

File(s) Impacted: MBS Intraday Security Issuance File  
 MBS Intraday Security Supplemental Issuance File  
 MBS Month-end Security Issuance File  
 MBS Month-end Security Supplemental Issuance File  
 MBS Monthly Security Factor File  
 MBS Monthly Security Supplemental File  
 MBS Security Issuance Correction File  
 MBS Security Supplemental Issuance Correction File  
 Excess Servicing Fee Issuance Security Supplemental File  
 Excess Servicing Fee Monthly Security Supplemental File

File Name(s): FNM\_IS\_YYYYMMDD\_X  
 FNM\_ISS\_YYYYMMDD\_X  
 FNM\_IS\_YYYYMM  
 FNM\_ISS\_YYYYMM  
 FNM\_MF\_YYYYMM  
 FNM\_MS\_YYYYMM  
 FNM\_RIS\_YYYYMM  
 FNM\_RISS\_YYYYMM  
 FNM\_DEALW\_ESF\_ISS\_YYYYMM.TXT  
 FNM\_DEALW\_ESF\_MSS\_YYYYMM.TXT

Publication Date: Interest Rate Buydown Type - Effective September 2023 issuances  
 Social Disclosures (Social Density Score / Social Criteria Share) - Effective September 2023 issuances in aligned disclosure files.  
 Property Valuation Method label change- Effective September 2023 issuances

Comments: Add Social Density Score and Social Criteria Share attributes to aligned disclosures - MBS Intraday Security Issuance File  
 Add Social Density Score and Social Criteria Share attributes to aligned disclosures - MBS Month-end Security Issuance File  
 Add Social Density Score and Social Criteria Share attributes to aligned disclosures - MBS Monthly Security Factor File. Values do not change as loans pay down. Monthly files will include SDS / SCS for pools issued since January 2010  
 Add Social Density Score and Social Criteria Share attributes to aligned disclosures - MBS Security Issuance Correction File  
 Retire Daily MBS Social Disclosure File - last file to be published is on September 1. Previously published social files to remain available.  
 Add New Stratification Record 50 (Interest Rate Buydown Type Stratification will be added to MBS Security Supplemental file (Issuance and monthly).  
 Add New Stratification Record 50 (Interest Rate Buydown Type Stratification will be added to MBS Security Supplemental Issuance Correction File  
 Add New Stratification Record 26 (Interest Rate Buydown Type Stratification will be added to ESF Security Supplemental file ( Issuance and monthly)  
 Interest rate Buydown Type effective for January 2022 issuances forward , Pre January 2022, data is not available (9)  
 Relabel Property Valuation Method enumeration Onsite Property Data Collection "P" to Appraisal Waiver plus Property Data Collection – Value for Prospectus supplement and Pooltalk. There are no change in data files.

