

## July 2022 Highlights - Foreclosure Prevention

## The Enterprises' Foreclosure Prevention Actions:

- The Enterprises completed 23,874 foreclosure prevention actions in July, bringing the total to $6,614,876$ since the start of the conservatorships in September 2008. Approximately 39 percent of these actions have been permanent loan modifications.
- There were 8,925 permanent loan modifications in July, bringing the total to 2,591,941 since the conservatorships began in September 2008.
- Approximately 65 percent of loan modifications in July include reduce rate and extend-term. Modifications with principal forbearance accounted for 11 percent of all loan modifications during the month.
- The number of borrowers who received payment deferrals after completing a COVID-19 related forbearance plan decreased 17 percent from 12,816 in June to 10,631 in July.
- Initiated forbearance plans decreased from 14,410 in June to 13,453 in July. The total number of loans in forbearance decreased from 90,889 at the end of June to 84,385 at the end of July, representing approximately 0.27 percent of the total loans serviced, and 16 percent of the total delinquent loans.


## The Enterprises' Mortgage Performance:

- The 30-59 days delinquency rate increased to 0.84 percent while the serious delinquency rate declined to 0.75 percent at the end of July.


## The Enterprises' Foreclosures:

- Third-party and foreclosure sales decreased to 1,176 while foreclosure starts declined to 5,424 in July.


## July 2022 Highlights - Refinance Activities

- Total refinance volume decreased in July 2022 amid rising mortgage rates through June. Mortgage rates fell in July: the average interest rate on a 30-year fixed rate mortgage decreased to 5.41 percent from a June level of 5.52 percent, representing levels last observed in 2008.
- The percentage of borrowers refinancing into shorter term 15 -year fixed rate mortgages decreased to 17 percent in July, with borrowers finding the greater monthly affordability of 30 -year fixed rate mortgages amid rising rates more attractive than the increased interest rate savings of 15 -year fixed rate mortgages which inched toward one percent.


This is the monthly version of the Foreclosure Prevention and Refinance Report. FHFA produces monthly and quarterly versions of the Foreclosure Prevention and Refinance Report. In addition to the data provided in the monthly reports, the quarterly reports include the following information: benchmarking of the Enterprises' delinquency rates, types and depth of loan modifications, performance of modified loans, and state level data.

Enterprises' 60-plus-days Delinquency Rates 60-plus-days delinquency rate decreased in July.


 | 2015 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Source: FHFA (Fannie Mae and Freddie Mac)
Completed Loan Modifications Loan modifications decreased 18 percent in July.


Source: FHFA (Fannie Mae and Freddie Mac)
*Consists of HomeSaver Advance (Fannie Mae) and Charge-offs-in-lieu.
**Include loans that were $30+$ days delinquent at initiation of the plan.
${ }^{* * *}$ Includes loans with missing delinquency status.

Foreclosure Prevention Actions Completed
Foreclosure prevention actions decreased 17 percent in July primarily driven by the decrease in loan modifications,
80,000
forbearance plans and payment deferrals.


Source: FHFA (Fannie Mae and Freddie Mac)
Loan Modifications by Delinquency Status
Approximately 66 percent of borrowers who received modification
in July were one year or more delinquent.


Source: FHFA (Fannie Mae and Freddie Mac)

## Completed Foreclosure Prevention Actions

Since the first full quarter in conservatorship (4Q08), combined completed foreclosure prevention actions total $\mathbf{6 , 6 1 4 , 8 7 6}$. Approximately 39 percent of these actions are permanent loan modifications.

|  | 2019 | 2020 | 2021 | $\begin{aligned} & \text { YTD } \\ & \text { Jul-22 } \end{aligned}$ | Conservatorship to Date ${ }^{1}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Home Retention Actions |  |  |  |  |  |
| Repayment Plans | 25,106 | 23,881 | 11,534 | 7,097 | 1,004,477 |
| Forbearance Plans | 14,895 | 675,194 | 206,908 | 43,801 | 1,195,284 |
| Charge-offs-in-lieu | 1,493 | 954 | 976 | 302 | 20,066 |
| Payment Deferral |  | 426,557 | 492,076 | 110,273 | 1,028,906 |
| HomeSaver Advance (Fannie) |  | - |  |  | 70,178 |
| Loan Modifications ${ }^{2}$ | 75,961 | 50,884 | 62,411 | 88,564 | 2,591,941 |
| Total | 117,455 | 1,177,470 | 773,905 | 250,037 | 5,910,852 |
| Nonforeclosure - Home Forfeiture Actions |  |  |  |  |  |
| Short Sales | 4,053 | 2,936 | 1,585 | 416 | 605,924 |
| Deeds-in-lieu | 1,622 | 881 | 535 | 145 | 98,100 |
| Total | 5,675 | 3,817 | 2,120 | 561 | 704,024 |
| Total Foreclosure Prevention Actions | 123,130 | 1,181,287 | 776,025 | 250,598 | 6,614,876 |
| ${ }^{1}$ Since the first full quarter in conservatorship (4Q08). <br> ${ }^{2}$ Includes HAMP permanent modifications. |  |  |  |  |  |

Source: FHFA (Fannie Mae and Freddie Mac)

## Forbearance Plans Inventory

The total number of loans in forbearance plans continued to trend downward since its peak in May 2020, but remained elevated through July 2022 compared with pre-pandemic levels. As of July 31, 2022, there were 84,385 loans in forbearance, representing approximately 0.27 percent of the Enterprises single-family conventional book of business, down from 90,889 or 0.29 percent at the end of June. Approximately 6 percent of these loans have been in forbearance for more than 12 months.


* See page 10 for data on forbearance plans initiated and completed during the month and pages 15-17 for forbearance plans inventory by state.

Source: FHFA (Fannie Mae and Freddie Mac)

Short Sales
Completed short sales decreased 18 percent in July.


Source: FHFA (Fannie Mae and Freddie Mac)

Foreclosure Sales and Third-party Sales
Foreclosure and third-party sales decreased 6 percent in July.


Source: FHFA (Fannie Mae and Freddie Mac)

1 (i) Enterprises Combined - Mortgage Performance (at period end)

| (\# of loans in thousands) | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Loans Serviced | 29,792 | 29,934 | 30,040 | 30,149 | 30,256 | 30,387 | 30,558 | 30,657 | 30,760 | 30,812 | 30,862 | 30,894 | 30,919 |
| Original Credit Score $>=660$ | 27,945 | 28,095 | 28,206 | 28,328 | 28,440 | 28,581 | 28,749 | 28,849 | 28,953 | 29,011 | 29,064 | 29,101 | 29,130 |
| Original Credit Score < 660 | 1,848 | 1,839 | 1,834 | 1,821 | 1,815 | 1,806 | 1,808 | 1,808 | 1,806 | 1,801 | 1,798 | 1,794 | 1,790 |
| Total Delinquent Loans | 797 | 761 | 728 | 712 | 670 | 638 | 619 | 652 | 549 | 545 | 530 | 526 | 537 |
| Original Credit Score $>=660$ | 610 | 582 | 553 | 541 | 507 | 483 | 467 | 497 | 412 | 409 | 398 | 393 | 399 |
| Original Credit Score < 660 | 188 | 179 | 174 | 171 | 163 | 155 | 152 | 155 | 137 | 136 | 132 | 133 | 137 |
| 30-59 Days Delinquent | 203 | 206 | 219 | 245 | 234 | 232 | 231 | 281 | 208 | 229 | 232 | 242 | 260 |
| Original Credit Score > $=660$ | 152 | 155 | 165 | 187 | 178 | 176 | 176 | 219 | 158 | 175 | 178 | 184 | 196 |
| Original Credit Score < 660 | 51 | 51 | 54 | 58 | 56 | 55 | 55 | 61 | 50 | 55 | 55 | 58 | 64 |
| 60-89 Days Delinquent | 54 | 53 | 55 | 58 | 57 | 56 | 56 | 60 | 55 | 50 | 51 | 53 | 58 |
| Original Credit Score $>=660$ | 39 | 38 | 39 | 42 | 42 | 40 | 40 | 44 | 40 | 36 | 37 | 38 | 42 |
| Original Credit Score < 660 | 15 | 15 | 15 | 16 | 16 | 15 | 16 | 16 | 15 | 14 | 14 | 15 | 16 |
| 60-plus-days Delinquent | 594 | 556 | 509 | 467 | 435 | 406 | 388 | 371 | 341 | 316 | 298 | 284 | 276 |
| Original Credit Score $>=660$ |  | 428 | 388 | 354 | 329 | 307 | 292 | 278 | 255 | 234 | 221 | 209 | 203 |
| Original Credit Score < 660 | 137 | 128 | 120 | 113 | 106 | 100 | 97 | 94 | 87 | 81 | 78 | 75 | 73 |

