Records Record Types "19", "20", "22", and "23"
 - Three-Field Stratification Record Record Type "21" only



SF Pool Supplemental File Summary of Record Types and Names

Record Type	Stratification Level	Record Name			
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	Removal Type			
10	1	Down Payment Assistance			
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	Issuer/Removal Type			
21	3	Issuer/Loan Type/Delinquency			
22	2	Loan Type/Delinquency			
23	2	Loan Type/Buydown Status			
24	1	Not Available			
25	1	Low and Moderate Income Area			



26	1	Re-Pooled Loans				
27	1	FHA Partial Claims				
28	1	Low Moderate Borrower Income				



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. The general specification of each common format is provided as a general guide to the technical specifications.

SF Pool Supplemental File Record Types (05 through 18) and (24 through 28) "One Field Value" Stratification Common Record format

Item	Data Element	Туре	Max Length	Format	Description
01	Record Type	Character	2		The Record Type value "05" through "18" and "24" through "28"
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool (X, C, or M)
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Field Value	Character	Х		Values described in Record Types "05" through "18" and "24" through "28"
07	Number of Loans	Numeric	6		The number of loans in the pool for the field value.
08	% of Loans	Numeric	6	3.2	The percentage 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 Unpaid Principal Balance (UPB) of the pool for the field value.



SF Pool Supplemental File Record Types 19, 20, 22, and 23, "Two Field Value" Stratification Common Record format

Item	Data Element	Туре	Max Length	Format	Description
01	Record Type	Character	2		The Record Type value "19", "20", "22", and "23"
02	CUSIP	Character	9		The unique identification number permanently assigned by the
					Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool (X, C, or M)
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Field 1 Value	Character	X		Values in the first stratification field as described in Record Types "19", "20", "22", and "23".
07	Field 2 Value	Character	X		Values in the second stratification field as described in Record Types "19", "20", "22", and "23".
08	Number of Loans	Numeric	6		The number of loans in the pool for the Field 1 and 2 value combination.
09	% of Loans	Numeric	6	3.2	The percentage 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 Unpaid Principal Balance (UPB) of the pool for the Field 1 and 2 value combination.



SF Pool Supplemental File Record Type 21 "Three-Field Value" Stratification Common Record format

Item	Data Element	Туре	Max Length	Format	Description
01	Record Type	Character	2		The Record Type value "21"
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator = M	Character	1		Identifies the Issue Type of the pool (M)
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Field 1 Value	Character	X		Values in the first stratification field as described in Record
					Type "21".
07	Field 2 Value	Character	X		Values in the second stratification field as described in
					Record Type "21".
08	Field 3 Value	Character	X		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	% of Loans	Numeric	6	3.2	The percentage 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 Unpaid Principal Balance (UPB) of the
					pool 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

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

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

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

Item	Data Element	Type	Max	Format	Definition
			Length		
01	Record Type = PS	Character	2		SF Pool/Security Detail Record
02	CUSIP Number	Character	9		The unique identification number permanently assigned by the
					Committee on Uniform Securities Identification Procedures
					(CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by
					Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Issue Date	Date	8	YYYYMMDD	The date that the pool was issued
07	Security Interest Rate	Numeric	6	2.3	The interest rate of the Ginnie Mae Security. For ARM pools this
					is the rate in effect for the report period.
08	Maturity Date	Numeric	8	YYYYMMDD	The date on which the final payment for the Security is
					scheduled to be paid.



