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# **Joint Release**

# U.S. Department of Housing and Urban Development

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## **NEW RESIDENTIAL CONSTRUCTION IN AUGUST 2010**

The U.S. Census Bureau and the Department of Housing and Urban Development jointly announced the following new residential construction statistics for August 2010:

#### **BUILDING PERMITS**

Privately-owned housing units authorized by building permits in August were at a seasonally adjusted annual rate of 569,000. This is 1.8 percent  $(\pm 2.0\%)^*$  above the revised July rate of 559,000, but is 6.7 percent  $(\pm 1.4\%)$  below the August 2009 estimate of 610,000.

Single-family authorizations in August were at a rate of 401,000; this is 1.2 percent ( $\pm 1.0\%$ ) below the revised July figure of 406,000. Authorizations of units in buildings with five units or more were at a rate of 150,000 in August.

## **HOUSING STARTS**

Privately-owned housing starts in August were at a seasonally adjusted annual rate of 598,000. This is 10.5 percent  $(\pm 11.9\%)^*$  above the revised July estimate of 541,000 and is 2.2 percent  $(\pm 9.7\%)^*$  above the August 2009 rate of 585,000.

Single-family housing starts in August were at a rate of 438,000; this is 4.3 percent ( $\pm 12.4\%$ )\* above the revised July figure of 420,000. The August rate for units in buildings with five units or more was 147,000.

## HOUSING COMPLETIONS

Privately-owned housing completions in August were at a seasonally adjusted annual rate of 603,000. This is 5.6 percent  $(\pm 12.6\%)^*$  above the revised July estimate of 571,000, but is 23.7 percent  $(\pm 9.6\%)$  below the August 2009 rate of 790,000.

Single-family housing completions in August were at a rate of 482,000; this is 1.3 percent ( $\pm 12.0\%$ )\* above the revised July rate of 476,000. The August rate for units in buildings with five units or more was 115,000.

New Residential Construction data for September 2010 will be released on Tuesday, October 19, 2010, at 8:30 A.M. EDT.

Our Internet site is: http://www.census.gov/newresconst

## **EXPLANATORY NOTES**

In interpreting changes in the statistics in this release, note that month-to-month changes in seasonally adjusted statistics often show movements which may be irregular. It may take 3 months to establish an underlying trend for building permit authorizations, 3 months for total starts, and 5 months for total completions. The statistics in this release are estimated from sample surveys and are subject to sampling variability as well as nonsampling error including bias and variance from response, nonreporting, and undercoverage. Estimated relative standard errors of the most recent data are shown in the tables. Whenever a statement such as "2.5 percent (±3.2%) above" appears in the text, this indicates the range (-0.7 to +5.7 percent) in which the actual percent change is likely to have occurred. All ranges given for percent changes are 90-percent confidence intervals and account only for sampling variability. If a range does not contain zero, the change is statistically significant. If it does contain zero, the change is not statistically significant; that is, it is uncertain whether there was an increase or decrease. The same policies apply to the confidence intervals for percent changes shown in the tables. On average, the preliminary seasonally adjusted estimates of total building permits, housing starts and housing completions are revised about two percent or less. Explanations of confidence intervals and sampling variability can be found on our web site listed above.

<sup>\* 90%</sup> confidence interval includes zero. The Census Bureau does not have sufficient statistical evidence to conclude that the actual change is different from zero.