### MBS Loan Level File

L-107	Property Valuation Method	<p>The method by which the value of the subject property was obtained.</p> <ul style="list-style-type: none"> <li>Appraisal: The property value obtained through an appraisal that was completed by a licensed or certified appraiser.</li> <li>Appraisal Waiver plus Property Data Collection - Condition: The appraisal is waived with the requirement that certain property data is collected onsite by a licensed or certified appraiser or trained data collector to ensure the condition of the property meets the GSE's requirements but is not used to validate the value of the property.</li> <li>Appraisal Waiver plus Property Data Collection – Value: The property data collected onsite by a licensed or certified appraiser or other third-party and validated through a proprietary automated valuation model.</li> <li>GSE Targeted Refinance Programs: The programs implemented by the GSEs for targeted refinance products.</li> <li>Appraisal Waiver: The appraisal waived per applicable Selling Guide or negotiated terms.</li> <li>Other: Any property valuation method not provided for within the other enumerations.</li> <li>Not Applicable: Property valuation method not applicable to the related loan product.</li> <li>Not Available: Property valuation method not available for disclosure.</li> </ul> <p>DRAFT definitions / notes</p>	<p>A = Appraisal                  C = Appraisal Waiver plus Property Data Collection – Condition                  P = Appraisal Waiver plus Property Data Collection – Value                  R = GSE Targeted Refinance Program                  W = Appraisal Waiver                  O = Other                  7 = Not Applicable                  9 = Not Available</p>	String	1	<ul style="list-style-type: none"> <li>Appraisal: Includes appraisal types where a certified appraiser is part of the process. This includes Traditional, Desktop and Hybrid appraisal types. For one-unit properties (excluding Manufactured Housing), the lender receives relief from representations and warranties of property valuation if Collateral Underwriter risk score is 2.5 or less but must provide representations and warranties on property characteristics and condition. For all other properties, the lender must provide representations and warranties on property valuation, characteristics, and condition.</li> <li>Appraisal Waiver plus Property Data Collection – Condition: Fannie Mae's Value Acceptance + Property Data (VA + PD) program, in which an appraisal waiver is provided utilizing Fannie Mae's AVM but is contingent on property data being collected by a trained and vetted third party (real estate agent, insurance inspector, appraiser, etc.). The lender reviews the data and warrants the property eligibility; however, the data is not used to evaluate the validity of the lender-provided property value. For VA + PD, the lender receives relief from representations and warranties on property valuation but must provide representations and warranties on property characteristics and condition.</li> <li>Appraisal Waiver plus Property Data Collection – Value: An automated valuation model, using the property data collected onsite, evaluates the validity (within tolerances) of the lender-provided property value that is generally used in the LTV calculation. For purchase transactions, the Sales Price is the value generally provided by the lender. The lender receives relief from representations and warranties on property valuation but must provide representations and warranties on property characteristics and condition.</li> <li>GSE Targeted Refinance Programs: Loans in these programs may have received an appraisal, an appraisal waiver, or utilized an automated valuation model to determine the property value. Includes Fannie Mae HARP, Refi Plus or High LTV Refinance loans, and, in the case of commingled Supers, can contain Freddie Mac's Relief Refinance and Enhanced Relief Refinance program loans. RefiNow or Freddie Mac Refi Possible are not included in the program.</li> <li>Appraisal Waiver: Fannie Mae uses data and technology to accept the lender-provided value, allowing lenders to deliver loans for certain eligible transactions to Fannie Mae without an appraisal. The accepted lender provided property value is generally used in the LTV calculation. For purchase transactions, the Sales Price is the value generally provided by the lender. A commingled Supers may contain loans with appraisal waivers granted under Fannie Mae's program and/or under Freddie Mac's program. The lender receives relief from representations and warranties on property valuation, characteristics, and condition.</li> <li>Other: May include methods such as broker price opinion, tax valuation or appraisal waiver with property data collection. Effective 4/17/23, Fannie Mae began disclosing its Value Acceptance + Property Data (VA + PD) program, in which an appraisal waiver is provided utilizing Fannie Mae's AVM process but is contingent on property data being collected by a trained and vetted third party (real estate agent, insurance inspector, appraiser, etc.). Lender reviews the data and warrants the property eligibility; however, the data is not used to evaluate the validity of the lender-provided property value. Currently, Value Acceptance + Property Data is the only active program disclosed in the "Other" enumeration. For VA + PD, the lender receives relief from representations and warranties on property valuation but must provide representations and warranties on property characteristics and condition.</li> <li>Not Applicable: For Modified Repurchasing loans in fixed-rate and step-rate pools, the value will default to Not Applicable.</li> <li>Not Available: For loans backing pools issued prior to January 1, 2017, the value will default to Not Available.</li> </ul>
-------	---------------------------	--	--	--------	---	---

