



# Housing Starts

AUGUST 1997

U.S. Department of Commerce  
 Economics and Statistics Administration  
 BUREAU OF THE CENSUS

C20/97-8  
 Issued September 1997

## New Privately Owned Housing Units Started

Seasonally adjusted annual rate in thousands

— Seasonally adjusted annual rate  
 — 4-month moving average



Note: Total includes units started in structures with two to four units.

Source: U.S. Bureau of the Census, Housing Starts.

## HOUSING STARTS AND BUILDING PERMITS

Privately owned housing starts in August 1997 were at a seasonally adjusted annual rate of 1,363,000; this is 5 ( $\pm 5$ ) percent below the revised July rate of 1,432,000 and 10 ( $\pm 5$ ) percent below the August 1996 rate of 1,515,000.

Single-family housing starts in August 1997 were at a rate of 1,072,000; this is 5 ( $\pm 5$ ) percent below the July figure of 1,128,000. The August rate for units in buildings with five units or more was 253,000. The August rate for units in buildings with two to four units was 38,000.

During the first 8 months of this year, 972,500 housing units were started compared with 1,012,700 units for the same period in 1996. This is a decrease of 4 ( $\pm 1$ ) percent.

New privately owned housing construction was authorized in August in the 19,000 permit-issuing places at a seasonally adjusted annual rate of 1,391,000; this is 2 ( $\pm 1$ ) percent below the revised July rate of 1,414,000 and 1 ( $\pm 1$ ) percent below the August 1996 figure of 1,405,000.

Single-family authorizations in August 1997 were at a rate of 1,027,000, this is virtually unchanged ( $\pm 1$  percent) from the July figure of 1,030,000. Authorizations of units in buildings with five units or more were at a rate of 295,000 in August. The August rate of permit-authorized units in buildings with two to four units was 69,000.

During the first 8 months of this year, 960,800 housing units were authorized by permits in the 19,000 places compared with 980,900 units for the same period in 1996. This is a decrease of 2 ( $\pm 1$ ) percent.

In interpreting changes in housing starts and building permits, 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 total starts, 3 months for building permit authorizations, and 2 months for mobile home shipments.

Except for those in mobile home shipments, the statistics in this report 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 average relative standard errors of preliminary data are shown in the tables. Whenever a statement such as "2 ( $\pm 3$ ) percent above" appears in the text, this indicates the range (-1 to +5 percent) in which the actual percent change is likely to have occurred. All ranges given are 90-percent confidence intervals and account for only 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. For any comparison cited without a confidence interval, the change is statistically significant. Explanations of confidence intervals and sampling variability appear in the appendix to the April 1997 Current Construction Reports, C20/97-4. On average, the preliminary seasonally adjusted estimates of total housing starts and building permits are revised about  $\pm 1$  percent.

Housing starts and building permits data do not include mobile home units. Mobile home statistics are shown in Table 5.

## HISTORICAL DATA

Historical data on housing starts and residential permit authorizations are available from Residential Construction Branch, Manufacturing and Construction Division, Bureau of the Census, Washington, DC 20233-6900. Telephone 301-457-4703.

A list of tables and special supplements is shown below:

Title	C20 issues				
New privately owned housing units started, by purpose of construction (quarterly and annual data).....	97-7	97-4	97-1	96-10	96-7
Total time from start of construction to completion of private residential buildings (annual data) .....	97-3	96-3	95-3	94-3	93-3
Total time from authorization of construction to start for private residential buildings (annual data) .....	97-3	96-3	95-3	94-3	93-3
New privately owned housing units, by intended use and design at time of start (annual data).....	97-2	96-2	95-2	94-2	93-2
New mobile homes (quarterly and annual data).....	97-6	97-5	97-4	96-12	96-9