## Percent of Total Loans Serviced

| Total Delinquent Loans | 2.68\% | 2.54\% | 2.42\% | 2.36\% | 2.21\% | 2.10\% | 2.03\% | 2.13\% | 1.79\% | 1.77\% | 1.72\% | 1.70\% | 1.74\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Original Credit Score > $=660$ | 2.18\% | 2.07\% | 1.96\% | 1.91\% | 1.78\% | 1.69\% | 1.63\% | 1.72\% | 1.42\% | 1.41\% | 1.37\% | 1.35\% | 1.37\% |
| Original Credit Score < 660 | 10.17\% | 9.72\% | 9.50\% | 9.40\% | 8.97\% | 8.56\% | 8.40\% | 8.58\% | 7.59\% | 7.57\% | 7.35\% | 7.43\% | 7.67\% |
| 30-59 Days Delinquent | 0.68\% | 0.69\% | 0.73\% | 0.81\% | 0.77\% | 0.76\% | 0.76\% | 0.92\% | 0.68\% | 0.74\% | 0.75\% | 0.78\% | 0.84\% |
| Original Credit Score $>=660$ | 0.54\% | 0.55\% | 0.59\% | 0.66\% | 0.63\% | 0.62\% | 0.61\% | 0.76\% | 0.54\% | 0.60\% | 0.61\% | 0.63\% | 0.67\% |
| Original Credit Score < 660 | 2.77\% | 2.76\% | 2.93\% | 3.17\% | 3.11\% | 3.05\% | 3.05\% | 3.39\% | 2.78\% | 3.04\% | 3.03\% | 3.25\% | 3.57\% |
| 60-89 Days Delinquent | 0.18\% | 0.18\% | 0.18\% | 0.19\% | 0.19\% | 0.18\% | 0.18\% | 0.20\% | 0.18\% | 0.16\% | 0.17\% | 0.17\% | 0.19\% |
| Original Credit Score $>=660$ | 0.14\% | 0.14\% | 0.14\% | 0.15\% | 0.15\% | 0.14\% | 0.14\% | 0.15\% | - $0.14 \%$ | 0.13\% | -0.13\% | 0.13\% | 0.14\% |
| Original Credit Score < 660 | 0.81\% | 0.80\% | 0.84\% | 0.87\% | 0.88\% | 0.85\% | 0.88\% | 0.91\% | 0.82\% | 0.78\% | 0.79\% | 0.84\% | 0.92\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60-plus-days Delinquent | 1.99\% | 1.86\% | 1.69\% | 1.55\% | 1.44\% | 1.34\% | 1.27\% | 1.21\% | 1.11\% | 1.03\% | 0.97\% | 0.92\% | 0.89\% |
| Original Credit Score > $=660$ | 0.00\% | 1.52\% | 1.38\% | 1.25\% | 1.16\% | 1.07\% | 1.01\% | 0.96\% | 0.88\% | 0.81\% | 0.76\% | 0.72\% | 0.70\% |
| Original Credit Score < 660 | 7.40\% | 6.96\% | 6.56\% | 6.23\% | 5.86\% | 5.51\% | 5.35\% | 5.19\% | 4.81\% | 4.52\% | 4.31\% | 4.18\% | 4.10\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Serious Delinquency Rate | 1.86\% | 1.72\% | 1.55\% | 1.40\% | 1.29\% | 1.19\% | 1.12\% | 1.06\% | 0.97\% | 0.90\% | 0.84\% | 0.79\% | 0.75\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| In Bankruptcy | 0.07\% | 0.07\% | 0.07\% | 0.06\% | 0.06\% | 0.06\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |

1 (ii) Fannie Mae - Mortgage Performance (at period end)

| (\# of loans in thousands) | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Loans Serviced | 17,482 | 17,485 | 17,481 | 17,479 | 17,486 | 17,527 | 17,596 | 17,627 | 17,663 | 17,678 | 17,696 | 17,701 | 17,696 |
| Original Credit Score $>=660$ | 16,325 | 16,341 | 16,344 | 16,356 | 16,372 | 16,424 | -16,495 | 16,529 | -16,568 | 16,589 | 16,610 | 16,620 | 16,618 |
| Original Credit Score < 660 | 1,157 | 1,145 | 1,137 | 1,123 | 1,114 | 1,103 | 1,101 | 1,098 | 1,095 | 1,089 | 1,087 | 1,082 | 1,078 |
| Total Delinquent Loans | 499 | 476 | 453 | 447 | 414 | 394 | 384 | 405 | 339 | 336 | 325 | 324 | 328 |
| Original Credit Score $>=660$ | 376 | 360 | 340 | 335 | 309 | 294 | 286 | 305 | 251 | 248 | 240 | 238 | 241 |
| Original Credit Score < 660 | 123 | 116 | 114 | 111 | 105 | 100 | 98 | 100 | 88 | 88 | 85 | 86 | 88 |
| 30-59 Days Delinquent | 126 | 129 | 135 | 155 | 145 | 140 | 142 | 172 | 126 | 139 | 139 | 148 | 158 |
| Original Credit Score > $=660$ | 92 | 96 | 100 | 117 | 108 | 105 | 107 | 133 | 94 | 104 | 104 | 111 | 117 |
| Original Credit Score < 660 | 34 | 33 | 35 | 38 | 37 | 35 | 35 | 39 | 32 | 35 | 35 | 37 | 41 |
| 60-89 Days Delinquent | 34 | 33 | 34 | 36 | 36 | 34 | 34 | 37 | 34 | 31 | 32 | 33 | 36 |
| Original Credit Score $>=660$ | 24 | 23 | 24 | 26 | 25 | 24 | 24 | 27 | 24 | 22 | 22 | 23 | 25 |
| Original Credit Score < 660 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 11 | 10 | 09 | 09 | 10 | 11 |
| 60-plus-days Delinquent | 373 | 347 | 318 | 292 | 269 | 253 | 242 | 233 | 214 | 197 | 186 | 176 | 171 |
| Original Credit Score > $=660$ | 284 | 264 | 240 | 218 | 201 | 189 | 179 | 172 | 157 | 144 | 136 | 128 | 123 |
| Original Credit Score<660 | 90 | 83 | 79 | 74 | 68 | 65 | 63 | 61 | 57 | 53 | 50 | 48 | 47 |