Table 1. New Privately-Owned Housing Units Authorized in Permit-Issuing Places

|                |                                      |                | United         | States          |                    | Nortl         | neast        | Mid            | west         | So             | uth            | We             | est           |
|----------------|--------------------------------------|----------------|----------------|-----------------|--------------------|---------------|--------------|----------------|--------------|----------------|----------------|----------------|---------------|
|                | Period                               |                | In st          | tructures wi    |                    |               |              |                |              |                |                |                |               |
|                |                                      | Total          | 1 unit         | 2 to 4<br>units | 5 units<br>or more | Total         | 1 unit       | Total          | 1 unit       | Total          | 1 unit         | Total          | 1 unit        |
|                |                                      |                |                |                 |                    | Seas          | sonally adju | isted annua    | rate         |                |                |                |               |
| 2009:          | August                               | 610            | 482            | 20              | 108                | 69            | 47           | 105            | 87           | 313            | 249            | 123            | 99            |
|                | September                            | 605            | 473            | 20              | 112                | 70            | 49           | 103            | 80           | 309            | 246            | 123            | 98            |
|                | October                              | 576            | 468            | 16              | 92                 | 68            | 50           | 106            | 81           | 289            | 240            | 113            | 97            |
|                | November                             | 621            | 489            | 26              | 106                | 76            | 52           | 110            | 83           | 317            | 254            | 118            | 100           |
|                | December                             | 681            | 517            | 19              | 145                | 106           | 57           | 117            | 82           | 325            | 268            | 133            | 110           |
| 2010:          | January                              | 629            | 509            | 19              | 101                | 74            | 51           | 95             | 82           | 317            | 267            | 143            | 109           |
|                | February                             | 650            | 523            | 20              | 107                | 85            | 68           | 106            | 85           | 311            | 258            | 148            | 112           |
|                | March                                | 685            | 542            | 22              | 121                | 68            | 52           | 117            | 90           | 356            | 287            | 144            | 113           |
|                | April                                | 610            | 486            | 17              | 107                | 68            | 47           | 114            | 84           | 310            | 258            | 118            | 97            |
|                | May<br>June                          | 574            | 436            | 18              | 120                | 65            | 48           | 102            | 72           | 294            | 232            | 113            | 84            |
|                | June                                 | 583            | 421            | 20              | 142                | 85            | 49           | 93             | 74           | 283            | 215            | 122            | 83            |
|                | July (r)                             | 559            | 406            | 19              | 134                | 66            | 44           | 94             | 69           | 283            | 209            | 116            | 84            |
|                | August (p)                           | 569            | 401            | 18              | 150                | 66            | 42           | 89             | 68           | 276            | 209            | 138            | 82            |
| Avera          | ge RSE (%) <sup>1</sup>              | 1              | 1              | 5               | 2                  | 4             | 4            | 2              | 2            | 1              | 1              | 2              | 2             |
| Perce          | nt Change:                           |                |                |                 |                    |               |              |                |              |                |                |                |               |
|                | August 2010 from July 2010           | 1.8%           | -1.2%          | -5.3%           | 11.9%              | 0.0%          | -4.5%        | -5.3%          | -1.4%        | -2.5%          | 0.0%           | 19.0%          | -2.4%         |
|                | 90% Confidence Interval <sup>3</sup> | ± 2.0          | ± 1.0          | ± 5.2           | ± 9.6              | ± 3.3         | ± 4.1        | ± 3.1          | ± 3.6        | ± 4.0          | ± 4.6          | ± 2.7          | ± 3.5         |
|                | August 2010 from August 2009         | -6.7%          | -16.8%         | -10.0%          | 38.9%              | -4.3%         | -10.6%       | -15.2%         | -21.8%       | -11.8%         | -16.1%         | 12.2%          | -17.2%        |
|                | 90% Confidence Interval <sup>3</sup> | ± 1.4          | ± 1.0          | ± 7.0           | ± 4.2              | ± 6.3         | ± 7.7        | ± 2.6          | ± 3.0        | ± 1.3          | ± 1.5          | ± 3.5          | ± 4.5         |
|                |                                      |                |                |                 |                    |               | Not season   | ally adjuste   | d            |                |                |                |               |
| 2008:<br>2009: |                                      | 905.4<br>583.0 | 575.6<br>441.1 | 34.4<br>20.7    | 295.4<br>121.1     | 119.0<br>68.5 | 58.0<br>45.8 | 137.7<br>100.3 | 93.2<br>74.9 | 451.9<br>297.4 | 304.3<br>231.8 | 196.7<br>116.7 | 120.0<br>88.7 |
| RSE (          | %)                                   | (X)            | (X)            | (X)             | (X)                | (X)           | (X)          | (X)            |              | (X)            | (X)            | (X)            | (X)           |
|                | ,                                    |                |                |                 |                    |               |              |                |              |                |                |                |               |
|                | Year to Date <sup>2</sup>            | 385.3          | 291.1          | 13.5            | 80.6               | 42.0          | 27.9         | 62.4           | 48.6         | 201.6          | 155.5          | 79.3           | 59.1          |
| 2010:          | Year to Date <sup>2</sup>            | 417.2          | 319.6          | 13.0            | 84.5               | 48.9          | 32.7         | 67.1           | 52.7         | 211.0          | 168.5          | 90.2           | 65.8          |
| RSE (          | %)                                   | 1              | 1              | 5               | (Z)                | 3             | 3            | 2              | 1            | 1              | 1              | 2              | 2             |
|                | Year to Date Percent Change 4        | 8.3%           | 9.8%           | -3.7%           | 4.8%               | 16.4%         | 17.4%        | 7.5%           | 8.5%         | 4.7%           | 8.3%           | 13.8%          | 11.3%         |
|                | 90% Confidence Interval <sup>3</sup> | ± 1.4          | ± 1.4          | ± 7.8           | ± 2.4              | ± 5.0         | ± 6.1        | ± 2.6          | ± 2.9        | ± 1.1          | ± 1.2          | ± 3.4          | $\pm 4.0$     |
| 2009:          | August                               | 54.0           | 42.9           | 1.7             | 9.3                | 6.3           | 4.3          | 9.6            | 8.0          | 27.5           | 21.9           | 10.6           | 8.7           |
|                | September                            | 52.9           | 40.7           | 1.8             | 10.4               | 6.4           | 4.5          | 10.2           | 7.5          | 25.6           | 20.4           | 10.8           | 8.3           |
|                | October                              | 47.9           | 38.6           | 1.3             | 8.0                | 6.2           | 4.5          | 10.0           | 7.4          | 22.3           | 18.9           | 9.4            | 7.6           |
|                | November                             | 42.1           | 31.9           | 2.1             | 8.1                | 5.6           | 3.7          | 8.2            | 5.7          | 20.9           | 16.4           | 7.4            | 6.2           |
|                | December                             | 49.2           | 34.7           | 1.4             | 13.1               | 7.8           | 4.0          | 7.6            | 4.6          | 24.4           | 18.7           | 9.4            | 7.4           |
| 2010:          | January                              | 39.5           | 30.8           | 1.3             | 7.4                | 4.0           | 2.9          | 4.5            | 3.4          | 21.9           | 18.0           | 9.1            | 6.5           |
|                | February                             | 44.1           | 35.0           | 1.3             | 7.8                | 4.8           | 3.6          | 5.3            | 4.6          | 23.0           | 19.2           | 10.9           | 7.6           |
|                | March                                | 62.1           | 49.9           | 2.2             | 10.0               | 5.6           | 4.2          | 9.7            | 7.7          | 33.6           | 27.5           | 13.1           | 10.4          |
|                | April                                | 56.3           | 46.3           | 1.6             | 8.5                | 6.2           | 4.4          | 11.0           | 8.5          | 28.3           | 24.0           | 10.8           | 9.3           |
|                | May<br>June                          | 51.0           | 40.1           | 1.6             | 9.3                | 5.9           | 4.5          | 9.4            | 7.2          | 25.5           | 20.5           | 10.2           | 7.9           |
|                | June                                 | 58.9           | 43.0           | 1.9             | 14.0               | 9.2           | 5.0          | 9.6            | 7.9          | 27.4           | 21.1           | 12.6           | 9.0           |
|                | July (r)                             | 50.4           | 37.5           | 1.7             | 11.2               | 6.2           | 4.2          | 9.1            | 6.8          | 24.8           | 18.7           | 10.3           | 7.8           |
|                | August (p)                           | 52.9           | 37.0           | 1.7             | 14.2               | 6.2           | 4.1          | 8.7            | 6.5          | 25.6           | 19.0           | 12.4           | 7.4           |
|                |                                      |                |                |                 | 2                  |               |              |                | 2            |                |                |                |               |

