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U.S. Department
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Joint Release

U.S. Census Bureau
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NEW RESIDENTIAL CONSTRUCTION IN JULY 2002

BUILDING PERMITS

Privately-owned housing units authorized by building permits in July were at a seasonally adjusted annual rate of 1,698,000, according to estimates reported today by the U.S. Commerce Department's Census Bureau. This is 0.5 percent ($\pm 1.0\%$) below the revised June rate of 1,706,000, but is 6.0 percent ($\pm 1.2\%$) above the July 2001 estimate of 1,602,000.

Single-family authorizations in July 2002 were at a rate of 1,275,000; this is 1.4 percent ($\pm 0.8\%$) below the June figure of 1,293,000. Authorizations of units in buildings with five units or more were at a rate of 349,000 in July.

HOUSING STARTS

Privately-owned housing starts in July were at a seasonally adjusted annual rate of 1,649,000. This is 2.7 percent ($\pm 7.0\%$) below the revised June estimate of 1,695,000 and is 0.9 percent ($\pm 6.4\%$) below the July 2001 rate of 1,664,000.

Single-family housing starts in July 2002 were at a rate of 1,321,000; this is 2.2 percent ($\pm 7.5\%$) below the June figure of 1,351,000. The July estimate for units in buildings with five units or more was 301,000.

HOUSING COMPLETIONS

Privately-owned housing completions in July were at a seasonally adjusted annual rate of 1,582,000, according to estimates released jointly today by the U.S. Census Bureau and the U.S. Department of Housing and Urban Development. This is 0.1 percent ($\pm 8.0\%$) below the revised June estimate of 1,583,000 and is 0.4 percent ($\pm 7.5\%$) below the July 2001 rate of 1,588,000.

Single-family housing completions in July 2002 were at a rate of 1,258,000; this is 1.1 percent ($\pm 7.6\%$) below the June figure of 1,272,000. The July rate for units in buildings with five units or more was 291,000.

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 4 months to establish an underlying trend for building permit authorizations, 5 months for total starts, and 6 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 ($\pm 3.2\%$) 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 contains zero, it is uncertain whether there was an increase or decrease; that is, the change is not statistically significant. The same applies 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 one percent. Explanations of confidence intervals and sampling variability can be found on our web site listed below.

New Residential Construction data for August 2002 will be released on Thursday, September 19, 2002, at 8:30 A.M. EDT.