09	Original Aggregate Amount	Numeric	16	13.2	The aggregate principal amount (UPB at issuance) of the 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; (based on a computation of scheduled principal).
11	RPB Factor	Numeric	10	1.8	The decimal value of the Security's Remaining Principal Balance divided by the Original Aggregate Amount. The factor is 1 at issuance, and zero in the period of final payment.
12	Issuer Number	Numeric	4		A four-digit number which identifies the Issuer responsible for the pool; a value of "9999" indicates a Multiple Issuer Pool.
13	Issuer Name	Character	40		The name of the Issuer currently responsible for the pool; a value of "Multiple Issuers" indicates Multiple Issuer Pool.
14	Number of loans in pool	Numeric	6		The current total number of loans in the pool.
15	Pool UPB	Numeric	16	13.2	The sum of the Loan UPBs in the pool. This is the aggregate of the actual UPB balances of the loans in the pool.
16	Average Original Loan Size (AOLS)	Numeric	16	13.2	Original Loan Size (original principal amount of the loan) for the loans in the pool. This is a simple average, not a weighted average.
17	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.
18	WA Interest Rate (WAC)	Numeric	6	2.3	Weighted Average Interest Rate (Coupon) of loans in the pool. This is the gross WA Interest Rate (not the Security Rate).
19	WA Remaining Months to Maturity (WARM)	Numeric	3		Weighted Average Remaining Maturity (remaining months to pay off the loans) for the loans in the pool.
20	WA Loan Age (WALA)	Numeric	3		Weighted Average Loan Age (age of loans in months from the first scheduled payment date) for the loans in the pool.
21	WA Original Loan Term (WAOLT)	Numeric	3		Weighted Average Original Loan Term (original term of loans in months) for the loans in the pool.
22	WA Gross Margin (WAGM)	Numeric	6	2.3	For ARM pools, the Weighted Average Gross Margin for the loans 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 interest rate.
23	WA Loan to Value (LTV)	Numeric	3		Weighted Average Loan-to-Value of the original LTV for the loans in the pool.



24	WA Combined Loan to Value (CLTV)	Numeric	3		Weighted Average Combined Loan-to-Value of the original CLTV for the loans in the pool.
25	WA Credit Score	Numeric	3		The Weighted Average of the original three-digit credit score for the loan which was used by the lender in the origination of the loan.
26	WA Debt to Income	Numeric	5	1.3	The Weighted Average of the debt to income for the loan which was used by the lender in the origination of the loan.
27	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.
28	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.
29	WA Interest Rate (WAC) at Issuance	Numeric	6	2.3	Weighted Average Interest Rate (Coupon) of all loans in the pool at issuance. Point Forward Field not populated in V1.1
30	WA Remaining Months to Maturity (WARM) at Issuance	Numeric	3		Weighted Average Remaining Maturity of all loans in the pool at issuance. Point Forward Field not populated in V1.1
31	WA Loan Age (WALA) at Issuance	Numeric	3		Weighted Average Loan Age (age of loan in months) of all loans in the pool at issuance. Point Forward Field not populated in V1.1
32	WA Original Loan Term (WAOLT) at Issuance	Numeric	3		Weighted Average Original Loan Term (original length of loan in months) for all loans in the pool at issuance. Point Forward Field not populated in V1.1
33	Social Indicator	Character	1		This pool may contain a Social Language insert in its prospectus. Values are: Y = Pool contains a Social Language insert in its prospectus N = Pool does not contain a Social Language insert in its prospectus



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

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 for the data in the file.
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 for the data in the file.
03	Create Date	Date	8	YYYYMMDD	The date that the file is produced.

Record Type 01 ARM Pool Detail - One Record per Pool for ARM Custom and ARM Multiple-Issuer Pools