### MBS Security File

S-92	Social Density Score	The average of the number of Social Dimensions for which each mortgage loan qualifies.  There are three possible dimensions. The first Social Dimension if a borrower(s) meets the requirements of a "Low-Income Borrower." The second dimension if the borrower (s) meets the requirements of one or both of a "Minority Borrower," or a "First-Time Homebuyer. The third Social Dimension if the mortgage loan meets the requirements of a "Low-Income Area," "Minority Tract," "High-Needs Rural," Designated Disaster Area", or "Manufactured Housing" mortgage loan		Numeric	1.2	4	The maximum score will be 2.5 to minimize privacy concerns in cases where all three Social Dimensions are met  If issuance loan count is less than 10 non second homes then default to 7.77	Sum (Loan Social Dimensions for all loans) / aggregate loan count
S-93	Social Criteria Share	The percentage of loans in the security that satisfies at least one Social Dimension.  There are three possible dimensions. The first Social Dimension if a borrower(s) meets the requirements of a "Low-Income Borrower." The second dimension if the borrower (s) meets the requirements of one or both of a "Minority Borrower," or a "First-Time Homebuyer. The third Social Dimension if the mortgage loan meets the requirements of a "Low-Income Area," "Minority Tract," "High-Needs Rural," Designated Disaster Area", or "Manufactured Housing" mortgage loan		Numeric	3.2	6	If issuance loan count is less than 10 non second homes then default to 777.77	Sum (Number of loans with social Dimension >=1) / aggregate loan count

**MBS Security Supplemental File**

SS-478	Record Type = 44	Property Valuation Method Stratification		String		2		
SS-479	Prefix	The designation assigned by the issuer denoting the type of the loans and the security.		String		3		
SS-480	Security Identifier	The unique designation assigned to the security by the issuer.		String		6		
SS-481	CUSIP	The unique designation assigned to the security by the Committee on Uniform Securities Identification Procedures (CUSIP)		String		9		
SS-482	Property Valuation Method	The method by which the value of the subject property was obtained.		String		1	A = Appraisal C = Appraisal Waiver plus Property Data Collection – Condition P = Appraisal Waiver plus Property Data Collection – Value R = GSE Targeted Refinance Program W = Appraisal Waiver O = Other 7 = Not Applicable 9 = Not Available	
SS-483	Aggregate Investor Loan UPB	For the stratified attribute, the sum of the Investor Loan UPB for the loans in the security.		Numeric	14.2	17		
SS-484	Percentage Investor Loan UPB	For the stratified attribute, the percentage of the Investor Loan UPB for the loans in the security.		Numeric	3.2	6		
SS-485	Aggregate Loan Count	For the stratified attribute, the total number of loans in the security.		Numeric		9		
SS-486	Percentage Loan Count	For the stratified attribute, the percentage of loans in the security.		Numeric	3.2	6		
SS-535	Record Type = 50	Interest Rate Buydown Type		String		2		
SS-536	Prefix	The designation assigned by the issuer denoting the type of the loans and the security.		String		3		
SS-537	Security Identifier	The unique designation assigned to the security by the issuer.		String		6		
SS-538	CUSIP	The unique designation assigned to the security by the Committee on Uniform Securities Identification Procedures (CUSIP).		String		9		
SS-539	Interest Rate Buydown Type	An interest rate buydown that temporarily reduces a borrower's monthly payment through a temporary reduction in interest rate.  DRAFT definitions / notes		String		1	MT = Moderate / Temporary SE = Significant / Extended O = Other 7 = Not Applicable 9 = Not Available	

SS-540	Aggregate Investor Loan UPB	For the stratified attribute, the sum of the Investor Loan UPB for the loans in the security.		Numeric	14.2	17	
SS-541	Percentage Investor Loan UPB	For the stratified attribute, the percentage of the Investor Loan UPB for the loans in the security.		Numeric	3.2	6	
SS-542	Aggregate Loan Count	For the stratified attribute, the total number of loans in the security.		Numeric		9	
SS-543	Percentage Loan Count	For the stratified attribute, the percentage of loans in the security.		Numeric	3.2	6	

