

Publications

Loan Level Datasets

Public HMDA - LAR Data Fields

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activity_year

• **Description:** The calendar year the data submission covers

activity_year	Value
2017	2017
2018	2018
2019	2019
2020	2020
2021	2021
2022	2022
2023	2023
2024	2024

lei

- **Description:** A financial institution's Legal Entity Identifier
- Values:
 - Varying values

derived_msa-md

- **Description:** The 5 digit derived MSA (metropolitan statistical area) or MD (metropolitan division) code. An MSA/MD is an area that has at least one urbanized area of 50,000 or more populati
- Values:

Varying values

state_code

- **Description:** Two-letter state code
- Values:
 - Varying values

county_code

- **Description:** State-county FIPS code
- Values:
 - Varying values

census_tract

- Description: 11 digit census tract number
- Values:
 - Varying values

derived_loan_product_type

- **Description:** Derived loan product type from Loan Type and Lien Status fields for easier querying of specific records
- Values:
 - Conventional:First Lien
 - o FHA:First Lien
 - o VA:First Lien
 - FSA/RHS:First Lien
 - o Conventional:Subordinate Lien
 - o FHA:Subordinate Lien
 - VA:Subordinate Lien
 - FSA/RHS:Subordinate Lien

derived_dwelling_category

• **Description:** Derived dwelling type from Construction Method and Total Units fields for easier querying of specific records

Values:

- Single Family (1-4 Units):Site-Built
- Multifamily:Site-Built (5+ Units)
- Single Family (1-4 Units):Manufactured
- Multifamily:Manufactured (5+ Units)

conforming_loan_limit

- **Description:** Indicates whether the reported loan amount exceeds the GSE (government sponsored enterprise) conforming loan limit
- Values:
 - C (Conforming)
 - NC (Nonconforming)
 - U (Undetermined)
 - NA (Not Applicable)

derived_ethnicity

- **Description:** Single aggregated ethnicity categorization derived from applicant/borrower and coapplicant/co-borrower ethnicity fields
- Values:
 - Hispanic or Latino
 - Not Hispanic or Latino
 - Joint
 - Ethnicity Not Available
 - Free Form Text Only

derived_race

- **Description:** Single aggregated race categorization derived from applicant/borrower and coapplicant/co-borrower race fields
- Values:
 - o American Indian or Alaska Native
 - Asian
 - o Black or African American

- Native Hawaiian or Other Pacific Islander
- White
- o 2 or more minority races
- Joint
- Free Form Text Only
- Race Not Available

derived_sex

- **Description:** Single aggregated sex categorization derived from applicant/borrower and coapplicant/co-borrower sex fields
- Values:
 - Male
 - Female
 - Joint
 - Sex Not Available

action_taken

- **Description:** The action taken on the covered loan or application
- Values:
 - 1 Loan originated
 - o 2 Application approved but not accepted
 - o 3 Application denied
 - o 4 Application withdrawn by applicant
 - o 5 File closed for incompleteness
 - o 6 Purchased loan
 - o 7 Preapproval request denied
 - o 8 Preapproval request approved but not accepted

purchaser_type

- **Description:** Type of entity purchasing a covered loan from the institution
- Values:
 - o 0 Not applicable
 - o 1 Fannie Mae

- o 2 Ginnie Mae
- o 3 Freddie Mac
- 4 Farmer Mac
- 5 Private securitizer
- o 6 Commercial bank, savings bank, or savings association
- o 71 Credit union, mortgage company, or finance company
- 72 Life insurance company
- 8 Affiliate institution
- o 9 Other type of purchaser

preapproval

- **Description:** Whether the covered loan or application involved a request for a preapproval of a home purchase loan under a preapproval program
- Values:
 - o 1 Preapproval requested
 - o 2 Preapproval not requested

loan_type

- **Description:** The type of covered loan or application
- Values:
 - 1 Conventional (not insured or guaranteed by FHA, VA, RHS, or FSA)
 - 2 Federal Housing Administration insured (FHA)
 - o 3 Veterans Affairs guaranteed (VA)
 - 4 USDA Rural Housing Service or Farm Service Agency guaranteed (RHS or FSA)

loan_purpose

- **Description:** The purpose of covered loan or application
- Values:
 - 1 Home purchase
 - o 2 Home improvement
 - o 31 Refinancing
 - o 32 Cash-out refinancing
 - 4 Other purpose