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 01	Character	2		Adjustable Rate Mortgage Record; applies to ARM Pools only.
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are C or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Look Back Period	Numeric	2		The two-digit number of days 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 = 30-day look back
07	Indox Type				45 = 45-day look back
07	Index Type				The type of ARM index being used for the ARM loan. Values
		Character	5		are: CMT = Constant Maturity Treasury
					LIBOR = London Interbank Offered Rate
08	Security Interest Rate at Issuance	Numeric	6	2.3	The interest rate of the Security at issuance.
09	Security Margin	Numeric			The amount added to the ARM index to determine the
03	Security Wargin	Numeric	5	1.3	Security Interest Rate.
10	Prospective Interest Rate	Numeric	6	2.3	The next Interest rate for the ARM Pool, if applicable.
11	Next Interest Adjustment Date				The date of the next Interest Rate Adjustment for the ARM
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Date	8	YYYYMMDD	Pool.
12	Prior Interest Adjustment Date	5 .		YYYYMMDD	The date of the current Interest Rate Adjustment for the ARM
		Date	8		Pool.
13	Next Payment Adjustment Date	Date	8	YYYYMMDD	The date of the next Payment Adjustment for the ARM Pool.
14	Months To Adjust	Numeric	3		The number of months remaining until the Next Adjustment
		Numeric	5		Date.
15	WA Gross Margin (WAGM)				For ARM Pools, the Weighted Average Gross Margin of the
		Numeric	6	2.3	loans in the pool. For an adjustable rate loan, the Gross
		Numeric	O	2.5	Margin is the amount added to the ARM index for the loan to
					determine the loan's interest rate.
16	Maximum Mortgage Margin	Numeric	6	2.3	The maximum Mortgage Margin of the loans in the ARM
					pool.
17	Minimum Mortgage Margin	Numeric	6	2.3	The minimum Mortgage Margin of the loans in the ARM pool.
18	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.
19	Subsequent Interest Rate Cap				The maximum interest rate change (+ or -) in an ARM pool for
		Numeric	1		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).





20	Lifetime Interest Rate Cap	Numeric	1		The maximum interest rate change (+ or -) in an ARM pool over the life of the pool.
21	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.
22	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.
23	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.



Record Type 02 Issuer-Level Detail Record – Multiple Issuer Pools. One Record per Issuer for each Issuer participating in the Multiple Issuer Pool

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 02	Character	2		Issuer-Level Pool Detail Record for each Issuer in the Multiple Issuer Pool (MIP)
02	CUSIP Number	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator = M	Character	1		Identifies the Issue Type of the pool. Value is always M (always M for Record Type 02 Multi Issuer Pools)
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Issuer Number	Numeric	4		A four-digit number which identifies the Issuer participating in the Multiple Issuer Pool.
07	Issuer Name	Character	40		The name of the Issuer participating in the Multiple Issuer Pool.
08	Number of Loans in Pool	Numeric	6		The total number of loans in the Multiple Issuer Pool for the Issuer.
09	% of Loans in Pool	Numeric	6	3.2	The percentage of the number of loans in the Multiple Issuer Pool for the Issuer.
10	Pool UPB	Numeric	16	13.2	The sum of the actual Unpaid Principal Balances in the Multiple Issuer Pool for the Issuer.
11	% of UPB in Pool	Numeric	6	3.2	The percentage of the Unpaid Principal Balance in the Multiple Issuer Pool for the Issuer.
12	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 Multiple Issuer Pool for the Issuer.

Ginnie Mae Single Family Pool Level Disclosure Layout, Version 1.2.7



13	WA Interest Rate (WAC)	Numeric	6	2.3	Weighted Average Interest Rate (Coupon) of loans in the Multiple Issuer Pool for the Issuer. This is the gross WA Interest Rate (not the Security Rate).
14	WA Remaining Months to Maturity (WARM)	Numeric	3		Weighted Average Remaining Maturity (remaining months to pay off the loans) for the loans in the Multiple Issuer Pool for the Issuer.
15	WA Loan Age (WALA)	Numeric	3		Weighted Average Loan Age (age of loans in months from the first scheduled payment date) for the loans in the Multiple Issuer Pool for the Issuer.
16	WA Original Loan Term (WAOLT)	Numeric	3		Weighted Average Original Loan Term (original term of loans in months) for the loans in the Multiple Issuer Pool for the Issuer.
17	WA Gross Margin (WAGM)	Numeric	6	2.3	For ARM pools, the Weighted Average Gross Margin for the loans in the Multiple Issuer Pool for the Issuer. For an adjustable rate loan, the Gross Margin is the amount added to the ARM index for the loan to determine the loan's interest rate.
18	WA Loan to Value (LTV)	Numeric	3		Weighted Average Loan-to-Value of the original LTV for the loans in the Multiple Issuer Pool for the Issuer.
19	WA Combined Loan to Value (CLTV)	Numeric	3		Weighted Average Combined Loan-to-Value of the original CLTV for the loans in the Multiple Issuer Pool for the Issuer.
20	WA Credit Score	Numeric	3		The Weighted Average of the original three-digit credit score for the loan in the Multiple Issuer Pool for the Issuer (which was used by the lender in the origination of the loan).
21	WA Debt to Income	Numeric	5	1.3	The Weighted Average of the debt to income for the loan in the Multiple Issuer Pool for the Issuer (which was used by the lender in the origination of the loan).
22	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.
23	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.



