### **U.S. Census Bureau News**

## **Joint Release**

# U.S. Department of Housing and Urban Development

U.S. Department of Commerce • Washington, D.C. 20233

#### FOR IMMEDIATE RELEASE THURSDAY, SEPTEMBER 17, 2015 AT 8:30 A.M. EDT

CB15-159

Raemeka Mayo or Stephen Cooper Economic Indicators Division (301) 763-5160

#### **NEW RESIDENTIAL CONSTRUCTION IN AUGUST 2015**

The U.S. Census Bureau and the Department of Housing and Urban Development jointly announced the following new residential construction statistics for August 2015:

#### **BUILDING PERMITS**

Privately-owned housing units authorized by building permits in August were at a seasonally adjusted annual rate of 1,170,000. This is 3.5 percent ( $\pm 1.4\%$ ) above the revised July rate of 1,130,000 and is 12.5 percent ( $\pm 1.9\%$ ) above the August 2014 estimate of 1,040,000.

Single-family authorizations in August were at a rate of 699,000; this is 2.8 percent ( $\pm 1.7\%$ ) above the revised July figure of 680,000. Authorizations of units in buildings with five units or more were at a rate of 440,000 in August.

#### **HOUSING STARTS**

Privately-owned housing starts in August were at a seasonally adjusted annual rate of 1,126,000. This is 3.0 percent ( $\pm 11.3\%$ )\* below the revised July estimate of 1,161,000, but is 16.6 percent ( $\pm 10.4\%$ ) above the August 2014 rate of 966,000.

Single-family housing starts in August were at a rate of 739,000; this is 3.0 percent  $(\pm 9.5\%)^*$  below the revised July figure of 762,000. The August rate for units in buildings with five units or more was 381,000.

#### HOUSING COMPLETIONS

Privately-owned housing completions in August were at a seasonally adjusted annual rate of 935,000. This is 6.1 percent  $(\pm 12.5\%)^*$  below the revised July estimate of 996,000, but is 3.3 percent  $(\pm 12.7\%)^*$  above the August 2014 rate of 905,000.

Single-family housing completions in August were at a rate of 646,000; this is 1.6 percent ( $\pm 11.0\%$ )\* above the revised July rate of 636,000. The August rate for units in buildings with five units or more was 283,000.

New Residential Construction data for September 2015 will be released on Tuesday, October 20, 2015, at 8:30 A.M. EDT.

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

To learn more about this release and the other indicators the U.S. Census Bureau publishes, join us for the Investigating Economic Indicators Webinar Series. For more information, visit <a href="https://www.census.gov/econ/webinar">www.census.gov/econ/webinar</a>.

To receive the latest updates on the Nation's key economic indicators, download the America's Economy app for Apple and Android smartphones and tablets.

#### **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, 6 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 three 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