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

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

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

Period	United States				Northeast		Midwest		South		West	
	Total	In structures with --			Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
		1 unit	2 to 4 units	5 units or more								
Seasonally adjusted annual rate												
2001: July	1,602	1,234	62	306	162	118	336	255	718	556	386	305
August	1,606	1,238	66	302	162	122	319	255	711	552	414	309
September	1,570	1,199	56	315	151	119	313	242	702	541	404	297
October	1,566	1,182	60	324	165	121	310	234	704	543	387	284
November	1,659	1,239	61	359	161	115	354	258	760	569	384	297
December	1,702	1,266	71	365	170	126	369	258	767	585	396	297
2002: January	1,686	1,296	75	315	165	129	366	278	769	596	386	293
February	1,766	1,374	69	323	201	143	349	276	812	628	404	327
March	1,629	1,248	74	307	143	113	319	244	764	577	403	314
April	1,631	1,258	71	302	157	119	334	247	733	581	407	311
May	1,676	1,268	69	339	173	115	332	251	754	577	417	325
June ^f	1,706	1,293	82	331	168	119	338	250	795	597	405	327
July^p	1,698	1,275	74	349	173	118	343	244	775	586	407	327
Average RSE (%) ¹	1	1	4	1	2	2	1	1	1	1	1	1
Percent Change:												
<i>July 2002 from June 2002</i>	<i>-0.5%</i>	<i>-1.4%</i>	<i>-9.8%</i>	<i>5.4%</i>	<i>3.0%</i>	<i>-0.8%</i>	<i>1.5%</i>	<i>-2.4%</i>	<i>-2.5%</i>	<i>-1.8%</i>	<i>0.5%</i>	<i>0.0%</i>
<i>90% Confidence Interval³</i>	<i>± 1.0</i>	<i>± 0.8</i>	<i>± 7.4</i>	<i>± 3.8</i>	<i>± 1.9</i>	<i>± 2.3</i>	<i>± 2.8</i>	<i>± 3.3</i>	<i>± 2.0</i>	<i>± 2.3</i>	<i>± 1.5</i>	<i>± 1.7</i>
<i>July 2002 from July 2001</i>	<i>6.0%</i>	<i>3.3%</i>	<i>19.4%</i>	<i>14.1%</i>	<i>6.8%</i>	<i>0.0%</i>	<i>2.1%</i>	<i>-4.3%</i>	<i>7.9%</i>	<i>5.4%</i>	<i>5.4%</i>	<i>7.2%</i>
<i>90% Confidence Interval³</i>	<i>± 1.2</i>	<i>± 0.8</i>	<i>± 4.4</i>	<i>± 4.2</i>	<i>± 2.9</i>	<i>± 3.5</i>	<i>± 2.8</i>	<i>± 3.3</i>	<i>± 1.9</i>	<i>± 2.2</i>	<i>± 1.7</i>	<i>± 1.9</i>
Not seasonally adjusted												
2000	1,592.3	1,198.1	64.9	329.3	165.1	122.3	323.8	245.4	701.9	529.7	401.5	300.7
2001	1,636.7	1,235.6	66.0	335.2	159.8	117.7	333.6	252.5	730.3	556.9	413.0	308.5
RSE (%)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
2001: Year to Date ²	973.6	747.2	39.2	187.2	90.0	65.7	191.6	148.9	440.6	342.2	251.4	190.4
2002: Year to Date ²	1,008.1	781.4	42.6	184.1	98.5	71.1	197.3	150.8	468.4	364.1	243.9	195.5
RSE (%)	(Z)	(Z)	3	(Z)	2	2	1	1	1	1	1	1
Year to Date Percent Change	3.5%	4.6%	8.7%	-1.6%	9.5%	8.2%	2.9%	1.3%	6.3%	6.4%	-3.0%	2.7%
<i>90% Confidence Interval³</i>	<i>± 0.8</i>	<i>± 0.8</i>	<i>± 4.9</i>	<i>± 1.1</i>	<i>± 3.0</i>	<i>± 3.5</i>	<i>± 1.0</i>	<i>± 1.1</i>	<i>± 0.8</i>	<i>± 0.9</i>	<i>± 1.1</i>	<i>± 1.2</i>
2001: July	140.6	110.2	5.1	25.3	15.0	11.1	31.1	24.2	61.1	47.9	33.4	27.0
August	151.4	116.2	6.2	29.0	15.8	11.8	31.2	24.7	65.6	51.1	38.8	28.5
September	125.2	92.4	4.6	28.2	12.2	9.6	27.0	19.8	54.3	40.0	31.7	23.0
October	140.2	104.4	5.9	29.8	15.3	11.3	30.8	22.6	60.2	46.0	33.9	24.6
November	124.4	89.2	4.8	30.4	13.0	8.9	27.4	18.9	57.4	41.1	26.7	20.3
December	113.6	79.7	4.9	29.0	11.4	8.0	21.4	14.4	52.7	37.7	28.1	19.6
2002: January	115.1	87.9	4.7	22.6	10.1	7.5	18.8	14.0	58.8	45.6	27.4	20.7
February	121.0	94.6	4.6	21.8	11.1	7.9	19.9	15.2	61.6	49.0	28.3	22.5
March	139.6	108.3	6.3	25.0	11.5	9.1	26.2	20.5	67.7	51.4	34.2	27.4
April	154.5	124.1	6.7	23.8	14.8	11.6	33.8	26.5	68.1	55.7	37.8	30.3
May	161.0	126.2	6.3	28.5	17.0	12.1	33.9	26.4	70.6	55.5	39.5	32.3
June ^f	156.0	118.2	7.7	30.2	16.4	11.3	31.6	24.0	69.1	52.1	39.0	30.7
July^p	156.1	119.8	6.5	29.8	16.8	11.6	33.3	24.0	68.2	53.1	37.8	31.1
Average RSE (%) ¹	1	1	4	1	2	2	1	1	1	1	1	1

^pPreliminary. ^fRevised. 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 Less than 0.5 percent.

¹Average RSE for the latest 6-month period.

²Reflects revisions not distributed to months.