Record Type 03 Pool Transfer Details Record (Occurs only for the period of transfer)

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 03	Character	2		Pool Transfer Record
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
					Transfers in M pools are aggregated by selling/buying Issuers.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Pool Issue Date	Date	8	YYYYMMDD	The issue date of the pool.
07	Transfer Type	Numeric	1		The type of pool transfer. Values are:
					1 = PIIT (Pool Issued for Immediate Transfer)
					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 transferred in the pool
11	UPB of Loans	Numeric	16	13.2	Aggregate actual Unpaid Principal Balances of the loans
					transferred in the pool.



Record Type 04 Quartiles Record

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





15	Credit Score	Numeric	3		Credit score of the loan for the quartile. The original three- digit credit score for the loan which was used by the lender in the origination of the loan.
16	Debt Income Ratio	Numeric	5	1.3	Debt income ratio of the loan for the quartile. The debt to income for the loan which was used by the lender in the origination of the loan.
17	Pre-Mod LAD	Numeric	3		Pre-Mod LAD of the loan for the quartile. 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.
18	Pre-Mod OLS	Numeric	16	13.2	Pre-Mod OLS of the loan for the quartile. The value for modified loans of the original loan size (Pre-Modified OPB) before loan modification.



Stratification Records: Record Types 05-28

Record Type 05 Loan Type Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 05	Character	2		Loan Type Government Insured/Guarantee Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Loan Type	Character	1		This is the Federal government agency. Values are: F = Federal Housing Administration V = Veterans Administration R = Rural Development N = Native American Section 184 9 = Not Available
07	Number of Loans	Numeric	6		The number of loans in the pool for the Loan Type Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the Loan Type Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Loan Type Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool for the Loan Type Value.



Record Type 06 Loan Purpose Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 06	Character	2		Loan Purpose Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Loan Purpose	Numeric	1		Value 5 is in "RG" Pool Type pools only. Values are:
					1 = Regular
					2 = Refinance
					3 = Loan Modification (HAMP)
					4 = Loan Modification (non-HAMP)
					5 = Re-performing
					9 = Not Available
07	Number of Loans	Numeric	6		The number of loans in the pool for the Loan Purpose Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Loan Purpose Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Loan
					Purpose Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Loan Purpose Value.



Record Type 07 Living Units Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 07	Character	2		Number of Living Units Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Living Units	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		The number of loans in the pool for the Living Units Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the Living Units Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Living
					Units Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Living Units Value.



Record Type 08 First-Time Homebuyer Record

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



Record Type 09 Removal Type Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 09	Character	2		Removal Type Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Removal Type	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	Number of Loans	Numeric	6		The number of loans in the pool for the Removal Type Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Removal Type Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Removal
					Type Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Removal Type Value.



Record Type 10 Down Payment Assistance Record

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



Record Type 11 Loan Origination Type Record

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



Record Type 12 Origination Year Record

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



Record Type 13 Refinance Code Record

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



Record Type 14 MSA Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 14	Character	2		Metropolitan Statistical Area (MSA) Stratification for each
					MSA applicable to the pool.
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	MSA	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		The number of loans in the pool for the MSA Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					MSA Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the MSA
					Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the MSA Value.