## Percent of Total Loans Serviced

| Total Delinquent Loans | 2.85\% | 2.72\% | 2.59\% | 2.55\% | 2.37\% | 2.25\% | 2.18\% | 2.30\% | 1.92\% | 1.90\% | 1.84\% | 1.83\% | 1.86\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Original Credit Score > $=660$ | 2.30\% | 2.20\% | 2.08\% | 2.05\% | 1.89\% | 1.79\% | 1.73\% | 1.84\% | 1.51\% | 1.50\% | 1.44\% | 1.43\% | 1.45\% |
| Original Credit Score < 660 | 10.64\% | 10.17\% | 9.99\% | 9.92\% | 9.41\% | 9.06\% | 8.89\% | - $9.15 \%$ | 8.08\% | 8.09\% | 7.84\% | 7.94\% | 8.14\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 30-59 Days Delinquent | 0.72\% | 0.74\% | 0.77\% | 0.88\% | 0.83\% | 0.80\% | 0.81\% | 0.98\% | 0.71\% | 0.79\% | 0.79\% | 0.84\% | 0.89\% |
| Original Credit Score > $=660$ | 0.56\% | 0.59\% | 0.61\% | 0.72\% | 0.66\% | 0.64\% | 0.65\% | 0.80\% | 0.57\% | 0.63\% | 0.63\% | 0.67\% | 0.70\% |
| Original Credit Score < 660 | 2.90\% | 2.92\% | 3.09\% | 3.35\% | 3.30\% | 3.20\% | 3.20\% | 3.58\% | 2.91\% | 3.23\% | 3.20\% | 3.45\% | 3.77\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60-89 Days Delinquent | 0.19\% | 0.19\% | 0.20\% | 0.21\% | 0.21\% | 0.20\% | 0.20\% | 0.21\% | 0.19\% | 0.18\% | 0.18\% | 0.19\% | 0.20\% |
| Original Credit Score $>=660$ | 0.15\% | 0.14\% | 0.15\% | 0.16\% | 0.16\% | 0.15\% | 0.15\% | 0.16\% | 0.15\% | 0.13\% | 0.13\% | 0.14\% | 0.15\% |
| Original Credit Score < 660 | 0.85\% | 0.83\% | 0.89\% | 0.92\% | 0.93\% | 0.91\% | 0.93\% | 0.97\% | 0.87\% | 0.83\% | 0.86\% | 0.91\% | 0.99\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 60-plus-days Delinquent | 2.14\% | 1.98\% | 1.82\% | 1.67\% | 1.54\% | 1.45\% | 1.37\% | 1.32\% | 1.21\% | 1.11\% | 1.05\% | 1.00\% | 0.96\% |
| Original Credit Score $>=660$ | 1.74\% | 1.61\% | 1.47\% | 1.33\% | 1.23\% | 1.15\% | 1.09\% | 1.04\% | 0.95\% | 0.87\% | -0.82\% | 0.77\% | 0.74\% |
| Original Credit Score<660 | 7.74\% | 7.25\% | 6.90\% | 6.57\% | 6.11\% | 5.86\% | 5.70\% | 5.57\% | 5.16\% | 4.85\% | 4.64\% | 4.48\% | 4.37\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Serious Delinquency Rate | 1.94\% | 1.79\% | 1.62\% | 1.46\% | 1.33\% | 1.25\% | 1.17\% | 1.11\% | 1.01\% | 0.94\% | 0.87\% | 0.81\% | 0.76\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| In Bankruptcy | 0.07\% | 0.07\% | 0.07\% | 0.07\% | 0.06\% | 0.06\% | 0.06\% | 0.06\% | 0.06\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |

## 1 (iii) Freddie Mac - Mortgage Performance (at period end)

| (\# of loans in thousands) | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Loans Serviced | 12,310 | 12,448 | 12,559 | 12,669 | 12,769 | 12,860 | 12,962 | 13,030 | 13,097 | 13,134 | 13,166 | 13,193 | 13,223 |
| Original Credit Score >= 660 | 11,620 | 11,754 | 11,862 | 11,971 | 12,068 | 12,157 | 12,255 | 12,320 | 12,385 | 12,422 | 12,455 | 12,481 | 12,511 |
| Original Credit Score < 660 | 690 | 694 | 696 | 698 | 701 | 703 | 707 | 710 | 712 | 711 | 711 | 712 | 712 |
| Total Delinquent Loans | 298 | 285 | 274 | 265 | 256 | 244 | 236 | 247 | 210 | 209 | 205 | 202 | 208 |
| Original Credit Score > $=660$ | 234 | 223 | 214 | 206 | 198 | 189 | 182 | 192 | 162 | 161 | 158 | 154 | 159 |
| Original Credit Score < 660 | 65 | 62 | 61 | 60 | 58 | 55 | 54 | 55 | 49 | 48 | 47 | 47 | 49 |
| 30-59 Days Delinquent | 78 | 76 | 84 | 90 | 89 | 91 | 89 | 108 | 82 | 90 | 93 | 94 | 102 |
| Original Credit Score > $=660$ | 60 | 59 | 65 | 70 | 70 | 71 | 69 | 86 | 64 | 70 | 73 | 73 | 79 |
| Original Credit Score < 660 | 18 | 17 | 19 | 20 | 20 | 20 | 20 | 22 | 18 | 20 | 20 | 21 | 23 |
| 60-89 Days Delinquent | 20 | 20 | 20 | 22 | 22 | 21 | 22 | 23 | 21 | 19 | 19 | 21 |  |
| Original Credit Score > $=660$ | 15 | 15 | 15 | 16 | 16 | 16 | 16 | 17 | 16 | 14 | 14 | 15 | 16 |
| Original Credit Score < 660 | 05 | 05 | 05 | 06 | 06 | 05 | 06 | 06 | 05 | 05 | 05 | 05 | 06 |
| 60-plus-days Delinquent | 221 | 209 | 190 | 175 | 167 | 153 | 147 | 138 | 128 | 119 | 112 | 108 | 106 |
| Original Credit Score > $=660$ | 174 | 164 | 148 | 136 | 128 | 118 | 113 | 106 | 97 | 90 | 85 | 81 | 80 |
| Original Credit Score < 660 | 47 | 45 | 42 | 40 | 38 | 35 | 34 | 33 | 30 | 29 | 27 | 26 | 26 |

## Percent of Total Loans Serviced

| Total Delinquent Loans | 2.42\% | 2.29\% | 2.18\% | 2.10\% | 2.00\% | 1.90\% | 1.82\% | 1.90\% | 1.60\% | 1.59\% | 1.56\% | 1.53\% | 1.57\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Original Credit Score > $=660$ | 2.01\% | 1.90\% | 1.80\% | 1.72\% | 1.64\% | 1.56\% | 1.48\% | 1.56\% | 1.30\% | 1.29\% | 1.27\% | 1.24\% | 1.27\% |
| Original Credit Score < 660 | 9.39\% | 9.00\% | 8.69\% | 8.58\% | 8.27\% | 7.79\% | 7.63\% | 7.71\% | 6.83\% | 6.78\% | 6.59\% | 6.66\% | 6.95\% |
| 30-59 Days Delinquent | 0.63\% | 0.61\% | 0.67\% | 0.71\% | 0.70\% | 0.71\% | 0.69\% | 0.83\% | 0.63\% | 0.69\% | 0.71\% | 0.71\% | 0.77\% |
| Original Credit Score $>=660$ | 0.52\% | 0.50\% | 0.55\% | 0.58\% | 0.58\% | 0.59\% | 0.57\% | 0.70\% | 0.52\% | 0.57\% | 0.59\% | 0.59\% | 0.63\% |
| Original Credit Score<660 | 2.56\% | 2.51\% | 2.68\% | 2.89\% | 2.80\% | 2.83\% | 2.81\% | 3.10\% | 2.56\% | 2.75\% | 2.78\% | 2.95\% | 3.25\% |
| 60-89 Days Delinquent | 0.17\% | 0.16\% | 0.16\% | 0.17\% | 0.17\% | 0.17\% | 0.17\% | 0.18\% | 0.16\% | 0.15\% | 0.15\% | 0.16\% | 0.17\% |
| Original Credit Score > $=660$ | 0.13\% | 0.13\% | 0.13\% | 0.14\% | 0.13\% | 0.13\% | 0.13\% | 0.14\% | 0.13\% | 0.12\% | 0.12\% | 0.12\% | 0.13\% |
| Original Credit Score < 660 | 0.76\% | 0.74\% | 0.76\% | 0.79\% | 0.79\% | 0.77\% | 0.80\% | 0.82\% | 0.73\% | 0.70\% | 0.69\% | 0.74\% | 0.81\% |
| -plus-days Delinquent | 179\% | 168\% | 152\% | 139\% | 130\% | 1.19\% | 1.13\% | 1.06\% | 0.98\% | 0.90\% | 0.85\% | 0.82\% | 0.80\% |
| Original Credit Score > $=660$ | 1.50\% | 1.39\% | 1.25\% | 1.13\% | 1.06\% | 0.97\% | 0.92\% | 0.86\% | 0.79\% | 0.73\% | 0.68\% | 0.65\% | 0.64\% |
| Original Credit Score < 660 | 6.82\% | 6.48\% | 6.01\% | 5.69\% | 5.47\% | 4.96\% | 4.81\% | 4.61\% | 4.27\% | 4.02\% | 3.82\% | 3.71\% | 3.70\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Serious Delinquency Rate | 1.74\% | 1.62\% | 1.46\% | 1.32\% | 1.24\% | 1.12\% | 1.06\% | 0.99\% | 0.92\% | 0.85\% | 0.80\% | 0.76\% | 0.73\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| In Bankruptcy | 0.07\% | 0.06\% | 0.06\% | 0.06\% | 0.06\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% | 0.05\% |