o 5 - Not applicable

lien_status

- **Description:** Lien status of the property securing the covered loan, or in the case of an application, proposed to secure the covered loan
- Values:
 - o 1 Secured by a first lien
 - o 2 Secured by a subordinate lien

reverse_mortgage

- Description: Whether the covered loan or application is for a reverse mortgage
- Values:
 - o 1 Reverse mortgage
 - o 2 Not a reverse mortgage
 - o 1111 Exempt

open-end_line_of_credit

- **Description:** Whether the covered loan or application is for an open-end line of credit
- Values:
 - o 1 Open-end line of credit
 - 2 Not an open-end line of credit
 - 1111 Exempt

business_or_commercial_purpose

- **Description:** Whether the covered loan or application is primarily for a business or commercial purpose
- Values:
 - 1 Primarily for a business or commercial purpose
 - 2 Not primarily for a business or commercial purpose
 - o 1111 Exempt

loan_amount

- **Description:** The amount of the covered loan, or the amount applied for
- Values:
 - Varying values

combined_loan_to_value_ratio

- **Description:** The ratio of the total amount of debt secured by the property to the value of the property relied on in making the credit decision
- Values:
 - Varying values

interest_rate

- **Description:** The interest rate for the covered loan or application
- Values:
 - Varying values

rate_spread

- **Description:** The difference between the covered loan's annual percentage rate (APR) and the average prime offer rate (APOR) for a comparable transaction as of the date the interest rate is set
- Values:
 - Varying values

hoepa_status

- **Description:** Whether the covered loan is a high-cost mortgage
- Values:
 - 1 High-cost mortgage
 - 2 Not a high-cost mortgage
 - o 3 Not applicable

total_loan_costs

- **Description:** The amount, in dollars, of total loan costs
- Values:
 - Varying values

total_points_and_fees

- **Description:** The total points and fees, in dollars, charged in connection with the covered loan
- Values:
 - Varying values

origination_charges

- **Description:** The total of all itemized amounts, in dollars, that are designated borrower-paid at or before closing
- Values:
 - Varying values

discount_points

- **Description:** The points paid, in dollars, to the creditor to reduce the interest rate
- Values:
 - Varying values

lender_credits

- **Description:** The amount, in dollars, of lender credits
- Values:
 - Varying values

loan_term

- **Description:** The number of months after which the legal obligation will mature or terminate, or would have matured or terminated
- Values:
 - Varying values

prepayment_penalty_term

- **Description:** The term, in months, of any prepayment penalty
- Values:
 - Varying values

intro_rate_period

- **Description:** The number of months, or proposed number of months in the case of an application, until the first date the interest rate may change after closing or account opening
- Values:
 - Varying values

negative_amortization

- **Description:** Whether the contractual terms include, or would have included, a term that would cause the covered loan to be a negative amortization loan
- Values:
 - 1 Negative amortization
 - o 2 No negative amortization
 - o 1111 Exempt

interest_only_payment

- Description: Whether the contractual terms include, or would have included, interest-only payments
- Values:
 - o 1 Interest-only payments
 - 2 No interest-only payments
 - 1111 Exempt

balloon_payment

- **Description:** Whether the contractual terms include, or would have included, a balloon payment
- Values:
 - 1 Balloon payment
 - 2 No balloon payment
 - o 1111 Exempt

other_nonamortizing_features

• **Description:** Whether the contractual terms include, or would have included, any term, other than those described in Paragraphs 1003.4(a)(27)(i), (ii), and (iii) that would allow for payments c than fully amortizing payments during the loan term

• Values:

- 1 Other non-fully amortizing features
- o 2 No other non-fully amortizing features
- o 1111 Exempt

property_value

• **Description:** The value of the property securing the covered loan or, in the case of an application, proposed to secure the covered loan, relied on in making the credit decision

Values:

 Varying values; Rounded to the midpoint of the nearest \$10,000 interval for which the reported value falls

construction_method

- **Description:** Construction method for the dwelling
- Values:
 - o 1 Site-built
 - 2 Manufactured home

occupancy_type

- **Description:** Occupancy type for the dwelling
- Values:
 - o 1 Principal residence
 - 2 Second residence
 - o 3 Investment property

manufactured_home_secured_property_type

• **Description:** Whether the covered loan or application is, or would have been, secured by a manufactured home and land, or by a manufactured home and not land

Values:

