# FannieMae 

## Fannie Mae

Issuer

## Connecticut Avenue Securities Series 2013-C01

> \$675,000,000 (Approximate)

## Preliminary Term Sheet

October 10, 2013

Wells Fargo Bank, N.A.
Global Agent


#### Abstract

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Bank of America
Merrill Lynch
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Class M-1 and Class M-2 Offered Notes: $\mathbf{\$ 6 7 5 , 0 0 0 , 0 0 0}$ (Approximate)

| Class | Approximate Class Principal Balance or Notional Amount (\$) ${ }^{(1)}$ | Expected Credit Support (\%) | Interest $\text { Rate }^{(2)}$ | $\begin{aligned} & \text { Expected } \\ & \text { Fitch } \\ & \text { Rating } \\ & \hline \end{aligned}$ | $\begin{gathered} \text { Expected } \\ \text { WAL } \\ (\mathrm{yrs})^{\mathbf{( 1 )}} \\ \hline \end{gathered}$ | Principal Payment Window $(\operatorname{mos})^{(1)}$ | Interest Accrual Basis | Final Maturity Date ${ }^{(3)}$ | Class Type |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| A-H ${ }^{(4)}$ | 25,953,684,593 | 3.00 | Reference Tranche Only |  |  |  |  |  | Senior |
| $\mathrm{M}-1^{(5)}$ | 337,500,000 | 1.65 | $1 \mathrm{~mL}+[] \%$ | [BBB-] | 2.18 | 1-57 | Actual/360 | 10/25/2023 | Mezzanine |
| M-14 ${ }^{(4)}$ | 23,711,074 | 1.65 | Reference Tranche Only |  |  |  |  |  | Mezzanine |
| M-2 ${ }^{(5)}$ | 337,500,000 | 0.30 | $1 \mathrm{~mL}+[$ ] | N/A | 8.20 | 57-120 | Actual/360 | 10/25/2023 | Mezzanine |
| M-2 $\mathrm{H}^{(4)}$ | 23,711,074 | 0.30 | Reference Tranche Only |  |  |  |  |  | Mezzanine |
| B- $\mathrm{H}^{(4)}$ | 80,269,128 | 0.00 | Reference Tranche Only |  |  |  |  |  | Subordinate |

Information is preliminary and subject to final collateral and legal review. The analyses, calculations and valuations herein are based on certain assumptions and data provided by third parties that may vary from the actual characteristics of the final collateral. Investors should rely on the information contained in the final prospectus.
(1) The principal amounts and notional amounts presented in this term sheet are approximate and subject to a $+/-5 \%$ variance. Weighted average lives and principal windows with respect to the Offered Notes assume prepayments occur at the pricing speed of $10 \%$ CPR, calculated from the Closing Date, assuming the Offered Notes pay on the $25^{\text {th }}$ of each month beginning in November 2013 and the Offered Notes are redeemed on the Final Maturity Date.
(2) Each Class of Offered Notes will be sold at price of par.
(3) The Maturity Date of the Offered Notes is October 2023. However, the Issuer may redeem the Notes prior to the Maturity Date on any Payment Date when the aggregate unpaid balance of the Reference Obligations is $10 \%$ or less of the Cut-off Date Balance of the Reference Obligations.
(4) The Class A-H Reference Tranche, Class M-1H Reference Tranche, Class M-2H Reference Tranche and the Class B-H Reference Tranche will not have corresponding Notes and will be referenced only in connection with making calculations of principal payments required to be made by Fannie Mae and reductions and increases in the principal amounts of the Notes.
(5) The Class M-1 Notes and Class M-2 Notes will have corresponding Reference Tranches for the purpose of making calculations of principal payments required to be made by Fannie Mae and reductions and increases in the principal amounts of the Notes.

## Bank of America <br> Merrill Lynch

## Transaction Overview

The Connecticut Avenue Securities Series 2013-C01 (the "Notes"), will be unsecured general obligations of Fannie Mae or the "Issuer", which are also subject to the credit and principal payment risk of a certain pool of residential mortgage loans (the "Reference Obligations") held in various Fannie Mae guaranteed MBS. The actual cash flows from the Reference Obligations will never be paid to the holders of the Notes. Fannie Mae will make monthly payments of accrued interest and periodic payments of principal to the holders of the Notes. The Notes will be issued at par, will be uncapped LIBOR based floaters and will have 10 year legal final maturities.

The transaction is structured to provide credit protection to Fannie Mae with respect to Reference Obligations that become 180 days or more delinquent or as to which certain other credit events occur. This credit protection is achieved by allowing Fannie Mae to reduce the outstanding class principal balances of the Notes related to the designated credit events on the Reference Obligations. The class principal balances of the Notes will be reduced by pre-defined, tiered severity percentages as the Reference Obligations experience designated credit events.

Although the Notes will be unsecured general obligations of Fannie Mae, and Fannie Mae alone will make all of the principal and interest payments on the Notes, the transaction has been structured so that the capital structure and cash flow allocations relative to principal payments of the Notes are reflective of private label senior/subordinate residential mortgage backed securities ("RMBS"). Accordingly, subordinate interests will not receive allocations in respect of unscheduled principal unless a target credit enhancement percentage has been maintained. However, unlike securities in some senior/subordinate private label residential mortgage-backed securitizations, the principal payments required to be paid by Fannie Mae on the Notes will be based in part on the principal that is actually collected on the Reference Obligations, rather than on the entire amount of scheduled payments due on the Reference Obligations as further described herein.


Note: Tranches labeled " H " are not issued or sold; risk retained by Fannie Mae

Issuer

Title of Series
Fannie Mae
Connecticut Avenue Securities (CAS) Series 2013-C01

Global Agent

Master Servicer
Lead Managers and
Joint Boookrunners

Co-Managers

## Cut-off Date

## Closing Date

Payment Date

## Accrual Period

Note Rate

Legal Status

The Notes

## Reference Tranches

Wells Fargo Bank, N.A., as the Global Agent of Fannie Mae, will perform certain reporting and administrative functions with respect to the Notes, including calculating payments on the Notes. Fees and expenses of the Global Agent will be paid by the Issuer.

Fannie Mae

Merrill Lynch, Pierce, Fenner \& Smith, Incorporated (Structuring Lead) and Credit Suisse Securities (USA) LLC

RBS Securities Inc., Barclays Capital and Morgan Stanley.
For this term sheet and for the prospectus, August $31^{\text {st }}, 2013$; and for the Series 2013-C01 transaction, the close of business on September 30 ${ }^{\text {th }}, 2013$.

On or about October 24, 2013.
The $25^{\text {th }}$ day of each calendar month (or, if not a business day, the following business day), commencing in November 2013.

With respect to each Payment Date, the period beginning on and including the prior Payment Date (or, in the case of the first Payment Date, the Closing Date) and ending on and including the day preceding such Payment Date. Interest will be calculated based on the actual number of days in an Accrual Period and a 360-day year.

The Note Rate on each class of Notes for any Accrual Period will be equal to the floating per annum rate specified for such class as set forth in this term sheet.

The Notes will be unsecured general obligations having the same priority as all of Fannie Mae's other unsecured debt. The United States does not guarantee the Notes or any interest or return of discount on the Notes. The Notes are not debts or obligations of the United States or any agency or instrumentality of the United States other than Fannie Mae.

The Class M-1 Notes and the Class M-2 Notes, which will receive principal payments and be allocated reductions and increases in Class Principal Balance in accordance with such allocations to the Class M-1 Reference Tranche and Class M-2 Reference Tranche, respectively.

The Class A-H Reference Tranche, Class M-1 Reference Tranche, Class M-1H Reference Tranche, Class M-2 Reference Tranche, Class M-2H Reference Tranche and Class B-H Reference Tranche, which are described solely for the purpose of calculating principal payments required to be made on the Notes by Fannie Mae and any reductions or increases of principal on the Notes as a result of Credit Events on the Reference Obligations. Only the Class M-1 Reference Tranche and Class M-2 Reference Tranche will have corresponding Classes of Notes on the Closing Date.

## Senior Reference Tranche <br> Mezzanine Reference Tranches

## Subordinate Reference <br> Tranches

Class Notional Amount

Settlement

## Form of Offering

## Ratings/Rating Agencies

## Maturity Date

## Early Redemption Option

## Termination Date

This transaction will terminate and the Notes will no longer be outstanding upon the date which is the earlier of:

[^0]The Class A-H Reference Tranche

The Class M-1 Reference Tranche, Class M-1H Reference Tranche, Class M-2 Reference Tranche, and the Class M-2H Reference Tranche.

The Mezzanine Reference Tranches and the Class B-H Reference Tranche.

As of any Payment Date and with respect to each Class of Reference Tranche, a notional amount equal to the initial Class Notional Amount of such Class of Reference Tranche, minus the aggregate amount of Senior Reduction Amounts or Subordinate Reduction Amounts allocated to such Class of Reference Tranche on such Payment Date and all prior Payment Dates, minus the aggregate amount of Calculated Tranche Write-down Amounts allocated to reduce the Class Notional Amount of such Class of Reference Tranche on such Payment Date and on all prior Payment Dates, and plus the aggregate amount of Calculated Tranche Write-up Amounts allocated to increase the Class Notional Amount of such Class of Reference Tranche on such Payment Date and on all prior Payment Dates. For the avoidance of doubt, no Calculated Tranche Writeup Amount or Calculated Tranche Write-down Amount will be applied twice on the same Payment Date.

The Notes will settle with no accrued interest.

Exempt from registration with the SEC under the Securities Act. The Offered Certificates are being offered only to "Qualified Institutional Buyers" (as defined in Rule 144A under the Securities Act).

The Issuer has engaged Fitch Ratings to rate the Class M-1 Notes on the Closing Date. No rating agency has been engaged to rate the Class M-2 Notes on the Closing Date.

On the Payment Date in October 2023, the Issuer will be obligated to retire the Notes by paying an amount equal to their full remaining Class Principal Balance, plus accrued and unpaid interest. However, the actual final Payment Date could be earlier, including (a) the Payment Date on which an Early Redemption option is exercised or (b) the Payment Date on which the aggregate Class Principal Balance of all outstanding Classes of Notes becomes equal to zero.

The Issuer may redeem the Notes prior to the Maturity Date on any Payment Date (the "Early Redemption Date") on or after the Payment Date on which the aggregate unpaid balance of the Reference Obligations is less than or equal to $10 \%$ of the Cut-off Date Balance of the Reference Obligations, by paying an amount equal to the outstanding Class Principal Balance of each Class of Notes, plus accrued and unpaid interest.

## Expected Credit <br> Enhancement

## Risk Retention

## Notes Acquired by Fannie Mae

(3) the Payment Date on which the aggregate initial Class Principal Balance (without giving effect to any allocations of Calculated Tranche Write-down Amounts or Calculated Tranche Write-up Amounts on such Payment Date and all prior Payment Dates) and accrued and unpaid interest due on the Class M-1 and Class M-2 Notes have been paid in full.

| Certificates | Tranche <br> Size | Initial Credit <br> Enhancement |
| :--- | :---: | :---: |
| Class A | $97.00 \%$ | $3.00 \%$ |
| Class M-1 and Class M-1H | $1.35 \%$ | $1.65 \%$ |
| Class M-2 and Class M-2H | $1.35 \%$ | $0.30 \%$ |
| Class B-H | $0.30 \%$ | $0.00 \%$ |

The Subordinate Reference Tranches are subordinate to, and provide credit enhancement for, the Senior Reference Tranche and for each Class of more senior Subordinate Reference Tranche.