## 2 Enterprises Combined - Foreclosure Prevention Actions (\# of loans) ${ }^{1}$

|  | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | $\begin{array}{r} \text { YTD } \\ 2022 \end{array}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Inventory (at period end) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repayment Plans | 3,593 | 4,429 | 8,726 | 5,542 | 5,738 | 5,895 | 5,437 | 5,535 | 4,082 | 3,759 | 3,844 | 4,151 | 4,636 | 4,636 |
| Forbearance Plans | 438,550 | 400,071 | 320,009 | 244,070 | 198,117 | 178,019 | 153,075 | 140,188 | 126,758 | 110,535 | 99,451 | 90,889 | 84,385 | 84,385 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Starts |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repayment Plans ${ }^{2}$ | 1,109 | 2,183 | 6,259 | 1,530 | 3,060 | 2,036 | 1,517 | 1,233 | 1,294 | 1,251 | 1,382 | 1,582 | 1,684 | 9,943 |
| Forbearance Plans ${ }^{2}$ | 23,481 | 25,072 | 26,648 | 22,890 | 19,989 | 29,267 | 22,968 | 19,709 | 17,101 | 13,247 | 13,397 | 14,410 | 13,453 | 114,285 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Completed |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Repayment Plans ${ }^{2}$ | 750 | 620 | 570 | 593 | 557 | 709 | 1,416 | 535 | 2,171 | 971 | 681 | 731 | 592 | 7,097 |
| Forbearance Plans ${ }^{2}$ | 14,402 | 11,332 | 14,604 | 13,831 | 10,113 | 7,947 | 14,125 | 5,752 | 5,917 | 5,409 | 4,707 | 4,279 | 3,612 | 43,801 |
| Charge-offs-in-lieu | 43 | 54 | 46 | 36 | 47 | 39 | 43 | 41 | 30 | 48 | 50 | 47 | 43 | 302 |
| Payment Deferral | 39,836 | 30,795 | 49,140 | 45,965 | 30,951 | 25,784 | 22,275 | 19,889 | 15,970 | 16,047 | 12,645 | 12,816 | 10,631 | 110,273 |
| Loan Modifications | 6,287 | 6,134 | 5,509 | 5,186 | 5,266 | 6,461 | 8,934 | 14,350 | 18,091 | 14,528 | 12,830 | 10,906 | 8,925 | 88,564 |
| Home Retention Actions | 61,318 | 48,935 | 69,869 | 65,611 | 46,934 | 40,940 | 46,793 | 40,567 | 42,179 | 37,003 | 30,913 | 28,779 | 23,803 | 250,037 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Short Sales | 129 | 114 | 95 | 88 | 64 | 67 | 40 | 57 | 73 | 64 | 64 | 65 | 53 | 416 |
| Deeds-in-lieu | 47 | 33 | 26 | 36 | 29 | 24 | 24 | 24 | 22 | 28 | 13 | 16 | 18 | 145 |
| Nonforeclosure - <br> Home Forfeiture Actions | 176 | 147 | 121 | 124 | 93 | 91 | 64 | 81 | 95 | 92 | 77 | 81 | 71 | 561 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total Foreclosure Prevention Actions | 61,494 | 49,082 | 69,990 | 65,735 | 47,027 | 41,031 | 46,857 | 40,648 | 42,274 | 37,095 | 30,990 | 28,860 | 23,874 | 250,598 |

## Percent of Total Foreclosure Prevention Actions

| Repayment Plans | 1\% | 1\% | 1\% | 1\% | 1\% | 2\% | 3\% | 1\% | 5\% | 3\% | 2\% | 3\% | 2\% | 3\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Forbearance Plans | 23\% | 23\% | 21\% | 21\% | 22\% | 19\% | 30\% | 14\% | 14\% | 15\% | 15\% | 15\% | 15\% | 17\% |
| Charge-offs-in-lieu | 0\%. | 0\%. | 0\% | 0\%. | 0\%. | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| Payment Deferral | 65\% | 63\% | 70\% | 70\% | 66\% | 63\% | 48\% | 49\% | 38\% | 43\% | 41\% | 44\% | 45\% | 44\% |
| Loan Modifications | 10\% | 12\% | 8\% | 8\% | 11\% | 16\% | 19\% | 35\% | 43\% | 39\% | 41\% | 38\% | 37\% | 35\% |
| Home Retention Actions | 99.7\% | 99.7\% | 99.8\% | 99.8\% | 99.8\% | 99.8\% | 99.9\% | 99.8\% | 99.8\% | 99.8\% | 99.8\% | 99.7\% | 99.7\% | 99.8\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Short Sales | 0.2\% | 0.2\% | 0.1\% | 0.1\% | 0.1\% | 0.2\% | 0.1\% | 0.1\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% |
| Deeds-in-lieu | 0.1\% | 0.1\% | 0.0\% | 0.1\% | $0.1 \%$ | 0.1\% | 0.1\% | $0.1 \%$ | 0.1\% | 0.1\% | 0.0\% | 0.1\% | 0.1\% | 0.1\% |
| Nonforeclosure - <br> Home Forfeiture Actions | 0.3\% | 0.3\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 0.1\% | 0.2\% | 0.2\% | 0.2\% | 0.2\% | 0.3\% | 0.3\% | 0.2\% |

${ }^{1}$ The number of foreclosure prevention actions reported in this table may not tie to the Enterprises' financial statements due to timing differences in reporting systems.
${ }^{2}$ Includes loans that were $30+$ days delinquent at initiation of the plan.

## 3(i) Enterprises Combined - Loan Modifications

|  | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | $\begin{gathered} \text { YTD } \\ 2022 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Modifications (\# of loans) | 6,287 | 6,134 | 5,509 | 5,186 | 5,266 | 6,461 | 8,934 | 14,350 | 18,091 | 14,528 | 12,830 | 10,906 | 8,925 | 88,564 |
| Delinquency Status at Modification (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Current ${ }^{1}$ | 1\% | 1\% | 1\% | 2\% | 1\% | 2\% | 1\% | 1\% | 1\% | 1\% | 0\% | 1\% | 1\% | 1\% |
| 30-59 days delinquent | 2\% | 5\% | 5\% | 2\% | 2\% | 2\% | 3\% | 3\% | 3\% | 2\% | 2\% | 3\% | 2\% | 3\% |
| 60-89 days delinquent | 2\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 2\% | 2\% | 1\% |
| 90-179 days delinquent | 15\% | 12\% | 12\% | 10\% | 9\% | 9\% | 7\% | 6\% | 6\% | 7\% | 9\% | 11\% | 12\% | 8\% |
| 180-364 days delinquent | 37\% | 32\% | 29\% | 26\% | 25\% | 22\% | 15\% | 12\% | 12\% | 14\% | 14\% | 16\% | 18\% | 14\% |
| $365+$ days delinquent | 44\% | 49\% | 52\% | 59\% | 61\% | 65\% | 74\% | 78\% | 78\% | 76\% | 73\% | 68\% | 66\% | 74\% |
| MTMLTV at Modification (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MTMLTV <= 80\% ${ }^{2}$ | 93\% | 93\% | 93\% | 94\% | 94\% | 94\% | 95\% | 96\% | 96\% | 97\% | 97\% | 98\% | 97\% | 97\% |
| $80 \%$ < MTMLTV < $=100 \%$ | 6\% | 6\% | 7\% | 6\% | 5\% | 5\% | 5\% | 4\% | 4\% | 3\% | 2\% | 2\% | 2\% | 3\% |
| MTMLTV > 100\% | 1\% | 1\% | 1\%. | 1\% | 1\% | 1\% | 1\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| Year of Origination (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 \& Prior | 7\% | 7\% | 7\% | 7\% | 7\% | 7\% | 6\% | 6\% | 6\% | 6\% | 6\% | 6\% | 7\% | 6\% |
| 2005-2008 | 16\% | 14\% | 14\% | 14\% | 14\% | 12\% | 12\% | 12\% | 12\% | 11\% | 11\% | 11\% | 11\% | 11\% |
| 2009 \& later | 77\% | 79\% | 79\% | 78\% | 79\% | 81\% | 82\% | 82\% | 82\% | 83\% | 83\% | 83\% | 82\% | 82\% |
| Modification History (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| First time modification | 83\% | 85\% | 84\% | 83\% | 83\% | 87\% | 84\% | 88\% | 87\% | 86\% | 85\% | 85\% | 84\% | 86\% |
| Second time modification | 12\% | 10\% | 11\% | 11\% | 12\% | 9\% | 12\% | 9\% | 9\% | 10\% | 11\% | 11\% | 11\% | 10\% |
| Three plus time modification | 6\% | 5\%. | 5\% | 5\% | 5\% | 4\% | 4\% | 3\% | 4\% | 4\% | 4\% | 4\% | 5\% | 4\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Property type (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Primary residency | 93\% | 93\% | 93\% | 92\% | 93\% | 92\% | 90\% | 90\% | 89\% | 90\% | 90\% | 91\% | 91\% | 90\% |
| Second home | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 4\% | 2\% | 2\% | 2\% | 2\% | 3\% |
| Investment | 5\% | 5\% | 5\% | 6\% | 5\% | 6\% | 8\% | 8\% | 6\% | 8\% | 8\% | 7\% | 7\% | 7\% |
| Types of Modification (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extend Term Only | 66\% | 66\% | 67\% | 71\% | 71\% | 61\% | 33\% | 21\% | 17\% | 17\% | 17\% | 20\% | 24\% | 20\% |
| Reduce Rate Only | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| Reduce Rate and Extend Term | 23\% | 22\% | 21\% | 16\% | 17\% | 29\% | 59\% | 73\% | 77\% | 76\% | 75\% | 72\% | 65\% | 72\% |
| Reduce Rate, Extend Term and Forbear Principal ${ }^{3}$ | 10\% | 11\% | 12\% | 12\% | 12\% | 9\% | 7\% | 6\% | 6\% | 7\% | 7\% | 8\% | 11\% | 7\% |
| Other | 1\% | 0\% | 0\% | 0\%. | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |

[^0]3(ii) Fannie Mae - Loan Modifications

|  | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | $\begin{aligned} & \text { YTD } \\ & 2022 \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Loan Modifications (\# of loans) | 4,080 | 3,923 | 3,602 | 3,382 | 3,348 | 3,959 | 5,409 | 8,551 | 11,430 | 9,350 | 8,343 | 7,163 | 5,715 | 55,961 |
| Delinquency Status at Modification (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Current ${ }^{1}$ | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| 30-59 days delinquent | 0\% | 1\% | 0\% | 1\% | 1\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% |
| 60-89 days delinquent | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 0\% | 0\% | 0\% | 1\% | 1\% | 1\% | 1\% |
| 90-179 days delinquent | 14\% | 13\% | 10\% | 9\% | 8\% | 9\% | 7\% | 6\% | 6\% | 7\% | 9\% | 11\% | 12\% | 8\% |
| 180-364 days delinquent | 37\% | 34\% | 32\% | 27\% | 26\% | 21\% | 16\% | 12\% | 13\% | 13\% | 15\% | 16\% | 17\% | 14\% |
| 365+ days delinquent | 47\% | 51\% | 57\% | 62\% | 64\% | 67\% | 76\% | 81\% | 81\% | 79\% | 75\% | 71\% | 69\% | 77\% |
| MTMLTV at Modification (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| MTMLTV <= $80 \%^{2}$ | 94\% | 94\% | 93\% | 94\% | 94\% | 95\% | 95\% | 96\% | 96\% | 97\% | 98\% | 98\% | 97\% | 97\% |
| $80 \%$ < MTMLTV <= $100 \%$ | 5\% | 6\% | 7\% | 5\% | 5\% | 5\% | 4\% | 4\% | 4\% | 2\% | 2\% | 2\% | 2\% | 3\% |
| MTMLTV > 100\% | 1\% | 1\% | 0\% | 1\% | 0\% | 0\% | 1\% | 1\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Year of Origination (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2004 \& Prior | 8\% | 7\% | 6\% | 7\% | 7\% | 7\% | 7\% | 7\% | 7\% | 6\% | 6\% | 6\% | 7\% | 7\% |
| 2005-2008 | 17\% | 14\% | 14\% | 14\% | 14\% | 13\% | 12\% | 13\% | 13\% | 10\% | 11\% | 11\% | 12\% | 12\% |
| 2009 \& later | 75\% | 79\% | 80\% | 79\% | 79\% | 80\% | 81\% | 80\% | 80\% | 83\% | 82\% | 82\% | 81\% | 81\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Modification History (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| First time modification | 80\% | 83\% | 83\% | 82\% | 80\% | 81\% | 81\% | 82\% | 81\% | 84\% | 83\% | 82\% | 81\% | 82\% |
| Second time modification | 13\% | 11\% | 12\% | 12\% | 13\% | 13\% | 13\% | 13\% | 13\% | 11\% | 13\% | 13\% | 13\% | 13\% |
| Three plus time modification | 6\% | 6\% | 5\% | 6\% | 6\% | 7\% | 6\% | 5\% | 6\% | 5\% | 4\% | 5\% | 6\% | 5\% |
| Property type (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Primary residency | 92\% | 93\% | 93\% | 92\% | 93\% | 92\% | 90\% | 89\% | 89\% | 90\% | 90\% | 91\% | 91\% | 90\% |
| Second home | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 3\% | 3\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% |
| Investment | 5\% | 5\% | 5\% | 6\% | 5\% | 6\% | 8\% | 9\% | 9\% | 8\% | 8\% | 7\% | 7\% | 8\% |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Types of Modification (\% of loan mods) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extend Term Only | 65\% | 65\% | 65\% | 70\% | 67\% | 59\% | 33\% | 22\% | 17\% | 16\% | 15\% | 18\% | 23\% | 19\% |
| Reduce Rate Only | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 1\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |
| Reduce Rate and Extend Term | 23\% | 22\% | 22\% | 16\% | 18\% | 28\% | 58\% | 70\% | 75\% | 76\% | 76\% | 73\% | 64\% | 72\% |
| Reduce Rate, Extend Term and Forbear Principal ${ }^{3}$ | 12\% | 13\% | 13\% | 14\% | 15\% | 12\% | 9\% | 8\% | 8\% | 8\% | 8\% | 9\% | 12\% | 8\% |
| Other | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% | 0\% |

[^1]Includes loans with missing MTMLTV data
${ }^{3}$ May include principal forgiveness.

## 3(iii) Freddie Mac - Loan Modifications



4 Enterprises Combined - Home Forfeiture Actions (\# of loans)

|  | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 | YTD 2022 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Short Sales | 129 | 114 | 95 | 88 | 64 | 67 | 40 | 57 | 73 | 64 | 64 | 65 | 53 | 416 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Deeds-in-lieu | 47 | 33 | 26 | 36 | 29 | 24 | 24 | 24 | 22 | 28 | 13 | 16 | 18 | 145 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Nonforeclosure - <br> Home Forfeiture Actions ${ }^{1}$ | 176 | 147 | 121 | 124 | 93 | 91 | 64 | 81 | 95 | 92 | 77 | 81 | 71 | 561 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Third-party Sales | 413 | 471 | 407 | 527 | 527 | 471 | 481 | 463 | 546 | 616 | 585 | 645 | 554 | 3,890 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foreclosure Sales | 383 | 413 | 447 | 611 | 515 | 562 | 525 | 455 | 584 | 520 | 481 | 611 | 622 | 3,798 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Third-party \& Foreclosure Sales | 796 | 884 | 854 | 1,138 | 1,042 | 1,033 | 1,006 | 918 | 1,130 | 1,136 | 1,066 | 1,256 | 1,176 | 7,688 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Foreclosure Starts | 1,813 | 3,110 | 2,330 | 2,305 | 1,804 | 2,069 | 6,807 | 7,298 | 6,519 | 6,467 | 6,665 | 6,256 | 5,424 | 45,436 |

Top Five Reasons for Delinquency

| National emergency declaration |  |  | 81\% | 77\% | 76\% | 75\% | 73\% | 71\% | 70\% | 68\% | 66\% | 65\% | 63\% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Curtailment of Income | 4\% | 4\% | 4\% | 6\% | 6\% | 6\% | 7\% | 7\% | 8\% | 8\% | 8\% | 8\% | 9\% |
| Excessive obligations | 3\% | 3\% | 3\% | 4\% | 4\% | 4\% | 5\% | 5\% | 5\% | 5\% | 6\% | 6\% | 6\% |
| Illness of principal mortgagor or family member | 1\% | 1\% | 1\% | 1\% | 1\% | 1\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% |
| Unemployment | 1\% | 1\% | 1\% | 1\% | 1\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% | 2\% |

${ }^{1}$ Short sales and deeds-in-lieu of foreclosure completed.