- 1 Manufactured home and land
- o 2 Manufactured home and not land
- o 3 Not applicable
- o 1111 Exempt

manufactured_home_land_property_interest

- **Description:** The applicant's or borrower's land property interest in the land on which a manufactured home is, or will be, located
- Values:
 - o 1 Direct ownership
 - o 2 Indirect ownership
 - o 3 Paid leasehold
 - o 4 Unpaid leasehold
 - 5 Not applicable
 - o 1111 Exempt

total_units

- **Description:** The number of individual dwelling units related to the property securing the covered loan or, in the case of an application, proposed to secure the covered loan
- Values:
 - 1
 - 0 2
 - 0 3
 - 0 4
 - o 5-24
 - 0 25-49
 - o 50-99
 - o 100-149
 - o >149

ageapplicant

- **Description:** The age of the applicant
- Values:
 - o <25
 - o 25-34
 - 0 35-44
 - o 45-54
 - o 55-64

- o 65-74
- o >74
- 0 8888

multifamily_affordable_units

- **Description:** Reported values as a percentage, rounded to the nearest whole number, of the value reported for Total Units
- Values:
 - Varying values

income

- **Description:** The gross annual income, in thousands of dollars, relied on in making the credit decision, or if a credit decision was not made, the gross annual income relied on in processing the application
- Values:
 - Varying values

debt_to_income_ratio

- **Description:** The ratio, as a percentage, of the applicant's or borrower's total monthly debt to the total monthly income relied on in making the credit decision
- Varying values; Ratios binned are:
 - o <20%
 - o 20%-<30%
 - 0 30%-<36%
 - o 37%
 - o 38%
 - o 39%
 - o 40%
 - o 41%
 - o 42%
 - o 43%
 - o 44%
 - o 45%
 - o 46%

- o 47%
- o 48%
- 0 49%
- o 50%-60%
- o >60%
- NA
- Exempt

applicant_credit_score_type

- **Description:** The name and version of the credit scoring model used to generate the credit score, or scores, relied on in making the credit decision
- Values:
 - o 1 Equifax Beacon 5.0
 - o 2 Experian Fair Isaac
 - o 3 FICO Risk Score Classic 04
 - o 4 FICO Risk Score Classic 98
 - o 5 VantageScore 2.0
 - o 6 VantageScore 3.0
 - 7 More than one credit scoring model
 - 8 Other credit scoring model
 - 9 Not applicable
 - o 1111 Exempt

co-applicant_credit_score_type

- **Description:** The name and version of the credit scoring model used to generate the credit score, or scores, relied on in making the credit decision
- Values:
 - 1 Equifax Beacon 5.0
 - o 2 Experian Fair Isaac
 - o 3 FICO Risk Score Classic 04
 - o 4 FICO Risk Score Classic 98
 - 5 VantageScore 2.0
 - 6 VantageScore 3.0
 - 7 More than one credit scoring model

- 8 Other credit scoring model
- o 9 Not applicable
- o 10 No co-applicant
- o 1111 Exempt

applicant_ethnicity-1

- Description: Ethnicity of the applicant or borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - 13 Cuban
 - 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino
 - o 3 Information not provided by applicant in mail, internet, or telephone application
 - o 4 Not applicable

applicant_ethnicity-2

- Description: Ethnicity of the applicant or borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - 13 Cuban
 - 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

applicant_ethnicity-3

- **Description:** Ethnicity of the applicant or borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican

- o 13 Cuban
- o 14 Other Hispanic or Latino
- o 2 Not Hispanic or Latino

applicant_ethnicity-4

- **Description:** Ethnicity of the applicant or borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - o 13 Cuban
 - o 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

applicant_ethnicity-5

- Description: Ethnicity of the applicant or borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - 13 Cuban
 - 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

co-applicant_ethnicity-1

- **Description:** Ethnicity of the first co-applicant or co-borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - 13 Cuban
 - o 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

