# MCIC 

## MGIC Investment Corporation Q4 2014 Portfolio Supplement

January 20, 2015

## Summary of Loan Modification and HARP Activity



## Primary Risk in Force <br> December 31, 2014



## Primary Risk in Force <br> December 31, 2014



Flow


Wall Street Bulk Transactions


## Primary Risk in Force <br> December 31, 2014



Remaining
Bulk


Flow


Wall Street Bulk Transactions


## Primary Risk in Force <br> December 31, 2014

Total


Remaining
Bulk


Flow


Wall Street Bulk Transactions


## Primary Risk in Force <br> December 31, 2014



## Primary Risk in Force <br> December 31, 2014




ulk Transactions


## Primary Risk in Force

December 31, 2014



Remaining
Bulk
 Bulk Transactions


## Primary Risk in Force <br> December 31, 2014



Note: Charts may not add to $100 \%$ due to rounding. In accordance with industry practice, loans approved by GSE and other automated underwriting (AU) systems under "doc waiver" programs that do not require verification of borrower income are classified by MGIC as "full doc." Based in part on information provide by the GSEs, MGIC estimates full doc loans of this type were approximately $4 \%$ of 2007 NIW. Information for other periods is not available. MGIC understands these AU systems grant such doc waivers for loans they judge to have higher credit quality MGIC also understands that the GSEs terminated their "doc waiver" programs in the second half of 2008.

## Primary Risk in Force <br> December 31, 2014



## Primary Risk in Force <br> December 31, 2014



Remaining
Bulk


Flow


Wall Street Bulk Transactions


## Primary Risk in Force <br> December 31, 2014 <br> Flow



## Primary Risk in Force <br> December 31, 2014

WALL STREET BULK TRANSACTIONS

| Origination Year |  | R Risk lien ons) | Remaining Risk in Force (billions) |  | \% Remaining <br> of Original Risk | \% of Loans <br> Delinquent |  | Number of New Notices Received in Quarter | \% of New <br> Notices that <br> were <br> Previously Delq | $\begin{gathered} <=80 \% \\ \text { LTV } \end{gathered}$ | > 90\% LTV | \% Equity <br> Refinance | \% Pay <br> Option ARM | \% Indexed ARM | \% < 620 | \% CA | \% FL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2004 and Prior | \$ | 22.77 | \$ | 0.82 | 3.6\% | 23.1\% | 32.1\% | 1,794 | 93.7\% | 35.9\% | 12.0\% | 63.8\% | 0.0\% | 19.7\% | 42.0\% | 11.9\% | 8.2\% |
| 2005 | \$ | 5.82 | \$ | 0.62 | 10.7\% | 31.0\% | 21.8\% | 743 | 93.8\% | 20.6\% | 22.5\% | 67.5\% | 0.2\% | 21.1\% | 45.8\% | 15.4\% | 15.9\% |
| 2006 | \$ | 3.79 | \$ | 0.83 | 21.8\% | 38.8\% | 14.0\% | 753 | 94.6\% | 22.0\% | 30.6\% | 63.4\% | 4.4\% | 18.1\% | 49.6\% | 17.4\% | 18.0\% |
| 2007 | \$ | 0.92 | \$ | 0.32 | 34.9\% | 42.1\% | 20.4\% | 328 | 95.1\% | 18.7\% | 29.6\% | 70.6\% | 0.5\% | 18.6\% | 52.7\% | 10.6\% | 16.5\% |