Enterprises Single-Family Forbearance Loans - As of July 31, 2022

| State | Loans in Forbearance Plan |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 30-89 Days | 90-179 Days | 180-269 Days | 270-364 Days | 365+ Days | Total |
| AK | 80 | 66 | 29 | 19 | 9 | 203 |
| AL | 406 | 296 | 162 | 126 | 52 | 1,042 |
| AR | 194 | 148 | 102 | 67 | 39 | 550 |
| AZ | 904 | 559 | 342 | 189 | 97 | 2,091 |
| CA | 3,998 | 2,966 | 1,832 | 1,058 | 558 | 10,412 |
| CO | 625 | 465 | 304 | 148 | 108 | 1,650 |
| CT | 394 | 323 | 179 | 106 | 69 | 1,071 |
| DC | 103 | 92 | 71 | 47 | 15 | 328 |
| DE | 121 | 82 | 66 | 25 | 15 | 309 |
| FL | 2,484 | 1,743 | 1,016 | 666 | 323 | 6,232 |
| GA | 1,142 | 839 | 536 | 317 | 182 | 3,016 |
| HI | 90 | 77 | 42 | 26 | 23 | 258 |
| IA | 223 | 163 | 103 | 45 | 30 | 564 |
| ID | 146 | 98 | 71 | 40 | 14 | 369 |
| IL | 1,411 | 1,153 | 735 | 416 | 249 | 3,964 |
| IN | 554 | 392 | 246 | 150 | 78 | 1,420 |
| KS | 232 | 155 | 78 | 64 | 35 | 564 |
| KY | 305 | 217 | 114 | 74 | 51 | 761 |
| LA | 490 | 308 | 205 | 246 | 55 | 1,304 |
| MA | 578 | 463 | 297 | 193 | 99 | 1,630 |
| MD | 864 | 651 | 407 | 234 | 143 | 2,299 |
| ME | 78 | 82 | 50 | 23 | 11 | 244 |
| MI | 894 | 643 | 463 | 235 | 114 | 2,349 |
| MN | 683 | 508 | 357 | 176 | 113 | 1,837 |
| MO | 499 | 437 | 242 | 158 | 78 | 1,414 |
| MS | 228 | 137 | 82 | 51 | 35 | 533 |
| MT | 80 | 53 | 37 | 24 | 7 | 201 |
| NC | 826 | 620 | 359 | 251 | 131 | 2,187 |
| ND | 29 | 35 | 21 | 14 | 18 | 117 |
| NE | 157 | 111 | 71 | 33 | 14 | 386 |
| NH | 126 | 99 | 57 | 31 | 19 | 332 |
| NJ | 1,089 | 891 | 558 | 305 | 191 | 3,034 |
| NM | 173 | 146 | 104 | 50 | 26 | 499 |
| NV | 381 | 287 | 184 | 106 | 54 | 1,012 |
| NY | 1,513 | 1,357 | 973 | 559 | 379 | 4,781 |
| OH | 826 | 545 | 394 | 207 | 218 | 2,190 |
| OK | 314 | 266 | 170 | 98 | 273 | 1,121 |
| OR | 422 | 304 | 210 | 149 | 62 | 1,147 |
| PA | 1,064 | 878 | 501 | 288 | 152 | 2,883 |
| RI | 116 | 72 | 51 | 22 | 74 | 335 |
| SC | 480 | 368 | 240 | 142 | 71 | 1,301 |
| SD | 46 | 22 | 21 | 15 | 6 | 110 |
| TN | 507 | 348 | 251 | 139 | 60 | 1,305 |
| TX | 3,293 | 2,201 | 1,338 | 784 | 429 | 8,045 |
| UT | 390 | 260 | 155 | 118 | 41 | 964 |
| VA | 844 | 622 | 391 | 230 | 147 | 2,234 |
| VT | 50 | 54 | 21 | 10 | 3 | 138 |
| WA | 740 | 526 | 384 | 207 | 124 | 1,981 |
| WI | 380 | 260 | 181 | 103 | 71 | 995 |
| WV | 114 | 87 | 46 | 31 | 14 | 292 |
| WY | 45 | 31 | 27 | 14 | 5 | 122 |
| Other ${ }^{1}$ | 67 | 63 | 30 | 29 | 70 | 259 |
| Total | 31,798 | 23,569 | 14,906 | 8,858 | 5,254 | 84,385 |

[^2]
## Fannie Mae Single-Family Forbearance Loans - As of July 31, 2022

| State | Loans in Forbearance Plan |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 30-89 Days | 90-179 Days | 180-269 Days | 270-364 Days | 365+ Days | Total |
| AK | 52 | 42 | 17 | 13 | 4 | 128 |
| AL | 275 | 163 | 117 | 86 | 37 | 678 |
| AR | 124 | 87 | 71 | 47 | 25 | 354 |
| AZ | 588 | 313 | 222 | 121 | 73 | 1,317 |
| CA | 2,679 | 1,777 | 1,076 | 638 | 363 | 6,533 |
| CO | 397 | 299 | 189 | 90 | 75 | 1,050 |
| CT | 256 | 178 | 106 | 64 | 44 | 648 |
| DC | 73 | 58 | 34 | 27 | 8 | 200 |
| DE | 83 | 59 | 39 | 21 | 8 | 210 |
| FL | 1,750 | 1,034 | 639 | 444 | 217 | 4,084 |
| GA | 791 | 487 | 321 | 201 | 118 | 1,918 |
| HI | 66 | 52 | 27 | 15 | 14 | 174 |
| IA | 154 | 94 | 66 | 30 | 20 | 364 |
| ID | 87 | 62 | 43 | 23 | 7 | 222 |
| IL | 933 | 661 | 422 | 266 | 148 | 2,430 |
| IN | 336 | 203 | 137 | 84 | 50 | 810 |
| KS | 162 | 87 | 38 | 27 | 19 | 333 |
| KY | 193 | 121 | 66 | 45 | 31 | 456 |
| LA | 328 | 177 | 127 | 171 | 35 | 838 |
| MA | 362 | 267 | 177 | 121 | 54 | 981 |
| MD | 602 | 364 | 224 | 155 | 86 | 1,431 |
| ME | 48 | 52 | 26 | 16 | 4 | 146 |
| MI | 565 | 349 | 265 | 152 | 70 | 1,401 |
| MN | 473 | 289 | 206 | 102 | 82 | 1,152 |
| MO | 307 | 234 | 141 | 95 | 49 | 826 |
| MS | 166 | 87 | 51 | 30 | 26 | 360 |
| MT | 50 | 33 | 20 | 14 | 4 | 121 |
| NC | 535 | 359 | 241 | 147 | 88 | 1,370 |
| ND | 15 | 13 | 11 | 6 | 8 | 53 |
| NE | 112 | 70 | 49 | 20 | 5 | 256 |
| NH | 77 | 52 | 30 | 17 | 9 | 185 |
| NJ | 745 | 541 | 342 | 187 | 133 | 1,948 |
| NM | 127 | 91 | 69 | 31 | 15 | 333 |
| NV | 297 | 177 | 115 | 69 | 34 | 692 |
| NY | 1,011 | 819 | 582 | 367 | 263 | 3,042 |
| OH | 531 | 322 | 229 | 123 | 172 | 1,377 |
| OK | 207 | 161 | 115 | 58 | 241 | 782 |
| OR | 271 | 185 | 106 | 92 | 44 | 698 |
| PA | 721 | 521 | 294 | 182 | 103 | 1,821 |
| RI | 86 | 36 | 39 | 14 | 71 | 246 |
| SC | 334 | 204 | 127 | 83 | 38 | 786 |
| SD | 32 | 11 | 10 | 10 | 4 | 67 |
| TN | 336 | 202 | 148 | 89 | 37 | 812 |
| TX | 2,332 | 1,398 | 835 | 514 | 272 | 5,351 |
| UT | 242 | 159 | 100 | 70 | 18 | 589 |
| VA | 566 | 357 | 225 | 149 | 99 | 1,396 |
| VT | 33 | 32 | 11 | 7 | 1 | 84 |
| WA | 504 | 321 | 237 | 138 | 74 | 1,274 |
| WI | 258 | 155 | 126 | 60 | 53 | 652 |
| WV | 72 | 43 | 31 | 21 | 8 | 175 |
| WY | 28 | 21 | 19 | 6 | 2 | 76 |
| Other ${ }^{1}$ | 55 | 37 | 26 | 20 | 38 | 176 |
| Total | 21,427 | 13,916 | 8,984 | 5,578 | 3,501 | 53,406 |