- o 3 Information not provided by applicant in mail, internet, or telephone application
- 4 Not applicable
- ∘ 5 No co-applicant

co-applicant_ethnicity-2

- **Description:** Ethnicity of the first co-applicant or co-borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - o 13 Cuban
 - o 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

co-applicant_ethnicity-3

- Description: Ethnicity of the first co-applicant or co-borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - 13 Cuban
 - 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

co-applicant_ethnicity-4

- **Description:** Ethnicity of the first co-applicant or co-borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - 13 Cuban
 - o 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

co-applicant_ethnicity-5

- Description: Ethnicity of the first co-applicant or co-borrower
- Values:
 - o 1 Hispanic or Latino
 - o 11 Mexican
 - o 12 Puerto Rican
 - o 13 Cuban
 - 14 Other Hispanic or Latino
 - o 2 Not Hispanic or Latino

applicant_ethnicity_observed

- **Description:** Whether the ethnicity of the applicant or borrower was collected on the basis of visual observation or surname
- Values:
 - 1 Collected on the basis of visual observation or surname
 - o 2 Not collected on the basis of visual observation or surname
 - o 3 Not applicable

co-applicant_ethnicity_observed

- **Description:** Whether the ethnicity of the first co-applicant or co-borrower was collected on the basis of visual observation or surname
- Values:
 - 1 Collected on the basis of visual observation or surname
 - o 2 Not collected on the basis of visual observation or surname
 - 3 Not applicable
 - 4 No co-applicant

applicant_race-1

- **Description:** Race of the applicant or borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian

- o 22 Chinese
- o 23 Filipino
- o 24 Japanese
- o 25 Korean
- o 26 Vietnamese
- o 27 Other Asian
- o 3 Black or African American
- 4 Native Hawaiian or Other Pacific Islander
- o 41 Native Hawaiian
- 42 Guamanian or Chamorro
- o 43 Samoan
- 44 Other Pacific Islander
- o 5 White
- o 6 Information not provided by applicant in mail, internet, or telephone application
- o 7 Not applicable

applicant_race-2

- **Description:** Race of the applicant or borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese
 - o 27 Other Asian
 - o 3 Black or African American
 - o 4 Native Hawaiian or Other Pacific Islander
 - o 41 Native Hawaiian
 - o 42 Guamanian or Chamorro
 - o 43 Samoan
 - o 44 Other Pacific Islander

o 5 - White

applicant_race-3

- Description: Race of the applicant or borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese
 - o 27 Other Asian
 - o 3 Black or African American
 - o 4 Native Hawaiian or Other Pacific Islander
 - o 41 Native Hawaiian
 - o 42 Guamanian or Chamorro
 - o 43 Samoan
 - o 44 Other Pacific Islander
 - o 5 White

applicant_race-4

- **Description:** Race of the applicant or borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese

- o 27 Other Asian
- o 3 Black or African American
- 4 Native Hawaiian or Other Pacific Islander
- o 41 Native Hawaiian
- 42 Guamanian or Chamorro
- o 43 Samoan
- o 44 Other Pacific Islander
- o 5 White

applicant_race-5

- **Description:** Race of the applicant or borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese
 - o 27 Other Asian
 - o 3 Black or African American
 - o 4 Native Hawaiian or Other Pacific Islander
 - o 41 Native Hawaiian
 - o 42 Guamanian or Chamorro
 - o 43 Samoan
 - o 44 Other Pacific Islander
 - o 5 White

co-applicant_race-1

- Description: Race of the first co-applicant or co-borrower
- Values:
 - o 1 American Indian or Alaska Native

- o 2 Asian
- o 21 Asian Indian
- o 22 Chinese
- o 23 Filipino
- o 24 Japanese
- o 25 Korean
- o 26 Vietnamese
- o 27 Other Asian
- o 3 Black or African American
- 4 Native Hawaiian or Other Pacific Islander
- o 41 Native Hawaiian
- 42 Guamanian or Chamorro
- o 43 Samoan
- o 44 Other Pacific Islander
- o 5 White
- o 6 Information not provided by applicant in mail, internet, or telephone application
- o 7 Not applicable
- o 8 No co-applicant

co-applicant_race-2

- **Description:** Race of the first co-applicant or co-borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese
 - o 27 Other Asian
 - o 3 Black or African American
 - o 4 Native Hawaiian or Other Pacific Islander
 - 41 Native Hawaiian

- o 42 Guamanian or Chamorro
- o 43 Samoan
- o 44 Other Pacific Islander
- o 5 White

co-applicant_race-3

- **Description:** Race of the first co-applicant or co-borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese
 - o 27 Other Asian
 - o 3 Black or African American
 - o 4 Native Hawaiian or Other Pacific Islander
 - o 41 Native Hawaiian
 - o 42 Guamanian or Chamorro
 - o 43 Samoan
 - o 44 Other Pacific Islander
 - o 5 White

co-applicant_race-4

- **Description:** Race of the first co-applicant or co-borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino

- o 24 Japanese
- o 25 Korean
- 26 Vietnamese
- o 27 Other Asian
- o 3 Black or African American
- o 4 Native Hawaiian or Other Pacific Islander
- o 41 Native Hawaiian
- 42 Guamanian or Chamorro
- o 43 Samoan
- 44 Other Pacific Islander
- o 5 White

co-applicant_race-5

- **Description:** Race of the first co-applicant or co-borrower
- Values:
 - o 1 American Indian or Alaska Native
 - o 2 Asian
 - o 21 Asian Indian
 - o 22 Chinese
 - o 23 Filipino
 - o 24 Japanese
 - o 25 Korean
 - o 26 Vietnamese
 - o 27 Other Asian
 - o 3 Black or African American
 - o 4 Native Hawaiian or Other Pacific Islander
 - o 41 Native Hawaiian
 - 42 Guamanian or Chamorro
 - o 43 Samoan
 - o 44 Other Pacific Islander
 - o 5 White

applicant_race_observed

• **Description:** Whether the race of the applicant or borrower was collected on the basis of visual observation or surname

Values:

- 1 Collected on the basis of visual observation or surname
- o 2 Not collected on the basis of visual observation or surname
- o 3 Not applicable

co-applicant_race_observed

- **Description:** Whether the race of the first co-applicant or co-borrower was collected on the basis of visual observation or surname
- Values:
 - 1 Collected on the basis of visual observation or surname
 - o 2 Not collected on the basis of visual observation or surname
 - 3 Not applicable
 - 4 No co-applicant

applicant_sex

- **Description:** Sex of the applicant or borrower
- Values:
 - o 1-Male
 - o 2 Female
 - o 3 Information not provided by applicant in mail, internet, or telephone application
 - 4 Not applicable
 - o 6 Applicant selected both male and female

co-applicant_sex

- **Description:** Sex of the first co-applicant or co-borrower
- Values:
 - o 1-Male
 - o 2 Female
 - o 3 Information not provided by applicant in mail, internet, or telephone application
 - 4 Not applicable
 - o 5 No co-applicant

• 6 - Co-applicant selected both male and female

applicant_sex_observed

- **Description:** Whether the sex of the applicant or borrower was collected on the basis of visual observation or surname
- Values:
 - 1 Collected on the basis of visual observation or surname
 - o 2 Not collected on the basis of visual observation or surname
 - o 3 Not applicable

co-applicant_sex_observed

- **Description:** Whether the sex of the first co-applicant or co-borrower was collected on the basis of visual observation or surname
- Values:
 - o 1 Collected on the basis of visual observation or surname
 - o 2 Not collected on the basis of visual observation or surname
 - o 3 Not applicable
 - 4 No co-applicant

applicant_age_above_62

- **Description:** Whether the applicant or borrower age is 62 or above
- Values:
 - Yes
 - No
 - NA

co-applicant_age

- **Description:** The age, in years, of the first co-applicant or co-borrower
- Varying values; Ages binned are:
 - 0 < 25
 - o 25-34
 - 0 35-44
 - o 45-54

- o 55-64
- o 65-74
- 0 > 74
- 0 8888
- 0 9999

co-applicant_age_above_62

- **Description:** Whether the co-applicant or co-borrower age is 62 or above
- Values:
 - Yes
 - No
 - NA

submission_of_application

- **Description:** Whether the applicant or borrower submitted the application directly to the financial institution
- Values:
 - 1 Submitted directly to your institution
 - 2 Not submitted directly to your institution
 - o 3 Not applicable
 - o 1111 Exempt

initially_payable_to_institution

- **Description:** Whether the obligation arising from the covered loan was, or, in the case of an application, would have been, initially payable to the financial institution
- Values:
 - 1 Initially payable to your institution
 - o 2 Not initially payable to your institution
 - 3 Not applicable
 - o 1111 Exempt

aus-1

- **Description:** The automated underwriting system(s) (AUS) used by the financial institution to evaluate the application
- Values:
 - 1 Desktop Underwriter (DU)
 - o 2 Loan Prospector (LP) or Loan Product Advisor
 - 3 Technology Open to Approved Lenders (TOTAL) Scorecard
 - 4 Guaranteed Underwriting System (GUS)
 - o 5 Other
 - o 6 Not applicable
 - o 7 Internal Proprietary System
 - o 1111 Exempt