Period				United	States		North	neast	Mid	west	So	uth	W	est	
Total   Lamb   Care		Pariod				th									
2014   August   1,000   640   33   362   111   58   110   100   540   323   213   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215   215		renou	Total	1 unit			Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit	
2014   August   1,000   641   35   502   117   54   110   110   550   351   273   1			Total	1 uiiit	uiiits	or more					Totai	1 unit	Totai	1 unit	
Consider   1,020   6.50   2.00   2.04   1.00   1.00   1.00   1.00   2.20   2.02   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.00   2.															
	2014:		1,040	643	35	362	117	54	170	108	536	353	217	128	
Normbore   1,079   668   228   288   135   61   141   77   151   399   233   3.5		September	1,053	653	26	374	130	59	163	101	525	362	235	131	
Nomimine   1,079   630   22   28   28   213   31   41   47   511   239   233   21   21   21   21   21   21   2		October	1,120	652	32	436	117	55	158	102	559	360	286	135	
1.00		November			28	388	135		143	97	518		283	146	
February   1,088   636   28   444   92   30   138   95   500   340   229   1		December	1,077	685	24	368	101	53	163	100	573	379	240	153	
Primary   1,008   626   28   444   92   38   138   95   500   340   229   1	2015:	January	1,059	657	27	375	121	50	148	99	520	364	270	144	
Agril   1,140   666   32   442   175   45   147   100   551   368   207   1   May   1,250   661   34   535   388   47   171   100   558   368   276   1   May   1,250   661   34   535   388   47   171   100   558   368   376   270   1   May   1,137   662   34   641   284   50   174   100   558   376   270   1   May   1,137   669   31   446   169   56   175   104   590   375   296   1   May   1,137   669   31   446   169   56   175   104   590   375   296   1   May   1,137   669   31   446   169   56   175   104   590   375   296   1   May   1,137   669   31   446   169   56   175   104   590   375   296   1   May   1,137   669   31   446   169   56   175   104   590   375   296   1   May   1,137   679   31   446   169   56   175   104   590   375   296   1   May   1,137   679   31   446   169   56   175   104   590   375   296   1   May   1,137   679   31   446   169   56   175   104   590   375   296   1   May   1,137   679   31   446   169   56   175   104   590   375   296   58   May   1,137   679   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136   4.136		February	1,098	626	28	444	92	36	158	92	569	349	279	149	
May   1,250   601   34   535   288   47   171   188   532   368   263   1		March	1,038	642	26	370	129	42	149	99	496	352	264	149	
May   1,250   601   34   535   288   47   171   188   532   368   263   1		April	1 140	666	32	442	175	45	147	100	551	365	267	156	
Lishy (r)		-												161	
August (p)  1,170   6699   31   440   109   56   175   104   590   375   296   14    Average RSE (s),		June	1,337	692	34	611	284	50	174	109	586	376	293	157	
August (p)  1,170   6699   31   440   109   56   175   104   590   375   296   14    Average RSE (w)		July (r)	1 130	680	28	422	114	53	170	107	576	365	270	155	
Avenue RSE (%)		July (1)	1,130	080	20	422	114	33	170	107	370	303	270	133	
Percent Change:		August (p)	1,170	699	31	440	109	56	175	104	590	375	296	164	
August 2015 from July 2015  90% Confidence Interval	Averag	ge RSE (%) <sup>1</sup>	2	2	7	2	3	4	4	4	2	2	2	3	
Angust 2015 from July 2015  90% Confidence Interval 3  =1.4 = 1.7 = 1.09 = ±1.7 = 1.09 = ±1.7 = 2.59 = ±7.8 = ±0.0 = ±7.8 = ±0.0 = ±1.8 = ±1.7 = ±0.9 = ±1.8 = ±1.7 = ±0.9 = ±1.8 = ±1.7 = ±0.9 = ±1.8 = ±1.7 = ±0.9 = ±1.8 = ±1.8 = ±1.7 = ±1.9 = ±1.8 = ±1.8 = ±1.7 = ±1.9 = ±1.8 = ±1.8 = ±1.8 = ±1.7 = ±1.9 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8 = ±1.8	Perce	nt Change:													
Second   S		-	3.5%	2.8%	10.7%	4.3%	-4.4%	5.7%	2.9%	-2.8%	2.4%	2.7%	9.6%	5.8%	
August 2015 from August 2014 90% Confidence Interval \$ \frac{1}{2}\triangle 2 \frac{1}{2}\t			± 1.4	± 1.7	± 10.9	± 3.7	± 3.9	± 7.3	± 3.0	± 2.7	± 2.1	± 1.5	± 2.1	± 3.2	
2004 Universe   2004 Univers			12.5%	8.7%	-11.4%	21.5%	-6.8%	3.7%	2.9%	-3.7%	10.1%	6.2%	36.4%	28.1%	
2014   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2   1/2			± 1.9	± 2.1	± 17.9	± 3.1	± 7.5	± 10.1	± 8.1	± 6.9	± 1.3	± 1.6	± 1.7	± 2.4	
2014: 1,046.4 634.6 29.8 382.0 118.5 54.5 164.0 99.9 519.5 343.0 233.7 132.2014: 2014: 1,052.1 640.3 29.9 382.0 118.5 54.5 164.0 99.9 519.5 343.0 244.4 137.  2014: 1,052.1 640.3 29.9 382.0 118.5 54.5 164.0 99.9 519.5 343.0 244.4 137.  2014: Year to Date <sup>2</sup> 694.7 430.9 17.9 245.9 70.1 33.8 108.7 68.4 346.2 233.0 160.7 9.2 215: Year to Date <sup>2</sup> 790.4 469.7 21.3 299.5 113.3 32.7 109.2 70.7 380.9 256.6 187.0 168.  RSE (%) 2 2 2 5 1 2 3 4 4 2 2 1 2 Year to Date Percent Change <sup>4</sup> 13.8% 9.0% 19.0% 21.8% 43.2% -3.3% 0.5% 3.4% 10.0% 10.1% 16.4% 14.8 9.0% Confidence Interval <sup>3</sup> ± 2.0 ± 1.9 ± 11.5 ± 2.3 ± 4.2 ± 4.1 ± 6.8 ± 7.6 ± 1.4 ± 1.0 ± 2.1 ± 2.2 2014: August 9.03 56.3 3.1 38.4 10.1 5.1 16.2 10.4 48.4 30.1 23.7 10.0 Cotober 98.4 56.9 3.1 38.4 10.1 5.1 16.2 10.4 48.4 30.1 23.7 10.0 Cotober 98.4 56.9 3.1 38.4 10.1 5.1 16.2 10.4 48.4 30.1 23.7 10.0 Cotober 85.0 473 2.0 35.7 2.0 35.7 8.2 3.8 11.1 5.8 45.7 26.9 19.9 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.5		,						Not season:	ally adjuste	i					
2014:  2014 (1) \text{ with the control of the control	2012	2004 Universe	000.8	(20.9	20.0	241.1					402.2	220.0	222.7	126.2	
2014:														136.3	
2014:		2014 Universe													