<sup>(</sup>p) Preliminary. (r) Revised. RSE Relative standard error. S Does not meet publication standards because tests for identifiable and stable seasonality do not meet reliability standards.

X Not applicable. Z Relative standard error is less than 0.5 percent.

<sup>&</sup>lt;sup>1</sup>Average RSE for the latest 6-month period. <sup>2</sup>Reflects revisions not distributed to months.

<sup>&</sup>lt;sup>3</sup> See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

<sup>&</sup>lt;sup>4</sup> Computed using unrounded data.

Table 2. New Privately-Owned Housing Units Authorized, but Not Started, at End of Period

|       |                                      | United States |                    |            | Nortl   | neast  | Midwest     |               | South  |        | West      |        |            |
|-------|--------------------------------------|---------------|--------------------|------------|---------|--------|-------------|---------------|--------|--------|-----------|--------|------------|
|       | Period                               |               | In structures with |            |         |        |             |               |        |        |           |        |            |
|       | Terrou                               |               |                    | 2 to 4     | 5 units |        |             |               |        |        |           |        |            |
|       |                                      | Total         | 1 unit             | units      | or more | Total  | 1 unit      | Total         | 1 unit | Total  | 1 unit    | Total  | 1 unit     |
|       |                                      |               |                    |            |         | 1      | Not season: | ally adjusted | i      |        |           |        |            |
|       |                                      |               |                    |            |         |        |             |               |        |        |           |        |            |
| 2009: | August                               | 97.1          | 59.1               | 3.4        | 34.5    | 8.7    | 5.0         | 10.8          | 7.1    | 53.5   | 36.0      | 24.0   | 11.0       |
|       | September                            | 91.6          | 55.1               | 3.4        | 33.1    | 8.8    | 5.0         | 10.3          | 6.4    | 50.8   | 33.4      | 21.7   | 10.3       |
|       | October                              | 90.9          | 53.2               | 4.4        | 33.4    | 8.8    | 5.1         | 10.7          | 6.3    | 50.1   | 32.1      | 21.3   | 9.7        |
|       | November                             | 87.7          | 49.2               | 4.4        | 34.1    | 8.7    | 5.2         | 9.6           | 5.3    | 48.7   | 29.7      | 20.6   | 9.0        |
|       | December                             | 95.4          | 55.3               | 3.3        | 36.7    | 10.4   | 6.5         | 10.1          | 5.1    | 52.9   | 33.7      | 22.0   | 10.1       |
| 2010: | January                              | 93.6          | 55.1               | 3.6        | 34.9    | 9.8    | 6.3         | 9.8           | 5.2    | 51.4   | 33.5      | 22.6   | 10.2       |
|       | February                             | 96.2          | 55.3               | 3.3        | 37.7    | 10.5   | 6.8         | 9.1           | 4.8    | 53.9   | 33.7      | 22.8   | 10.0       |
|       | March                                | 100.8         | 58.6               | 3.6        | 38.6    | 11.0   | 7.1         | 11.4          | 7.1    | 54.8   | 33.8      | 23.5   | 10.6       |
|       | April                                | 93.3          | 53.0               | 3.6        | 36.7    | 9.9    | 6.3         | 10.9          | 6.8    | 49.7   | 29.2      | 22.8   | 10.7       |
|       | May                                  | 87.7          | 50.7               | 3.7        | 33.4    | 9.0    | 5.3         | 9.2           | 5.6    | 48.0   | 29.7      | 21.5   | 10.7       |
|       | June (r)                             | 92.5          | 51.3               | 4.2        | 37.0    | 11.5   | 5.8         | 9.7           | 6.2    | 49.2   | 29.5      | 22.1   | 9.8        |
|       | July (r)                             | 89.8          | 50.6               | 3.5        | 35.7    | 9.8    | 5.5         | 9.0           | 6.2    | 49.1   | 28.8      | 21.8   | 10.2       |
|       | August (p)                           | 87.0          | 48.9               | 3.7        | 34.5    | 10.1   | 6.0         | 7.7           | 5.1    | 48.0   | 28.3      | 21.2   | 9.4        |
| Avera | ge RSE (%) <sup>1</sup>              | 7             | 8                  | 14         | 9       | 18     | 24          | 11            | 13     | 10     | 11        | 12     | 18         |
| Perce | nt Change: 2                         |               |                    |            |         |        |             |               |        |        |           |        |            |
|       | August 2010 from July 2010           | -3.1%         | -3.4%              | 6.5%       | -3.6%   | 2.6%   | 9.6%        | -14.3%        | -16.9% | -2.3%  | -1.5%     | -2.8%  | -7.5%      |
|       | 90% Confidence Interval <sup>3</sup> | ± 4.8         | ± 7.5              | $\pm 11.8$ | ± 5.5   | ± 12.1 | ± 12.1      | ± 25.8        | ± 38.7 | ± 5.8  | ± 8.4     | ± 7.2  | $\pm8.0$   |
|       | August 2010 from August 2009         | -10.4%        | -17.4%             | 7.4%       | -0.1%   | 15.3%  | 20.9%       | -28.5%        | -28.3% | -10.2% | -21.4%    | -11.8% | -14.4%     |
|       | 90% Confidence Interval <sup>3</sup> | ± 8.7         | ± 8.8              | ± 29.6     | ± 17.2  | ± 25.8 | ± 36.2      | ± 16.9        | ± 22.8 | ± 11.7 | $\pm10.8$ | ± 18.9 | $\pm 11.3$ |