The Issuer will retain the risk of losses on the Reference Obligations in the Reference Pool that are allocable to the Class A-H Reference Tranche, Class M1H Reference Tranche, Class M-2H Reference Tranche and Class B-H Reference Tranche as described herein. In this transaction, the Class M-1H Reference Tranche will represent no less than 5\% of the combined initial Class Notional Amount of Class M-1 Reference Tranche and Class M-1H Reference Tranche, and Class M-2H Reference Tranche will represent no less than 5\% of the combined initial Class Notional Amount of Class M-2 Reference Tranche and Class M-2H Reference Tranche. Fannie Mae does not intend, through this transaction or any subsequent transactions, to enter into agreements that transfer or hedge more than a $95 \%$ pro-rata share of the credit risk on (i) the Class A-H Reference Tranche, (ii) the Class M-1 and Class M-1H Reference Tranches (in aggregate) or (iii) the Class M-2 and Class M-2H Reference Tranches (in aggregate) or that transfer or hedge any of the Class B-H Reference Tranche.

Fannie Mae may from time to time acquire some of the Notes at any price in the open market or otherwise.

## STRUCTURAL FEATURES

Credit Loss Framework

## Credit Event

## Reference Obligation

Reporting Period

Credit Event UPB

## Credit Event Amount

## Cumulative Net

## Credit Event

 Percentage
## Applicable Severity

With respect to each Payment Date, any Reference Obligation in the Reference Pool where a Credit Event has occurred with respect to such Reference Obligation and is reported during the related Reporting Period. Credit Event means any of the following events:
(i) 180 or more days delinquent (regardless of any grant of forbearance),
(ii) a short sale is settled,
(iii) the related Mortgage Note is sold to a third party during the foreclosure process,
(iv) a deed in lieu of foreclosure is executed, or
(v) an REO acquisition occurs.

Determination of delinquency will be made using the "MBA delinquency method." Under the MBA delinquency method, a loan due on the first of the month is considered 30 days delinquent when all or part of one or more payments remains unpaid as of close of business on the last Business Day of the month.

For the avoidance of doubt, with respect to any Credit Event Reference Obligation, there can only be one occurrence of a Credit Event.

The second calendar month preceding the month of each Payment Date. The delinquency status of each Reference Obligation will be determined as of the close of business on the last day of the related Reporting Period.

With respect to each Credit Event Reference Obligation, the unpaid principal balance of such Reference Obligation as of the end of the Reporting Period related to the Payment Date that it became a Credit Event Reference Obligation.

With respect to any Payment Date, the aggregate amount of the Credit Event UPB of all Credit Event Reference Obligations for the related Reporting Period.

With respect to each Payment Date, a percentage equal to (i) the Credit Event Amount for such Payment Date and all prior Payment Dates less the aggregate Reversed Credit Event Amount for such Payment Date and all prior Payment Dates; divided by (ii) the aggregate unpaid principal balance of the Reference Obligations in the Reference Pool as of the Cut-off Date.

With respect to each Payment Date, the fixed severity percentages indicated in the table below with respect to the Cumulative Net Credit Event Percentage for such Payment Date and as further described in the prospectus. For any Payment Date where the Net Credit Event Amount for such Payment Date is sufficient to increase or decrease the Cumulative Net Credit Event Percentage to a higher or lower tier, the Applicable Severity for that Payment Date will be the blended severity rate as further described in the prospectus.

Cumulative Net Credit
Event Percentages
Less than or equal to $1.00 \%$
Applicable Severity
$10 \%$
Greater than $1.00 \%$ and less than or equal to $2.00 \% \quad 20 \%$
Greater than $2.00 \% \quad 40 \%$

## Principal and <br> Loss Allocation

## Senior Percentage

## Subordinate Percentage

## Scheduled Principal

## Unscheduled Principal

With respect to each Payment Date, the percentage equivalent of a fraction, the numerator of which is the Class Notional Amount of the Senior Reference Tranche immediately prior to such Payment Date and the denominator of which is the aggregate unpaid principal balance of the Reference Obligations in the Reference Pool at the end of the previous Reporting Period.

With respect to each Payment Date, $100 \%$ minus the Senior Percentage for such Payment Date.

With respect to each Payment Date is the sum of all monthly scheduled payments of principal on the Reference Obligations that were collected by the related servicer during the related Reporting Period as reported to Fannie Mae. Once a Reference Obligation is removed from the related MBS, all subsequent principal collections will be treated as Unscheduled Principal.

With respect to each Payment Date, the sum of:
(a) all partial principal prepayments on the Reference Obligations in the Reference Pool collected during the related Reporting Period, plus
(b) the aggregate unpaid principal balance of all Reference Pool Removals (excluding Credit Event Reference Obligations) for such Payment Date, plus
(c) negative adjustments in the unpaid principal balance of all Reference Obligations as the result of loan modification or data corrections, plus
(d) all scheduled principal collections, if any, for any Reference Obligations that have been removed from their related MBS, minus
(e) positive adjustments in the unpaid principal balances of all Reference Obligations as the result of loan modifications, reinstatements due to error, or data corrections.

In the event (e) above exceeds the sum of (a), (b), (c) and (d), the Unscheduled Principal Amount for such Payment Date will be zero, and the Class A-H Notional Amount will be increased by the amount that (e) exceeds the sum of (a), (b), (c) and (d). In the event that Fannie Mae ever employs a policy that permits or requires principal forgiveness as a loss mitigation alternative, any principal that is forgiven with respect to a Reference Obligation will be treated as a negative adjustment in unpaid principal balance of such Reference Obligation pursuant to clause (c) above.

## Calculated Recovery Principal <br> Bank of America Merrill Lynch

With respect to each Payment Date, the sum of:
(a) the Credit Event Amount for such Payment Date minus the Calculated Tranche Write-Down Amount for such Payment Date; and
(b) the Calculated Tranche Write-up Amount for such Payment Date.

## Minimum Credit <br> Enhancement Test

Senior Reduction Amount

## Subordinate Reduction Amount

## Allocation of Senior

 Reduction Amount
## Allocation of Subordinate Reduction Amount

With respect to each Payment Date, a test that will be satisfied if the Subordinate Percentage is greater than or equal to $3 \%$.

With respect to each Payment Date, if the Minimum Credit Enhancement Test is not satisfied, the sum of:
(a) the Senior Percentage of the Scheduled Principal for such Payment Date;
(b) $100 \%$ of the Unscheduled Principal for such Payment Date; and
(c) $100 \%$ of Calculated Recovery Principal for such Payment Date.

With respect to each Payment Date, if the Minimum Credit Enhancement Test is satisfied, the sum of:
(a) the Senior Percentage of the Scheduled Principal for such Payment Date;
(b) the Senior Percentage of the Unscheduled Principal for such Payment Date; and
(c) $100 \%$ of the Calculated Recovery Principal for such Payment Date.

With respect to each Payment Date, the sum of the Scheduled Principal, Unscheduled Principal and Calculated Recovery Principal for such Payment Date, less the Senior Reduction Amount.

On each Payment Date prior to the Maturity Date and the Early Redemption Date, the Senior Reduction Amount will be allocated to the Senior Reference Tranche until its Class Notional Amount is reduced to zero, and then to the Subordinate Reference Tranches, in order of seniority per Allocation of Subordinate Reduction Amount.

On each Payment Date prior to the Maturity Date and the Early Redemption Date, the Subordinate Reduction Amount will be allocated to the Subordinate Reference Tranches:
(i) first, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class M-1 and Class M1-H Reference Tranches until their Class Notional Amounts have been reduced to zero;
(ii) second, concurrently, on a pro rata basis based on their Class Notional Amounts, to the Class M-2 and Class M2-H Reference Tranches until their Class Notional Amounts have been reduced to zero; and
(iii) third, to the Class B-H Reference Tranche until its Class Notional Amount has been reduced to zero.

Any Subordinate Reduction Amount remaining after the allocation in the immediately preceding sentence will be allocated to reduce the Class Notional Amount of the Class A-H Reference Tranche.

## Calculated Tranche Write-down Amount

## Calculated Tranche

 Write-up Amount
## Allocation of Calculated

 Tranche Write-down AmountsBecause the Class M-1 and Class M-2 Notes correspond to the Class M-1 and Class M-2 Reference Tranches, respectively, any portion of the Subordinate Reduction Amount allocated to the Class M-1 or Class M-2 Reference Tranches will result in a corresponding reduction in the Class Principal Balance of the Class M-1 or Class M-2 Notes, as applicable.

With respect to each Payment Date, the product of:
(a) the Net Credit Event Amount for such Payment Date; and
(b) the respective Applicable Severity for such Payment Date.

With respect to each Payment Date:
(a) the product of:
(i) the Net Reversed Credit Event Amount for such Payment Date; and
(ii) the Applicable Severity for such Payment Date; plus
(b) the Rep and Warranty Settlement Coverage Amount for such Payment Date; minus
(c) the aggregate amount of the Rep and Warranty Settlement Amounts determined during prior Reporting Periods with respect to all Reference Obligations that became Reversed Credit Event Reference Obligations during the current Reporting Period.

For avoidance of any doubt, the Calculated Tranche Write-up Amount will never be less than zero.

On each Payment Date on or prior to the Termination Date, after allocation of the Senior and Subordinate Reduction Amounts, the Calculated Tranche Writedown Amount, if any, for such Payment Date, will be allocated to reduce the Class Notional Amount of each Class of Reference Tranche in the following order of priority, in each case until its Class Notional Amount is reduced to zero:
(i) first, to the Class B-H Reference Tranche,
(ii) second, to the Class M-2 and Class M-2H Reference Tranches, pro rata, based on their Class Notional Amounts,
(iii) third, to the Class M-1 and Class M-1H Reference Tranches, pro rata, based on their Class Notional Amounts, and
(iv) fourth, to the Class A-H Reference Tranche.

Because the Class M-1 and Class M-2 Notes correspond to the Class M-1 and Class M-2 Reference Tranches, respectively, any Calculated Tranche Writedown Amounts allocated to the Class M-1 or Class M-2 Reference Tranches will result in a corresponding reduction in the Class Principal Balance of the Class M-1 or Class M-2 Notes, as applicable.

## Allocation of Calculated Tranche Write-up

## Amounts

On each Payment Date on or prior to the Termination Date, after allocation of the Senior and Subordinate Reduction Amounts, the Calculated Tranche Writeup Amount, if any, for such Payment Date will be allocated to increase the Class Notional Amount of each Class of Reference Tranche in the following order of priority until the cumulative Calculated Tranche Write-up Amount allocated to each such Class of Reference Tranche is equal to the cumulative Calculated Tranche Write-down Amount previously allocated to such Class of Reference Tranche on or prior to such Payment Date:
(i) first, to the Class A-H Reference Tranche,
(ii) second, to the Class M-1 and Class M-1H Reference Tranches, pro rata, based on their Class Notional Amounts,
(iii) third, to the Class M-2 and Class M-2H Reference Tranches, pro rata, based on their Class Notional Amounts, and
(iv) fourth, to the Class B-H Reference Tranche

Because the Class M-1 and Class M-2 Notes correspond to the Class M-1 and Class M-2 Reference Tranches, respectively, any Calculated Tranche Write-up Amounts allocated to the Class M-1 or Class M-2 Reference Tranches will result in a corresponding increase in the Class Principal Balance of the Class M-1 or Class M-2 Notes, as applicable.

## Credit Event Reversals \& Reference Pool Removals

## Reversed Credit

## Event Reference

Obligation

With respect to any Payment Date, means a Reference Obligation formerly in the Reference Pool that became a Credit Event Reference Obligation in a prior Reporting Period and (i) that is repurchased by the seller or with respect to which the seller agrees to a full indemnification of Fannie Mae, (ii) with respect to which a violation of certain specified Eligibility Criteria is discovered or (iii) with respect to which the related seller declares bankruptcy or is put into receivership after Fannie Mae has requested that it repurchase such Reference Obligation.

With respect to any Payment Date, the aggregate amount of the Credit Event UPB of all Reversed Credit Event Reference Obligations for the related Reporting Period.

With respect to each Payment Date, the excess, if any, of the Credit Event Amount over any Reversed Credit Event Amount for such Payment Date.