³ See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

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

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

Period	United States				Northeast		Midwest		South		West	
	Total	In structures with --			Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
		1 unit	2 to 4 units	5 units or more								
2001: July	137.6	87.6	4.5	45.5	16.7	9.9	21.5	17.3	65.8	40.3	33.5	20.2
August	145.5	92.1	5.8	47.6	15.9	9.5	20.3	16.1	72.5	44.7	36.9	21.9
September	135.2	81.8	5.5	47.9	15.2	7.9	21.9	15.4	65.0	37.7	33.0	20.7
October	127.7	78.0	6.2	43.4	15.5	9.1	19.6	14.3	58.7	33.7	34.0	20.9
November	127.1	78.8	5.1	43.2	13.6	8.1	17.8	12.4	62.9	37.7	32.9	20.6
December	130.5	76.8	6.0	47.7	14.0	7.9	16.9	12.1	67.9	37.5	31.7	19.3
2002: January	137.2	84.9	4.2	48.1	14.2	8.9	19.0	14.0	70.7	41.4	33.4	20.5
February	135.8	83.6	5.7	46.5	16.6	10.1	17.8	12.7	70.3	41.6	31.1	19.3
March	141.3	90.0	4.3	47.0	15.9	9.8	17.9	14.2	76.8	46.9	30.8	19.0
April	150.6	97.8	4.1	48.7	18.7	12.3	24.5	18.2	75.5	47.7	32.0	19.6
May ^r	145.4	94.4	4.3	46.6	18.3	12.4	26.3	18.8	69.1	43.4	31.6	19.9
June ^r	142.8	90.2	4.4	48.2	16.8	10.1	22.5	16.2	70.5	43.1	33.1	20.8
July^p	141.3	91.7	3.9	45.8	18.5	12.0	18.6	14.5	70.5	43.6	33.8	21.5
Average RSE (%) ¹	4	4	15	9	8	10	10	10	6	6	7	11
Percent Change:												
<i>July 2002 from June 2002</i>	<i>-1.1%</i>	<i>1.7%</i>	<i>-11.4%</i>	<i>-5.0%</i>	<i>10.1%</i>	<i>18.8%</i>	<i>-17.3%</i>	<i>-10.5%</i>	<i>0.0%</i>	<i>1.2%</i>	<i>2.1%</i>	<i>3.4%</i>
<i>90% Confidence Interval²</i>	<i>± 4.5</i>	<i>± 5.8</i>	<i>± 18.9</i>	<i>± 7.9</i>	<i>± 12.2</i>	<i>± 13.8</i>	<i>± 12.7</i>	<i>± 13.1</i>	<i>± 6.3</i>	<i>± 8.8</i>	<i>± 9.2</i>	<i>± 12.8</i>
<i>July 2002 from July 2001</i>	<i>2.7%</i>	<i>4.7%</i>	<i>-13.3%</i>	<i>0.7%</i>	<i>10.8%</i>	<i>21.2%</i>	<i>-13.5%</i>	<i>-16.2%</i>	<i>7.1%</i>	<i>8.2%</i>	<i>0.9%</i>	<i>6.4%</i>
<i>90% Confidence Interval²</i>	<i>± 6.9</i>	<i>± 8.7</i>	<i>± 31.6</i>	<i>± 17.5</i>	<i>± 16.4</i>	<i>± 22.3</i>	<i>± 15.6</i>	<i>± 16.1</i>	<i>± 10.5</i>	<i>± 15.0</i>	<i>± 14.5</i>	<i>± 16.1</i>

^pPreliminary. ^rRevised. RSE Relative Standard Error. Z Less than 0.5 percent.¹Average RSE for the latest 6-month period.²See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

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.