<sup>(</sup>p) Preliminary. (r) Revised. RSE Relative standard error. S Does not meet publication standards because tests for identifiable and stable seasonality do not meet reliability standards.

Note: These data represent the number of housing units authorized in all months up to and including the last day of the reporting period and not started as of that date without regard to the months of original permit issuance. Cancelled, abandoned, expired, and revoked permits are excluded.

<sup>&</sup>lt;sup>1</sup>Average RSE for the latest 6-month period. 
<sup>2</sup> Computed using unrounded data.

<sup>&</sup>lt;sup>3</sup> See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

# Table 3. New Privately-Owned Housing Units Started

|                |                                      | United States  |                |                 | Northeast          |               | Midwest               |               | South         |                | West           |                |               |
|----------------|--------------------------------------|----------------|----------------|-----------------|--------------------|---------------|-----------------------|---------------|---------------|----------------|----------------|----------------|---------------|
|                | Period                               |                | In st          | ructures wi     |                    |               |                       |               |               |                |                |                |               |
|                |                                      | Total          | 1 unit         | 2 to 4<br>units | 5 units<br>or more | Total         | 1 unit                | Total         | 1 unit        | Total          | 1 unit         | Total          | 1 unit        |
|                |                                      |                |                |                 |                    | Sea           | sonally adju          | isted annua   | rate          |                |                |                |               |
| 2009:          | August                               | 585            | 482            | (S)             | 96                 | 71            | 46                    | 106           | 86            | 281            | 237            | 127            | 113           |
|                | September                            | 586            | 507            | (S)             | 70                 | 67            | 51                    | 105           | 85            | 297            | 271            | 117            | 100           |
|                | October                              | 529            | 475            | (S)             | 49                 | 55            | 47                    | 100           | 82            | 269            | 253            | 105            | 93            |
|                | November                             | 589            | 504            | (S)             | 76                 | 66            | 47                    | 107           | 80            | 303            | 271            | 113            | 106           |
|                | December                             | 576            | 486            | (S)             | 78                 | 61            | 48                    | 94            | 81            | 312            | 262            | 109            | 95            |
| 2010:          | January                              | 612            | 511            | (S)             | 94                 | 70            | 58                    | 91            | 76            | 326            | 274            | 125            | 103           |
|                | February<br>March                    | 605            | 527<br>535     | (S)             | 62<br>91           | 72            | 55<br>57              | 105           | 94            | 285            | 262            | 143            | 116           |
|                | Watch                                | 634            | 535            | (S)             | 91                 | 66            | 57                    | 93            | 82            | 339            | 285            | 136            | 111           |
|                | April<br>May                         | 679<br>588     | 563<br>459     | (S)<br>(S)      | 104<br>117         | 84<br>72      | 57<br>56              | 118<br>109    | 93<br>81      | 367<br>291     | 312<br>229     | 110<br>116     | 101<br>93     |
|                | June (r)                             | 539            | 450            | (S)             | 84                 | 60            | 48                    | 83            | 69            | 287            | 238            | 109            | 95            |
|                | July (e)                             | 541            | 120            | (6)             | 102                | 74            | 50                    | 02            | 7.4           | 270            | 221            | 105            | 75            |
|                | July (r)                             | 541            | 420            | (S)             | 103                | 74            | 50                    | 92            | 74            | 270            | 221            | 105            | 75            |
|                | August (p)                           | 598            | 438            | (S)             | 147                | 56            | 36                    | 112           | 88            | 289            | 222            | 141            | 92            |
| Averag         | ge RSE (%) <sup>1</sup>              | 5              | 4              | (X)             | 18                 | 12            | 13                    | 9             | 10            | 8              | 7              | 9              | 9             |
| Perce          | nt Change:                           |                |                |                 |                    |               |                       |               |               |                |                |                |               |
|                | August 2010 from July 2010           | 10.5%          | 4.3%           | (S)             | 42.7%              | -24.3%        | -28.0%                | 21.7%         | 18.9%         | 7.0%           | 0.5%           | 34.3%          | 22.7%         |
|                | 90% Confidence Interval <sup>2</sup> | ± 11.9         | ± 12.4         | (X)             | ± 38.9             | ±21.6         | ± 21.4                | ± 38.3        | ± 38.4        | ± 18.5         | ± 17.0         | ± 23.0         | ± 17.8        |
|                | August 2010 from August 2009         | 2.2%           | -9.1%          | (S)             | 53.1%              | -21.1%        | -21.7%                | 5.7%          | 2.3%          | 2.8%           | -6.3%          | 11.0%          | -18.6%        |