With respect to each Payment Date, the excess, if any, of the Reverse Credit Event Amount over the Credit Event Amount for such Payment Date

## Reference Pool

## Removals

A Reference Obligation will be removed (a "Reference Pool Removal") from the Reference Pool upon the occurrence of any of the following:
(1) the Reference Obligation becomes a Credit Event Reference Obligation;
(2) payment in full of the Reference Obligation;
(3) seller repurchases the Reference Obligation or agrees to a full indemnification agreement for the Reference Obligation;
(4) the discovery of any of certain specified violations of the Eligibility Criteria for such Reference Obligation; or
(5) a seller declares bankruptcy or is put into receivership after Fannie Mae has requested that it repurchase any Reference Obligation; Fannie Mae will remove from the Reference Pool any loans for which repurchase requests remain outstanding at the time of the seller's bankruptcy or receivership.

Mortgage Loans will be removed from the Reference Pool or will become a Reversed Credit Event Reference Obligation if a loan data change occurs that causes the Reference Obligation to no longer meet any of the following Eligibility Criteria:
a) Fully amortizing
b) 1-4 family property
c) Original term between 25 and 30 years
d) Fixed rate
e) First lien
f) Original LTV $>60$ and $<=80$
g) CLTV <= $97 \%$
h) Was not originated with primary mortgage insurance
i) Was not acquired under a lender recourse or indemnification agreement

## Modifications

## Modifications

Reference Obligations that undergo a temporary or permanent modification will not be removed from the Reference Pool if they otherwise do not meet the criteria for a Reference Pool Removal.

Any decrease to the balance of a Reference Obligation as the result of a modification will be treated as Unscheduled Principal.

Any increase to the balance of a Reference Obligation as the result of a modification will be treated as an offset to Unscheduled Principal.

## Rep and Warrant Settlement Allocation

## Origination Rep and Warranty Settlement

A settlement relating to claims arising from breaches of loan representations and warranties that Fannie Mae enters into with a seller or servicer in lieu of requiring such seller or servicer to repurchase a specified pool of Mortgage Loans that includes one or more Reference Obligations, whereby Fannie Mae has received the agreed-upon settlement proceeds from such seller or servicer. For the avoidance of doubt, any settlement that Fannie Mae may enter into with a servicer in connection with a breach by such servicer of its servicing obligations to Fannie Mae with respect to Reference Obligations will not be included in any Origination Rep and Warranty Settlement.

Rep and Warranty Settlement Amount

The Rep and Warranty Settlement Amount will be for each Reference Obligation that is part of an Origination Rep and Warranty Settlement (including any Reference Obligation that may previously have been removed from the Reference Pool due to a Credit Event), the portion of the settlement amount determined to be attributable to such Reference Obligation. The determination will be made by Fannie Mae at or about the time of the settlement and will be verified by an independent third party as described below. For the avoidance of doubt, for purposes of calculating the Calculated Tranche Write-up Amount, the Rep and Warranty Settlement Amount will be deemed not to exceed the calculated loss amount for such Reference Obligation.

After completion of an Origination Rep and Warranty Settlement that includes any Reference Obligations, Fannie Mae will engage an independent third party to conduct an annual review to validate that the Rep and Warranty Settlement Amount corresponding to each Reference Obligation matches Fannie Mae's records for such settlement.

## Rep and Warranty Settlement

 Coverage AmountWith respect to each Payment Date and for (1) any Reference Obligation that was included in an Origination Rep and Warranty Settlement and that became a Credit Event Reference Obligation in the related Reporting Period and (2) any Reference Obligation that became a Credit Event Reference Obligation during a previous Reporting Period and that was first included in an Origination Rep and Warranty Settlement during the related Reporting Period, the sum of the related Rep and Warranty Settlement Amounts.

## MORTGAGE LOANS IN REFERENCE POOL

## Reference Obligations

## Eligibility Criteria

The Reference Pool represents a sample of the mortgage loans acquired by Fannie Mae during the 3rd quarter of 2012 that meet the Eligibility Criteria, as defined below. Fannie Mae selected this sample on a random basis. Prior to finalizing the Reference Pool, Fannie Mae engaged a third party to validate that the loan characteristics of the Reference Pool were representative of the entire quarter's acquisition population that meet the Eligibility Criteria, and that the sample was random in nature.

Each mortgage loan in the Reference Pool must satisfy the following criteria:
a) is a fully amortizing, fixed rate, one- to four-unit, first lien Mortgage Loan, with an original term of 301 to 360 months;
b) was acquired by Fannie Mae between July 1, 2012 and September 30, 2012;
c) has an original loan-to-value ratio that is (i) greater than $60 \%$ and (ii) less than or equal to $80 \%$;
d) has never been 30 or more days delinquent from the date of acquisition to the Cut-off Date of the prospectus;
e) was not originated under Fannie Mae's Refi Plus program (Fannie Mae's Refi Plus program includes but is not limited to the Home Affordable Refinance Program ("HARP");
f) has an original combined loan-to-value ratio less than or equal to $97 \%$;
g) as of October 10, 2013, is not subject to an Origination Rep and Warranty Settlement;
h) is not covered by mortgage or pool insurance;

## Reference Pool

## Reference Pool Selection Process

## Loan Acquisition Practices

## Underwriting Standards

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i) is not subject to any form of risk sharing with the loan seller (other than limited seller indemnification in certain cases); and
j) was not originated under certain non-standard programs.

All of the Reference Obligations, collectively, listed in a schedule attached to the prospectus.

The "Initial Cohort Pool" includes all loans acquired by Fannie Mae during the third quarter of 2012 that met the Eligibility Criteria at acquisition based on static loan data as of the Cut-Off Date. The "Eligible Population" includes all loans in the Initial Cohort Pool that did not pay off, become delinquent or subject to a repurchase request since acquisition or otherwise cease to meet the Eligibility Criteria.

Fannie Mae created the Reference Pool by selecting a random sample of loans from the Eligible Population. Fannie Mae engaged an independent third party to review the loan characteristics of the Reference Pool to ensure that they are representative of the Eligible Population as a whole.

| Category | Loan <br> Count | Aggregate <br> Original |  |
| :--- | :---: | :---: | :---: |
| Loan Balance <br> (\$ millions) |  |  |  |
| Lnitial Cohort Pool <br> Leps fallout (paid-in-full, delinquent, | 258,602 | $\underline{c}$$\$ 64,397$ <br> Eligible Population | $\underline{25,422}$ |

All of the Reference Obligations were acquired from and serviced by loan sellers and servicers who are approved by Fannie Mae to conduct business with Fannie Mae. Fannie Mae relies on loan sellers to comply with Fannie Mae's standards and make underwriting decisions that result in investment quality loans. To protect Fannie Mae from acquiring loans that do not meet Fannie Mae's prescribed underwriting standards, loan sellers are required to make representations and warranties as to certain facts and circumstances concerning the loan sellers themselves and the mortgage loans they are selling. Representations and warranties required by Fannie Mae are described in the Mortgage Selling and Servicing Contract, the Fannie Mae Single-Family Selling Guide (the "Selling Guide"), the Fannie Mae Single-Family Servicing Guide (the "Servicing Guide") and other lender contracts (the "Lender Contract"). Violation of any representation and warranty is a breach of the Lender Contract, entitling Fannie Mae to pursue certain remedies, including a loan repurchase request.

Fannie Mae's Selling Guide establishes the baseline credit standards for mortgage loans that Fannie Mae acquires from Fannie Mae's approved loan sellers. In evaluating a borrower's willingness and ability to repay the mortgage loan, the loan seller must include documentation in the loan file that confirms that information provided by the borrower as part of the loan application is

## Desktop Underwriter

## Fannie Mae's QC Process

Fannie Mae conducts several different types of QC reviews on a sample basis with respect to mortgage loans, including post-purchase reviews, early payment default reviews, servicing reviews, and post-foreclosure reviews. In Fannie Mae's post-purchase reviews, Fannie Mae reviews a statistically valid random
sample of newly acquired performing mortgage loans, and Fannie Mae Mae's post-purchase reviews, Fannie Mae reviews a statistically valid random
sample of newly acquired performing mortgage loans, and Fannie Mae augments this random sample with targeted, discretionary sampling.
accurate and documents the loan seller's assessment of the borrower's credit history, employment, income, assets, and other financial information. In addition, the loan seller must conduct a comprehensive risk assessment of each mortgage loan application prior to approving it. The loan seller is also responsible for the accuracy and completeness of the appraisal and its assessment of the marketability of the property as well as underwriting the appraisal report to determine whether the property presents adequate collateral for the mortgage loan.

Approximately $87 \%$ of the Reference Obligations, by unpaid principal balance, were underwritten through Fannie Mae's Desktop Underwriter® ("DU") system. DU is a proprietary automated underwriting system that evaluates mortgage default risk and arrives at a risk assessment recommendation by conducting a comprehensive examination of the primary and contributory risk factors in a mortgage application. DU analyzes the results of this evaluation along with the evaluation of the borrower's credit profile to arrive at the underwriting recommendation for the loan. In addition, DU outlines certain steps necessary for the loan seller to complete the processing of the loan file, including the required documentation necessary to verify borrower income, assets, and property value. All loans delivered to Fannie Mae must meet the documentation requirements stated in the Selling Guide or as required by DU.

DU will recommend one of the following levels of income documentation for salaried borrowers: one paystub, or one paystub and the previous year's W-2. For self-employment income, DU will recommend one of the following levels of documentation: one year's most recent personal signed federal income tax return, two years' most recent personal signed federal income tax returns, or two years' most recent personal and two years' most recent business signed federal income tax returns. Loans underwritten manually must follow the full income documentation requirements specified in the Selling Guide.

DU will recommend the minimum appraisal requirements based on the overall risk assessment of the mortgage loan, including the borrower's credit profile and LTV/CLTV. In addition to the credit model, DU uses Fannie Mae's proprietary automated valuation model to determine the property value fieldwork requirements. Based on the overall risk assessment, DU will recommend one of the following: appraisal with interior and exterior property inspections, appraisal with exterior property inspections, or DU property inspection report. In addition to the above property valuation recommendations, DU offers a limited number of property fieldwork waivers for certain loans with an exceptionally strong overall credit profile.

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## Fannie Mae QC Results

## Pre-Offering Due Diligence Review

During the course of any of these reviews, Fannie Mae may identify:

- significant underwriting deficiencies;
- breaches of selling representations or warranties, including instances of fraud or misrepresentation or that a selling warranty the lender made is untrue;
- breaches of the terms of applicable contract provisions; or
- servicing deficiencies that have had a materially adverse effect on the value of the mortgage loan or the acquired property.

If Fannie Mae identifies any of the foregoing, Fannie Mae may require the immediate repurchase of a mortgage loan. Fannie Mae refers to defects that give rise to a repurchase as "Significant Findings." In certain circumstances, Fannie Mae may provide the loan seller with an alternative to the immediate repurchase of a mortgage loan that does not meet Fannie Mae's requirements, such as indemnification.

Fannie Mae's post purchase QC Process is designed to evaluate the borrower's credit, the property valuation and the eligibility of the loans Fannie Mae acquires. In connection with Fannie Mae's post purchase QC reviews for mortgage loans acquired in the third quarter of 2012, Fannie Mae reviewed 2,044 mortgage loans out of the Initial Cohort Pool, an approximate $0.8 \%$ sample, of which 813 are in the Reference Pool. Of the 2,044 mortgage loans, 57 remain subject to Fannie Mae's post-purchase QC Process.

The results of the Fannie Mae QC Reviews are as follows (as of August 31, 2013):

|  | Number <br> of Loans <br> Reviewed | Loans <br> With <br> Significant <br> Type of Sample | Fhare of Sample <br> with Significant |
| :---: | :---: | :---: | :---: |
| Randomly Selected | 1,404 | 23 | $\underline{\text { Findings }}$ |
| Discretionary Selections | $\underline{\mathbf{6 4 0}}$ | $\underline{43}$ | $1.6 \%$ |
| Total | $\underline{2,044}$ | $\underline{\mathbf{6 6}}$ | $\underline{6.7 \%}$ |
|  |  |  | $\mathbf{3 . 2 \%}$ |

None of the loans determined by Fannie Mae to have Significant Findings were included in the Reference Pool.