2014: Year to Date <sup>2</sup> 2015: Year to Date <sup>2</sup> 2016: Year to Date <sup>2</sup> 2017: Year to Date <sup>2</sup> 2018: Year to Date <sup>2</sup> 2019: Year to Date Percent Change <sup>4</sup> 2010: Year to Date Percent Change <sup>4</sup> 2010: Year to Date Percent Change <sup>4</sup> 2010: Year to Date Percent Change <sup>4</sup> 2011: Year to Date Percent Change <sup>4</sup> 2012: Year to Date Percent Change <sup>4</sup> 2013: Year to Date Percent Change <sup>4</sup> 2014: August 2015: August 2016: August 2016: August 2017: Year to Date Percent Change <sup>4</sup> 2018: Year to Date Percent Change <sup>4</sup> 2019: August 2014: August 2014: August 2014: August 2016: August 2016: August 2017: January 2018: January 2018: January 2018: January 2019:	2014:	2014 CHIVEISC	1,052.1	640.3	29.9	382.0	118.5	54.6	165.2	101.0	524.1	347.7	244.3	137.1	
2014: Year to Date <sup>2</sup> 2015: Year to Date <sup>2</sup> 2016: Year to Date <sup>2</sup> 2017: Year to Date <sup>2</sup> 2018: Year to Date <sup>2</sup> 2019: Year to Date Percent Change <sup>4</sup> 2010: Year to Date Percent Change <sup>4</sup> 2010: Year to Date Percent Change <sup>4</sup> 2011: Year to Date Percent Change <sup>4</sup> 2011: Year to Date Percent Change <sup>4</sup> 2012: Year to Date Percent Change <sup>4</sup> 2013: Year to Date Percent Change <sup>4</sup> 2014: August 2015: Year to Date Percent Change <sup>4</sup> 2016: Year to Date Percent Change <sup>4</sup> 2017: Year to Date Percent Change <sup>4</sup> 2018: Year to Date Percent Change <sup>4</sup> 2018: Year to Date Percent Change <sup>4</sup> 2019: Year to Date Percent Change <sup>4</sup> 2010: Yea	RSE (9	%)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
2015: Year to Date <sup>2</sup> 790.4  469.7  21.3  299.5  11 33 32.7  109.2  70.7  380.9  256.6  187.0  105.8  RSE (%)  2 2 5 11 2 3 3 4 4 4 2 1 1 2   Year to Date Percent Change <sup>4</sup> 13.8%  9.0%  19.0%  21.8%  43.2%  -3.3%  0.5%  3.4%  10.0%  10.0%  10.1%  16.4%  14.8  90% Confidence Interval <sup>3</sup> ±2.0  ±1.9  ±11.5  ±2.3  ±4.2  ±4.1  ±6.8  ±7.6  ±1.4  ±1.0  ±2.1  ±2.1  ±2.2  2014: August  September  92.7  56.0  2.4  34.3  11.9  5.6  11.6  9.7  44.5  29.8  19.7  11.6  October  98.4  56.9  3.1  38.4  10.1  5.1  16.2  10.4  48.4  30.1  23.7  11.1  5.8  43.9  20.0  20.15: January  70.0  43.5  February  77.5  43.5  2.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0  32.0		•,													
RSE (%)    2   2   5   1   2   3   4   4   2   1   2	2014:	Year to Date <sup>2</sup>	694.7	430.9	17.9	245.9	79.1	33.8	108.7	68.4	346.2	233.0	160.7	95.6	
Year to Date Percent Change   13.8%   9.0%   19.0%   21.8%   43.2%   -3.3%   0.5%   3.4%   10.0%   10.1%   16.4%   14.8   90% Confidence Interval   2	2015:	Year to Date <sup>2</sup>	790.4	469.7	21.3	299.5	113.3	32.7	109.2	70.7	380.9	256.6	187.0	109.7	
90% Confidence Interval 3	RSE (	%)	2	2	5	1	2	3	4	4	2	1	2	2	
90% Confidence Interval 3		Vocanto Dato Bonout Chanco 4	12 90/	0.0%	10.0%	21.89/	42 20/	2 20/	0.5%	2 /10/	10.0%	10.1%	16 49/	14 90/	
2014: August 90.3 56.3 3.1 30.9 10.2 4.6 15.7 10.2 46.0 30.5 18.5 11 September 92.7 56.0 2.4 34.3 11.9 5.6 16.6 9.7 44.5 29.8 19.7 10.0 October 98.4 56.9 3.1 38.4 10.1 5.1 16.2 10.4 48.4 30.1 23.7 11 November 72.8 42.8 2.0 28.1 10.0 4.4 10.2 6.4 33.9 23.0 18.8 50 December 85.0 47.3 2.0 35.7 8.2 3.8 11.1 5.8 45.7 26.9 19.9 16.2 2015: January 70.0 43.5 1.7 24.8 7.5 2.9 6.7 4.6 38.1 26.7 17.7 5.9 February 77.5 43.5 2.0 32.0 5.2 2.0 7.9 4.6 43.9 26.6 20.6 10 March 91.3 57.5 2.3 31.5 10.2 3.5 12.1 8.1 45.7 32.5 23.3 13.    April 104.8 64.2 2.8 37.9 16.2 4.2 14.3 10.2 49.8 34.8 24.5 14.    May 111.1 62.3 3.0 45.9 25.6 4.4 16.3 10.4 46.2 32.5 23.1 14.    May 111.1 62.3 3.0 45.9 25.6 4.4 16.3 10.4 46.2 32.5 23.1 14.    June 134.1 70.0 3.6 60.5 31.1 5.1 17.8 11.6 55.2 36.4 29.9 16.    July (r) 102.0 64.9 2.7 34.4 10.7 5.1 16.3 10.8 50.5 33.8 24.5 14.    August (p) 98.3 61.2 2.8 34.2 9.7 4.9 15.7 9.9 48.4 32.4 24.5 14.															
September       92.7       56.0       2.4       34.3       11.9       5.6       16.6       9.7       44.5       29.8       19.7       16.6         October       98.4       56.9       3.1       38.4       10.1       5.1       16.2       10.4       48.4       30.1       23.7       11         November       72.8       42.8       2.0       28.1       10.0       4.4       10.2       6.4       33.9       23.0       18.8       6.9         December       85.0       47.3       2.0       35.7       8.2       3.8       11.1       5.8       45.7       26.9       19.9       16.         2015: January       70.0       43.5       1.7       24.8       7.5       2.9       6.7       4.6       38.1       26.7       17.7       5.9         February       77.5       43.5       2.0       32.0       5.2       2.0       7.9       4.6       43.9       26.6       20.6       10.6         March       91.3       57.5       2.3       31.5       10.2       3.5       12.1       8.1       45.7       32.5       23.3       13         April       104.8       64.2       2.		90% Confidence Interval	± 2.0	± 1.9	±11.5	± 2.3	± 4.2	± 4.1	± 6.8	± 7.6	± 1.4	± 1.0	± 2.1	± 2.4	
October  98.4  56.9  3.1  38.4  10.1  5.1  16.2  10.4  48.4  30.1  23.7  11  November  72.8  42.8  2.0  28.1  10.0  4.4  10.2  6.4  33.9  23.0  18.8  5.0  2015: January  70.0  43.5  1.7  24.8  7.5  2.9  6.7  4.6  38.1  26.7  17.7  5.1  March  91.3  57.5  2.3  31.5  10.2  3.5  10.2  3.5  10.2  3.5  10.2  3.6  4.6  38.1  26.7  17.7  5.8  27.8  28.2  38.8  11.1  58.8  45.7  26.9  19.9  10.8  10.8  10.8  10.8  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9  10.9	2014:	August	90.3	56.3	3.1	30.9	10.2	4.6	15.7	10.2	46.0	30.5	18.5	11.0	