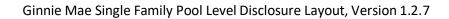
Record Type 15 State Code Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 15	Character	2		Property State Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides 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		The number of loans in the pool for the State Code Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					State Code Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the State Code
					Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the State Code Value.



Record Type 16 Upfront MIP Rate Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 16	Character	2		Upfront MIP Stratification: Applies only to FHA mortgage insurance
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides 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		The number of loans in the pool for the Upfront MIP Rate Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the Upfront MIP Rate Value.





09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Upfront
					MIP Rate Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Upfront MIP Rate Value.



Record Type 17 Annual MIP Rate Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 17	Character	2		Annual MIP Stratification: Applies only to FHA mortgage insurance
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides 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 075 = 75 BPS 080 = 80 BPS 085 = 85 BPS 090 = 90 BPS 095 = 95 BPS 100 = 100 BPS 110 = 110 BPS 115 = 115 BPS 120 = 120 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		The number of loans in the pool for the Annual MIP Rate
					Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Annual MIP Rate Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Annual
					MIP Rate Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Annual MIP Rate Value.



Record Type 18 Pre-Modification Value Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 18	Character	2		Pre-Modification Stratification; applies only if there are
					modified loans in the pool (Loan Purpose of 3 or 4)
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Pre-Modification	Numeric	1		Values are:
					1 = Pre-Modified First Payment Date
					2 = Pre-Modified Original Principal Balance
07	Number of Loans	Numeric	6		The number of loans in the pool for the Pre-Modification
					Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Pre-Modification Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Pre-
					Modification Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Pre-Modification Value.



Record Type 19 Loan Type / Loan Purpose Record. Two-Field Stratification

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 19	Character	2		Government Agency and Loan Purpose Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Loan Type	Character	1		This is the Federal government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American Section 184
					9 = Not Available
07	Loan Purpose	Numeric	1		Value 5 is in "RG" Pool Type pools only. Values are:
					1 = Purchase
					2 = Refinance
					3 = Loan Modification (HAMP)
					4 = Loan Modification (non-HAMP)
					5 = Re-performing
					9 = Not Available
08	Number of Loans	Numeric	6		The number of loans in the pool for the Loan Type
					Value/Loan Purpose Value combination.
09	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Loan Type Value/Loan Purpose Value combination.
10	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Loan Type
					Value/Loan Purpose Value combination.
11	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool for the Loan Type Value/Loan Purpose Value combination.



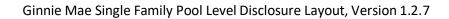
Record Type 20 Issuer / Removal Type Record. Two-Field Stratification

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 20	Character	2		Issuer Level Removals Stratification for Multiple Issuer Pools
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator = M	Character	1		Identifies the Issue Type of the pool. Value is always M.
					(always M for Record Type 20 Multi Issuer Pools)
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Issuer Number	Numeric	4		A four-digit number which identifies the Issuer participating
					in the Multiple Issuer Pool.
07	Removal Type	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
08	Number of Loans	Numeric	6		The number of loans in the pool for the Issuer Number
					Value/Removal Type Value combination.
09	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Issuer Number Value/Removal Type Value combination.
10	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Issuer
					Number Value/Removal Type Value combination.
11	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Issuer Number Value/Removal Type Value
					combination.



Record Type 21 Issuer / Loan Type / Delinquency Record. Three-Field Stratification

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 21	Character	2		Issuer Level Government Agency Delinquency Stratification;
					produced only for Multiple Issuer Pools
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator = M	Character	1		Identifies the Issue Type of the pool. Value is always M.
					(always M for Record Type 21 Multi Issuer Pools)
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Issuer Number	Numeric	4		A four-digit number which identifies the Issuer participating
					in the Multiple Issuer Pools.
07	Loan Type	Character	1		This is the Federal government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American Section 184
					A = All Agencies
					9 = Not Available
08	Delinquency	Numeric	1		Values are:
					1 = 1 Month
					2 = 2 Months
					3 = 3+ Months
09	Number of Loans	Numeric	6		The number of loans in the pool for the Issuer ID Value/Loan
					Type Value/Delinquency Value combination.
10	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Issuer ID Value/Loan Type Value/Delinquency Value
					combination.