In connection with the issuance of the Notes, the Lead Dealer engaged a thirdparty diligence provider to conduct a pre-offering review of a sample of the Reference Obligations. The Lead Dealer selected a random sample of 608 of the Reference Obligations (the "Diligence Sample") for the third party review. The Diligence Sample was selected from a subset of 1,917 loans that were acquired in Q3-2012, were reviewed as part of Fannie Mae's QC Process and met the same Eligibility Criteria used to establish the Reference Obligations. The Diligence Sample included 245 Reference Obligations that were included in the final random selection of the Reference Pool.

Investors should note that one Mortgage Loan was identified in the review conducted by the Lead Dealer's third-party diligence provider as having a Significant Finding, representing $0.2 \%$ of the Diligence Sample. The Lead

Dealer's third-party diligence provider identified 23 additional loans, $3.7 \%$ of the Diligence Sample, for which the review files had material findings; Fannie Mae has determined that these loans did not have Significant Findings, in some cases based on additional information that Fannie Mae developed in addition to the information in the review files. None of the loans with Significant Findings were included in the Reference Pool.

For a further description of the results of these reviews, see the related sections set forth under "Description of the Reference Obligations" in the prospectus.

## Representation and <br> Warranties Settlements

## Servicing Practices

In recent years, Fannie Mae has entered into settlements with large sellers to resolve existing and potential representation and warranties repurchase claims on portfolios of Mortgage Loans sold to Fannie Mae and may do so in the future. Any such settlement could involve potential representation and warranty claims on Reference Obligations. These settlements typically require Fannie Mae to release the applicable seller from any repurchase obligations for violations of seller's purchase contract. Accordingly, Fannie Mae will not submit any Mortgage Loans for quality control review that are subject to a settlement.

The servicing of the mortgage loans that are held in Fannie Mae's mortgage portfolio or that back Fannie Mae's MBS is performed by servicers on Fannie Mae's behalf, with Fannie Mae retaining servicing control. Each servicer is required to service the applicable Reference Obligations in accordance with Fannie Mae's servicing guidelines as stated in Fannie Mae's Servicing Guide and related announcements, including applicable contract variances. Fannie Mae's servicing guidelines may be revised from time to time at Fannie Mae's sole discretion.

## THE NOTES

## Debt Agreement

## Class Principal Balance

The Notes will be issued pursuant to a debt agreement.
As of any Payment Date, the sum of:
(a) the maximum dollar amount of principal to which the holders of each Class of Notes then are entitled to, with such amount being equal to the initial Class Principal Balance of such Class of Notes, minus
(b) the aggregate amount of principal paid by Fannie Mae on such Class of Notes on such Payment Date and all prior Payment Dates, minus
(c) the aggregate amount of Calculated Tranche Write-down Amounts allocated to reduce the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates, and plus
(d) the aggregate amount of Calculated Tranche Write-up Amounts allocated to increase the Class Principal Balance of such Class of Notes on such Payment Date and on all prior Payment Dates.

The Class Principal Balance of each Class of Notes will at all times equal the Class Notional Amount of the Reference Tranche that corresponds to such Class of Notes. For the avoidance of doubt, no Calculated Tranche Write-up Amount or Calculated Tranche Write-down Amount will be applied twice on the same Payment Date.

## Interest Payment

## Principal Payment

## Events of Default

## Rights Upon Event of Default

With respect to each outstanding Class of Notes and any Payment Date, Fannie Mae will pay to holders thereof all interest accrued at the Note Rate due on the Class Principal Balance then outstanding of each such Class of Notes. No payments of interest will be made to the Reference Tranches.

On the Maturity Date or the Early Redemption Date, Fannie Mae will pay $100 \%$ of the outstanding Class Principal Balance to holders of each Class of Notes, after allocations of the Calculated Tranche Write-Down Amount and the Calculated Tranche Write-up Amount for such Payment Date.

On all other Payment Dates, Fannie Mae will pay principal to holders of each outstanding Class of Notes in an amount equal to the portion of Senior Reduction Amount or Subordinate Reduction Amount, as applicable, allocated to the corresponding Reference Tranche on such Payment Date. No payments of principal will be made to the Reference Tranches.

An "Event of Default" under the Debt Agreement will consist of:
(a) any failure by Fannie Mae to pay principal or interest that continues unremedied for 30 days;
(b) any failure by Fannie Mae to perform in any material way any other obligation under the Debt Agreement if the failure continues unremedied for 60 days after Fannie Mae receives notification by the Holders of at least $25 \%$ of the outstanding Class Principal Balance of the Notes; or
(c) specified events of bankruptcy, insolvency or similar proceedings involving Fannie Mae.

The appointment of a conservator (or other similar official) by a regulator having jurisdiction over Fannie Mae, whether or not Fannie Mae consents to such appointment, will not constitute an Event of Default.

If an Event of Default under the Debt Agreement continues unremedied, Holders of not less than $50 \%$ of the outstanding principal amount of Notes to which such Event of Default relates may, by written notice to Fannie Mae, declare such Notes due and payable.

No Holder has any right under the Debt Agreement to institute any action or proceeding at law or in equity or in bankruptcy or otherwise, or for the appointment of a receiver or trustee, or for any other remedy, unless:
(a) the Holder previously has given Fannie Mae written notice of an Event of Default and of the continuance thereof;
(b) the Holders of not less than $50 \%$ of the outstanding Class Principal Balance of the Notes have given Fannie Mae written notice of the Event of Default; and
(c) the Event of Default continues uncured for 60 days following such notice. The Holders of not less than $50 \%$ of the outstanding Class Principal Balance of Notes may waive, rescind or annul an Event of Default at any time.

United States Federal Tax Consequences

## ERISA Considerations

## Legal Investment

## Registration and Denomination

## Record Date

Fannie Mae expects to receive an opinion from Hunton \& Williams LLP that, although the matter is not free from doubt, each Class of Notes will be characterized as indebtedness for U.S. federal income tax purposes. Fannie Mae and each Noteholder of a Note, by acceptance of such Note, will agree to treat such Note as indebtedness of Fannie Mae for all U.S. federal income tax purposes unless otherwise required by law.

Employee benefit plans and entities holding the assets of any such plan may purchase the Notes only if purchasing and holding the Notes will not result in a nonexempt prohibited transaction under the Employee Retirement Income Security Act of 1974, as amended ("ERISA"), the Internal Revenue Code of 1986, as amended (the "Code"), or any similar federal, state or local law.

The Notes will not be "mortgage related securities" for purposes of the Secondary Mortgage Market Enhancement Act of 1984, as amended ("SMMEA"). No representation is or will be made as to the proper characterization of the Notes for legal investment or other purposes, the ability of particular investors to purchase Notes for legal investment or other purposes or the ability of particular investors to purchase the Notes under applicable legal investment or other restrictions.

The Notes will be issuable in book-entry form through DTC, Euroclear and Clearstream in minimum denominations of $\$ 10,000$ with integral multiples of $\$ 1$ in excess thereof. The Notes are being offered only to "Qualified Institutional Buyers" (as defined in Rule 144A under the Securities Act).

The business day preceding a Payment Date, with respect to beneficial interests in Book-Entry Notes and the last Business Day of the preceding month of a Payment Date, with respect to Definitive Notes.

## EXAMPLE OF PAYMENTS

The following sets forth an example of reporting of principal payments from borrowers on the Reference Obligations and payments on the Notes for the Payment Date in November 2013:

| September 1 through <br> September 30 | Collection Period | The Master Servicer will report principal payments on <br> the Reference Obligations received during the related <br> Collection Period (September 1 through September 30) <br> from borrowers including scheduled principal and full <br> and partial principal prepayments. |
| :--- | :--- | :--- |
| September 30 | Decord Date | Delinquency <br> Determination Date |
| November 24 | The Master Servicer will report the MBA delinquency <br> status on the Reference Obligations determined as of the <br> Delinquency Determination Date (September 30). |  |
| November 12 | Distributions will be made to noteholders of record for <br> all classes of Notes as of the business day immediately <br> preceding such Payment Date |  |
| November 25 | Remittance Date | Master Servicer will provide remittance file in respect of <br> the Reference Obligations to the Global Agent on or <br> prior to the 8th business day of each month. |

Succeeding months follow the same pattern.

## Weighted Average Life and Modeling Assumptions

Weighted average life refers to the average amount of time that will elapse from the date of issuance of a security to the date of payment to the investor of each dollar paid in net reduction of principal of such security. The weighted average lives of the Notes will be influenced by, among other things, the rate at which principal of the mortgage loans that are Reference Obligations is paid, which may be in the form of scheduled amortization, prepayments or liquidations.

Prepayments on mortgage loans are commonly measured relative to a constant prepayment standard or model. The model used in this preliminary term sheet for the Reference Obligations is a Constant Prepayment Rate (or "CPR"). CPR assumes that the outstanding principal balance of a pool of mortgage loans prepays at a specified constant annual rate. In projecting monthly cashflows, this rate is converted to an equivalent monthly rate. CPR does not purport to be either a historical description of the prepayment experience of mortgage loans or a prediction of the anticipated rate of prepayment of any mortgage loans, including Reference Obligations. The percentages of CPR in the tables below do not purport to be historical description of relative prepayment experience of the Reference Obligations or predictions of the anticipated relative rate of prepayment of the Reference Obligations. Variations in the prepayment experience and the principal balance of the Reference Obligations that prepay may increase or decrease the percentages of initial Class Principal Balance (and weighted average lives) shown in the following table. Such variations may occur even if the average prepayment experience of all such Reference Obligations equals any of the specified percentages of CPR.

The Weighted Average Life Tables, Declining Balance Tables, Credit Event Sensitivity Table, Cumulative Note Write-down Amount Tables and Yield Tables below were prepared based on the following assumptions (collectively, the "Modeling Assumptions"):
(1) the initial Class Principal Balances or Notional Amounts are as set forth in the table on page 3;
(2) the scheduled monthly payment for each Reference Obligation is based on its outstanding principal balance, current Mortgage Rate and remaining amortization term so that it will fully amortize in amounts sufficient for the repayment thereof over its remaining amortization term;
(3) each monthly payment of scheduled principal and interest on the Reference Obligations is timely received on the first day of each month commencing in October 2013;
principal prepayments in full on the Reference Obligations are received, on the last day of each month beginning in the calendar month prior to the month in which the first Payment Date occurs;
there are no partial principal prepayments on the Reference Obligations; the Reference Obligations prepay at the indicated CPR percentages;
except as specified in the tables, there are no defaults or delinquencies on the Reference Obligations; Payment Dates occur on the 25th day of each month commencing in November 2013; there are no purchases, removals, reinstatements, or substitutions of Reference Obligations; there are no loan modifications or data corrections in connection with the Reference Obligations; there is no Early Redemption Option exercised (except in the case of Weighted Average Life in Years (to Early Redemption Option));
(12) the Closing Date is October 24, 2013;
(13) one-month LIBOR stays constant at $0.174 \%$;
(14) the Reference Obligations are aggregated into the assumed mortgage loans having the characteristics as described in "Assumed Characteristics of the Reference Obligations as of the CutOff Date";
(15) there are no Reversed Credit Event Reference Obligations;
(16) there are no Originator Rep and Warranty Settlements; and
(17) the Class M-1 margin is equal to $2.50 \%$ and the Class M-2 margin is equal to $6.25 \%$.

Assumes the Reference Obligations experience Credit Events at the indicated CDR percentages and no lag between the related Credit Event Amount and the application of any related Calculated Recovery Principal.

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The Default Sensitivity tables assume a constant rate of Reference Obligations becoming Credit Event Reference Obligations each month relative to the then outstanding aggregate principal balance of Reference Obligations. This credit event rate (or "CDR") does not purport to be either an historical description of the default experience of the Reference Obligations or a prediction of the anticipated rate of defaults on the Reference Obligations. The rate and extent of actual defaults experienced on the Reference Obligations are likely to differ from those assumed and may differ significantly. A rate of $1.0 \%$ CDR assumes Reference Obligations become Credit Event Reference Obligations at an annual rate of $1.0 \%$ which remains in effect through the remaining lives of such Reference Obligations. Further, it is unlikely the Reference Obligations will become Credit Event Reference Obligations at any specified percentage of CDR.