November 72.8 42.8 2.0 28.1 10.0 4.4 10.2 6.4 33.9 23.0 18.8 5.0 2.0 35.7 8.2 3.8 11.1 5.8 45.7 26.9 19.9 10.0 2015: January 70.0 43.5 1.7 24.8 7.5 2.9 6.7 4.6 38.1 26.7 17.7 5.9 43.5 2.0 32.0 5.2 2.0 7.9 4.6 43.9 26.6 20.6 10.0 March 91.3 57.5 2.3 31.5 10.2 3.5 12.1 8.1 45.7 32.5 23.3 12.1 8.1 45.7 32.5 23.3 12.1 44.9 June 134.1 70.0 3.6 60.5 31.1 5.1 17.8 11.6 55.2 36.4 29.9 10.0 July (r) 102.0 64.9 2.7 34.4 10.7 5.1 16.3 10.8 50.5 33.8 24.5 14.0 August (p) 98.3 61.2 2.8 34.2 9.7 4.9 15.7 9.9 48.4 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 1		September	92.7	56.0	2.4	34.3	11.9	5.6	16.6	9.7	44.5	29.8	19.7	10.9	
November 72.8 42.8 2.0 28.1 10.0 4.4 10.2 6.4 33.9 23.0 18.8 5.0 2.0 35.7 8.2 3.8 11.1 5.8 45.7 26.9 19.9 10.0 2015: January 70.0 43.5 1.7 24.8 7.5 2.9 6.7 4.6 38.1 26.7 17.7 5.9 43.5 2.0 32.0 5.2 2.0 7.9 4.6 43.9 26.6 20.6 10.0 March 91.3 57.5 2.3 31.5 10.2 3.5 12.1 8.1 45.7 32.5 23.3 12.1 8.1 45.7 32.5 23.3 12.1 44.9 June 134.1 70.0 3.6 60.5 31.1 5.1 17.8 11.6 55.2 36.4 29.9 10.0 July (r) 102.0 64.9 2.7 34.4 10.7 5.1 16.3 10.8 50.5 33.8 24.5 14.0 August (p) 98.3 61.2 2.8 34.2 9.7 4.9 15.7 9.9 48.4 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 14.0 32.4 24.5 1		October	98.4	56.9	3.1	38.4	10.1	5.1	16.2	10.4	48.4	30.1	23.7	11.3	
2015: January 70.0 43.5 1.7 24.8 7.5 2.9 6.7 4.6 38.1 26.7 17.7 9.5 February 77.5 43.5 2.0 32.0 5.2 2.0 7.9 4.6 43.9 26.6 20.6 10 March 91.3 57.5 2.3 31.5 10.2 3.5 12.1 8.1 45.7 32.5 23.3 13.5 April 104.8 64.2 2.8 37.9 16.2 4.2 14.3 10.2 49.8 34.8 24.5 14.4 May 111.1 62.3 3.0 45.9 25.6 4.4 16.3 10.4 46.2 32.5 23.1 14.5 June 134.1 70.0 3.6 60.5 31.1 5.1 17.8 11.6 55.2 36.4 29.9 16.5 July (r) 102.0 64.9 2.7 34.4 10.7 5.1 16.3 10.8 50.5 33.8 24.5 15.4 August (p) 98.3 61.2 2.8 34.2 9.7 4.9 15.7 9.9 48.4 32.4 24.5 14.5														9.0	
February       77.5       43.5       2.0       32.0       5.2       2.0       7.9       4.6       43.9       26.6       20.6       10         March       91.3       57.5       2.3       31.5       10.2       3.5       12.1       8.1       45.7       32.5       23.3       13         April       104.8       64.2       2.8       37.9       16.2       4.2       14.3       10.2       49.8       34.8       24.5       14         May       111.1       62.3       3.0       45.9       25.6       4.4       16.3       10.4       46.2       32.5       23.1       14         June       134.1       70.0       3.6       60.5       31.1       5.1       17.8       11.6       55.2       36.4       29.9       16         July (r)       102.0       64.9       2.7       34.4       10.7       5.1       16.3       10.8       50.5       33.8       24.5       15         August (p)       98.3       61.2       2.8       34.2       9.7       4.9       15.7       9.9       48.4       32.4       24.5       14		December	85.0	47.3	2.0	35.7	8.2	3.8	11.1	5.8	45.7	26.9	19.9	10.9	
February       77.5       43.5       2.0       32.0       5.2       2.0       7.9       4.6       43.9       26.6       20.6       10         March       91.3       57.5       2.3       31.5       10.2       3.5       12.1       8.1       45.7       32.5       23.3       13         April       104.8       64.2       2.8       37.9       16.2       4.2       14.3       10.2       49.8       34.8       24.5       14         May       111.1       62.3       3.0       45.9       25.6       4.4       16.3       10.4       46.2       32.5       23.1       14         June       134.1       70.0       3.6       60.5       31.1       5.1       17.8       11.6       55.2       36.4       29.9       16         July (r)       102.0       64.9       2.7       34.4       10.7       5.1       16.3       10.8       50.5       33.8       24.5       15         August (p)       98.3       61.2       2.8       34.2       9.7       4.9       15.7       9.9       48.4       32.4       24.5       14	2015:	January	70.0	43.5	1.7	24.8	7.5	2.9	67	4.6	38.1	26.7	17.7	9.4	
April 104.8 64.2 2.8 37.9 16.2 4.2 14.3 10.2 49.8 34.8 24.5 14.4 11.1 62.3 3.0 45.9 25.6 4.4 16.3 10.4 46.2 32.5 23.1 14.4 11.4 11.4 11.4 11.4 11.4 11.4 1	2010.													10.3	
May June 111.1 62.3 3.0 45.9 25.6 4.4 16.3 10.4 46.2 32.5 23.1 14.2 134.1 70.0 3.6 60.5 31.1 5.1 17.8 11.6 55.2 36.4 29.9 16.1 102.0 64.9 2.7 34.4 10.7 5.1 16.3 10.8 50.5 33.8 24.5 15.1 14.2 14.2 14.2 14.2 14.2 14.2 14.2 14		March	91.3	57.5	2.3	31.5	10.2	3.5	12.1	8.1	45.7	32.5	23.3	13.3	
May June 111.1 62.3 3.0 45.9 25.6 4.4 16.3 10.4 46.2 32.5 23.1 14.2 134.1 70.0 3.6 60.5 31.1 5.1 17.8 11.6 55.2 36.4 29.9 16.1 102.0 64.9 2.7 34.4 10.7 5.1 16.3 10.8 50.5 33.8 24.5 15.1 14.2 14.2 14.2 14.2 14.2 14.2 14.2 14		April	104.0	64.2	20	27.0	100	4.2	14.2	10.2	40.0	240	24.5	14.9	
June     134.1     70.0     3.6     60.5     31.1     5.1     17.8     11.6     55.2     36.4     29.9     16       July (r)     102.0     64.9     2.7     34.4     10.7     5.1     16.3     10.8     50.5     33.8     24.5     15       August (p)     98.3     61.2     2.8     34.2     9.7     4.9     15.7     9.9     48.4     32.4     24.5     14		_												14.9	
August (p) 98.3 61.2 2.8 34.2 9.7 4.9 15.7 9.9 48.4 32.4 24.5 14														16.8	
August (p) 98.3 61.2 2.8 34.2 9.7 4.9 15.7 9.9 48.4 32.4 24.5 14		Inly (r)	102.0	C4.0	2.7	24.4	10.7	e •	163	10.0	50.7	22.0	24.5	15.2	
		July (1)	102.0	64.9	2.7	34.4	10./	5.1	16.3	10.8	50.5	33.8	24.5	15.2	
Average PSE (86.) $\frac{1}{2}$		August (p)	98.3	61.2	2.8	34.2	9.7	4.9	15.7	9.9	48.4	32.4	24.5	14.1	
Average K3D (%)	Averag	ge RSE (%) <sup>1</sup>	2	2	7	2	3	4	4	4	2	2	2	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.