**Table 1. New Privately Owned Housing Units Started**

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

Period	Total	In structures with—				Inside MSAs <sup>1</sup>	Outside MSAs <sup>1</sup>	North-east	Midwest	South	West	
		1 unit	2 units	3 and 4 units	5 units or more							
<b>ANNUAL DATA</b>												
1987 .....	1,620.5	1,146.4	27.8	37.5	408.7	1,372.2	248.2	269.0	297.9	633.9	419.8	
1988 .....	1,488.1	1,081.3	23.4	35.4	348.0	1,243.0	245.1	235.3	274.0	574.9	403.9	
1989 .....	1,376.1	1,003.3	19.9	35.3	317.6	1,128.1	248.0	178.5	265.8	536.2	395.7	
1990 .....	1,192.7	894.8	16.1	21.4	260.4	946.9	245.7	131.3	253.2	479.3	328.9	
1991 .....	1,013.9	840.4	15.5	20.1	137.9	789.2	224.7	112.9	233.0	414.1	254.0	
1992 .....	1,199.7	1,029.9	12.4	18.3	139.0	931.5	268.2	126.7	287.8	496.9	288.3	
1993 .....	1,287.6	1,125.7	11.1	18.3	132.6	1,031.9	255.8	126.5	297.7	561.8	301.7	
1994 .....	1,457.0	1,198.4	14.8	20.2	223.5	1,183.1	273.9	138.2	328.9	639.1	350.8	
1995 .....	1,354.1	1,076.2	14.3	19.4	244.1	1,106.4	247.6	117.7	290.1	615.0	331.3	
1996 .....	1,476.8	1,160.9	16.4	28.8	270.8	1,211.4	265.5	132.1	321.5	661.9	361.4	
<b>MONTHLY DATA</b>												
<b>Not Seasonally Adjusted</b>												
1996: January .....	90.7	68.9	0.3	0.8	20.6	77.5	13.1	5.0	14.7	43.8	27.2	
February .....	95.9	74.2	0.9	1.1	19.7	83.0	13.0	6.1	13.8	46.9	29.0	
March .....	116.0	96.9	1.0	1.0	17.1	92.9	23.1	10.0	24.0	54.5	27.4	
April .....	146.6	117.9	2.0	3.4	23.3	121.1	25.4	13.1	31.8	64.3	37.3	
May .....	143.9	111.6	1.6	3.0	27.7	117.3	26.5	12.6	33.6	65.2	32.5	
June .....	138.0	115.0	1.6	3.3	18.2	109.7	28.2	13.4	30.9	58.6	35.1	
July .....	137.5	109.1	1.2	3.1	24.2	110.7	26.8	12.3	34.9	59.2	31.1	
August .....	144.2	115.6	1.2	2.0	25.4	117.5	26.7	12.9	35.3	59.2	36.7	
September .....	128.7	99.3	1.9	1.9	25.6	104.0	24.7	13.0	28.6	57.6	29.5	
October .....	130.8	101.0	2.1	2.9	24.8	106.5	24.3	13.9	29.8	54.0	33.0	
November .....	111.5	82.6	1.6	4.3	23.0	93.1	18.4	10.1	26.6	51.0	23.9	
December .....	93.1	68.8	1.1	1.9	21.3	78.0	15.1	9.7	17.4	47.4	18.6	
1997: January .....	82.2	66.6	0.6	1.5	13.5	72.1	10.1	8.5	10.5	39.8	23.3	
February .....	94.7	75.1	1.4	1.1	17.1	81.8	12.9	6.2	16.3	47.4	24.8	