Assumed Characteristics of the Reference Obligations as of the Cut-Off Date

| Group Number | Principal Balance (\$) | Remaining Term to Maturity (months) | Original Term to Maturity (months) | Per Annum Interest Rate (\%) |
| :---: | :---: | :---: | :---: | :---: |
| 1 | 408,691 | 349 | 360 | 2.750 |
| 2 | 815,884 | 349 | 360 | 2.875 |
| 3 | 3,653,151 | 349 | 360 | 3.000 |
| 4 | 22,637,289 | 348 | 359 | 3.125 |
| 5 | 195,999,569 | 349 | 360 | 3.252 |
| 6 | 791,417,414 | 349 | 360 | 3.376 |
| 7 | 3,566,728,220 | 349 | 360 | 3.500 |
| 8 | 3,766,333,048 | 348 | 360 | 3.625 |
| 9 | 4,381,727,204 | 348 | 360 | 3.750 |
| 10 | 5,155,120,282 | 348 | 360 | 3.875 |
| 11 | 4,369,102,041 | 348 | 360 | 3.997 |
| 12 | 1,564,667,284 | 347 | 360 | 4.124 |
| 13 | 997,381,667 | 347 | 360 | 4.250 |
| 14 | 651,696,112 | 347 | 360 | 4.375 |
| 15 | 634,807,274 | 347 | 360 | 4.499 |
| 16 | 268,847,787 | 347 | 360 | 4.625 |
| 17 | 175,491,783 | 347 | 360 | 4.749 |
| 18 | 111,896,212 | 347 | 360 | 4.875 |
| 19 | 41,154,447 | 347 | 360 | 4.995 |
| 20 | 22,851,482 | 347 | 360 | 5.123 |
| 21 | 23,110,398 | 347 | 360 | 5.250 |
| 22 | 4,162,046 | 347 | 360 | 5.375 |
| 23 | 3,252,629 | 347 | 360 | 5.499 |
| 24 | 1,011,929 | 348 | 360 | 5.622 |
| 25 | 1,556,066 | 348 | 360 | 5.746 |
| 26 | 193,984 | 347 | 360 | 5.875 |
| 27 | 91,723 | 346 | 360 | 6.125 |
| 28 | 86,791 | 346 | 360 | 6.250 |
| 29 | 173,462 | 346 | 360 | 6.375 |

# Declining Balances Tables <br> Percentages of Original Class Principal Balances Outstanding and Weighted Average Lives 

Class M-1
CPR Prepayment Assumption

| Date | 0\% | 5\% | 10\% | 15\% | 20\% | 25\% | 30\% | 35\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Closing Date | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Oct 25, 2014. | 96 | 85 | 74 | 63 | 52 | 41 | 30 | 19 |
| Oct 25, 2015. | 91 | 71 | 51 | 32 | 14 | 0 | 0 | 0 |
| Oct 25, 2016. | 87 | 57 | 30 | 6 | 0 | 0 | 0 | 0 |
| Oct 25, 2017. | 82 | 44 | 12 | 0 | 0 | 0 | 0 | 0 |
| Oct 25, 2018.......................................................... | 77 | 32 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct 25, 2019. | 72 | 20 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct 25, 2020.. | 66 | 10 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct 25, 2021. | 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct 25, 2022. | 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oct 25, 2023.. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) to Maturity.. | 7.64 | 3.72 | 2.18 | 1.52 | 1.15 | 0.92 | 0.76 | 0.64 |
| Weighted Average Life (years) to Early Redemption Date*..... | 7.64 | 3.72 | 2.18 | 1.52 | 1.15 | 0.92 | 0.76 | 0.64 |

CPR Prepayment Assumption

| Date | 0\% | 5\% | 10\% | 15\% | 20\% | 25\% | 30\% | 35\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Closing Date | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Oct 25, 2014. | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Oct 25,2015 . | 100 | 100 | 100 | 100 | 100 | 98 | 82 | 68 |
| Oct 25, 2016. | 100 | 100 | 100 | 100 | 85 | 66 | 49 | 35 |
| Oct 25, 2017.. | 100 | 100 | 100 | 84 | 61 | 42 | 27 | 14 |
| Oct 25, 2018. | 100 | 100 | 95 | 66 | 43 | 25 | 11 | 1 |
| Oct 25, 2019. | 100 | 100 | 81 | 51 | 29 | 12 | 1 | 0 |
| Oct 25, 2020. | 100 | 100 | 68 | 38 | 17 | 3 | 0 | 0 |
| Oct 25, 2021. | 100 | 99 | 57 | 28 | 9 | 0 | 0 | 0 |
| Oct 25, 2022. | 100 | 90 | 46 | 19 | 2 | 0 | 0 | 0 |
| Oct 25, 2023. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Weighted Average Life (years) to Maturity... | 10.00 | 9.80 | 8.20 | 6.47 | 5.01 | 3.99 | 3.27 | 2.75 |
| Weighted Average Life (years) to Early Redemption Date* | 10.00 | 9.80 | 8.20 | 6.47 | 5.01 | 3.99 | 3.27 | 2.75 |

[^1]Cumulative Credit Events (as \% of the Reference Pool Cut-Off Date Balance)

| CDR | 0\% CPR 5\% CPR 10\% CPR 15\% CPR 20\% CPR 25\% CPR 30\% CPR 35\% CPR |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 0.89\% | 0.71\% | 0.57\% | 0.46\% | 0.38\% | 0.31\% | 0.26\% | 0.22\% |
| 0.20\%.. | 1.77\% | 1.41\% | 1.13\% | 0.91\% | 0.75\% | 0.62\% | 0.52\% | 0.44\% |
| 0.30\%. | 2.65\% | 2.10\% | 1.68\% | 1.37\% | 1.12\% | 0.93\% | 0.78\% | 0.67\% |
| 0.40\%.. | 3.51\% | 2.79\% | 2.24\% | 1.81\% | 1.49\% | 1.24\% | 1.04\% | 0.89\% |
| 0.50\%.. | 4.37\% | 3.47\% | 2.79\% | 2.26\% | 1.86\% | 1.54\% | 1.30\% | 1.11\% |
| 0.75\%. | 6.49\% | 5.16\% | 4.14\% | 3.37\% | 2.77\% | 2.30\% | 1.94\% | 1.65\% |
| 1.00\%.. | 8.56\% | 6.81\% | 5.48\% | 4.45\% | 3.67\% | 3.05\% | 2.57\% | 2.19\% |

## Cumulative Note Write-down Amount Tables

Class M-1 Cumulative Write-down Amount (as \% of Class M-1 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.20\%. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.30\%.. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.40\%. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\%. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\%. | 33.09\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 1.00\%.. | 75.77\% | 42.64\% | 3.05\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |

Class M-2 Cumulative Write-down Amount (as \% of Class M-2 Original Class Principal Balance)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CP | 20\% CP | 25\% | 30\% C | 35\% C |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.20\%. | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.30\%. | 19.17\% | 2.97\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.40\%. | 44.87\% | 23.39\% | 7.02\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.50\%. | 70.35\% | 43.65\% | 23.31\% | 7.74\% | 0.00\% | 0.00\% | 0.00\% | 0.00\% |
| 0.75\%. | 100.00\% | 93.63\% | 63.53\% | 40.48\% | 22.75\% | 9.00\% | 0.00\% | 0.00\% |
| 1.00\%.. | 100.00\% | 100.00\% | 100.00\% | 72.73\% | 49.37\% | 31.23\% | 17.01\% | 5.72\% |

[^2]
## Yield Tables

Class M-1 Pre-Tax Yield to Maturity $($ Price $=\mathbf{1 0 0 \%})$

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |
| 0.20\%.. | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |
| 0.30\%.. | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |
| 0.40\%.. | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |
| 0.50\%.. | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |
| 0.75\%.. | (1.86\%) | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |
| 1.00\%....................................................... | (20.24\%) | (4.40\%) | 2.23\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% | 2.69\% |

Class M-2 Pre-Tax Yield to Maturity $($ Price $=\mathbf{1 0 0 \%})$

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% |
| 0.20\%... | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% |
| 0.30\%.. | 4.87\% | 6.29\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% |
| 0.40\%.. | 1.74\% | 4.38\% | 5.91\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% |
| 0.50\% ....................................................... | (3.10\%) | 1.76\% | 4.24\% | 5.72\% | 6.51\% | 6.51\% | 6.51\% | 6.51\% |
| 0.75\%.. | (27.63\%) | (13.42\%) | (2.22\%) | 1.35\% | 3.27\% | 5.13\% | 6.51\% | 6.51\% |
| 1.00\%....................................................... | (44.23\%) | (35.91\%) | (25.38\%) | (5.14\%) | (1.41\%) | 0.79\% | 3.03\% | 5.28\% |

## Weighted Average Life Tables

Class M-1 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 7.67 | 3.90 | 2.28 | 1.60 | 1.23 | 1.00 | 0.84 | 0.72 |
| 0.20\%.. | 7.70 | 4.09 | 2.33 | 1.61 | 1.23 | 1.00 | 0.84 | 0.72 |
| 0.30\%.. | 7.75 | 4.49 | 2.39 | 1.64 | 1.24 | 1.00 | 0.84 | 0.72 |
| 0.40\%.. | 7.82 | 5.16 | 2.50 | 1.66 | 1.25 | 1.00 | 0.84 | 0.72 |
| 0.50\%.. | 7.91 | 5.84 | 2.65 | 1.71 | 1.27 | 1.01 | 0.84 | 0.72 |
| 0.75\%.. | 7.82 | 7.05 | 4.28 | 1.90 | 1.33 | 1.03 | 0.85 | 0.72 |
| 1.00\%....................................................... | 6.48 | 7.08 | 5.81 | 2.90 | 1.45 | 1.08 | 0.87 | 0.73 |

Class M-2 Weighted Average Life to Maturity (in Years)

| CDR | 0\% CPR | 5\% CPR | 10\% CPR | 15\% CPR | 20\% CPR | 25\% CPR | 30\% CPR | 35\% CPR |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0.10\%. | 10.00 | 9.88 | 8.37 | 6.65 | 5.18 | 4.12 | 3.39 | 2.85 |
| 0.20\%.. | 10.00 | 9.96 | 8.52 | 6.81 | 5.33 | 4.20 | 3.43 | 2.88 |
| 0.30\%.. | 9.74 | 9.99 | 8.81 | 7.03 | 5.50 | 4.30 | 3.49 | 2.91 |
| 0.40\%.. | 8.94 | 9.55 | 9.06 | 7.35 | 5.76 | 4.46 | 3.56 | 2.96 |
| 0.50\%.. | 7.93 | 8.79 | 9.07 | 7.61 | 6.06 | 4.72 | 3.68 | 3.01 |
| 0.75\%....................................................... | 5.35 | 6.42 | 7.55 | 7.63 | 6.41 | 5.29 | 4.24 | 3.31 |
| 1.00\%....................................................... | 3.95 | 4.48 | 5.37 | 6.64 | 6.36 | 5.37 | 4.50 | 3.75 |

## Reference Pool Summary

Statistics for the Reference Obligations listed below are based on statistical Cut-off Date information as of August 31, 2013.