| Origination Year |  |  | Remaining Risk in Force (billions) |  | \% Remaining <br> of Original Risk | \% of Loans <br> Delinquent | \% of Loans <br> Never <br> Delinquent | Number of New Notices Received in Quarter | \% of New <br> Notices that were Previously Delq | $\begin{gathered} <=80 \% \\ \text { LTV } \end{gathered}$ | $>90 \%$ LTV | \% Equity <br> Refinance | \% Pay Option ARM | \% Indexed <br> ARM | \% < 620 | \% CA | \% FL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2004 and Prior | \$ | 6.34 | \$ | 0.13 | 2.0\% | 21.2\% | 35.9\% | 357 | 92.7\% | 50.1\% | 11.8\% | 55.7\% | 0.0\% | 13.0\% | 38.3\% | 8.2\% | 6.8\% |
| 2005 | \$ | 0.70 | \$ | 0.00 | 0.3\% | 16.7\% | 54.2\% | 8 | 100.0\% | 0.0\% | 67.4\% | 8.5\% | 0.0\% | 48.6\% | 29.5\% | 4.8\% | 3.8\% |
| 2006 | \$ | 2.19 | \$ | 0.17 | 7.9\% | 17.6\% | 52.3\% | 159 | 84.3\% | 17.3\% | 57.0\% | 30.5\% | 0.0\% | 4.9\% | 22.0\% | 5.1\% | 11.5\% |
| 2007 | \$ | 1.10 | \$ | 0.43 | 39.0\% | 14.1\% | 58.6\% | 301 | 89.0\% | 0.7\% | 80.6\% | 12.2\% | 0.0\% | 1.5\% | 4.4\% | 14.3\% | 10.8\% |
| 2008 | \$ | 0.18 | \$ | 0.03 | 17.2\% | 4.1\% | 86.9\% | 5 | 60.0\% | 0.1\% | 81.9\% | 3.9\% | 0.0\% | 0.0\% | 3.5\% | 0.5\% | 1.9\% |

Percentages based on remaining risk in force except for delinquency statistics which are based on the number of remaining loans.
Year of origination as displayed is determined by the calendar date the insurance was effective.

## Delinquency and Claim Data Primary Insurance - Flow Only <br> December 31, 2014

|  | Delinquency | Delinquent | Delinquency |  |  | Delinquent Reduced | Delinquency |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  | Delinquency Rate | Number of Loans Where the FICO | Rate Where the FICO Score |  |  |  |
| Prime | Rate Prime | A Minus |  | Sub-Prime | Rate Sub- | Documentation | Documentation | Score Was Not | Was Not | Loans | Delinquency | Ever to Date <br> Paid Claims |
| Loans | Loans | Loans | Rate A Minus | Loans | Prime | Loans (1) | Loans (1) | Reported | Reported | Delinquent | Rate | (millions) |


| 2003 and Prior | 5,264 | 16.34\% | 1,135 | 28.87\% | 327 | 33.06\% | 410 | 18.99\% | 148 | 7.66\% | 7,284 | 17.67\% |  | N.M. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 2004 | 3,349 | 13.33\% | 602 | 24.30\% | 123 | 31.22\% | 432 | 23.97\% | 63 | 12.60\% | 4,569 | 15.08\% | \$ | 823.4 |
| 2005 | 4,916 | 11.75\% | 788 | 23.84\% | 139 | 32.10\% | 955 | 29.22\% | 147 | 11.29\% | 6,945 | 13.85\% | \$ | 1,322.2 |
| 2006 | 6,760 | 11.41\% | 1,358 | 22.46\% | 315 | 32.61\% | 1,488 | 28.20\% | 191 | 13.65\% | 10,112 | 13.86\% | \$ | 1,890.3 |
| 2007 | 15,149 | 11.53\% | 3,682 | 26.63\% | 412 | 37.49\% | 2,058 | 22.80\% | 210 | 15.04\% | 21,511 | 13.73\% | \$ | 3,899.0 |
| 2008 | 5,951 | 7.10\% | 491 | 26.64\% | 15 | 32.61\% | 214 | 17.05\% | 27 | 10.89\% | 6,698 | 7.68\% | \$ | 920.8 |
| 2009 | 648 | 2.26\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | 648 | 2.25\% | \$ | 44.8 |
| 2010 | 300 | 1.27\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | 300 | 1.27\% | \$ | 9.5 |
| 2011 | 260 | 0.76\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | 260 | 0.76\% | \$ | 3.8 |
| 2012 | 316 | 0.37\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | 316 | 0.37\% | \$ | 1.5 |
| 2013 | 335 | 0.27\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | 335 | 0.27\% | \$ | 0.1 |
| 2014 | 133 | 0.09\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | - | 0.00\% | 133 | 0.09\% | \$ | - |
| Total | 43,381 | 5.26\% | 8,056 | 25.63\% | 1,331 | 33.89\% | 5,557 | 24.38\% | 786 | 11.46\% | 59,111 | 6.65\% |  |  |

## Flow Primary Risk in Force December 31, 2014

Static Pool Delinquency Rates Based on Loan Count




# Cumulative Rescission Rates by Quarter Claim Received December 31, 2014 

(Count Based)