March .....	120.4	96.1	0.9	2.6	20.7	101.6	18.8	11.1	22.3	55.5	31.4	
April .....	142.3	109.5	1.8	2.2	28.9	117.1	25.2	13.1	28.4	68.6	32.2	
May .....	136.3	106.2	1.2	1.9	27.0	110.6	25.7	11.7	31.5	58.8	34.4	
June <sup>r</sup> .....	140.4	108.8	1.4	2.6	27.5	114.4	26.0	11.6	31.9	62.3	34.5	
July <sup>r</sup> .....	131.5	105.6	1.8	1.4	22.7	108.1	23.4	14.4	28.6	57.7	30.8	
August <sup>p</sup> .....	124.8	98.2	1.1	2.2	23.4	102.8	22.0	11.2	28.0	55.2	30.3	
Year to date:	1996 .....	1,012.7	809.1	9.8	17.8	176.1	829.8	183.0	85.4	219.0	451.9	256.4
	1997 .....	972.5	766.1	10.1	15.5	180.8	808.3	164.1	87.9	197.6	445.2	241.8
<b>Seasonally Adjusted Annual Rate</b>												
1996: January .....	1,444	1,138	22		284	(NA)	(NA)	100	329	621	394	
February .....	1,520	1,188	35		297	(NA)	(NA)	130	317	655	418	
March .....	1,429	1,156	24		249	(NA)	(NA)	139	322	631	337	
April .....	1,522	1,215	55		252	(NA)	(NA)	138	325	665	394	
May .....	1,476	1,142	48		286	(NA)	(NA)	128	322	680	346	
June .....	1,488	1,214	46		228	(NA)	(NA)	126	300	686	376	
July .....	1,492	1,164	44		284	(NA)	(NA)	129	355	670	338	
August .....	1,515	1,222	37		256	(NA)	(NA)	131	337	671	376	
September .....	1,470	1,148	45		277	(NA)	(NA)	140	309	682	339	
October .....	1,407	1,104	58		245	(NA)	(NA)	138	287	617	365	
November .....	1,486	1,133	60		293	(NA)	(NA)	128	330	672	356	
December .....	1,353	1,024	48		281	(NA)	(NA)	139	300	641	273	
1997: January .....	1,375	1,125	43		207	(NA)	(NA)	182	260	589	344	
February .....	1,554	1,237	44		273	(NA)	(NA)	135	386	671	362	
March .....	1,479	1,142	45		292	(NA)	(NA)	150	301	653	375	
April .....	1,483	1,133	40		310	(NA)	(NA)	136	292	707	348	
May .....	1,402	1,098	34		270	(NA)	(NA)	120	301	617	364	
June <sup>r</sup> .....	1,503	1,134	37		332	(NA)	(NA)	114	307	715	367	
July <sup>r</sup> .....	1,432	1,128	35		269	(NA)	(NA)	146	286	661	339	
August <sup>p</sup> .....	1,363	1,072	38		253	(NA)	(NA)	118	276	643	326	
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>												
Annual .....	(percent) ..	1	1	7	8	2	1	3	1	2	1	
Monthly .....	(percent) ..	2	2	12	11	9	3	7	7	6	4	
Year to date .....	(percent) ..	1	1	9	6	3	1	4	1	2	1	