11	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Issuer ID
					Value/Loan Type Value/Delinquency Value combination.
12	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Issuer ID Value/Loan Type Value/Delinquency Value
					combination.



Record Type 22 Loan Type / Delinquency Record. Two-Field Stratification

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 22	Character	2		Government Agency and Delinquency Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Loan Type	Character	1		This is the Federal government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American Section 184
					A = All Agencies
					9 = Not Available
07	Delinquency	Numeric	1		Values are:
					1 = 1 Month
					2 = 2 Months
					3 = 3+ Months
08	Number of Loans	Numeric	6		The number of loans in the pool for the Loan Type
					Value/Delinquency Value combination.
09	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Loan Type Value/Delinquency Value combination.
10	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Loan Type
					Value/Delinquency Value combination.
11	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Loan Type Value/Delinquency Value combination.



Record Type 23 Loan Type / Interest Buydown Record. Two-Field Stratification

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 23	Character	2		Government Agency and Interest Buy Down Stratification.
					Not applicable to ARM pools; record is only produced only for
					Buydown loans.
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Loan Type	Character	1		This is the Federal government agency. Values are:
					F = Federal Housing Administration
					V = Veterans Administration
					R = Rural Development
					N = Native American Section 184
					9 = Not Available
07	Buydown Status	Numeric	1		Values are:
					1 = Buydown Loan
					2 = Not Buydown Loan
					9 = Not Available
08	Number of Loans	Numeric	6		The number of loans in the pool for the Loan Type
					Value/Buydown Status Value combination.
09	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Loan Type Value/Buydown Status Value combination.
10	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Loan Type
					Value/Buydown Status Value combination.
11	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Loan Type Value/Buydown Status Value combination.



Record Type 24 Not Available Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 24	Character	2		Not Available Stratification
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Not Available	Numeric	2		Values are:
					1 = Loan to Value (LTV) Not Available
					2 = Combined Loan to Value (CLTV) Not Available
					3 = Debt Income Ratio Not Available
					4 = Credit Score Not Available
07	Number of Loans	Numeric	6		The number of loans in the pool for the Not Available Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the Not
					Available Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Not
					Available Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Not Available Value.



Record Type 25 Low and Moderate Income Area Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 25	Character	2		Low and Moderate Income Area Stratification as defined by
					the Department of Housing and Urban Development (HUD).
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Low and Moderate Income Area	Character	1		Value is:
					Y = Property is in a Low and Moderate Income Area
07	Number of Loans	Numeric	6		The number of loans in the pool for the Low and Moderate
					Income Area Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
					Low and Moderate Income Area Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Low and
					Moderate Income Area Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the Low and Moderate Income Area Value.



Record Type 26 Re-Pooled Loans Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 26	Character	2		Re-Pooled Loans Stratification. Pools with re-pooled loans,
					i.e. currently active loans in the pool that were previously
					liquidated from another Ginnie Mae pool.
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	Re-Pooled Loans	Character	1		Value is:
					Y = Re-Pooled Loans
07	Number of Loans	Numeric	6		The number of Re-Pooled loans in the pool.
08	% of Loans	Numeric	6	3.2	The percentage of the number of Re-Pooled loans in the pool.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) of Re-Pooled loans in the
					pool.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) of Re-
					Pooled loans in the pool.



Record Type 27 FHA Partial Claims Record

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 27	Character	2		Partial Claims Stratification: Applies for active loans in the
					pool that have had an FHA Partial Claims paid (applies for
					partial claims paid December 2016 and thereafter).
02	CUSIP	Character	9		The unique identification number permanently assigned by
					the Committee on Uniform Securities Identification
					Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned
					by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of
					pool types.
06	FHA Partial Claims	Character	1 Value is:		Value is:
					Y = Pool contains FHA Partial Claim(s) data
07	Number of Loans	Numeric	6		The number of loans in the pool for the FHA Partial Claims
					Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the
				FHA Partial Claims Value.	
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the FHA Partial
					Claims Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool
					for the FHA Partial Claims Value.