1) Rescission rates include claims that have been rescinded or denied that would have otherwise been charged to a deductible.
2) Rescission Rate $=$ Number of Rescinded Claims / Total Number of Claims Received in the Quarter

## New Insurance Written Characteristics

## Q4 2014

| $>$ | $84 \%$ | 700 and $>$ credit score |
| ---: | ---: | ---: |
| Weighted Average FICO: 748 |  |  |
| $>$ |  |  |
| $>17.0 \%$ | Single Premium |  |
| $>$ | $13.0 \%$ | $<85.01 \%$ LTV |
| $>$ | $31.7 \%$ | $85.01-90 \%$ LTV |
| $>$ | $53.4 \%$ | $90.01-95 \% ~ L T V$ |
| $>$ | $1.9 \%$ | $>95 \% ~ L T V$ |

## Total Insurance Cost over 5 Years



## Assumptions:

$\$ 200,000$ loan amount at $4.5 \%$ interest for a 30 year fixed rate mortgage. FHA cost is total of upfront FHA premium of 1.75\% times the original loan amount plus 80 basis points annually on the outstanding loan amount. MI cost is the annual borrower paid premium assuming a level monthly payment premium plan. MGIC Borrower Paid Monthly Premiums, go to http://www.mgic.com/pdfs/71-61210_bpmi_monthly.pdf for more detail.

## Conventional Loan with MI vs. FHA Insured Loan Monthly Payment Comparison (i)

|  | Estimated Monthly <br> Payment Using FHA <br> Insurance <br> Before FHA | Estimated Monthly <br> Payment Using <br> FHA Insurance <br> After FHA Premium <br> Reduction | Estimated <br> Monthly <br> Payment <br> Using MGIC <br> Insurance |
| :---: | :---: | :---: | :---: |
| $90 \%$ LTV | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,010$ |
| 760 and $>$ | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,018$ |
| $720-739$ | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,018$ |
| $700-719$ | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,054$ |
| $680-699$ | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,054$ |
| $660-679$ | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,106$ |
| $640-659$ | $\$ 1,160$ | $\$ 1,078$ | $\$ 1,120$ |
| $620-639$ |  | $\$ 1,078$ | $\$ 1,135$ |

1) Monthly payment only, no consideration given for the fact that FHA is non-cancellable and results in less equity build up due to up-front premium being added to the loan amount.

## Conventional Loan with MI vs. FHA Insured Loan Monthly Payment Comparison (1)

|  | Estimated Monthly <br> Payment Using FHA <br> Insurance <br> Before FHA <br> Premium Reduction | Estimated Monthly <br> Payment Using <br> FHA Insurance <br> After FHA Premium <br> Reduction | Estimated <br> Monthly <br> Payment <br> Using MGIC <br> Insurance |
| :---: | :---: | :---: | :---: |
| $95 \%$ LTV | $\$ 1,225$ | $\$ 1,138$ | $\$ 1,092$ |
| 760 and $>$ | $\$ 1,225$ | $\$ 1,138$ | $\$ 1,106$ |
| $740-759$ | $\$ 1,225$ | $\$ 1,138$ | $\$ 1,106$ |
| $700-719$ | $\$ 1,225$ | $\$ 1,138$ | $\$ 1,168$ |
| $680-699$ | $\$ 1,225$ | $\$ 1,138$ | Private MI Monthly <br> Payment Cheaper than <br> FHA After Price <br> Reduction |
| $660-679$ | $\$ 1,225$ | $\$ 1,138$ | $\$ 1,244$ |
| $640-659$ | $\$ 1,225$ | $\$ 1,138$ | R |
| $620-639$ | $\$ 1,225$ | $\$ 1,259$ | Private MI Monthly <br> Payment Cheaper than <br> FHA Before Price <br> Reduction |

## Assumptions

\$220,000 Purchase Price, Owner-Occupied
MGIC Borrower Paid Monthly Premiums, go to htto:/www maic com/polfs/71-61210 bpmi monthly.pdf for more detail
Conventional 30-Year FRM Rate of $4.00 \%$ to 4.625 depending on FICO score
FHA 30-Year FRM Rate of 3.875\%
GSE Loan Level Price Adjustments dated January 8, 2015 are considered
FHA Upfront Premium is added to loan amount
All other closing costs and third-party fees are the same

1) Monthly payment only, no consideration given for the fact that FHA is non-cancellable and results in less equity build up due to up-front premium being added to the loan amount.