NA Not available. <sup>p</sup>Preliminary. <sup>r</sup>Revised.<sup>1</sup>Metropolitan statistical areas.<sup>2</sup>Average Relative Standard Errors (Avg. RSE): Annual—Avg. RSE for the last 2 years; Year to date—Avg. RSE for the current period and the same period last year; Monthly—Avg. RSE for the latest 6-month period (January through June or July through December).

**Table 2. 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—				Inside MSAs <sup>1</sup>	Outside MSAs <sup>1</sup>	Total	In structures with—		Total	In structures with—		Total	In structures with—		Total	In structures with—		
		1 unit	2 units	3 and 4 units	5 units or more				1 unit	2 units or more		1 unit	2 units or more		1 unit	2 units or more		1 unit	2 units or more	
		Total	1 unit	2 units	3 and 4 units	5 units or more	Inside MSAs <sup>1</sup>	Outside MSAs <sup>1</sup>	Total	1 unit	2 units or more	Total	1 unit	2 units or more	Total	1 unit	2 units or more	Total	1 unit	2 units or more
<b>ANNUAL DATA</b>																				
<b>17,000-Place Series</b>																				
1992 .....	1,094.9	910.7	23.3	22.5	138.4	888.5	206.5	124.8	108.5	16.3	259.0	204.4	54.6	442.5	382.2	60.2	268.6	215.6	53.0	
1993 .....	1,199.1	986.5	26.7	25.6	160.2	1,009.0	190.1	133.5	113.7	19.8	276.6	218.4	58.3	500.7	419.5	81.2	288.2	235.0	53.2	
<b>19,000-Place Series</b>																				
1994 .....	1,371.6	1,068.5	31.4	30.8	241.0	1,144.1	227.5	138.5	119.1	19.4	305.2	233.6	71.6	585.5	453.0	132.5	342.4	262.8	79.7	
1995 .....	1,332.5	997.3	32.2	31.5	271.5	1,116.8	215.8	124.2	104.5	19.7	296.6	220.5	76.1	583.2	430.3	152.9	328.5	241.9	86.5	
1996 .....	1,425.6	1,069.5	33.6	32.2	290.3	1,200.0	225.6	136.9	108.8	28.1	317.8	236.6	81.3	623.4	468.5	155.0	347.4	255.6	91.8	
<b>MONTHLY DATA</b>																				
<b>Not Seasonally Adjusted</b>																				
1995:	January .....	78.0	58.2	1.8	2.0	16.1	67.3	10.7	7.4	6.2	1.2	12.3	8.6	3.7	40.1	29.1	11.0	18.3	14.3	4.0
	February .....	80.4	59.8	2.0	1.3	17.3	69.4	11.1	5.6	4.7	0.9	13.7	10.4	3.3	38.7	28.9	9.8	22.5	15.8	6.6
	March .....	111.5	85.1	3.0	2.9	20.5	93.6	17.9	10.5	8.8	1.7	23.8	18.5	5.3	52.7	39.1	13.6	24.5	18.8	5.8
	April .....	109.7	83.1	2.8	2.5	21.3	90.5	19.3	11.4	9.5	1.9	25.2	19.4	5.8	46.6	34.9	11.7	26.5	19.3	7.2
	May .....	122.8	95.9	3.3	2.6	21.1	101.4	21.4	12.4	11.0	1.4	29.3	22.7	6.6	51.0	39.1	11.9	30.1	23.1	7.0
	June .....	129.3	97.4	3.2	3.4	25.3	106.6	22.8	12.4	10.6	1.9	29.7	23.1	6.6	53.3	39.7	13.7	33.9	24.1	9.8
	July .....	115.6	88.3	2.3	2.4	22.5	95.2	20.4	10.7	9.4	1.2	27.3	20.9	6.4	48.4	36.9	11.6	29.2	21.1	8.2
	August .....	133.5	101.4	3.1	3.0	26.1	111.4	22.1	12.3	10.6	1.7	31.9	23.5	8.3	55.9	42.1	13.8	33.5	25.2	8.3
	September .....	124.1	90.1	3.0	3.0	28.1	104.1	20.0	11.2	9.4	1.8	28.9	20.5	8.4	55.0	39.4	15.5	29.1	20.8	8.3