Table 3. New Privately-Owned Housing Units Started

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

Period	United States				Northeast		Midwest		South		West	
	Total	In structures with --			Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
		1 unit	2 to 4 units	5 units or more								
Seasonally adjusted annual rate												
2001: July	1,664	1,294	(S)	329	164	113	324	251	783	622	393	308
August	1,562	1,274	(S)	261	157	124	347	291	676	563	382	296
September	1,582	1,263	(S)	273	138	116	287	255	747	599	410	293
October	1,531	1,238	(S)	260	145	112	316	245	730	598	340	283
November	1,604	1,241	(S)	325	168	104	364	292	701	547	371	298
December	1,583	1,294	(S)	272	141	111	342	275	708	596	392	312
2002: January	1,713	1,344	(S)	302	162	126	352	286	814	630	385	302
February	1,788	1,472	(S)	273	143	125	371	319	832	675	442	353
March	1,675	1,298	(S)	328	165	126	343	268	767	579	400	325
April	1,566	1,261	(S)	278	132	108	277	245	786	607	371	301
May ^f	1,742	1,380	(S)	325	163	126	366	270	800	651	413	333
June ^f	1,695	1,351	(S)	298	179	135	343	292	774	598	399	326
July^p	1,649	1,321	(S)	301	158	100	363	282	746	615	382	324
Average RSE (%) ¹	3	3	(X)	11	9	9	7	7	4	4	5	6
<i>Percent Change:</i>												
<i>July 2002 from June 2002</i>	<i>-2.7%</i>	<i>-2.2%</i>	<i>(S)</i>	<i>1.0%</i>	<i>-11.7%</i>	<i>-25.9%</i>	<i>5.8%</i>	<i>-3.4%</i>	<i>-3.6%</i>	<i>2.8%</i>	<i>-4.3%</i>	<i>-0.6%</i>
<i>90% Confidence Interval²</i>	<i>± 7.0</i>	<i>± 7.5</i>	<i>(X)</i>	<i>± 27.5</i>	<i>± 19.8</i>	<i>± 14.4</i>	<i>± 16.9</i>	<i>± 16.4</i>	<i>± 11.0</i>	<i>± 12.2</i>	<i>± 11.6</i>	<i>± 15.2</i>
<i>July 2002 from July 2001</i>	<i>-0.9%</i>	<i>2.1%</i>	<i>(S)</i>	<i>-8.5%</i>	<i>-3.7%</i>	<i>-11.5%</i>	<i>12.0%</i>	<i>12.4%</i>	<i>-4.7%</i>	<i>-1.1%</i>	<i>-2.8%</i>	<i>5.2%</i>
<i>90% Confidence Interval²</i>	<i>± 6.4</i>	<i>± 6.8</i>	<i>(X)</i>	<i>± 23.0</i>	<i>± 21.1</i>	<i>± 12.6</i>	<i>± 18.0</i>	<i>± 16.0</i>	<i>± 9.2</i>	<i>± 11.2</i>	<i>± 11.4</i>	<i>± 12.0</i>
Not seasonally adjusted												
2000	1,568.7	1,230.9	38.7	299.1	154.5	118.3	317.5	260.4	713.6	555.6	383.1	296.5
2001	1,602.7	1,273.3	36.6	292.8	149.2	110.8	330.4	269.3	732.0	590.3	391.1	303.0
RSE (%)	1	1	9	3	1	1	2	3	1	2	1	1
2001: Year to Date	962.7	768.1	22.4	172.3	83.5	60.8	191.0	155.8	447.6	363.4	240.6	188.1
2002: Year to Date	998.9	804.6	23.4	171.0	89.4	68.0	198.3	161.3	471.9	378.2	239.3	197.1
RSE (%)	3	3	21	10	9	9	7	7	4	4	5	6
<i>Year to Date Percent Change</i>	<i>3.8%</i>	<i>4.8%</i>	<i>4.5%</i>	<i>-0.8%</i>	<i>7.1%</i>	<i>11.8%</i>	<i>3.8%</i>	<i>3.5%</i>	<i>5.4%</i>	<i>4.1%</i>	<i>-0.5%</i>	<i>4.8%</i>
<i>90% Confidence Interval²</i>	<i>± 1.7</i>	<i>± 1.8</i>	<i>± 19.1</i>	<i>± 7.0</i>	<i>± 6.5</i>	<i>± 4.1</i>	<i>± 3.7</i>	<i>± 4.1</i>	<i>± 2.5</i>	<i>± 2.5</i>	<i>± 3.3</i>	<i>± 3.8</i>
2001: July	154.6	120.5	3.8	30.3	15.9	11.2	30.1	23.4	71.0	56.2	37.6	29.8
August	141.5	115.4	2.4	23.6	15.3	12.3	32.8	27.7	59.3	49.1	34.0	26.2
September	133.1	105.2	4.0	23.9	12.5	10.6	25.2	22.4	61.0	48.1	34.4	24.2
October	139.8	110.3	3.4	26.1	13.5	10.3	31.9	24.8	65.5	52.3	28.8	23.1
November	121.0	90.6	3.2	27.2	14.1	8.8	28.6	22.5	50.8	37.9	27.5	21.4
December	104.6	83.6	1.2	19.7	10.1	7.9	21.0	16.1	47.6	39.5	25.8	20.1
2002: January	110.4	84.7	4.7	21.1	8.9	6.4	18.1	13.4	57.0	44.2	26.4	20.6
February	120.4	99.1	2.9	18.4	7.8	6.6	20.6	17.1	61.7	51.2	30.2	24.2
March	138.2	109.5	3.7	25.0	13.1	10.1	25.6	19.9	65.0	50.7	34.5	28.8
April	148.8	122.2	2.3	24.2	11.3	9.1	27.4	24.6	74.4	58.9	35.7	29.6
May ^f	165.5	133.7	3.2	28.5	15.5	12.3	36.0	27.6	74.8	61.8	39.1	32.1
June ^f	160.3	130.3	4.0	26.0	17.9	14.0	35.6	31.1	70.6	55.2	36.2	29.9
July^p	155.4	125.1	2.5	27.8	14.9	9.5	35.0	27.6	68.3	56.2	37.2	31.8
Average RSE (%) ¹	3	3	22	11	9	9	7	7	4	4	5	6