[^3]
## Freddie Mac Single-Family Forbearance Loans - As of July 31, 2022

| State | Loans in Forbearance Plan |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 30-89 Days | 90-179 Days | 180-269 Days | 270-364 Days | 365+ Days | Total |
| AK | 28 | 24 | 12 | 6 | 5 | 75 |
| AL | 131 | 133 | 45 | 40 | 15 | 364 |
| AR | 70 | 61 | 31 | 20 | 14 | 196 |
| AZ | 316 | 246 | 120 | 68 | 24 | 774 |
| CA | 1,319 | 1,189 | 756 | 420 | 195 | 3,879 |
| CO | 228 | 166 | 115 | 58 | 33 | 600 |
| CT | 138 | 145 | 73 | 42 | 25 | 423 |
| DC | 30 | 34 | 37 | 20 | 7 | 128 |
| DE | 38 | 23 | 27 | 4 | 7 | 99 |
| FL | 734 | 709 | 377 | 222 | 106 | 2,148 |
| GA | 351 | 352 | 215 | 116 | 64 | 1,098 |
| HI | 24 | 25 | 15 | 11 | 9 | 84 |
| IA | 69 | 69 | 37 | 15 | 10 | 200 |
| ID | 59 | 36 | 28 | 17 | 7 | 147 |
| IL | 478 | 492 | 313 | 150 | 101 | 1,534 |
| IN | 218 | 189 | 109 | 66 | 28 | 610 |
| KS | 70 | 68 | 40 | 37 | 16 | 231 |
| KY | 112 | 96 | 48 | 29 | 20 | 305 |
| LA | 162 | 131 | 78 | 75 | 20 | 466 |
| MA | 216 | 196 | 120 | 72 | 45 | 649 |
| MD | 262 | 287 | 183 | 79 | 57 | 868 |
| ME | 30 | 30 | 24 | 7 | 7 | 98 |
| MI | 329 | 294 | 198 | 83 | 44 | 948 |
| MN | 210 | 219 | 151 | 74 | 31 | 685 |
| MO | 192 | 203 | 101 | 63 | 29 | 588 |
| MS | 62 | 50 | 31 | 21 | 9 | 173 |
| MT | 30 | 20 | 17 | 10 | 3 | 80 |
| NC | 291 | 261 | 118 | 104 | 43 | 817 |
| ND | 14 | 22 | 10 | 8 | 10 | 64 |
| NE | 45 | 41 | 22 | 13 | 9 | 130 |
| NH | 49 | 47 | 27 | 14 | 10 | 147 |
| NJ | 344 | 350 | 216 | 118 | 58 | 1,086 |
| NM | 46 | 55 | 35 | 19 | 11 | 166 |
| NV | 84 | 110 | 69 | 37 | 20 | 320 |
| NY | 502 | 538 | 391 | 192 | 116 | 1,739 |
| OH | 295 | 223 | 165 | 84 | 46 | 813 |
| OK | 107 | 105 | 55 | 40 | 32 | 339 |
| OR | 151 | 119 | 104 | 57 | 18 | 449 |
| PA | 343 | 357 | 207 | 106 | 49 | 1,062 |
| RI | 30 | 36 | 12 | 8 | 3 | 89 |
| SC | 146 | 164 | 113 | 59 | 33 | 515 |
| SD | 14 | 11 | 11 | 5 | 2 | 43 |
| TN | 171 | 146 | 103 | 50 | 23 | 493 |
| TX | 961 | 803 | 503 | 270 | 157 | 2,694 |
| UT | 148 | 101 | 55 | 48 | 23 | 375 |
| VA | 278 | 265 | 166 | 81 | 48 | 838 |
| VT | 17 | 22 | 10 | 3 | 2 | 54 |
| WA | 236 | 205 | 147 | 69 | 50 | 707 |
| WI | 122 | 105 | 55 | 43 | 18 | 343 |
| WV | 42 | 44 | 15 | 10 | 6 | 117 |
| WY | 17 | 10 | 8 | 8 | 3 | 46 |
| Other ${ }^{1}$ | 12 | 26 | 4 | 9 | 32 | 83 |
| Total | 10,371 | 9,653 | 5,922 | 3,280 | 1,753 | 30,979 |

${ }^{1}$ Consists of Guam, Puerto Rico, Virgin Islands and other loans for which data are not available.

Total refinance volume decreased in July 2022 amid rising mortgage rates through June. Mortgage rates fell in July: the average interest rate on a 30 -year fixed rate mortgage decreased to 5.41 percent from a June level of 5.52 percent, representing levels last observed in 2008.

Mortgage Rates vs Refinance Volume


Source: FHFA (Fannie Mae and Freddie Mac)

A - Treasury rates fell, amid a global flight to the safety of government debt, in response to the U.K. Brexit vote to leave the European Union.

B - Mortgage rates rose in November and December 2016 amid expectations of a rate hike by the Federal Reserve. The Federal Reserve raised the target federal funds rate to $0.75 \%$ on $12 / 14 / 16$ in response to a strengthening economy.

C - Mortgage rates trended downward in 2017, as investors cheered the Federal Reserve enacted steady path to normalize its benchmark rate: The target Federal Funds
rate was raised to $1 \%$ on March 16, 1.25\% on June 15, and $1.5 \%$ on December 14.

D - Mortgage rates peaked in 2018, as the target Federal Funds rate was incrementally raised quarterly to $1.75 \%, 2 \%, 2.25 \%$ and $2.5 \%$, with the Federal Reserve projecting a continued steady growth of the US economy in 2018.

E - Mortgage rates trended downward in 2019 amid the growing effects of a China-US trade war on international trade slowing economic expansion.

F - Mortgage rates continued to fall in 2020, as the target Federal Funds rate was cut to near zero levels in response to reduced economic activity driven by the COVID-19 pandemic.

G - Mortgage rates rose above 3 percent in March, for the first time since July 2020.

H - Mortgage rates rose above 3 percent in the fourth quarter amid concerns of inflation.

The percentage of cash-out refinances increased to 81 percent in July, continuing an increase in earlier months. Rising mortgage rates have decreased the opportunities for non cash-out borrowers to refinance at lower rates and lower their monthly payments.

Percentage of Cash-out Refinances vs Mortgage Rates


[^4]The percentage of borrowers refinancing into shorter term 15-year fixed rate mortgages decreased to 17 percent in July as the difference between 15- and 30-year fixed rate mortgages increased in 2022. While the interest rate savings of a 15-year fixed mortgage over a 30-year mortgage has increased, the sharp rise in mortgage rates since December has acted as an additional disincentive against the higher monthly cost of a 15-year fixed rate mortgage compared to the greater monthly affordability of 30-year fixed rate mortgage.

