

## **ECONOMICS AND MORTGAGE MARKET ANALYSIS**

## **Housing Forecast: February 2011**

| ı                                       | 2009  |                |              |        | l 2010 l     |                |        |        | 2011 I       |       |                      |               | 2012         |                            |              |              |        |        |        |        |        |
|-----------------------------------------|-------|----------------|--------------|--------|--------------|----------------|--------|--------|--------------|-------|----------------------|---------------|--------------|----------------------------|--------------|--------------|--------|--------|--------|--------|--------|
|                                         | 09.1  | 09.2           | 09.3         | 09.4   | 10.1         | 10.2           | 10.3   | 10.4   | 11.1         | 11.2  | 11.3                 | 11.4          | 12.1         | 12.2                       | 12.3         | 12.4         | 2009   | 2010   | 2011   | 2012   | 2013   |
| Housing Starts and Sales (saar, Thous)  |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Housing Starts                          | 530   | 537            | 586          | 565    | 617          | 602            | 588    | 538    | 585          | 640   | 731                  | 812           | 890          | 995                        | 1,110        | 1,213        | 554    | 588    | 692    | 1,052  | 1,464  |
| Single-Family (1 unit)                  | 362   | 423            | 496          | 488    | 524          | 491            | 435    | 436    | 465          | 500   | 575                  | 640           | 695          | 775                        | 870          | 953          | 445    | 471    | 545    | 823    | 1,164  |
| percent change                          |       |                |              |        |              |                |        |        |              |       |                      |               |              |                            |              |              | -28.5% | 5.8%   | 15.7%  | 51.1%  | 41.4%  |
| Multifamily (2+ units)                  | 168   | 114            | 90           | 76     | 93           | 111            | 153    | 102    | 120          | 140   | 156                  | 172           | 195          | 220                        | 240          | 260          | 109    | 117    | 147    | 229    | 300    |
| New Home Sales                          | 353   | 368            | 401          | 373    | 360          | 335            | 291    | 296    | 334          | 343   | 395                  | 440           | 468          | 524                        | 591          | 648          | 375    | 321    | 378    | 558    | 796    |
| percent change                          | 4.040 | 4 700          | <b>5</b> 000 | - 070  | <b>5</b> 440 | <b>5 5 7 0</b> | 4.400  | 4 000  | <b>5.004</b> | F 470 | <b>5</b> 000         | 5 0 40        | <b>5</b> 440 | <b>- - - - - - - - - -</b> | <b>5 505</b> | <b>5</b> 000 | -22.7% | -14.5% | 17.8%  | 47.6%  | 42.7%  |
| Total Existing Home Sales               | 4,610 | 4,780          | 5,280        | 5,970  | 5,140        | 5,570          | 4,163  | 4,803  | 5,064        | 5,170 | 5,232                | 5,348         | 5,419        | 5,507                      | 5,595        | 5,699        | 5,156  | 4,908  | 5,204  | 5,555  | 5,734  |
| percent change                          | 4.000 | <b>5</b> 4 4 0 | E 004        | 0.040  | <b>5 500</b> | <b>5</b> 005   | 4 455  | - 400  | <b>5</b> 000 | 5 540 | <b>5</b> 00 <b>7</b> | <b>5 7</b> 00 | F 007        | 0.004                      | 0.405        | 0.047        | 4.9%   | -4.8%  | 6.0%   | 6.8%   | 3.2%   |
| Total Home Sales (new + existing)       | 4,963 | 5,148          | 5,681        | 6,343  | 5,500        | 5,905          | 4,455  | 5,100  | 5,398        | 5,513 | 5,627                | 5,788         | 5,887        | 6,031                      | 6,185        | 6,347        | 5,531  | 5,229  | 5,582  | 6,113  | 6,529  |
| percent change                          |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              | 2.5%   | -5.5%  | 6.7%   | 9.5%   | 6.8%   |
|                                         |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Home Prices (NSA, thous. \$)            |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Median New                              | 207.8 | 218.7          | 212.6        | 218.8  | 221.6        | 219.4          | 222.2  | 219.5  | 218.1        | 211.9 | 218.3                | 217.8         | 218.2        | 214.1                      | 222.0        | 222.9        | 216.7  | 221.9  | 216.5  | 219.3  | 230.1  |
| Median Total Existing                   | 167.6 | 174.4          | 178.1        | 170.8  | 166.4        | 176.6          | 177.0  | 169.8  | 163.7        | 170.6 | 173.9                | 168.4         | 163.8        | 172.4                      | 176.8        | 172.4        | 172.5  | 173.0  | 169.2  | 171.3  | 179.8  |
| FHFA Index (YOY % change Purchase Only) | -7.1% | -5.9%          | -3.9%        | -1.5%  | -3.2%        | -1.7%          | -3.1%  | -2.2%  | -1.4%        | -2.6% | -0.9%                | -0.1%         | 1.8%         | 1.6%                       | 2.3%         | 2.9%         | -1.5%  | -2.2%  | -0.1%  | 2.9%   | 5.5%   |
| `                                       |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Interest Rates, Percent                 |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Yield on 10-yr Treasury Notes (%)       | 2.74  | 3.31           | 3.52         | 3.46   | 3.7          | 3.5            | 2.8    | 2.9    | 3.5          | 3.5   | 3.6                  | 3.8           | 3.9          | 4.0                        | 4.1          | 4.2          | 3.3    | 3.2    | 3.6    | 4.0    | 4.4    |