^pPreliminary. ^rRevised. 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 Less than 0.5 percent.

¹Average RSE for the latest 6-month period.²See 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

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

Period	United States				Northeast		Midwest		South		West	
	Total	In structures with --			Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
		1 unit	2 to 4 units	5 units or more								
Seasonally adjusted												
2001: July	1,017	691	(S)	296	115	73	201	146	432	299	269	173
August	1,009	691	(S)	289	118	75	201	150	424	296	266	170
September	1,013	689	(S)	294	119	76	200	149	424	294	270	170
October	1,008	681	(S)	294	119	75	198	144	425	294	266	168
November	1,009	680	(S)	298	120	74	199	145	426	294	264	167
December	997	671	(S)	297	117	71	202	148	416	287	262	165
2002: January	1,004	675	(S)	299	114	71	205	150	422	288	263	166
February	1,011	681	(S)	299	114	71	205	151	428	292	264	167
March	1,015	676	(S)	306	118	72	203	147	431	291	263	166
April	1,011	682	(S)	298	116	72	200	148	430	291	265	171
May ^r	1,014	683	(S)	303	117	73	201	147	428	291	268	172
June ^f	1,018	687	(S)	303	117	74	208	154	430	290	263	169
July^p	1,026	695	(S)	304	119	73	212	158	432	292	263	172
Average RSE (%) ¹	2	2	(X)	3	3	4	4	5	2	3	3	4
<i>Percent Change:</i>												
<i>July 2002 from June 2002</i>	<i>0.8%</i>	<i>1.2%</i>	<i>(S)</i>	<i>0.3%</i>	<i>1.7%</i>	<i>-1.4%</i>	<i>1.9%</i>	<i>2.6%</i>	<i>0.5%</i>	<i>0.7%</i>	<i>0.0%</i>	<i>1.8%</i>
<i>90% Confidence Interval²</i>	<i>± 0.9</i>	<i>± 1.0</i>	<i>(X)</i>	<i>± 1.9</i>	<i>± 2.2</i>	<i>± 2.0</i>	<i>± 2.2</i>	<i>± 2.2</i>	<i>± 1.5</i>	<i>± 1.8</i>	<i>± 1.6</i>	<i>± 1.9</i>
<i>July 2002 from July 2001</i>	<i>0.9%</i>	<i>0.6%</i>	<i>(S)</i>	<i>2.7%</i>	<i>3.5%</i>	<i>0.0%</i>	<i>5.5%</i>	<i>8.2%</i>	<i>0.0%</i>	<i>-2.3%</i>	<i>-2.2%</i>	<i>-0.6%</i>
<i>90% Confidence Interval²</i>	<i>± 1.8</i>	<i>± 2.0</i>	<i>(X)</i>	<i>± 5.0</i>	<i>± 6.0</i>	<i>± 6.2</i>	<i>± 4.3</i>	<i>± 4.7</i>	<i>± 2.9</i>	<i>± 3.1</i>	<i>± 2.9</i>	<i>± 3.7</i>
Not seasonally adjusted												
2001: July	1,056.3	725.7	30.3	300.2	118.3	75.6	209.7	153.7	448.2	313.8	280.0	182.5
August	1,046.2	729.5	28.9	287.8	120.6	77.9	210.9	160.1	437.6	310.5	276.9	181.1
September	1,043.3	721.6	29.8	291.9	122.4	79.3	208.3	157.7	434.0	305.0	278.6	179.6
October	1,035.6	706.6	33.6	295.4	122.2	77.9	207.3	152.9	433.7	301.9	272.4	173.9
November	1,018.4	686.5	31.5	300.4	122.6	76.2	204.1	149.8	426.7	293.8	265.0	166.7
December	959.4	638.3	28.4	292.6	116.1	70.9	195.9	143.0	396.5	269.1	250.9	155.3
2002: January	957.3	631.3	30.1	295.9	111.4	68.4	194.2	139.3	401.3	268.7	250.4	154.9
February	960.7	635.9	30.8	294.0	109.0	67.0	191.1	138.0	408.7	274.8	251.8	156.1
March	979.8	643.3	33.0	303.5	114.1	68.1	192.0	136.3	419.3	280.6	254.3	158.3
April	999.8	666.8	30.9	302.1	113.6	68.7	193.4	140.8	430.2	290.0	262.6	167.3
May ^r	1,024.6	690.3	28.1	306.2	117.4	72.6	200.2	145.9	436.4	297.9	270.6	173.9
June ^f	1,045.1	710.7	28.3	306.2	119.4	75.6	213.7	159.4	442.9	301.2	269.1	174.6
July^p	1,065.3	730.8	27.7	306.8	122.5	75.7	221.8	167.4	447.7	306.4	273.3	181.3
Average RSE (%) ¹	2	2	10	3	3	4	4	5	2	3	3	4