> Percentage of Refinances into 15-Year Mortgages vs The Difference Between 15- and 30 -Year Fixed Rate Mortgages


[^5]
## FHFA Foreclosure Prevention and Refinance Report

Appendix: Data Tables
Fannie Mae and Freddie Mac - Monthly Refinance Volume (\# of loans)

|  | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | Apr-22 | May-22 | Jun-22 | Jul-22 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Total Refinances |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Fannie Mae | 176,114 | 260,484 | 237,201 | 239,903 | 213,876 | 214,745 | 181,719 | 150,483 | 155,180 | 110,829 | 76,032 | 53,020 | 36,869 |
| Freddie Mac | 154,013 | 239,658 | 218,340 | 216,051 | 198,094 | 183,373 | 151,978 | 128,331 | 131,827 | 94,940 | 65,168 | 44,861 | 32,297 |
| Total | 330,127 | 500,142 | 455,541 | 455,954 | 411,970 | 398,118 | 333,697 | 278,814 | 287,007 | 205,769 | 141,200 | 97,881 | 69,166 |
| Fannie Mae |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FRM 30 (incl FRM 25 \& 40) | 106,210 | 160,163 | 139,715 | 146,059 | 133,025 | 136,290 | 118,124 | 96,467 | 102,633 | 76,377 | 54,798 | 39,988 | 28,319 |
| FRM 20 | 14,638 | 22,336 | 22,185 | 24,288 | 20,628 | 21,798 | 17,968 | 13,902 | 12,197 | 7,143 | 4,129 | 2,429 | 1,514 |
| FRM 15 | 53,240 | 75,264 | 73,766 | 68,627 | 59,028 | 55,248 | 44,556 | 38,910 | 39,439 | 26,489 | 16,551 | 10,100 | 6,579 |
| All Other | 2,026 | 2,721 | 1,535 | 929 | 1,195 | 1,409 | 1,071 | 1,204 | 911 | 820 | 554 | 503 | 457 |
| Freddie Mac |  |  |  |  |  |  |  |  |  |  |  |  |  |
| FRM 30 (incl FRM 25 \& 40) | 98,235 | 160,201 | 147,759 | 144,100 | 132,866 | 124,920 | 104,794 | 88,119 | 91,082 | 67,141 | 48,302 | 34,494 | 24,887 |
| FRM 20 | 12,601 | 17,105 | 16,561 | 16,489 | 16,084 | 15,782 | 12,965 | 10,918 | 10,484 | 7,186 | 4,002 | 1,931 | 1,224 |
| FRM 15 | 37,927 | 55,290 | 48,673 | 50,088 | 44,391 | 38,496 | 30,781 | 26,146 | 27,201 | 18,369 | 11,310 | 7,510 | 5,287 |
| All Other | 5,250 | 7,062 | 5,347 | 5,374 | 4,753 | 4,175 | 3,438 | 3,148 | 3,060 | 2,244 | 1,554 | 926 | 899 |

[^6]
## Glossary

## Section 1: Mortgage Performance

Total Loans Serviced - Total conventional active book of business, excluding loans that were liquidated during the month.
Current and Performing - Loans that are making timely payments and are 0 months delinquent as of the reporting month.
Total Delinquent Loans - Loans that are at least one payment past due, i.e., total servicing minus current and performing.
30-59 Days Delinquent - Includes loans that are only one payment delinquent.
60-89 Days Delinquent - Includes loans that are only two payments delinquent.
60-plus-days Delinquent - Loans that are two or more payments delinquent, including loans in relief, in the process of foreclosure, or in the process of bankruptcy, i.e., total servicing minus current and performing, and 30 to 59 days delinquent loans. Our calculation may exclude loans in bankruptcy process that are less than 60 days delinquent.
Serious Delinquency - All loans in the process of foreclosure plus loans that are three or more payments delinquent (including loans in the process of bankruptcy).
In Bankruptcy - Loans in the process of bankruptcy; includes all delinquency status.

## Section 2: Completed Foreclosure Prevention Actions

Home Retention Actions - Repayment plans, forbearance plans, charge-offs in lieu of foreclosure, Home Saver Advances, and loan modifications. Home retention actions allow borrowers to retain ownership/occupancy of their homes while attempting to return loans to current and performing status.
Repayment Plans - An agreement between the servicer and a borrower that gives the borrower a defined period of time to reinstate the mortgage by paying normal regular payments plus an additional agreed upon amount in repayment of the delinquency.
Forbearance Plans - An agreement between the servicer and the borrower (or estate) to reduce or suspend monthly payments for a defined period of time after which borrower resumes regular monthly payments and pays additional money toward the delinquency to bring the account current or works with the servicer to identify a permanent solution, such as loan modification or short sale, to address the delinquency.
Charge-offs-in-lieu of Foreclosure - A delinquent loan for which collection efforts or legal actions against the borrower are agreed to be not in the Enterprises' best interests (because of reduced property value, a low outstanding mortgage balance, or presence of certain environmental hazards). The servicer charges off the mortgage debt rather than completing foreclosure and taking the property title. The borrower retains the property. The unpaid mortgage balance becomes a lien on the borrower's property, which must be satisfied when the borrower transfers ownership.
HomeSaver Advance (Fannie Mae) - An unsecured personal loan to a qualified borrower to cure his or her payment defaults under a mortgage loan the Enterprises own or guarantee. The borrower must be able to resume regular monthly payments on his or her mortgage. The program ended in 2010.


Loan Modifications - Number of modified, renegotiated, or restructured loans, regardless of performance-to-date under the plan during the month. Terms of the contract between the borrower and the lender are altered with the aim of curing the delinquency ( 30 days or more past due).
Payment Deferral - A home retention workout option that defers past-due principal and interest payments (and amounts advanced if applicable) as a non-interest bearing balance, due and payable at maturity of the mortgage loan, or earlier upon the sale or transfer of the property, refinance of the mortgage loan, or payoff of the interest-bearing UPB.
Nonforeclosure-Home Forfeiture Actions- Short sales and deeds-in-lieu of foreclosure. These actions require borrowers to give up their homes. Although homes are forfeited, foreclosure alternatives generally have less adverse impact on borrowers and their credit reports than foreclosure.
Short Sales - A short sale (also called a preforeclosure sale) is the sale of a mortgaged property at a price that nets less than the total amount due on the mortgage (e.g., the sum of the unpaid principal balance, accrued interest, advanced escrows, late fees, and delinquency charges.) The servicer and borrower negotiate payment of the difference between the net sales price and the total amount due on the mortgage.
Deed(s)-in-lieu of Foreclosure - A loan for which the borrower voluntarily conveys the property to the lender to avoid a foreclosure proceeding.

## Section 3: Loan Modifications

Increase - Principal and interest after modification is higher than before the modification. No Increase - Original principal and interest is unchanged after the modifications.
Decrease $\mathbf{< = \mathbf { 2 0 } \%}$ - Original principal and interest is decreased by 20 percent or less after modification.
Decrease $\mathbf{> 2 0 \%}$ - Original principal and interest is decreased by more than 20 percent after modification.
Extend Term Only - Remaining term of the loan is longer after modification.
Reduce Rate Only - Loan's rate is lower after modification.
Reduce Rate and Extend Term - Loan's rate reduced and term extended.
Reduce Rate, Extend Term, and Forbear Principal - Modification includes term extension, rate reduction, and forbearance of principal.
Other - A modification that does not fit in any of the above categories. The majority of these loans are capitalized modifications.

## Section 4: Third-party Sales and Foreclosures

Third-party Sales - A third party entity purchases the property at the foreclosure sale/auction above the initial bid set forth by Fannie Mae or Freddie Mac.
Foreclosure Starts - The total number of loans referred to an attorney to initiate the legal process of foreclosure during the month. These are loans measured as not being in foreclosure in the previous month but referred to foreclosure in the current month.
Foreclosure Sales - The number of loans that went to foreclosure (sheriff's) sale during the month.


[^0]:    Includes loans with missing delinquency status.
    ${ }^{2}$ Includes loans with missing MTMLTV data.
    ${ }^{3}$ May include principal forgiveness and deferred payment modifications.

[^1]:    Includes loans with missing delinquency status.

[^2]:    ${ }^{1}$ Consists of Guam, Puerto Rico, Virgin Islands and other loans for which data are not available.

[^3]:    ${ }^{1}$ Consists of Guam, Puerto Rico, Virgin Islands and other loans for which data are not available.

[^4]:    Source: FHFA (Fannie Mae and Freddie Mac). Mortgage rates are from the Freddie Mac Primary Mortgage Market Survey, monthly average, from the Freddie Mac website.

[^5]:    Source: FHFA (Fannie Mae and Freddie Mac). Mortgage rates are from the Freddie Mac Primary Mortgage Market Survey, monthly average, from the Freddie Mac website.

[^6]:    Notes:
    Total Refinances

    - Freddie Mac Total Refinances include Long Term Standby (LTSB).