**ESF Security Supplemental File**

XI - 273	Record Type = 21	Property Valuation Method Stratification		String		2	
XI - 274	Trust Identifier	The unique alpha and/or numeric designation assigned to each deal.		String		50	
XI - 275	Class Identifier	The unique alpha and/or numeric designation assigned to each sub-deal.		String		5	
XI - 276	Issuer	The name of the entity that issued the security.	FNM = Fannie Mae	String		3	
XI - 277	CUSIP	The unique designation assigned to the security by the Committee on Uniform Securities Identification Procedures (CUSIP).		String		9	
XI - 278	Security Identifier	The unique designation assigned to the security by the issuer.		String		6	
XI - 279	Property Valuation Method	The method by which the value of the subject property was obtained.	A = Appraisal C = Appraisal Waiver plus Property Data Collection – Condition P = Appraisal Waiver plus Property Data Collection – Value R = GSE Targeted Refinance Program W = Appraisal Waiver O = Other 7 = Not Applicable 9 = Not Available	String		1	
XI - 280	Aggregate Investor Loan UPB with excess contribution percent	For the stratified attribute, the sum of the Investor Loan UPB for the loans in the security with excess contribution percent applied.		Numeric	14.2	17	
XI - 281	Percentage Investor Loan UPB with excess contribution percent	For the stratified attribute, the percentage of the Investor Loan UPB for the loans in the security with excess contribution applied.		Numeric	3.2	6	
XI - 282	Aggregate Loan Count	For the stratified attribute, the total number of loans in the security.		Numeric		9	
XI - 283	Percentage Loan Count	For the stratified attribute, the percentage of loans in the security.		Numeric	3.2	6	
XI - 284	Aggregate Investor Loan UPB	For the stratified attribute, the sum of the Investor Loan UPB for the loans in the security.		Numeric	14.2	17	
XI - 285	Percentage Investor Loan UPB	For the stratified attribute, the percentage of the Investor Loan UPB for the loans in the security.		Numeric	3.2	6	
XI-340	Record Type = 26	Interest Rate Buydown Type		String		2	
XI-341	Trust Identifier	The unique alpha and/or numeric designation assigned to each deal.		String		50	
XI-342	Class Identifier	The unique alpha and/or numeric designation assigned to each sub-deal.		String		5	
XI-343	Issuer	The name of the entity that issued the security.	FNM = Fannie Mae	String		3	
XI-344	CUSIP	The unique designation assigned to the security by the Committee on Uniform Securities Identification Procedures (CUSIP).		String		9	

Xi-345	Security Identifier	The unique designation assigned to the security by the issuer.		String		6		
Xi-346	Interest Rate Buydown Type	An interest rate buydown that temporarily reduces a borrower's monthly payment through a temporary reduction in interest rate.	MT = Moderate / Temporary SE = Significant / Extended O = Other 7 = Not Applicable 9 = Not Available	String		1		
Xi-347	Aggregate Investor Loan UPB with excess contribution percent	For the stratified attribute, the sum of the Investor Loan UPB for the loans in the security with excess contribution percent applied.		Numeric	14.2	17		
Xi-348	Percentage Investor Loan UPB with excess contribution percent	For the stratified attribute, the percentage of the Investor Loan UPB for the loans in the security with excess contribution applied.		Numeric	3.2	6		
Xi-349	Aggregate Loan Count	For the stratified attribute, the total number of loans in the security.		Numeric		9		
Xi-350	Percentage Loan Count	For the stratified attribute, the percentage of loans in the security.		Numeric	3.2	6		
Xi-351	Aggregate Investor Loan UPB	For the stratified attribute, the sum of the Investor Loan UPB for the loans in the security.		Numeric	14.2	17		
Xi-352	Percentage Investor Loan UPB	For the stratified attribute, the percentage of the Investor Loan UPB for the loans in the security.		Numeric	3.2	6		