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 interval

<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

[Thousands of units. Detail may not add to total because of rounding]

Period	Total	In st	tructures wi	th								
renod	Total		In structures with									
	Total	1	2 to 4	5 units	T-4-1	1	T-4-1	1	T-4-1	1	T-4-1	1
		1 unit	units	or more	Total	1 unit	Total y adjusted	1 unit	Total	1 unit	Total	1 unit
<u>k</u>						Seasonan	y aujusteu					
2014: August	112	58	(S)	52	12	6	14	8	63	34	23	10
September	113	58	(S)	53	12	6	15	7	62	35	24	10
October	119	58	(S)	59	12	6	16	8	63	34	28	10
November December	122 118	59	(S)	60	13	6	16	8 7	65 65	35 35	28	10 10
Becomber	110	58	(S)	58	12	0	16	,	63	33	25	10
2015: January	114	58	(S)	54	12	6	14	7	65	35	23	10
February	129	63	(S)	63	13	7	15	7	74	38	27	11
March	133	66	(S)	65	15	7	15	8	72	38	31	13
April	122		(6)		1.5	_	1.4	_	7.	20	20	10
May	132 141	63 64	(S) (S)	67 75	15 25	6	14 14	7 7	74 75	38 39	29 27	12 12
June (r)	153	66	(S)	85	31	7	14	9	79	38	29	12
July (r)	147	63	(S)	82	28	6	14	8	75	37	30	12
August (p)	147	64	(S)	81	27	6	16	9	74	36	30	13
Average RSE (%) <sup>1</sup>	8	6	(X)	13	19	17	12	10	11	8	10	15
-		Ü	(11)	15		1,	12	10		Ü	10	10
Percent Change: 2												
August 2015 from July 2015	0.0%	1.6%	(S)	-1.2%	-3.6%	0.0%	14.3%	12.5%	-1.3%	-2.7%	0.0%	8.3%
90% Confidence Interval <sup>3</sup>	± 4.1	$\pm 5.8$	(X)	± 6.1	± 4.3	± 13.3	± 9.6	$\pm 11.4$	± 5.2	± 6.9	$\pm 12.3$	$\pm 15.6$
August 2015 from August 2014	31.3%	10.3%	(S)	55.8%	125.0%	0.0%	14.3%	12.5%	17.5%	5.9%	30.4%	30.0%
90% Confidence Interval <sup>3</sup>	± 13.1	$\pm8.0$	(X)	± 29.1	±61.6	± 23.8	± 37.6	± 28.8	± 20.3	$\pm$ 10.7	± 23.7	$\pm 27.8$
						Not season	ally adjusted	1				
2014: August September	111.6	57.9	1.9	51.8	12.0	5.7	13.6	7.6 6.9	63.5	34.9	22.4	9.6
September	112.7	58.1	1.6	52.9	12.0	5.9	15.1	6.9	62.4	35.5	23.2	9.8
October	120.0	58.8	2.2	59.0	11.2	5.8	17.4	8.1	63.4	34.6	28.0	10.4
November	113.5	55.3	2.5	55.7	11.7	5.6	13.8	6.6	62.2	33.3	25.9	9.8
December	116.2	56.1	1.9	58.2	11.5	6.0	13.7	6.0	66.3	33.6	24.7	10.5
2015: January	112.7	56.5	2.1	54.0	11.3	5.9	12.8	6.2	66.0	34.4	22.5	10.1
February	125.4	60.8	2.5	62.1	13.1	6.9	14.1	6.9	73.0	36.5	25.3	10.1
March	133.3	65.9	2.3	65.1	14.5	7.0	16.3	8.9	70.5	37.3	32.0	12.8
April	135.2	66.6	1.9	66.7	15.2	6.3	15.1	8.2	73.9	39.9	31.0	12.1
May June (r)	142.7 160.1	65.8 68.6	2.1 2.0	74.8 89.6	25.0 34.8	5.8 7.1	14.1 15.1	8.1 9.2	74.5 79.2	39.3 38.8	29.1 31.1	12.7 13.5
5000 (r)	100.1	00.0	2.0	09.0	34.0	/.1	13.1	9.2	19.4	20.0	1.1ر	13.3
July (r)	150.5	66.0	2.1	82.3	29.2	6.3	14.8	8.9	77.3	38.7	29.2	12.1
August (p)	148.1	63.3	2.4	82.4	28.0	6.1	15.8	9.3	74.9	35.5	29.4	12.4
Average RSE (%) <sup>1</sup>	8	6	21	13	19	17	12	10	11	8	10	15