	October .....	122.2	90.8	3.1	3.3	25.0	101.4	20.8	11.9	9.8	2.1	31.9	22.1	9.8	51.5	37.7	13.7	27.0	21.2	5.8
	November .....	107.8	78.4	2.9	3.1	23.5	90.9	17.0	10.5	8.0	2.5	24.9	18.2	6.7	46.3	33.3	13.0	26.2	18.9	7.3
	December .....	97.4	68.8	1.9	2.0	24.7	85.0	12.4	8.0	6.6	1.4	17.8	12.5	5.2	43.8	30.1	13.7	27.8	19.5	8.4
1996:	January .....	88.3	66.0	2.0	1.8	18.5	77.1	11.1	5.5	4.5	1.0	14.3	10.4	3.9	44.0	33.7	10.3	24.5	17.4	7.1
	February .....	96.0	74.4	2.2	1.9	17.6	83.7	12.3	6.1	5.4	0.7	17.1	13.7	3.4	46.4	37.2	9.2	26.4	18.1	8.4
	March .....	120.4	95.7	2.6	2.3	19.8	101.6	18.8	10.8	8.9	1.9	26.6	20.2	6.3	52.0	43.3	8.7	31.1	23.3	7.8
	April .....	140.1	109.9	3.7	3.2	23.2	116.2	23.8	14.0	10.9	3.1	33.9	26.7	7.2	60.3	47.1	13.1	31.9	25.1	6.8
	May .....	140.5	109.2	3.1	3.0	25.1	116.5	24.0	14.2	11.8	2.4	32.8	26.1	6.6	61.8	46.0	15.8	31.8	25.4	6.4
	June .....	131.4	100.7	2.9	3.1	24.7	109.1	22.3	13.1	10.7	2.4	29.4	23.4	5.9	55.6	42.2	13.4	33.4	24.4	9.0
	July .....	135.1	101.8	2.9	2.8	27.5	111.2	23.9	13.4	11.1	2.4	33.1	24.6	8.5	54.7	41.6	13.1	33.8	24.5	9.3
	August .....	129.1	97.6	3.0	2.5	26.0	108.0	21.1	14.0	10.6	3.4	30.3	22.6	7.8	55.4	41.3	14.2	29.4	23.2	6.2
	September .....	121.1	85.9	3.0	3.1	29.1	101.0	20.1	12.2	9.6	2.5	27.8	20.1	7.7	51.4	35.7	15.7	29.8	20.5	9.3
	October .....	123.7	90.8	3.3	3.7	25.9	103.6	20.1	13.4	10.0	3.4	30.8	21.4	9.4	49.6	38.1	11.5	29.9	21.3	8.6
	November .....	100.7	71.5	2.7	2.6	23.9	86.1	14.7	10.8	8.3	2.4	23.1	15.2	7.9	44.9	31.7	13.2	21.9	16.3	5.7
	December .....	99.2	66.0	2.2	2.0	29.1	86.0	13.2	9.4	7.0	2.5	18.7	12.1	6.6	47.4	30.7	16.8	23.6	16.2	7.3
1997:	January .....	88.9	66.0	2.0	1.7	19.2	78.0	10.9	8.2	6.0	2.2	13.4	9.3	4.1	44.1	34.1	10.1	23.1	16.5	6.6
	February .....	92.8	70.2	2.3	2.0	18.3	80.2	12.6	8.1	5.7	2.5	15.9	11.3	4.6	44.5	34.4	10.0	24.3	18.8	5.6
	March .....	120.1	88.5	3.0	2.8	25.8	101.6	18.5	11.3	8.6	2.7	24.1	17.8	6.3	55.9	40.0	15.9	28.8	22.1	6.7
	April .....	137.0	103.8	3.3	3.3	26.6	112.2	24.8	12.4	10.1	2.3	31.4	23.8	7.6	61.5	45.0	16.4	31.7	24.9	6.8
	May .....	131.8	100.5	2.9	3.0	25.3	108.4	23.4	12.6	10.6	2.0	29.3	22.4	6.9	56.6	42.5	14.1	33.2	25.0	8.3
	June .....	131.6	99.6	3.3	3.5	25.2	109.4	22.2	13.6	10.4	3.1	28.2	21.7	6.5	57.4	42.4	15.0	32.3	25.0	7.3
	July <sup>f</sup> .....	132.5	98.2	3.3	3.5	27.5	111.4	21.0	13.3	10.8	2.5	27.2	20.9	6.3	58.2	41.5	16.8	33.7	25.0	8.7
	August <sup>p</sup> .....	123.5	90.7	2.7	3.1	27.0	103.7	19.8	11.8	9.4	2.4	26.8	19.4	7.4	52.3	38.3	14.0	32.6	23.6	9.0
Year to date:	1996 .....	980.9	755.3	22.5	20.8	182.4	823.4	157.5	91.1	73.9	17.2	217.4	167.7	49.7	430.2	332.4	97.8	242.2	181.3	60.9
	1997 <sup>2</sup> .....	960.8	718.6	23.0	22.9	196.3	807.8	153.0	94.5	73.1	21.3	196.5	146.7	49.8	429.6	317.3	112.2	240.3	181.4	59.0