|                | 90% Confidence Interval <sup>2</sup> | ± 9.7          | ± 9.5          | (X)             | ± 35.2             | ± 22.1        | ± 19.8<br>Not seasona | ± 21.6        | ± 24.6        | ± 16.5         | ± 14.8         | ± 20.4         | ± 13.0        |
|                |                                      |                |                |                 |                    |               |                       |               |               |                |                |                |               |
| 2008:<br>2009: |                                      | 905.5<br>554.0 | 622.0<br>445.1 | 17.5<br>11.6    | 266.0<br>97.3      | 121.0<br>61.8 | 62.7<br>44.1          | 134.9<br>97.1 | 102.3<br>76.3 | 453.4<br>278.2 | 323.7<br>232.0 | 196.2<br>116.8 | 133.3<br>92.8 |
| RSE (          | %)                                   | 1              | 1              | 14              | 4                  | 3             | 3                     | 3             | 3             | 2              | 2              | 2              | 2             |
| 2009-          | Year to Date                         | 378.0          | 294.8          | 8.7             | 74.4               | 41.9          | 28.8                  | 64.1          | 50.0          | 188.7          | 152.6          | 83.2           | 63.4          |
|                | Year to Date                         | 411.7          | 336.2          | 7.8             | 67.8               | 46.7          | 35.1                  | 67.9          | 55.5          | 212.3          | 177.4          | 84.9           | 68.1          |
| RSE (9         | ×)                                   | 1              | 1              | 14              | 6                  | 3             | 3                     | 2             | 3             | 2              | 2              | 2              | 2             |
| KSE (          |                                      |                | -              |                 |                    |               |                       |               |               |                |                |                |               |
|                | Year to Date Percent Change 3        | 8.9%           | 14.0%          | -10.6%          | -9.0%              | 11.3%         | 22.0%                 |               |               |                | 16.3%          | 2.0%           | 7.4%          |
|                | 90% Confidence Interval <sup>2</sup> | ± 2.9          | ± 2.8          | ± 24.5          | ± 9.4              | ± 5.8         | ± 7.1                 | ± 7.8         | ± 7.0         | ± 5.0          | ± 4.3          | ± 4.8          | ± 5.0         |
| 2009:          | August                               | 52.9           | 43.4           | 0.6             | 8.9                | 6.5           | 4.2                   | 9.9           | 8.1           | 24.9           | 20.8           | 11.7           | 10.3          |
|                | September                            | 52.6           | 45.6           | 0.8             | 6.2                | 5.8           | 4.4                   | 9.9           | 8.2           | 26.8           | 24.4           | 10.1           | 8.6           |
|                | October                              | 44.5           | 39.4           | 0.4             | 4.7                | 4.9           | 4.2                   | 9.4           | 7.7           | 21.4           | 20.0           | 8.7            | 7.6           |
|                | November                             | 42.3           | 35.2           | 0.8             | 6.4                | 4.8           | 3.2                   | 8.1           | 5.8           | 21.5           | 18.8           | 7.9            | 7.3           |
|                | December                             | 36.6           | 30.1           | 0.9             | 5.7                | 4.4           | 3.4                   | 5.6           | 4.6           | 19.8           | 16.2           | 6.9            | 5.9           |
| 2010:          | January                              | 38.9           | 31.7           | 0.5             | 6.7                | 4.1           | 3.3                   | 4.3           | 3.2           | 22.5           | 18.8           | 7.9            | 6.4           |
|                | February<br>March                    | 40.7           | 35.2           | 1.1             | 4.3                | 3.9           | 2.7                   | 5.4<br>7.0    | 4.7           | 21.2           | 19.6           | 10.2           | 8.3           |
|                |                                      | 54.7           | 47.4           | 0.6             | 6.7                | 5.3           | 4.7                   | 7.0           | 6.2           | 30.8           | 26.8           | 11.5           | 9.7           |
|                | April                                | 62.0           | 52.2           | 1.0             | 8.8                | 7.3           | 5.1                   | 10.8          | 8.7           | 33.8           | 29.2           | 10.0           | 9.2           |
|                | May<br>June (r)                      | 56.2<br>53.8   | 44.5<br>45.5   | 1.1<br>0.5      | 10.5<br>7.8        | 7.1<br>6.4    | 5.6<br>5.4            | 11.0<br>9.1   | 8.5<br>7.8    | 26.8<br>27.5   | 21.2<br>22.9   | 11.3<br>10.8   | 9.2<br>9.4    |
|                | Lule (a)                             |                |                |                 |                    |               |                       |               |               |                |                |                |               |
|                | July (r)                             | 50.6           | 40.0           | 1.6             | 9.0                | 7.2           | 5.1                   | 9.1           | 7.6           | 24.3           | 19.9           | 10.0           | 7.4           |
|                | August (p)                           | 54.8           | 39.7           | 1.2             | 13.9               | 5.2           | 3.2                   | 11.1          | 8.8           | 25.4           | 19.0           | 13.2           | 8.6           |
| Averag         | ge RSE (%) <sup>1</sup>              | 5              | 4              | 32              | 18                 | 12            | 13                    | 9             | 10            | 8              | 7              | 9              | 9             |

<sup>(</sup>p) Preliminary. (r) Revised. RSE Relative standard error. S Does not meet publication standards because tests for identifiable and stable seasonality do not meet reliability standards. X Not applicable.

<sup>&</sup>lt;sup>1</sup>Average RSE for the latest 6-month period.

<sup>&</sup>lt;sup>3</sup> Computed using unrounded data.