<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.

Z Relative standard error is less than 0.5 percent.

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

 $<sup>^{2}</sup>$  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 units	5 units or more	Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
						Seas	onally adju	sted annual	rate				
2014:	August	966	643	(S)	306	107	54	180	98	477	354	202	137
	September	1,026	661	(S)	353	109	54	169	116	504	344	244	147
	October	1,079	705	(S)	357	100	55	162	101	596	390	221	159
	November December	1,007 1,080	670 724	(S) (S)	328 336	107 113	55 52	172 168	109 127	454 500	361 381	274 299	145 164
		1,000	,2.	(5)	330		22	100	127	500	301	2,,	101
2015:	January February	1,080 900	706 600	(S)	368 292	108	56 22	145 102	103 81	534 509	382 349	293 243	165 148
	March	954	623	(S) (S)	311	46 100	44	142	87	511	348	201	144
	April	1,190	735	(S)	436	193	53	167	123	525	379	305	180
	May	1,072	697	(S)	366	143	54	147	103	511	370	271	170
	June (r)	1,211	687	(S)	510	223	43	147	99	552	390	289	155
	July (r)	1,161	762	(S)	390	163	71	174	119	562	392	262	180
	August (p)	1,126	739	(S)	381	108	57	157	107	602	428	259	147
Averaş	ge RSE (%) <sup>1</sup>	6	4	(X)	16	19	13	11	9	8	6	10	8
Perce	nt Change:												
	August 2015 from July 2015	-3.0%	-3.0%	(S)	-2.3%	-33.7%	-19.7%	-9.8%	-10.1%	7.1%	9.2%	-1.1%	-18.3%
	90% Confidence Interval <sup>2</sup>	±11.3	± 9.5	(X)	± 28.3	±17.6	± 22.6	± 11.9	± 14.9	± 20.2	± 14.1	± 24.0	$\pm 19.5$
	August 2015 from August 2014	16.6%	14.9%	(S)	24.5%	0.9%	5.6%	-12.8%	9.2%	26.2%	20.9%	28.2%	7.3%
	90% Confidence Interval <sup>2</sup>	± 10.4	± 11.3	(X)	± 24.5	± 29.8	± 31.3	± 22.0	± 18.4	± 14.6	± 17.4	± 28.1	± 23.6
								ally adjusted					
2013: 2014:		924.9 1,003.3	617.6 647.9	13.6 13.7	293.7 341.7	96.9 109.6	55.3 51.3	149.6 162.5	102.0 105.7	463.5 496.3	325.9 345.9	214.8 235.0	134.3 145.1
RSE (	%)	2	1	15	5	4	3	3	3	2	2	3	2
2014:	Year to Date	667.9	435.7	8.9	223.3	73.8	33.6	106.8	68.9	332.5	232.6	154.9	100.6
2015:	Year to Date	743.3	484.3	7.4	251.6	92.2	35.0	100.3	70.5	367.8	263.8	183.0	115.0
RSE (	%)	2	1	16	6	6	5	5	3	3	2	3	3
	Year to Date Percent Change <sup>3</sup>	11.3%	11.1%	-16.1%	12.7%	25.0%	4.0%	-6.1%	2.4%	10.6%	13.4%	18.2%	14.2%
	90% Confidence Interval <sup>2</sup>	± 3.4	± 2.4	± 23.9	± 10.0	± 16.2	± 9.8	± 10.7	± 5.8	± 3.7	± 3.3	± 6.4	± 6.3
2014	-												
2014:	August September	86.2 94.2	58.0 58.3	1.5 1.2	26.7 34.7	9.7 10.1	5.0 4.8	16.6 16.7	9.5 11.4	41.5 45.7	30.8 29.9	18.4 21.7	12.7 12.2
	October	92.0	58.4	1.5	32.0	9.0	5.0	15.1	9.7	50.2	31.7	17.6	12.0
	November	75.8	47.3	0.7	27.8	8.6	4.2	13.1	8.5	32.7	24.8	20.8	9.8
	December	73.4	48.1	1.4	23.8	8.0	3.6	10.1	7.2	35.3	26.9	20.0	10.4
2015:	January	73.0	46.4	0.4	26.2	6.9	3.2	7.5	4.5	37.6	26.8	21.0	11.9
	February	61.9	40.6	0.6	20.7	2.8	1.2	5.0	3.5	37.3	25.9	16.8	10.0
	March	79.7	52.9	1.6	25.2	8.0	3.4	10.5	6.1	44.4	31.1	16.8	12.2
	April	108.5	69.5	1.6	37.4	17.3	5.3	16.0	12.2	46.7	34.1	28.5	17.8
	May June (r)	99.6 112.3	66.5 69.4	0.8 1.2	32.3 41.8	13.2 19.1	5.3 4.4	14.6 14.5	10.8 10.6	46.6 51.8	34.2 38.5	25.1 26.9	16.2 15.9
	July (r)	108.5	72.1	0.8	35.5	15.1	6.7	17.5	12.5	50.6	35.2	25.2	17.7
	August (p)	99.9	66.9	0.5	32.5	9.8	5.5	14.7	10.4	52.8	38.0	22.7	13.1
				33	3 <b>2.</b> 3			14.7 11	10.4			10	8
Averag	ge RSE (%) <sup>1</sup>	6	4	33	16	19	13	11	9	8	6	10	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. Z Relative standard error is less than 0.5 percent.