## Collateral Summary

| $\underline{\text { Aggregate }}$ | Weighted <br> 112,871 | $\underline{\text { Average }}$ | $\underline{\text { Minimum }}$ |
| :---: | :---: | :---: | :---: |$\quad$| Maximum |
| :---: |
| $27,433,380,000$ |

Latest Maturity Date 10/1/2042
\% Refinance $58.95 \%$
\% Owner Occupied 86.59\%
\% SFR/PUD 89.90\%

Top Five Geographic Concentration of Mortgaged Properties

| $C A$ | $27.14 \%$ |
| :--- | :---: |
| $T X$ | $5.84 \%$ |
| $N Y$ | $4.33 \%$ |
| $N J$ | $4.01 \%$ |
| $C O$ | $3.89 \%$ |

*The weighted average and minimum debt-to-income ratios are calculated using only the loans for which with debt-to-income data was provided.

| Product Type of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product Type | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Fixed Rate | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Unpaid Principal Balances as of the Origination Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Unpaid Principal Balance (\$) | $\begin{array}{\|c\|} \hline \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 0.01-25,000.00 | 50 | 1,024,152 | 0.00 | 4.36 | 750 | 76.26 | 76.26 |
| 25,000.01-50,000.00 | 1,260 | 51,821,045 | 0.19 | 4.32 | 750 | 76.40 | 76.51 |
| 50,000.01-75,000.00 | 4,374 | 274,304,342 | 1.03 | 4.20 | 752 | 75.98 | 76.18 |
| 75,000.01-100,000.00 | 7,681 | 670,207,236 | 2.50 | 4.07 | 755 | 75.43 | 75.73 |
| 100,000.01-125,000.00 | 9,104 | 1,004,828,202 | 3.76 | 3.99 | 758 | 75.88 | 76.26 |
| 125,000.01-150,000.00 | 9,307 | 1,253,857,283 | 4.69 | 3.93 | 759 | 75.69 | 76.16 |
| 150,000.01-200,000.00 | 18,349 | 3,156,564,557 | 11.80 | 3.88 | 763 | 75.55 | 76.05 |
| 200,000.01-250,000.00 | 15,424 | 3,394,250,842 | 12.69 | 3.84 | 765 | 75.37 | 75.94 |
| 250,000.01-300,000.00 | 13,425 | 3,604,183,206 | 13.47 | 3.81 | 766 | 75.53 | 76.14 |
| 300,000.01-350,000.00 | 9,918 | 3,150,296,522 | 11.77 | 3.79 | 767 | 75.40 | 76.08 |
| 350,000.01-400,000.00 | 9,431 | 3,481,437,536 | 13.01 | 3.76 | 768 | 74.82 | 76.00 |
| 400,000.01-450,000.00 | 7,897 | 3,205,930,379 | 11.98 | 3.77 | 765 | 72.82 | 75.61 |
| 450,000.01-500,000.00 | 2,199 | 1,024,153,324 | 3.83 | 3.92 | 771 | 74.84 | 75.93 |
| 500,000.01-550,000.00 | 1,792 | 919,118,356 | 3.44 | 3.91 | 770 | 74.42 | 75.70 |
| 550,000.01-600,000.00 | 1,355 | 764,738,359 | 2.86 | 3.91 | 772 | 74.75 | 75.55 |
| 600,000.01-650,000.00 | 1,231 | 745,584,718 | 2.79 | 3.91 | 770 | 72.82 | 75.01 |
| 650,000.01-700,000.00 | 24 | 15,793,731 | 0.06 | 4.13 | 767 | 72.42 | 72.42 |
| 700,000.01-750,000.00 | 16 | 11,326,466 | 0.04 | 4.08 | 779 | 70.05 | 71.55 |
| 750,000.01-800,000.00 | 22 | 16,891,216 | 0.06 | 4.24 | 778 | 70.64 | 70.82 |
| 800,000.01-850,000.00 | 7 | 5,441,976 | 0.02 | 4.07 | 780 | 71.59 | 71.59 |
| 850,000.01-900,000.00 | 2 | 1,704,696 | 0.01 | 4.25 | 785 | 75.00 | 75.00 |
| $900,000.01$ or greater | 3 | 2,917,726 | 0.01 | 4.26 | 789 | 73.10 | 73.10 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 243,051 |  |  |  |  |  |  |

Unpaid Principal Balances as of the Cut-off Date

| Range of Unpaid Principal Balance (\$) | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. Original Credit Score | W.A. <br> Original <br> LTV Ratio <br> (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 5,000-25,000 | 113 | 2,086,420 | 0.01 | 4.18 | 764 | 76.65 | 77.03 |
| 25,001-50,000 | 1,427 | 59,487,509 | 0.22 | 4.29 | 752 | 76.39 | 76.48 |
| 50,001-75,000 | 4,656 | 297,284,824 | 1.11 | 4.18 | 753 | 76.02 | 76.23 |
| 75,001-100,000 | 8,026 | 713,060,054 | 2.67 | 4.06 | 756 | 75.38 | 75.69 |
| 100,001-125,000 | 9,324 | 1,049,804,507 | 3.92 | 3.98 | 758 | 75.90 | 76.29 |
| 125,001-150,000 | 9,496 | 1,305,667,127 | 4.88 | 3.92 | 759 | 75.73 | 76.18 |
| 150,001-200,000 | 18,327 | 3,213,281,016 | 12.01 | 3.88 | 763 | 75.51 | 76.02 |
| 200,001-250,000 | 15,731 | 3,530,386,270 | 13.19 | 3.84 | 765 | 75.41 | 75.98 |
| 250,001-300,000 | 13,114 | 3,591,257,321 | 13.42 | 3.81 | 766 | 75.50 | 76.14 |
| 300,001-350,000 | 9,933 | 3,220,870,358 | 12.04 | 3.79 | 768 | 75.40 | 76.08 |
| 350,001-400,000 | 9,972 | 3,761,939,633 | 14.06 | 3.76 | 768 | 74.41 | 75.81 |
| 400,001-450,000 | 6,456 | 2,657,282,679 | 9.93 | 3.79 | 764 | 72.88 | 75.75 |
| 450,001-500,000 | 2,299 | 1,091,324,769 | 4.08 | 3.92 | 771 | 74.80 | 76.05 |
| 500,001-550,000 | 1,635 | 856,979,383 | 3.20 | 3.92 | 770 | 74.41 | 75.48 |
| 550,001-600,000 | 1,296 | 745,050,070 | 2.78 | 3.91 | 771 | 74.53 | 75.37 |
| 600,001-650,000 | 1,003 | 613,621,464 | 2.29 | 3.91 | 770 | 72.64 | 75.09 |
| 650,001-700,000 | 18 | 12,154,411 | 0.05 | 4.08 | 768 | 73.16 | 73.16 |
| 700,001-750,000 | 16 | 11,549,532 | 0.04 | 4.21 | 778 | 69.83 | 71.30 |
| 750,001-800,000 | 23 | 17,842,154 | 0.07 | 4.16 | 781 | 70.88 | 71.05 |
| 800,001-850,000 | 2 | 1,672,140 | 0.01 | 4.13 | 764 | 75.00 | 75.00 |
| 850,001-900,000 | 2 | 1,751,162 | 0.01 | 4.25 | 792 | 72.45 | 72.45 |
| 900,001 or greater | 2 | 2,023,067 | 0.01 | 4.26 | 791 | 74.47 | 74.47 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 237,053 |  |  |  |  |  |  |


| Gross Mortgage Rates of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Gross Mortgage Rates (\%) | $\begin{array}{\|c\|} \hline \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio $(\%)$ | W.A. <br> Original CLTV Ratio (\%) |
| 2.501-2.750 | 1 | 408,691 | 0.00 | 2.75 | 774 | 70.00 | 70.00 |
| 2.751-3.000 | 20 | 4,469,035 | 0.02 | 2.98 | 759 | 74.53 | 75.97 |
| 3.001-3.250 | 916 | 208,187,163 | 0.78 | 3.24 | 778 | 74.42 | 75.00 |
| 3.251-3.500 | 17,080 | 4,307,357,632 | 16.10 | 3.48 | 776 | 74.40 | 75.17 |
| 3.501-3.750 | 32,037 | 8,146,807,897 | 30.45 | 3.69 | 772 | 74.86 | 75.86 |
| 3.751-4.000 | 38,098 | 9,553,737,552 | 35.71 | 3.93 | 765 | 75.08 | 76.20 |
| 4.001-4.250 | 12,298 | 2,590,536,552 | 9.68 | 4.17 | 749 | 75.10 | 76.28 |
| 4.251-4.500 | 7,416 | 1,286,628,834 | 4.81 | 4.44 | 738 | 75.24 | 76.04 |
| 4.501-4.750 | 3,167 | 448,701,343 | 1.68 | 4.67 | 730 | 76.02 | 76.42 |
| 4.751-5.000 | 1,277 | 152,379,605 | 0.57 | 4.91 | 725 | 76.41 | 76.67 |
| 5.001-5.250 | 445 | 46,632,933 | 0.17 | 5.18 | 715 | 76.65 | 76.89 |
| 5.251-5.500 | 78 | 7,190,552 | 0.03 | 5.43 | 704 | 76.94 | 76.94 |
| 5.501-5.750 | 32 | 2,792,119 | 0.01 | 5.69 | 700 | 77.36 | 77.36 |
| 5.751-6.000 | 3 | 193,984 | 0.00 | 5.88 | 754 | 75.11 | 75.11 |
| 6.001-6.250 | 2 | 178,514 | 0.00 | 6.19 | 674 | 80.00 | 80.00 |
| 6.251-6.500 | 1 | 173,462 | 0.00 | 6.38 | 672 | 80.00 | 80.00 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Seasoning of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Age (Months) | $\begin{array}{\|c\|} \hline \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 10 | 7,185 | 1,708,672,005 | 6.39 | 3.68 | 767 | 74.48 | 75.48 |
| 11 | 32,235 | 7,955,404,716 | 29.73 | 3.74 | 767 | 74.61 | 75.64 |
| 12 | 34,895 | 8,337,489,780 | 31.16 | 3.83 | 766 | 74.91 | 75.94 |
| 13 | 28,478 | 6,648,909,634 | 24.85 | 3.95 | 765 | 75.27 | 76.23 |
| 14 | 9,102 | 1,907,234,480 | 7.13 | 4.10 | 760 | 75.55 | 76.45 |
| 15 | 823 | 164,707,199 | 0.62 | 4.19 | 756 | 75.70 | 76.71 |
| 16 | 153 | 33,958,057 | 0.13 | 4.14 | 761 | 74.45 | 75.08 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 11.99 |  |  |  |  |  |  |


| Original Loan-to-Value Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Original LTV (\%) | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 60.01-65.00 | 9,697 | 2,521,783,295 | 9.42 | 3.80 | 770 | 63.29 | 65.51 |
| 65.01-70.00 | 15,285 | 3,864,290,707 | 14.44 | 3.83 | 766 | 68.34 | 69.91 |
| 70.01-75.00 | 27,402 | 6,548,742,524 | 24.48 | 3.87 | 767 | 73.80 | 74.82 |
| 75.01-80.00 | 60,487 | 13,821,559,344 | 51.66 | 3.85 | 764 | 79.44 | 80.04 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 74.93 |  |  |  |  |  |  |


| Combined Loan-to-Value Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Combined LTV (\%) | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 60.01-65.00 | 8,543 | 2,128,912,783 | 7.96 | 3.80 | 771 | 63.28 | 63.30 |
| 65.01-70.00 | 14,137 | 3,465,025,358 | 12.95 | 3.83 | 766 | 68.22 | 68.38 |
| 70.01-75.00 | 26,188 | 6,147,395,464 | 22.98 | 3.87 | 768 | 73.56 | 73.82 |
| 75.01-80.00 | 58,745 | 13,472,245,971 | 50.35 | 3.84 | 764 | 79.06 | 79.42 |
| 80.01-90.00 | 4,235 | 1,286,942,027 | 4.81 | 3.88 | 760 | 75.44 | 87.13 |
| 90.01-100.00 | 1,023 | 255,854,267 | 0.96 | 3.89 | 756 | 75.95 | 93.90 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 75.93 |  |  |  |  |  |  |