 $<sup>^2\,\</sup>mbox{See}$  the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

Table 4. New Privately-Owned Housing Units Under Construction at End of Period

|                                      | United States |                | Northeast    |                | Midwest |            | South        |        | West   |           |                |              |
|--------------------------------------|---------------|----------------|--------------|----------------|---------|------------|--------------|--------|--------|-----------|----------------|--------------|
| Period                               |               | In st          | ructures wi  | th             |         |            |              |        |        |           |                |              |
| renou                                |               |                | 2 to 4       | 5 units        |         |            |              |        |        |           |                |              |
|                                      | Total         | 1 unit         | units        | or more        | Total   | 1 unit     | Total        | 1 unit | Total  | 1 unit    | Total          | 1 unit       |
|                                      |               |                |              |                |         | Seasonal   | ly adjusted  |        |        |           |                |              |
| 2009: August                         | 587           | 310            | (8)          | 262            | 127     | 10         | 84           | 57     | 224    | 129       | 152            | 76           |
| September                            | 577           | 314            | (S)<br>(S)   | 249            | 127     | 48<br>48   | 84           | 58     | 224    | 132       | 148            | 76<br>76     |
|                                      | 311           | 314            | (5)          | 24)            | 123     | 40         | 04           | 30     | 220    | 152       | 140            | 70           |
| October                              | 551           | 305            | (S)          | 232            | 121     | 46         | 84           | 58     | 207    | 129       | 139            | 72           |
| November                             | 533           | 300            | (S)          | 220            | 119     | 46         | 82           | 56     | 200    | 129       | 132            | 69           |
| December                             | 514           | 298            | (S)          | 204            | 115     | 45         | 79           | 55     | 193    | 130       | 127            | 68           |
| 2010: January                        | 503           | 300            | (S)          | 192            | 111     | 45         | 79           | 55     | 191    | 133       | 122            | 67           |
| February                             | 496           | 304            | (S)          | 181            | 110     | 45         | 79           | 57     | 188    | 135       | 119            | 67           |
| March                                | 494           | 308            | (S)          | 175            | 108     | 45         | 80           | 58     | 189    | 138       | 117            | 67           |
| April                                | 487           | 308            | (S)          | 169            | 108     | 45         | 79           | 58     | 186    | 138       | 114            | 67           |
| May                                  | 477           | 302            | (S)          | 164            | 106     | 45         | 79           | 58     | 184    | 135       | 108            | 64           |
| June (r)                             | 448           | 283            | (S)          | 155            | 103     | 42         | 72           | 53     | 176    | 128       | 97             | 60           |
| July (r)                             | 444           | 278            | (S)          | 155            | 104     | 43         | 71           | 51     | 175    | 126       | 94             | 58           |
| August (p)                           | 444           | 276            | (S)          | 157            | 102     | 42         | 71           | 52     | 176    | 124       | 95             | 58           |
| Average RSE (%) <sup>1</sup>         | 3             | 4              | (X)          | 6              | 7       | 8          | 7            | 9      | 4      | 5         | 7              | 8            |
| Percent Change:                      |               |                |              |                |         |            |              |        |        |           |                |              |
| August 2010 from July 2010           | 0.0%          | -0.7%          | (S)          | 1.3%           | -1.9%   | -2.3%      | 0.0%         | 2.0%   | 0.6%   | -1.6%     | 1.1%           | 0.0%         |
| 90% Confidence Interval <sup>2</sup> | ± 1.5         | ± 1.4          | (X)          | ± 2.4          | ± 3.3   | ± 4.1      | ± 2.8        | ± 3.5  | ± 2.4  | $\pm 2.1$ | ± 2.7          | $\pm2.0$     |
| August 2010 from August 2009         | -24.4%        | -11.0%         | (S)          | -40.1%         | -19.7%  | -12.5%     | -15.5%       | -8.8%  | -21.4% | -3.9%     | -37.5%         | -23.7%       |
| 90% Confidence Interval <sup>2</sup> | ± 2.8         | ± 3.5          | (X)          | ± 4.7          | ± 7.4   | ± 8.3      | ± 6.4        | ± 5.8  | ± 4.3  | ± 6.2     | ± 4.1          | ± 4.4        |
|                                      |               |                |              |                |         | Not season | ally adjuste | d      |        |           |                |              |
| 2009: August                         | 605.7         | 227.2          | 15 1         | 262.2          | 129.8   | 50.5       | 88.0         | 60.9   | 230.1  | 134.8     | 157.7          | 91.2         |
| September                            | 592.8         | 327.3<br>327.9 | 15.1<br>14.4 | 263.3<br>250.4 | 129.8   | 49.7       | 88.0         | 61.7   | 230.1  | 137.3     | 157.7<br>152.1 | 81.2<br>79.3 |
| •                                    |               |                |              |                |         |            |              |        |        |           |                |              |
| October                              | 563.9         | 315.7          | 13.6         | 234.6          | 123.3   | 47.6       | 87.4         | 61.6   | 211.2  | 132.4     | 141.9          | 74.1         |
| November                             | 534.8         | 300.8          | 13.2         | 220.8          | 119.9   | 46.7       | 84.0         | 57.7   | 199.3  | 127.8     | 131.6          | 68.5         |
| December                             | 495.4         | 283.1          | 11.9         | 200.4          | 112.2   | 43.7       | 76.4         | 53.0   | 183.6  | 121.7     | 123.2          | 64.6         |
| 2010: January                        | 483.5         | 283.4          | 10.5         | 189.6          | 107.8   | 42.8       | 74.9         | 51.8   | 183.1  | 125.7     | 117.7          | 63.1         |
| February                             | 476.2         | 287.0          | 10.6         | 178.6          | 105.8   | 42.2       | 73.8         | 52.3   | 181.0  | 128.4     | 115.6          | 64.0         |
| March                                | 480.8         | 295.8          | 10.7         | 174.2          | 106.0   | 43.1       | 75.0         | 53.4   | 185.1  | 134.8     | 114.6          | 64.6         |
| April                                | 485.1         | 304.7          | 10.2         | 170.2          | 106.7   | 43.8       | 77.6         | 56.0   | 187.3  | 139.1     | 113.5          | 65.8         |
| May                                  | 482.8         | 306.0          | 10.7         | 166.1          | 106.5   | 44.9       | 78.7         | 57.5   | 187.6  | 138.1     | 109.9          | 65.4         |
| June (r)                             | 457.6         | 290.9          | 10.2         | 156.5          | 105.1   | 43.6       | 73.5         | 54.0   | 180.5  | 131.9     | 98.5           | 61.4         |
| July (r)                             | 458.5         | 291.4          | 10.8         | 156.4          | 106.6   | 44.8       | 73.8         | 53.8   | 180.2  | 131.4     | 97.9           | 61.3         |
| August (p)                           | 456.5         | 288.6          | 11.1         | 156.8          | 103.3   | 43.5       | 74.3         | 55.3   | 180.3  | 128.7     | 98.6           | 61.2         |
| Average RSE (%) <sup>1</sup>         | 3             | 4              | 9            | 6              | 7       | 8          | 7            | 9      | 4      | 5         | 7              | 8            |