| 30-year fixed mortgage rate (%)         | 5.06  | 5.03           | 5.16         | 4.92   | 5.0          | 4.9            | 4.4    | 4.4    | 4.9          | 5.1   | 5.3                  | 5.4           | 5.5          | 5.6                        | 5.7          | 5.8          | 5.0    | 4.7    | 5.2    | 5.6    | 6.0    |
| 1-year mortgage rate (%)                | 4.88  | 4.83           | 4.72         | 4.43   | 4.3          | 4.0            | 3.6    | 3.3    | 3.4          | 3.6   | 3.7                  | 3.8           | 4.0          | 4.1                        | 4.2          | 4.4          | 4.7    | 3.8    | 3.7    | 4.2    | 4.7    |
|                                         |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Originations (NSA, bil. \$)             |       |                |              |        |              |                |        | l      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| Mortgage Originations                   | 475   | 596            | 425          | 421    | 303          | 340            | 413    | 475    | 269          | 265   | 269                  | 231           | 211          | 304                        | 323          | 290          | 1,917  | 1,530  | 1,034  | 1,128  | 1,390  |
| Purchase                                | 109   | 157            | 162          | 161    | 105          | 174            | 130    | 120    | 114          | 190   | 197                  | 167           | 156          | 242                        | 258          | 222          | 589    | 530    | 669    | 879    | 1,059  |
| Refi                                    | 366   | 439            | 263          | 260    | 197          | 166            | 283    | 355    | 155          | 75    | 72                   | 64            | 55           | 62                         | 65           | 68           | 1,328  | 1,001  | 365    | 249    | 331    |
| Refi Share (%)                          | 77%   | 74%            | 62%          | 62%    | 65%          | 49%            | 68%    | 75%    | 58%          | 28%   | 27%                  | 28%           | 26%          | 20%                        | 20%          | 23%          | 69%    | 65%    | 35%    | 22%    | 24%    |
| Liquidations                            | 463   | 626            | 490          | 467    | 397          | 386            | 465    | 509    | 348          | 318   | 300                  | 263           | 228          | 277                        | 287          | 256          | 2,045  | 1.757  | 1.230  | 1.048  | 1.187  |
| Elquidationo                            | 100   | 020            | 100          | .07    | 001          | 000            | 100    |        | 0.0          | 0.0   | 000                  | 200           |              |                            | 201          | 200          | 2,010  | 1,707  | 1,200  | 1,010  | 1,101  |
| Mortgage Debt Outstanding               |       |                |              |        |              |                |        | I      |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| MDO Single-Family First Lien            | 9,969 | 9,939          | 9,875        | 9,829  | 9,735        | 9,689          | 9,637  | 9,602  | 9,523        | 9,469 | 9,438                | 9,406         | 9,389        | 9,416                      | 9,452        | 9,486        | 9,829  | 9,602  | 9,406  | 9,486  | 9,690  |
| % Change                                | 0.5%  | -1.2%          | -2.6%        | -1.9%  | -3.8%        | -1.9%          | -2.2%  | -1.4%  | -3.2%        | -2.2% | -1.3%                | -1.3%         | -0.7%        | 1.2%                       | 1.5%         | 1.5%         | -1.3%  | -2.3%  | -2.0%  | 0.9%   | 2.1%   |
| MDO Total Single-Family                 |       |                |              | 10,861 | 10,748       |                | 10,612 | 10,574 |              |       | 10,393               | 10,358        | 10,339       | 10,369                     | 10,409       | 10,447       | 10,861 | 10,574 | 10,358 | 10,447 | 10,670 |
| % Change                                | -0.2% | -1.9%          | -3.1%        | -2.4%  | -4.1%        | -2.3%          | -2.7%  | -1.4%  | -3.2%        | -2.2% | -1.3%                | -1.3%         | -0.7%        | 1.2%                       | 1.5%         | 1.5%         | -1.9%  | -2.6%  | -2.0%  | 0.9%   | 2.1%   |
|                                         |       |                |              |        |              |                |        |        |              |       |                      |               |              |                            |              |              |        |        |        |        |        |
| ARM Share of Applications (% of conv#)  | 2.2%  | 3.5%           | 6.3%         | 5.5%   | 4.9%         | 6.0%           | 6%     | 5%     | 7%           | 14%   | 16%                  | 17%           | 18%          | 19%                        | 19%          | 18%          | 4%     | 5%     | 14%    | 18%    | 17%    |

February 10, 2011

Notes: Interest rate forecasts are based on rates from January 31, 2011.

Note: Unshaded areas denote actuals. Shaded areas denote forecasts.

Source: Actuals: Census, Bureau of Labor Statistics, Federal Reserve, Mortgage Bankers Association, National Association of REALTORS®, FHFA; Forecasts: Fannie Mae Economics and Mortgage Market Analysis

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