| Credit Scores at Origination of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Credit Scores at Origination | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| 620 | 26 | 4,887,669 | 0.02 | 4.44 | 620 | 73.85 | 75.39 |
| 621-640 | 628 | 103,585,188 | 0.39 | 4.36 | 632 | 75.25 | 75.82 |
| 641-660 | 1,472 | 252,772,341 | 0.94 | 4.28 | 651 | 75.21 | 75.80 |
| 661-680 | 2,914 | 538,047,680 | 2.01 | 4.21 | 671 | 75.46 | 76.37 |
| 681-700 | 5,083 | 1,017,038,961 | 3.80 | 4.06 | 691 | 75.28 | 76.24 |
| 701-720 | 7,646 | 1,699,521,280 | 6.35 | 3.96 | 711 | 75.70 | 76.86 |
| 721-740 | 10,279 | 2,396,560,506 | 8.96 | 3.88 | 731 | 75.35 | 76.74 |
| 741-760 | 14,616 | 3,528,295,593 | 13.19 | 3.83 | 751 | 75.19 | 76.49 |
| 761-780 | 22,345 | 5,590,761,047 | 20.90 | 3.81 | 771 | 74.97 | 76.08 |
| 781-800 | 30,340 | 7,646,858,511 | 28.58 | 3.80 | 791 | 74.72 | 75.61 |
| 801-820 | 17,226 | 3,920,109,899 | 14.65 | 3.79 | 807 | 74.33 | 74.87 |
| 821-840 | 296 | 57,937,193 | 0.22 | 3.83 | 824 | 73.04 | 73.32 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 765 |  |  |  |  |  |  |


| Debt-to-Income Ratio of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Range of Debt-to-Income Ratios (\%) | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio $(\%)$ | W.A. <br> Original CLTV Ratio (\%) |
| Not Available | 11 | 3,528,743 | 0.01 | 3.98 | 771 | 71.47 | 73.44 |
| 0.001-20.000 | 15,235 | 3,374,892,145 | 12.61 | 3.79 | 776 | 74.49 | 75.21 |
| 20.001-25.000 | 15,351 | 3,638,258,220 | 13.60 | 3.80 | 772 | 74.88 | 75.83 |
| 25.001-30.000 | 17,804 | 4,320,005,871 | 16.15 | 3.82 | 769 | 75.07 | 76.08 |
| 30.001-35.000 | 18,656 | 4,513,916,942 | 16.87 | 3.85 | 765 | 75.05 | 76.19 |
| 35.001-40.000 | 19,056 | 4,566,121,805 | 17.07 | 3.87 | 761 | 75.09 | 76.27 |
| 40.001-45.000 | 21,242 | 5,089,979,945 | 19.02 | 3.90 | 756 | 75.07 | 76.20 |
| 45.001-50.000 | 5,489 | 1,243,728,382 | 4.65 | 3.91 | 762 | 74.26 | 74.39 |
| 50.001-52.000 | 27 | 5,943,818 | 0.02 | 3.81 | 762 | 74.39 | 74.39 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Non-Zero Weighted Average | 31.75 |  |  |  |  |  |  |


| Occupancy Status of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Occupancy Status | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid <br> Principal <br> Balance <br> (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| Owner-Occupied | 92,273 | 23,167,338,242 | 86.59 | 3.81 | 765 | 75.02 | 76.16 |
| Investment Property | 13,994 | 2,262,096,489 | 8.45 | 4.27 | 767 | 73.53 | 73.54 |
| Second Home | 6,604 | 1,326,941,138 | 4.96 | 3.82 | 770 | 75.81 | 76.01 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Loan Purpose of the Mortgage Loans |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  | Unpaid <br> Principal <br> Balance <br> $(\%)$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original <br> Credit <br> Score | W.A. <br> Original <br> LTV Ratio <br> (\%) | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| Loans Purpose | Unpaid Principal |  |  |  |  |  |  |
| Balance (\$) |  |  |  |  |  |  |  |


| Property Type of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Property Type | $\begin{gathered} \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \end{gathered}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1-4 Family Dwelling Unit | 72,420 | 16,960,322,653 | 63.39 | 3.85 | 764 | 74.79 | 75.78 |
| PUD | 28,345 | 7,094,393,302 | 26.51 | 3.82 | 767 | 75.30 | 76.51 |
| Condo | 11,175 | 2,502,438,803 | 9.35 | 3.90 | 769 | 74.82 | 75.38 |
| Co-op | 651 | 170,621,256 | 0.64 | 3.92 | 765 | 75.06 | 75.06 |
| Manufactured Housing | 280 | 28,599,855 | 0.11 | 4.05 | 752 | 77.38 | 77.68 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Geographic Concentration of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| State or Territory | Number of <br> Mortgage <br> Loans | Unpaid Principal Balance (\$) | ```Unpaid Principal Balance (%)``` | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original <br> LTV Ratio <br> $(\%)$ | W.A. <br> Original <br> CLTV <br> Ratio (\%) |
| California | 23.050 | 7.262.096.244 | 27.14 | 3.87 | 769 | 73.75 | 74.53 |
| Texas | 7,700 | 1,563,887,005 | 5.84 | 3.88 | 759 | 76.13 | 77.47 |
| New York | 3,851 | 1,157,563,742 | 4.33 | 3.93 | 761 | 74.98 | 75.46 |
| New Jersey | 3,594 | 1,072,523,643 | 4.01 | 3.87 | 762 | 75.16 | 75.79 |
| Colorado | 4,308 | 1,040,339,832 | 3.89 | 3.84 | 769 | 75.26 | 76.91 |
| Illinois | 5,035 | 1,040,039,056 | 3.89 | 3.77 | 765 | 75.14 | 76.70 |
| Massachusetts | 3,621 | 1,019,988,225 | 3.81 | 3.83 | 764 | 74.29 | 75.43 |
| Virginia | 3,242 | 955,775,707 | 3.57 | 3.86 | 768 | 74.68 | 75.74 |
| Washington | 3,683 | 942,207,949 | 3.52 | 3.85 | 768 | 74.76 | 75.87 |
| Florida | 4,231 | 777,986,614 | 2.91 | 3.90 | 760 | 75.85 | 76.22 |
| Pennsylvania | 3,732 | 776,815,721 | 2.90 | 3.83 | 763 | 75.64 | 76.94 |
| Maryland | 2,093 | 613,723,356 | 2.29 | 3.83 | 766 | 74.92 | 76.12 |
| Wisconsin | 3,465 | 601,628,024 | 2.25 | 3.71 | 770 | 75.19 | 76.47 |
| Arizona | 2,985 | 533,759,154 | 1.99 | 3.92 | 766 | 75.62 | 75.94 |
| North Carolina | 2,332 | 487,659,385 | 1.82 | 3.84 | 767 | 75.41 | 76.69 |
| Michigan | 2,613 | 444,921,925 | 1.66 | 3.85 | 766 | 76.09 | 76.87 |
| Oregon | 1,999 | 441,030,993 | 1.65 | 3.83 | 769 | 75.20 | 76.06 |
| Minnesota | 2,101 | 421,684,750 | 1.58 | 3.75 | 767 | 76.03 | 77.64 |
| Ohio | 2,531 | 417,670,171 | 1.56 | 3.82 | 764 | 76.45 | 77.64 |
| Georgia | 2,002 | 412,449,984 | 1.54 | 3.80 | 765 | 75.60 | 76.84 |
| Missouri | 1,984 | 344,327,462 | 1.29 | 3.78 | 764 | 75.43 | 76.46 |
| Connecticut | 1,218 | 311,661,845 | 1.16 | 3.84 | 764 | 75.25 | 75.94 |
| Utah | 1,421 | 288,149,568 | 1.08 | 3.80 | 764 | 75.55 | 76.21 |
| Indiana | 1,684 | 285,256,128 | 1.07 | 3.86 | 761 | 75.94 | 77.40 |
| Tennessee | 1,547 | 282,184,504 | 1.05 | 3.88 | 761 | 76.05 | 77.38 |
| Iowa | 1,497 | 252,554,827 | 0.94 | 3.70 | 765 | 76.15 | 78.16 |
| Hawaii | 637 | 241,597,522 | 0.90 | 3.75 | 765 | 73.57 | 74.66 |
| Louisiana | 1,198 | 232,475,292 | 0.87 | 3.82 | 750 | 75.48 | 76.60 |
| South Carolina | 1,164 | 227,423,897 | 0.85 | 3.85 | 761 | 75.55 | 76.72 |
| Alabama | 1,149 | 216,534,195 | 0.81 | 3.79 | 762 | 75.50 | 76.86 |
| Oklahoma | 1,003 | 174,449,126 | 0.65 | 3.83 | 756 | 76.22 | 77.38 |
| Kentucky | 942 | 161,315,356 | 0.60 | 3.84 | 761 | 75.58 | 77.13 |
| District Of Columbia | 400 | 148,546,325 | 0.56 | 3.90 | 772 | 74.08 | 75.14 |
| Nevada | 925 | 141,502,642 | 0.53 | 3.99 | 762 | 76.43 | 76.54 |
| Nebraska | 773 | 130,034,844 | 0.49 | 3.85 | 767 | 75.64 | 77.07 |
| New Mexico | 638 | 121,875,597 | 0.46 | 3.87 | 765 | 75.66 | 76.50 |
| Montana | 597 | 115,343,319 | 0.43 | 3.73 | 760 | 75.33 | 76.09 |
| Arkansas | 668 | 110,408,374 | 0.41 | 3.79 | 760 | 76.35 | 77.67 |
| Idaho | 678 | 107,854,138 | 0.40 | 3.86 | 765 | 75.99 | 76.66 |
| Kansas | 576 | 104,564,547 | 0.39 | 3.83 | 764 | 76.13 | 77.02 |
| New Hampshire | 477 | 101,258,903 | 0.38 | 3.85 | 766 | 75.79 | 76.58 |
| Mississippi | 532 | 93,147,876 | 0.35 | 3.79 | 756 | 75.86 | 77.59 |
| Rhode Island | 348 | 75,536,906 | 0.28 | 3.87 | 765 | 74.57 | 75.28 |
| Alaska | 301 | 74,532,428 | 0.28 | 3.70 | 752 | 75.46 | 75.83 |
| Delaware | 335 | 74,344,378 | 0.28 | 3.88 | 761 | 75.72 | 76.33 |
| South Dakota | 415 | 68,869,720 | 0.26 | 3.71 | 760 | 76.57 | 78.39 |
| Wyoming | 279 | 56,810,914 | 0.21 | 3.76 | 754 | 75.51 | 76.49 |
| Vermont | 248 | 52,288,008 | 0.20 | 3.92 | 760 | 74.86 | 76.41 |
| Puerto Rico | 376 | 51,922,296 | 0.19 | 3.74 | 742 | 74.42 | 74.71 |
| Maine | 239 | 46,669,118 | 0.17 | 3.88 | 768 | 74.89 | 75.44 |
| North Dakota | 234 | 42,876,199 | 0.16 | 3.76 | 757 | 75.88 | 76.90 |
| West Virginia | 203 | 31,720,097 | 0.12 | 3.90 | 752 | 76.30 | 76.92 |
| Virgin Islands | 15 | 4,290,592 | 0.02 | 4.03 | 756 | 73.51 | 73.51 |
| Guam | 2 | 297,450 | 0.00 | 3.60 | 709 | 73.06 | 73.06 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |

Geographic Concentration of the Mortgage Loans (Top 10 Metropolitan Statistical Areas ("MSA"))

| Top 10 MSAs | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance $(\%)$ | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Los Angeles-Long Beach-Santa Ana, CA | 8,164 | 2,778,136,832 | 10.38 | 3.86 | 768 | 73.64 | 74.35 |
| New York-Northern New JerseyLong Island, NY-NJ-PA | 5,832 | 1,909,514,223 | 7.14 | 3.90 | 762 | 74.96 | 75.46 |
| Non Metro | 10,764 | 1,873,858,436 | 7.00 | 3.81 | 762 | 75.58 | 76.26 |
| San Francisco-Oakland-Fremont, CA | 3,677 | 1,403,627,931 | 5.25 | 3.88 | 771 | 73.34 | 74.42 |
| Washington-Arlington-Alexandria, DC-VA-MD-WV | 3,317 | 1,138,414,640 | 4.25 | 3.85 | 769 | 74.49 | 75.71 |
| Boston-Cambridge-Quincy, MANH | 2,933 | 860,534,810 | 3.22 | 3.84 | 765 | 74.28 | 75.45 |
| Chicago-Naperville-Joliet, IL-INWI | 3,588 | 832,337,208 | 3.11 | 3.82 | 766 | 74.76 | 76.33 |
| San Diego-Carlsbad-San Marcos, CA | 2,368 | 737,926,262 | 2.76 | 3.86 | 771 | 73.69 | 74.42 |
| Seattle-Tacoma-Bellevue, WA | 2,393 | 687,024,018 | 2.57 | 3.84 | 769 | 74.63 | 75.91 |
| San Jose-Sunnyvale-Santa Clara, CA | 1,713 | 662,761,227 | 2.48 | 3.83 | 771 | 72.99 | 73.92 |
| Other | 68,122 | 13,872,240,28 | 51.85 | 3.84 | 764 | 75.52 | 76.62 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Geographic Concentration of the Mortgaged Properties (Top 10 Three-Digit Zip Codes) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Top 10 Three-Digit Zip Codes | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 945xx | 2,154 | 733,723,515 | 2.74 | 3.86 | 770 | 73.87 | 74.88 |
| 926xx | 1,651 | 624,725,053 | 2.33 | 3.84 | 770 | 73.25 | 74.12 |
| 951xx | 1,036 | 384,846,965 | 1.44 | 3.83 | 770 | 73.17 | 74.06 |
| 921xx | 1,106 | 356,429,053 | 1.33 | 3.86 | 772 | 73.45 | 74.20 |
| 913xx | 1,047 | 347,014,535 | 1.30 | 3.85 | 766 | 74.26 | 75.03 |
| 917xx | 1,177 | 340,998,861 | 1.27 | 3.80 | 768 | 73.94 | 74.40 |
| 980xx | 1,112 | 338,360,450 | 1.26 | 3.82 | 770 | 74.69 | 76.32 |
| 928xx | 1,013 | 320,596,769 | 1.20 | 3.84 | 767 | 74.25 | 74.83 |
| 920xx | 990 | 311,398,643 | 1.16 | 3.85 | 770 | 73.84 | 74.62 |
| 201xx | 852 | 292,398,031 | 1.09 | 3.83 | 768 | 74.98 | 75.99 |
| Other | 100,733 | 22,705,883,994 | 84.86 | 3.85 | 765 | 75.12 | 76.14 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |

FannieMae
Original Term to Maturity of the Mortgage Loans

| Original Term to Maturity of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Original Term to Maturity (months) | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 301-342 | 289 | 65,875,041 | 0.25 | 3.82 | 771 | 74.34 | 75.33 |
| 343-348 | 101 | 25,366,067 | 0.09 | 3.94 | 771 | 74.88 | 76.19 |
| 349-354 | 22 | 5,074,310 | 0.02 | 3.62 | 770 | 73.75 | 74.71 |
| 355-360 | 112,459 | 26,660,060,452 | 99.64 | 3.85 | 765 | 74.94 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 360 |  |  |  |  |  |  |


| Remaining Term to Maturity of the Mortgage Loans as of the Cut-off Date |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Remaining Term to Maturity (months) | $\begin{gathered} \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \end{gathered}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 241-300 | 18 | 3,544,369 | 0.01 | 3.96 | 773 | 75.05 | 75.33 |
| 301-360 | 112,853 | 26,752,831,501 | 99.99 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Weighted Average | 348 |  |  |  |  |  |  |


| Seller of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Seller | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| Wells Fargo Bank, N.A. | 24,998 | 6,263,082,999 | 23.41 | 3.88 | 768 | 75.19 | 75.91 |
| JP Morgan Chase Bank | 8,348 | 2,236,197,120 | 8.36 | 3.89 | 768 | 74.62 | 76.02 |
| Flagstar Capital Markets | 6,225 | 1,686,635,839 | 6.30 | 3.76 | 767 | 74.07 | 74.95 |
| Quicken Loans Inc. | 3,413 | 855,323,984 | 3.20 | 3.98 | 765 | 73.96 | 74.67 |
| PHH Mortgage Corporation | 3,062 | 704,002,006 | 2.63 | 3.93 | 765 | 75.21 | 75.94 |
| Pennymac Corporation | 2,615 | 694,377,548 | 2.60 | 3.85 | 764 | 75.07 | 76.00 |
| Stearns Lending, Inc. | 1,804 | 448,846,193 | 1.68 | 3.86 | 765 | 74.29 | 74.97 |
| Ally Bank | 1,846 | 424,405,193 | 1.59 | 3.93 | 759 | 75.21 | 76.06 |
| NYCB Mortgage Company LLC | 1,604 | 417,274,902 | 1.56 | 3.79 | 770 | 74.59 | 75.63 |
| Franklin American Mortgage | 1,923 | 400,107,575 | 1.50 | 3.87 | 759 | 75.59 | 76.65 |
| Other | 57,033 | 12,626,122,510 | 47.19 | 3.82 | 764 | 75.03 | 76.15 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Servicers of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Servicer | $\begin{array}{\|c\|} \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \end{array}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV Ratio (\%) |
| Wells Fargo Bank, N.A. | 24,998 | 6,263,082,999 | 23.41 | 3.88 | 768 | 75.19 | 75.91 |
| JP Morgan Chase Bank | 8,400 | 2,248,186,599 | 8.40 | 3.89 | 768 | 74.63 | 76.02 |
| Flagstar Capital Markets | 5,579 | 1,531,062,089 | 5.72 | 3.77 | 767 | 73.93 | 74.77 |
| Quicken Loans Inc. | 3,439 | 863,957,158 | 3.23 | 3.99 | 764 | 73.96 | 74.68 |
| PNC Bank, N.A. | 3,482 | 789,759,906 | 2.95 | 3.86 | 763 | 75.67 | 77.30 |
| Pennymac Corporation | 2,615 | 694,377,548 | 2.60 | 3.85 | 764 | 75.07 | 76.00 |
| PHH Mortgage Corporation | 2,954 | 649,648,771 | 2.43 | 3.94 | 765 | 75.19 | 75.89 |
| Stearns Lending, Inc. | 1,804 | 448,846,193 | 1.68 | 3.86 | 765 | 74.29 | 74.97 |
| Cole Taylor Bank | 1,644 | 448,683,281 | 1.68 | 3.79 | 768 | 74.60 | 75.76 |
| NYCB Mortgage Company LLC | 1,604 | 417,274,902 | 1.56 | 3.79 | 770 | 74.59 | 75.63 |
| Other | 56,352 | 12,401,496,423 | 46.35 | 3.82 | 764 | 75.03 | 76.12 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Origination Channel of the Mortgage Loans |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
|  |  |  | $\begin{array}{c}\text { Unpaid } \\ \text { Principal }\end{array}$ | $\begin{array}{c}\text { W.A. } \\ \text { Mortgage }\end{array}$ | $\begin{array}{c}\text { W.A. } \\ \text { Original } \\ \text { Credit }\end{array}$ | $\begin{array}{c}\text { W.A. } \\ \text { Original } \\ \text { LTV Ratio } \\ \text { (\%) }\end{array}$ | $\begin{array}{c}\text { W.A. } \\ \text { Original }\end{array}$ |
| CLTV |  |  |  |  |  |  |  |
| Ratio (\%) |  |  |  |  |  |  |  |$)$


| Lien Position of the Mortgage Loans at Origination |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lien Position | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1 | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |

Mortgage Loans with Subordinate Financing at Origination

| Mortgage Loans with Subordinate Financing at Origination | Number of <br> Mortgage <br> Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| No | 104,993 | 24,298,461,786 | 90.81 | 3.85 | 766 | 75.16 | 75.16 |
| Yes | 7,878 | 2,457,914,084 | 9.19 | 3.85 | 762 | 72.74 | 83.60 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| First Payment Date of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First Payment Date | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original <br> Credit <br> Score | W.A. <br> Original <br> LTV Ratio <br> $(\%)$ | W.A. <br> Original CLTV <br> Ratio (\%) |
| May 2012 | 153 | 33,958,057 | 0.13 | 4.14 | 761 | 74.45 | 75.08 |
| June 2012 | 823 | 164,707,199 | 0.62 | 4.19 | 756 | 75.70 | 76.71 |
| July 2012 | 9,102 | 1,907,234,480 | 7.13 | 4.10 | 760 | 75.55 | 76.45 |
| August 2012 | 28,478 | 6,648,909,634 | 24.85 | 3.95 | 765 | 75.27 | 76.23 |
| September 2012 | 34,895 | 8,337,489,780 | 31.16 | 3.83 | 766 | 74.91 | 75.94 |
| October 2012 | 32,235 | 7,955,404,716 | 29.73 | 3.74 | 767 | 74.61 | 75.64 |
| November 2012 | 7,185 | 1,708,672,005 | 6.39 | 3.68 | 767 | 74.48 | 75.48 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Maturity Date of the Mortgage Loans |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Maturity Date (years) | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 2037 | 1 | 76,660 | 0.00 | 4.13 | 705 | 75.00 | 75.00 |
| 2038 | 43 | 9,850,731 | 0.04 | 3.88 | 779 | 74.23 | 74.70 |
| 2039 | 106 | 24,246,675 | 0.09 | 3.84 | 767 | 74.37 | 75.16 |
| 2040 | 126 | 29,283,630 | 0.11 | 3.81 | 772 | 74.34 | 75.65 |
| 2041 | 125 | 30,467,270 | 0.11 | 3.89 | 772 | 74.90 | 76.14 |
| 2042 | 112,470 | 26,662,450,904 | 99.65 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| First Time Homebuyer |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| First Time Homebuyer | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| No | 98,275 | 23,535,544,547 | 87.96 | 3.85 | 767 | 74.53 | 75.57 |
| Yes | 14,596 | 3,220,831,323 | 12.04 | 3.83 | 755 | 77.85 | 78.57 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Number of Borrowers |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Borrowers | Number of Mortgage Loans | Unpaid Principal <br> Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1 | 50,178 | 10,780,346,421 | 40.29 | 3.87 | 765 | 75.24 | 75.99 |
| 2 or more | 62,693 | 15,976,029,448 | 59.71 | 3.83 | 765 | 74.72 | 75.89 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Number of Units |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of Units | $\begin{array}{\|c} \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \\ \hline \end{array}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| 1 | 110,009 | 26,038,452,285 | 97.32 | 3.84 | 765 | 75.00 | 76.02 |
| 2 | 1,942 | 446,141,295 | 1.67 | 4.17 | 761 | 73.06 | 73.16 |
| 3 | 414 | 120,087,412 | 0.45 | 4.26 | 763 | 71.45 | 71.47 |
| 4 | 506 | 151,694,878 | 0.57 | 4.30 | 766 | 71.77 | 71.80 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Mortgage Insurance |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Mortgage Insurance | Number of Mortgage Loans | Unpaid Principal <br> Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| None | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |

Delinquency Status of the Mortgage Loans

| Delinquency Status | Number of Mortgage Loans | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage Rate (\%) | W.A. <br> Original Credit Score | W.A. <br> Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Current | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |


| Historical Delinquency of the Mortgage Loans (Past 12 Months) |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Delinquency Status (Past 12 Months) | $\begin{gathered} \text { Number of } \\ \text { Mortgage } \\ \text { Loans } \end{gathered}$ | Unpaid Principal Balance (\$) | Unpaid Principal Balance (\%) | W.A. <br> Mortgage <br> Rate (\%) | W.A. Original Credit Score | W.A. Original LTV Ratio (\%) | W.A. <br> Original CLTV <br> Ratio (\%) |
| Never Delinquent | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |
| Total | 112,871 | 26,756,375,870 | 100.00 | 3.85 | 765 | 74.93 | 75.93 |

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[^0]:    (1) the Maturity Date;
    (2) the Early Redemption Date; and

[^1]:    * The Early Redemption Date occurs on the first eligible Payment Date.

[^2]:    Bank of America
    Merrill Lynch