aus-2

- **Description:** The automated underwriting system(s) (AUS) used by the financial institution to evaluate the application
- Values:
 - 1 Desktop Underwriter (DU)
 - o 2 Loan Prospector (LP) or Loan Product Advisor
 - o 3 Technology Open to Approved Lenders (TOTAL) Scorecard
 - 4 Guaranteed Underwriting System (GUS)
 - o 5 Other
 - 7 Internal Proprietary System

aus-3

- **Description:** The automated underwriting system(s) (AUS) used by the financial institution to evaluate the application
- Values:
 - 1 Desktop Underwriter (DU)
 - 2 Loan Prospector (LP) or Loan Product Advisor
 - o 3 Technology Open to Approved Lenders (TOTAL) Scorecard
 - 4 Guaranteed Underwriting System (GUS)
 - o 7 Internal Proprietary System

aus-4

- **Description:** The automated underwriting system(s) (AUS) used by the financial institution to evaluate the application
- Values:
 - 1 Desktop Underwriter (DU)
 - o 2 Loan Prospector (LP) or Loan Product Advisor
 - o 3 Technology Open to Approved Lenders (TOTAL) Scorecard
 - 4 Guaranteed Underwriting System (GUS)
 - o 7 Internal Proprietary System

aus-5

- **Description:** The automated underwriting system(s) (AUS) used by the financial institution to evaluate the application
- Values:
 - 1 Desktop Underwriter (DU)
 - o 2 Loan Prospector (LP) or Loan Product Advisor
 - o 3 Technology Open to Approved Lenders (TOTAL) Scorecard
 - 4 Guaranteed Underwriting System (GUS)
 - o 7 Internal Proprietary System

denial_reason-1

- Description: The principal reason, or reasons, for denial
- Values:
 - o 1 Debt-to-income ratio
 - 2 Employment history
 - o 3 Credit history
 - o 4 Collateral
 - 5 Insufficient cash (downpayment, closing costs)
 - o 6 Unverifiable information
 - 7 Credit application incomplete
 - 8 Mortgage insurance denied
 - o 9 Other
 - 10 Not applicable

denial_reason-2

- **Description:** The principal reason, or reasons, for denial
- Values:
 - o 1 Debt-to-income ratio
 - o 2 Employment history
 - o 3 Credit history
 - 4 Collateral
 - 5 Insufficient cash (downpayment, closing costs)
 - o 6 Unverifiable information
 - o 7 Credit application incomplete
 - o 8 Mortgage insurance denied
 - o 9 Other

denial_reason-3

- **Description:** The principal reason, or reasons, for denial
- Values:
 - o 1 Debt-to-income ratio
 - o 2 Employment history
 - o 3 Credit history
 - 4 Collateral
 - 5 Insufficient cash (downpayment, closing costs)
 - o 6 Unverifiable information
 - 7 Credit application incomplete
 - o 8 Mortgage insurance denied
 - o 9 Other

denial_reason-4

- **Description:** The principal reason, or reasons, for denial
- Values:
 - o 1 Debt-to-income ratio
 - o 2 Employment history
 - o 3 Credit history
 - o 4 Collateral
 - 5 Insufficient cash (downpayment, closing costs)
 - o 6 Unverifiable information

- 7 Credit application incomplete
- 8 Mortgage insurance denied
- o 9 Other

Census fields produced by the U.S. Census Bureau and appended to public HMDA Data

tract_population

- **Description:** Total population in tract
- Values:
 - Varying values

tract_minority_population_percent

- **Description:** Percentage of minority population to total population for tract, rounded to two decimal places
- Values:
 - Varying values

ffiec_msa_md_median_family_income

- **Description:** FFIEC Median family income in dollars for the MSA/MD in which the tract is located (adjusted annually by FFIEC)
- Values:
 - Varying values

tract_to_msa_income_percentage

- Description: Percentage of tract median family income compared to MSA/MD median family income
- Values:
 - Varying values

tract_owner_occupied_units

- **Description:** Number of dwellings, including individual condominiums, that are lived in by the owner
- Values:
 - Varying values

tract_one_to_four_family_homes

- **Description:** Dwellings that are built to houses with fewer than 5 families
- Values:
 - Varying values

tract_median_age_of_housing_units

- **Description:** Tract median age of homes
- Values:
 - Varying values

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