<sup>(</sup>p) Preliminary. (r) Revised. RSE Relative standard error. S Does not meet publication standards because tests for identifiable and stable seasonality do not meet reliability standards. X Not applicable.

<sup>&</sup>lt;sup>1</sup>Average RSE for the latest 6-month period.

<sup>&</sup>lt;sup>2</sup> See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

Table 5. New Privately-Owned Housing Units Completed

|        |  | United States |              |                 | North              | Northeast  |              | Midwest      |            | South        |              | est  |             |
|--------|--|---------------|--------------|-----------------|--------------------|------------|--------------|--------------|------------|--------------|--------------|--|-------------|
|        | Period                                   |               | In st        | ructures wi     |                    |            |              |              |            |              |              |  |             |
|        |  | Total         | 1 unit       | 2 to 4<br>units | 5 units<br>or more | Total      | 1 unit       | Total        | 1 unit     | Total        | 1 unit       | Total  | 1 unit      |
|        |  |               |              |                 |                    | Seas       | sonally adju | sted annua   | rate       |              |              |  |             |
| 2009:  | August                                   | 790           | 509          | (S)             | 265                | 66         | 43           | 127          | 98         | 439          | 256          | 158  | 112         |
|        | September                                | 721           | 480          | (S)             | 223                | 100        | 57           | 105          | 75         | 340          | 240          | 176  | 108         |
|        | October                                  | 751           | 531          | (S)             | 205                | 94         | 63           | 97           | 81         | 365          | 255          | 195  | 132         |
|        | November                                 | 850           | 561          | (S)             | 273                | 102        | 53           | 144          | 100        | 404          | 266          | 200  | 142         |
|        | December                                 | 752           | 495          | (S)             | 236                | 79         | 59           | 127          | 98         | 390          | 237          | 156  | 101         |
| 2010:  | January                                  | 662           | 440          | (S)             | 205                | 86         | 50           | 82           | 69         | 296          | 208          | 198  | 113         |
|        | February<br>March                        | 668<br>643    | 455<br>489   | (S)<br>(S)      | 204<br>145         | 85<br>66   | 51<br>47     | 87<br>82     | 66<br>74   | 328<br>340   | 234<br>261   |  | 104<br>107  |
|        | ······································   | 043           | 407          | (3)             | 143                | 00         | 47           | 02           | /4         | 340          | 201          | 155  | 107         |
|        | April<br>May                             | 747<br>705    | 554<br>516   | (S)<br>(S)      | 181<br>184         | 94<br>93   | 60<br>59     | 105<br>120   | 78<br>80   | 407<br>312   | 310<br>262   | 141<br>180   | 106<br>115  |
|        | June (r)                                 | 879           | 682          | (S)             | 189                | 84         | 70           | 171          | 135        | 391          | 333          | 233  | 144         |
|        | July (r)                                 | 571           | 476          | (S)             | 88                 | 62         | 44           | 105          | 91         | 291          | 252          | 113  | 89          |
|        |  |               |              |                 |                    |            |              |              |            |              |              |  | 0=          |
|        | August (p)                               | 603           | 482          | (S)             | 115                | 86         | 55           | 105          | 73         | 283          | 257          |  | 97          |
|        | ge RSE (%) <sup>1</sup>                  | 5             | 5            | (X)             | 15                 | 17         | 16           | 14           | 13         | 7            | 7            | 11   | 11          |
|        | nt Change:<br>August 2010 from July 2010 | 5.6%          | 1.3%         | (S)             | 30.7%              | 38.7%      | 25.0%        | 0.0%         | -19.8%     | -2.7%        | 2.0%         | 14.2%  | 9.0%        |
|        | 90% Confidence Interval <sup>2</sup>     | ± 12.6        | ± 12.0       | (X)             | ± 44.1             | ± 60.3     | ± 68.5       | ± 31.1       | ± 28.7     | ± 15.5       | ± 15.2       |  | ± 24.0      |
|        | August 2010 from August 2009             | -23.7%        | -5.3%        | (S)             | -56.6%             | 30.3%      | 27.9%        | -17.3%       | -25.5%     | -35.5%       | 0.4%         |  | -13.4%      |
|        | 90% Confidence Interval <sup>2</sup>     | ± 9.6         | ± 11.5       | (X)             | ± 14.2             | ± 46.2     | ± 54.0       | ± 22.5       | ± 23.0     | ± 9.9        | ± 13.5       |  | ± 28.1      |
|        | 90/0 Confidence Interval                 |               |              | ()              |                    |            | Not seasona  |              |            |              |              |  |             |