<sup>&</sup>lt;sup>1</sup>Average RSE for the latest 6-month period.  $^2\,\mbox{See}$  the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

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

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

		United	States		Nortl	neast	Mid	west	Sor	uth	We	est
Period		In s	tructures 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					
2014: August	793	349	(8)	433	123	40	123	61	354	174	193	74
September	793	350	(S) (S)	435	123	40	123	62	354	174	193	74 75
3	770	330	(5)	433	121	40	123	02	330	175	170	75
October	806	357	(S)	437	121	40	124	62	369	179	192	76
November	816	360	(S)	445	127	41	128	63	365	180	196	76
December	828	363	(S)	453	129	41	128	63	372	183	199	76
2015: January	834	365	(S)	457	131	42	128	63	370	181	205	79
February	833	359	(S)	463	130	41	128	63	367	175	208	80
March	842	360	(S)	471	129	41	129	63	376	175	208	81
April	867	366	(S)	489	143	42	129	63	379	177	216	84
May	877	371	(S)	494	147	43	128	63	383	179	219	86
June (r)	891	375	(S)	504	157	43	128	63	382	183	224	86
July (r)	908	388	(S)	508	166	46	128	65	386	189	228	88
August (p)	920	394	(S)	515	168	46	129	66	394	194	229	88
Average RSE (%) <sup>1</sup>	3	2	(X)	6	8	5	6	4	4	4	4	5
Percent Change:												
August 2015 from July 2015	1.3%	1.5%	(S)	1.4%	1.2%	0.0%	0.8%	1.5%	2.1%	2.6%	0.4%	0.0%
90% Confidence Interval <sup>2</sup>	± 0.9	± 1.4	(X)	± 1.4	± 1.5	± 2.8	± 1.7	± 2.2	± 1.6	± 2.1	± 2.3	± 3.5
August 2015 from August 2014	16.0%	12.9%	(S)	18.9%	36.6%	15.0%	4.9%	8.2%	11.3%	11.5%	18.7%	18.9%
90% Confidence Interval <sup>2</sup>	± 5.3	± 4.2	(X)	± 9.3	± 23.8	± 8.6	± 10.5	± 8.6	± 6.9	± 6.6	± 5.4	$\pm 6.2$
						Not season	ally adjusted	d				
2014: August	904.7	265.2	11.0	429.5	102.4	40.0	126.0	64.5	250.4	101.4	105.0	79.4
September	804.7 810.2	365.2 366.2	11.0 11.1	428.5 433.0	123.4 121.1	40.9 40.7	126.0 127.3	64.5 66.2	359.4 361.7	181.4 179.8	195.8 200.2	78.4 79.5
•												
October	814.7	366.6	11.7	436.3	121.5	41.0	127.9	65.9	371.4	181.7	193.9	78.0
November	818.4	360.7	11.0	446.7	127.4	41.4	129.6	64.7	365.2	179.3	196.3	75.3
December	806.6	344.7	11.7	450.2	127.7	40.4	125.6	61.4	360.2	172.3	193.1	70.6
2015: January	811.3	345.3	11.5	454.5	128.9	40.3	123.9	59.7	359.4	171.4	199.1	73.9
February	808.8	338.7	10.7	459.4	127.7	39.3	121.5	57.3	357.8	166.9	201.8	75.1
March	827.6	345.2	11.2	471.1	128.2	39.9	123.5	57.7	371.1	170.0	204.8	77.7
April	866.2	361.8	11.9	492.5	143.4	41.6	126.4	60.1	380.3	176.6	216.1	83.5
May	885.9	373.6	12.2	500.1	148.2	43.1	128.7	62.4	387.9	181.3	221.1	86.8
June (r)	908.5	386.7	12.1	509.7	159.2	44.1	130.6	64.9	389.8	188.5	228.8	89.2
July (r)	928.7	406.2	11.7	510.7	167.5	46.8	131.8	68.7	395.0	197.1	234.4	93.6
August (p)	935.4	414.0	11.4	510.0	169.0	48.1	131.6	69.5	401.2	203.1	233.6	93.3
Average RSE (%) <sup>1</sup>	3	2	12	6	8	5	6	4	4	4	4	5