^pPreliminary. ^rRevised. 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 Less than 0.5 percent.

¹Average RSE for the latest 6-month period.

² See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.

Table 5. New Privately-Owned Housing Units Completed

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

Period	United States				Northeast		Midwest		South		West	
	Total	In structures with --			Total	1 unit	Total	1 unit	Total	1 unit	Total	1 unit
		1 unit	2 to 4 units	5 units or more								
Seasonally adjusted annual rate												
2001: July	1,588	1,274	(S)	280	127	113	367	299	738	586	356	276
August	1,621	1,278	(S)	313	140	114	314	238	761	602	406	324
September	1,551	1,264	(S)	256	119	93	306	264	750	613	376	294
October	1,575	1,316	(S)	233	162	121	307	276	722	597	384	322
November	1,567	1,255	(S)	279	144	115	341	269	661	539	421	332
December	1,705	1,363	(S)	300	175	130	314	247	806	657	410	329
2002: January	1,607	1,302	(S)	270	183	123	283	254	745	616	396	309
February	1,669	1,372	(S)	270	141	119	387	308	745	618	396	327
March	1,576	1,336	(S)	223	137	121	342	308	676	566	421	341
April	1,650	1,280	(S)	329	156	111	337	272	805	631	352	266
May ^f	1,702	1,353	(S)	283	143	108	352	278	818	657	389	310
June ^f	1,583	1,272	(S)	276	162	120	247	201	744	605	430	346
July^p	1,582	1,258	(S)	291	141	114	294	221	748	614	399	309
Average RSE (%) ¹	4	4	(X)	11	13	12	9	9	5	6	7	7
Percent Change:												
<i>July 2002 from June 2002</i>	<i>-0.1%</i>	<i>-1.1%</i>	<i>(S)</i>	<i>5.4%</i>	<i>-13.0%</i>	<i>-5.0%</i>	<i>19.0%</i>	<i>10.0%</i>	<i>0.5%</i>	<i>1.5%</i>	<i>-7.2%</i>	<i>-10.7%</i>
<i>90% Confidence Interval²</i>	<i>± 8.0</i>	<i>± 7.6</i>	<i>(X)</i>	<i>± 26.8</i>	<i>± 22.8</i>	<i>± 15.7</i>	<i>± 23.0</i>	<i>± 17.6</i>	<i>± 11.2</i>	<i>± 12.6</i>	<i>± 16.1</i>	<i>± 13.8</i>
<i>July 2002 from July 2001</i>	<i>-0.4%</i>	<i>-1.3%</i>	<i>(S)</i>	<i>3.9%</i>	<i>11.0%</i>	<i>0.9%</i>	<i>-19.9%</i>	<i>-26.1%</i>	<i>1.4%</i>	<i>4.8%</i>	<i>12.1%</i>	<i>12.0%</i>