Record Type 28 Low Moderate Borrower Income Record.

Item	Data Element	Туре	Max Length	Format	Definition
01	Record Type = 28	Character	2		Low Moderate Borrower Income Stratification. Pools with Low and Moderate Income characteristics based on Federal Financial Institutions Examination Council (FFIEC) data. This record includes loans in pools issued January 2012 and thereafter. Agency data from the Federal Housing Administration, Veterans Administration, and Rural Development is included; no agency data from Native American Section 184 is included.
02	CUSIP	Character	9		The unique identification number permanently assigned by the Committee on Uniform Securities Identification Procedures (CUSIP).
03	Pool ID	Character	6		The Ginnie Mae unique identifier for the pool; this is assigned by Ginnie Mae at pool issuance.
04	Pool Indicator	Character	1		Identifies the Issue Type of the pool. Values are X, C, or M.
05	Pool Type	Character	2		The type of Ginnie Mae pool. Appendix 1 provides a listing of pool types.
06	Low Moderate Borrower Income	Character	1		Values are: Y = Borrower Income is Less than 80% of the FFIEC Median Family Income (MFI) N = Borrower Income is Greater than or Equal to 80% of the FFIEC Median Family Income (MFI) 9 = Not Available
07	Number of Loans	Numeric	6		The number of loans in the pool for the Low Moderate Borrower Income Value.
08	% of Loans	Numeric	6	3.2	The percentage of the number of loans in the pool for the Low Moderate Borrower Income Value.
09	UPB	Numeric	16	13.2	The total Unpaid Balance (UPB) in the pool for the Low Moderate Borrower Income Value.
10	% of UPB	Numeric	6	3.2	The percentage of the total Unpaid Balance (UPB) in the pool for the Low Moderate Borrower Income Value.



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 for the data in the file.
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	Х	GA or GD

Pool Type Name	Issue Type	Pool Type
Ginnie Mae II Single Family Level Payment F	Pools	
Single Family Fixed Rate Custom Pool	С	SF
Single Family Custom Re-Performing Pool	С	RG
Single Family Custom Extended Term Pool	С	ET
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	M	JM
Ginnie Mae II Adjustable Rate Mortgage (ARM) Custom Pools: Consta	nt Maturity Trea	sury (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: London II	nterbank Offered	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 Pools: Co	nstant Maturity	Treasury (CMT)
Multiple Issuer ARM – 1 Year ARM – Each Loan Package	М	AR or AQ
Multiple Issuer ARM – 3 Year Hybrid ARM – Each Loan Package	М	AT
Multiple Issuer ARM – 5 Year Hybrid ARM – Each Loan Package	М	AF or FT
Multiple Issuer ARM – 7 Year Hybrid ARM – Each Loan Package	М	AS
Multiple Issuer ARM – 10 Year Hybrid ARM – Each Loan Package	М	AX



Ginnie Mae II Adjustable Rate Mortgage (ARM) Multiple Issuer Pools: L	ondon Interbank Off	ered Rate (LIBOR
Multiple Issuer ARM – 1 Year ARM – Each Loan Package	М	RL
Multiple Issuer ARM – 3 Year Hybrid ARM – Each Loan Package	М	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	М	XL
Ginnie Mae II Graduated Payment Mortg	age Pools	
Graduated Payment Custom Pool	С	GP or GT
Multiple Issuer Pool – Each Loan Package	М	GP or GT
Ginnie Mae II Growing Equity Mortgag	e Pools	
Growing Equity Custom Pool	С	GA or GD
Multiple Issuer Pool – Each Loan Package	М	GA or GD
Ginnie Mae II Manufactured Home Mortg	age 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	СО	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