<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> 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		Nortl	neast	Midwest		South		West	
	Period		In st	ructures wi									
		Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
						Seas	sonally adju	isted annua	rate				
2014:	August	905	613	(S)	282	96	43	162	101	449	318	198	151
	September	948	627	(S)	314	123	51	166	106	475	346	184	124
	October	917	611	(S)	299	98	47	148	101	418	317	253	146
	November	867	609	(S)	244	54	42	132	99	458	329	223	139
	December	939	665	(S)	268	83	47	169	106	434	349	253	163
2015:	January	975	676	(S)	292	73	49	136	104	547	394	219	129
	February March	865 806	602 596	(S) (S)	245 199	56 57	40 47	135 101	92 84	473 452	346 343	201 196	124 122
	Tamon.	800	390	(3)	199	37	47	101	04	432	343	150	122
	April May	999 1,010	681 648	(S) (S)	305 355	112 143	48 42	187 160	125 103	469 486	352 359	231 221	156 144
	June (r)	959	638	(S)	312	69	40	148	100	525	339	217	159
	July (r)	996	636	(S)	349	96	46	172	102	508	331	220	157
			030	(3)	349	20	40		102	308	331		157
	August (p)	935	646	(S)	283	78	49	147	98	461	351	249	148
Averag	ge RSE (%) <sup>1</sup>	6	5	(X)	14	22	17	12	12	9	7	9	9
Perce	nt Change:												
	August 2015 from July 2015	-6.1%	1.6%	(S)	-18.9%	-18.8%	6.5%	-14.5%	-3.9%	-9.3%	6.0%	13.2%	-5.7%
	90% Confidence Interval <sup>2</sup>	± 12.5	± 11.0	(X)	± 25.1	± 41.0	± 41.6	± 21.0	± 22.5	± 19.8	± 19.2	± 24.3	± 25.7
	August 2015 from August 2014	3.3%	5.4%	(S)	0.4%	-18.8%	14.0%	-9.3%	-3.0%	2.7%	10.4%	25.8%	-2.0%
	90% Confidence Interval <sup>2</sup>	± 12.7	± 10.9	(X)	± 27.2	± 37.3	± 28.7 Not seasona	± 23.0	± 24.6	± 18.2	± 16.8	±21.6	± 16.6
2012		764.4	569.1	9.1	186.2	75.2	48.5		95.6	389.4	295.9	179.2	129.2
2013: 2014:		764.4 883.8	619.5	8.7	255.6	88.5	49.3	120.6 148.8	103.4	441.0	329.0	205.5	137.7
RSE (	%)	2	1	22	5	4	3	4	2	3	2	3	2
2014	Year to Date	550.2	387.0	5.8	157.4	54.7	31.1	90.7	63.3	281.6	207.8	123.3	84.8
	Year to Date	607.8	404.0	6.6	197.2	54.5	27.3	94.5	62.1	316.8	224.0	142.0	90.6
RSE (	%)	3	2	21	7	11	7	7	4	3	3	3	3
	Year to Date Percent Change 3	10.5%	4.4%	13.1%	25.3%	-0.3%	-12.0%	4.2%	-1.9%		7.8%	15.1%	6.9%
	90% Confidence Interval <sup>2</sup>	± 4.8	± 3.2	± 40.1	± 16.1	± 18.9	± 5.1	± 12.0	± 9.0	± 5.2	± 4.5	± 8.9	± 5.1
2014:	August	86.9	54.1	1.1	31.6	9.7	3.7	15.8	8.9	42.7	28.0	18.7	13.5
	September	88.5	56.9	0.7	31.0	12.2	5.1	16.0	10.1	43.3	30.5	17.1	11.1
	October	83.7	57.6	0.6	25.5	9.0	4.7	14.0	10.0	37.9	29.3	22.8	13.6
	November December	71.9	53.6	1.0	17.2	4.7	3.9	11.9	9.5	36.5	27.4	18.8	12.8
	December	89.5	64.5	0.6	24.5	7.9	4.6	16.3	10.5	41.7	34.0	23.6	15.4
2015:	January	65.1	45.3	0.5	19.4	4.9	3.4	8.7	6.6	36.9	26.8	14.5	8.5
	February March	59.3 60.5	41.8 44.7	1.2 0.9	16.3 15.0	3.5 3.4	2.4 2.7	8.9 7.0	6.0 5.7	33.3 34.7	24.9 26.5	13.6 15.4	8.5 9.9
											2010		
	April May	77.1 83.9	53.3 54.2	1.0 0.6	22.8 29.2	8.2 12.1	3.4	14.4 13.0	9.8 8.3	36.8 40.4	28.1 29.9	17.7 18.5	12.1 12.2
	June (r)	85.4 85.4	55.7	0.8	29.2	6.4	3.8	12.4	7.9	40.4 47.6	30.4	18.5	13.6
	July (r)	86.8	51.8	1.1	33.9	8.7	3.9	15.4	8.6	43.9	26.6	18.8	12.7
	August (p)	89.7	57.3	0.6	31.8	7.3	4.1	14.6	9.1	43.2	30.9	24.5	13.2
Δ		6	5	47	14	22	17	12	12	9	7	9	9
Averag	ge RSE (%) <sup>1</sup>	Ü	, ,	47	14	22	1/	12	12	9	,	9	7

<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. 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>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.