| 2008:  |  | 1,119.7       | 818.8        | 23.7            | 277.2              | 109.6      | 72.9         | 178.2        | 138.6      | 567.4        | 417.5        | 264.4  | 189.9       |
| 2009:  |  | 794.4         | 520.1        | 14.5            | 259.8              | 94.2       | 53.8         | 119.2        | 89.3       | 393.5        | 259.0        | 187.5  | 118.1       |
| RSE (9 | 6)                                       | 2             | 2            | 14              | 5                  | 7          | 5            | 3            | 3          | 2            | 2            | 3  | 4           |
| 2009:  | Year to Date                             | 517.5         | 329.1        | 8.5             | 179.9              | 59.6       | 31.2         | 74.9         | 55.1       | 260.6        | 169.0        | 122.4  | 73.8        |
| 2010:  | Year to Date                             | 436.5         | 325.3        | 5.9             | 105.3              | 51.9       | 34.0         | 68.1         | 52.0       | 211.2        | 169.6        | 105.3  | 69.6        |
| RSE (9 | 6)                                       | 2             | 2            | 19              | 6                  | 5          | 5            | 4            | 3          | 3            | 3            | 5  | 3           |
|        | Year to Date Percent Change <sup>3</sup> | -15.7%        | -1.2%        | -30.4%          | -41.4%             | -13.0%     | 9.1%         | -9.1%        | -5.8%      | -19.0%       | 0.4%         | -13.9%   | -5.7%       |
|        | 90% Confidence Interval <sup>2</sup>     | ± 3.8         | ± 3.8        | ± 27.7          | ± 8.3              | ± 15.1     | ± 14.9       | ± 8.4        | ± 7.5      | ± 5.7        | ± 5.6        | ± 7.6  | ± 9.4       |
|        |  |               |              |                 |                    |            |              |              |            |              |              |  |             |
| 2009:  | August<br>September                      | 73.9<br>64.4  | 44.5<br>43.9 | 1.7<br>1.5      | 27.8<br>19.1       | 6.3<br>8.9 | 3.9<br>5.3   | 11.9<br>9.9  | 8.9<br>7.3 | 41.3<br>29.8 | 22.1<br>21.2 |  | 9.6<br>10.1 |
|        |  |               |              |                 |                    |            |              |              |            |              |              |  |             |
|        | October<br>November                      | 67.4          | 49.0         | 1.3             | 17.1               | 9.0        | 6.4          | 9.0          | 7.7<br>9.7 | 32.3<br>33.7 | 23.1         | 17.2   | 11.9        |
|        | December                                 | 72.6<br>72.4  | 50.1<br>48.0 | 1.3<br>2.0      | 21.2<br>22.5       | 8.5<br>8.1 | 4.7<br>6.2   | 13.1<br>12.3 | 9.7        | 37.2         | 22.9<br>22.7 | 17.3   | 12.7<br>9.6 |
| 2010-  | January                                  | 46.2          | 20.0         | 1.2             | 15.1               | 5.0        | 2.2          |              | 4.5        | 21.2         | 14.7         | 12.0   | 7.0         |
| 2010.  | February                                 | 46.3<br>45.4  | 30.0<br>30.7 | 1.3<br>0.6      | 15.1<br>14.1       | 5.8<br>5.6 | 3.2<br>3.2   | 5.5<br>5.7   | 4.5<br>4.3 | 21.2<br>23.0 | 14.7<br>16.5 |  | 7.6<br>6.8  |
|        | March                                    | 48.6          | 37.6         | 0.6             | 10.4               | 4.4        | 3.0          | 5.7          | 5.2        | 26.0         | 20.4         | 12.5   | 9.0         |
|        | April                                    | 57.7          | 42.9         | 0.9             | 13.9               | 7.2        | 4.6          | 7.9          | 5.8        | 32.1         | 24.7         | 10.5   | 7.9         |
|        | May                                      | 58.7          | 43.0         | 0.5             | 15.2               | 7.5        | 4.7          | 10.0         | 6.7        | 26.2         | 22.1         | 14.9   | 9.5         |
|        | June (r)                                 | 77.7          | 60.1         | 0.7             | 16.9               | 7.7        | 6.5          | 14.8         | 11.6       | 33.9         | 28.7         | 21.2   | 13.3        |
|        | July (r)                                 | 47.8          | 39.4         | 0.6             | 7.8                | 5.5        | 3.9          | 8.6          | 7.4        | 24.1         | 20.6         | 9.6  | 7.5         |
|        | August (p)                               | 54.2          | 41.6         | 0.7             | 12.0               | 8.1        | 4.9          | 9.9          | 6.5        | 24.7         | 22.0         | Total  158 176 195 200 156 198 168 155 141 180 233 113 129 11 14.2% ±28.4 -18.4% ±25.1  264.4 187.5 3 122.4 105.3 5 -13.9% ±7.6 14.5 15.9 17.2 17.3 14.8 13.9 11.2 12.5 10.5 14.9 21.2 | 8.1         |
|        | ge RSE (%) <sup>1</sup>                  | 5             | 5            | 40              | 15                 | 17         | 16           | 14           | 13         | 7            | 7            | 11   | 11          |

<sup>(</sup>p) Prelminary. (r) Revised. RSE Relative standard error. S Does not meet publication standards because tests for identifiable and stable seasonality do not meet reliability standards. X Not applicable.

<sup>&</sup>lt;sup>1</sup>Average RSE for the latest 6-month period.

<sup>&</sup>lt;sup>3</sup> Computed using unrounded data.

 $<sup>^2\,\</sup>mbox{See}$  the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.