See footnotes at end of table.

Table 2. New Privately Owned Housing Units Authorized in Permit-Issuing Places—Con.

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

Period	United States							Northeast			Midwest			South			West		
	Total	In structures with—				Inside MSAs <sup>1</sup>	Outside MSAs <sup>1</sup>	Total	In structures with—		Total	In structures with—		Total	In structures with—		Total	In structures with—	
		1 unit	2 units	3 and 4 units	5 units or more				1 unit	2 units or more		1 unit	2 units or more		1 unit	2 units or more		1 unit	2 units or more
<b>MONTHLY DATA—Con.</b>																			
<b>Seasonally Adjusted Annual Rate</b>																			
1995:	January .....	1,282	967	66	249	(NA)	(NA)	139	121	18	285	206	79	567	412	155	291	228	63
	February .....	1,254	916	52	286	(NA)	(NA)	112	96	16	274	201	73	536	391	145	332	228	104
	March .....	1,226	914	64	248	(NA)	(NA)	128	106	22	274	206	68	558	404	154	266	198	68
	April .....	1,259	925	60	274	(NA)	(NA)	129	106	23	278	202	76	539	396	143	313	221	92
	May .....	1,271	958	61	252	(NA)	(NA)	121	103	18	278	209	69	546	410	136	326	236	90
	June .....	1,305	982	64	259	(NA)	(NA)	119	101	18	295	218	77	565	424	141	326	239	87
	July .....	1,354	1,019	61	274	(NA)	(NA)	117	101	16	303	225	78	598	443	155	336	250	86
	August .....	1,386	1,045	63	278	(NA)	(NA)	121	107	14	310	233	77	600	444	156	355	261	94
	September .....	1,421	1,079	68	274	(NA)	(NA)	128	108	20	315	234	81	638	487	151	340	250	90
	October .....	1,400	1,052	65	283	(NA)	(NA)	128	106	22	322	235	87	634	458	176	316	253	63
	November .....	1,430	1,060	70	300	(NA)	(NA)	126	101	25	314	241	73	622	454	168	368	264	104
	December .....	1,442	1,091	62	289	(NA)	(NA)	129	105	24	300	232	68	618	460	158	395	294	101
1996:	January .....	1,385	1,047	64	274	(NA)	(NA)	98	84	14	320	242	78	596	456	140	371	265	106
	February .....	1,425	1,083	60	282	(NA)	(NA)	118	106	12	325	251	74	612	481	131	370	245	125
	March .....	1,438	1,119	60	259	(NA)	(NA)	143	116	27	333	246	87	597	489	108	365	268	97
	April .....	1,486	1,128	74	284	(NA)	(NA)	146	112	34	346	254	92	644	494	150	350	268	82
	May .....	1,457	1,101	64	292	(NA)	(NA)	137	110	27	313	244	69	662	486	176	345	261	84
	June .....	1,432	1,094	64	274	(NA)	(NA)	136	111	25	314	240	74	636	484	152	346	259	87
	July .....	1,454	1,077	67	310	(NA)	(NA)	136	110	26	337	244	93	624	457	167	357	266	91
	August .....	1,405	1,061	62	282	(NA)	(NA)	145	112	33	310	235	75	623	461	162	327	253	74
	September .....	1,391	1,029	70	292	(NA)	(NA)	140	111	29	305	226	79	598	443	155	348	249	99
	October .....	1,349	1,003	68	278	(NA)	(NA)	138	105	33	294	219	75	584	438	146	333	241	92
	November .....	1,391	1,016	65	310	(NA)	(NA)	135	108	27	304	212	92	628	455	173	324	241	83
	December .....	1,405	999	65	341	(NA)	(NA)	145	106	39	303	211	92	636	447	189	321	235	86
1997:	January .....	1,395	1,052	62	281	(NA)	(NA)	146	113	33	299	219	80	600	466	134	350	254	96
	February .....	1,438	1,069	68	301	(NA)	(NA)	164	116	48	312	219	93	610	468	142	352	266	86
	March .....	1,457	1,034	71	352	(NA)	(NA)	153	113	40	307	213	94	652	452	200	345	256	89
	April .....	1,442	1,060	68	314	(NA)	(NA)	127	105	22	316	226	90	651	466	185	348	263	85
	May .....	1,432	1,053	66	313	(NA)	(NA)	129	104	25	298	218	80	632	465	167	373	266	107
	June .....	1,402	1,049	70	283	(NA)	(NA)	135	104	31	296	214	82	641	471	170	330	260	70
	July <sup>1</sup> .....	1,414	1,030	77	307	(NA)	(NA)	133	106	27	276	206	70	656	454	202	349	264	85
	August <sup>P</sup> .....	1,391	1,027	69	295	(NA)	(NA)	127	103	24	282	210	72	611	448	163	371	266	105
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>3</sup></b>																			
Annual .....	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
Monthly .....	1	1	4	5	2	1	3	2	1	4	2	1	5	1	3	1	2	1	
Year to date .....	1	1	2	3	1	1	2	2	1	6	1	1	3	1	2	1	1	1	