<i>90% Confidence Interval²</i>	<i>± 7.5</i>	<i>± 7.0</i>	<i>(X)</i>	<i>± 23.8</i>	<i>± 20.6</i>	<i>± 16.1</i>	<i>± 15.8</i>	<i>± 12.9</i>	<i>± 10.0</i>	<i>± 10.5</i>	<i>± 17.6</i>	<i>± 16.7</i>
Not seasonally adjusted												
2000	1,573.7	1,241.8	27.3	304.7	146.1	120.4	334.4	268.9	729.3	565.9	363.9	286.5
2001	1,570.8	1,255.9	33.9	281.0	144.8	113.7	316.4	261.1	726.3	578.2	383.3	302.9
RSE (%)	1	1	11	3	2	3	2	3	2	2	2	2
2001: Year to Date	842.5	665.3	19.4	157.8	76.9	60.5	167.9	138.4	394.8	308.7	203.0	157.6
2002: Year to Date	886.5	711.1	20.4	155.1	81.4	61.8	168.7	136.6	418.5	340.6	218.0	172.1
RSE (%)	4	4	19	9	8	10	10	8	5	5	9	8
Year to Date Percent Change	5.2%	6.9%	5.2%	-1.7%	5.9%	2.1%	0.5%	-1.3%	6.0%	10.3%	7.4%	9.2%
<i>90% Confidence Interval²</i>	<i>± 2.6</i>	<i>± 2.5</i>	<i>± 28.4</i>	<i>± 7.7</i>	<i>± 8.4</i>	<i>± 7.3</i>	<i>± 5.8</i>	<i>± 5.5</i>	<i>± 3.7</i>	<i>± 3.9</i>	<i>± 5.8</i>	<i>± 5.1</i>
2001: July	134.7	105.8	3.1	25.8	10.7	9.5	31.5	25.2	62.6	48.6	29.9	22.5
August	148.5	113.0	3.1	32.3	12.4	9.7	29.2	21.3	69.5	53.0	37.4	28.9
September	137.2	113.0	2.6	21.6	11.1	8.9	28.6	25.0	64.8	53.2	32.7	25.8
October	143.6	121.2	2.3	20.1	14.5	11.0	29.8	27.2	64.5	53.7	34.7	29.3
November	136.7	112.3	2.6	21.8	12.8	10.5	31.6	26.0	56.0	46.5	36.3	29.4
December	162.3	131.1	3.9	27.3	17.1	13.0	29.3	23.2	76.7	63.1	39.2	31.8
2002: January	112.3	91.0	2.4	18.8	12.9	8.7	18.9	16.9	53.2	44.2	27.2	21.2
February	115.2	94.9	1.8	18.5	9.4	7.9	24.0	18.6	53.7	45.1	28.0	23.3
March	121.2	103.0	1.3	16.8	9.8	8.6	24.3	21.7	54.0	45.7	33.0	27.0
April	127.3	98.3	3.2	25.8	11.9	8.4	25.4	20.3	62.3	48.7	27.7	20.9
May ^f	139.4	110.5	5.4	23.5	11.2	8.3	28.8	22.6	67.7	54.3	31.7	25.2
June ^f	138.0	109.9	3.2	24.9	14.4	10.6	21.9	17.8	64.4	51.8	37.3	29.7
July^p	133.3	103.4	3.1	26.8	11.6	9.2	25.4	18.6	63.2	50.8	33.1	24.8
Average RSE (%) ¹	4	4	25	11	13	12	9	9	5	6	7	7

^pPreliminary. ^fRevised. 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 Less than 0.5 percent.

¹Average RSE for the latest 6-month period.

²See the Explanatory Notes in the accompanying text for an explanation of 90% confidence intervals.