NA Not available. <sup>P</sup>Preliminary. <sup>R</sup>Revised. X Not applicable. Z Less than 0.5 percent.

<sup>1</sup>Metropolitan statistical areas.

<sup>2</sup>Reflects revisions not distributed to months.

<sup>3</sup>Average Relative Standard Errors (Avg. RSE): Annual—RSE for the latest year; Year to date—Avg. RSE for the current period and the same period last year; Monthly—Avg. RSE for the latest 6-month period (January through June or July through December).

**Table 3. New Privately Owned Housing Units Authorized, but Not Started, in Permit-Issuing Places at End of Period**

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

Authorized, but not started at end of period	United States				Northeast				Midwest				South				West				
	Total	In structures with—			Total	In structures with—			Total	In structures with—			Total	In structures with—			Total	In structures with—			
		1 unit	2 to 4 units	5 units or more		1 unit	2 to 4 units	5 units or more		1 unit	2 to 4 units	5 units or more		1 unit	2 to 4 units	5 units or more		1 unit	2 to 4 units	5 units or more	
		Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	2 to 4 units	5 units or more	Total	1 unit	2 to 4 units	5 units or more
<b>END OF YEAR</b>																					
<b>14,000-Place Series</b>																					
1977 .....	231.8	90.7	12.9	128.2	42.4	12.5	1.0	28.9	32.2	14.1	2.5	15.6	94.9	35.9	3.3	55.7	62.3	28.2	6.1	28.0	
1978 .....	207.8	86.7	15.1	106.0	39.6	14.3	1.3	24.0	26.5	12.6	3.0	10.9	83.6	32.0	4.4	47.2	58.1	27.8	6.4	23.9	
<b>16,000-Place Series</b>																					
1979 .....	184.1	77.3	14.4	92.4	32.6	12.3	1.1	19.3	19.6	7.7	2.7	9.2	85.3	32.9	5.1	47.4	46.4	24.4	5.5	16.6	
1980 .....	173.6	70.1	15.3	88.2	26.0	12.3	1.2	12.6	17.5	6.8	2.9	7.8	88.5	32.9	6.5	49.1	41.6	18.1	4.8	18.7	
1981 .....	145.5	60.1	10.7	74.7	23.3	11.5	0.9	10.8	10.0	5.0	1.7	3.2	77.5	29.8	4.9	42.8	34.7	13.8	3.1	17.9	
1982 .....	167.8	66.9	11.6	89.3	19.4	9.4	1.0	9.0	10.4	4.5	1.7	4.2	100.3	38.5	5.9	55.9	37.7	14.5	2.9	20.2	
1983 .....	178.0	68.9	13.0	96.1	21.9	12.6	1.1	8.2	12.2	5.2	1.8	5.1	104.2	33.6	6.8	63.8	39.8	17.4	3.3	19.0	
1984 .....	192.5	66.2	10.2	116.1	23.2	10.8	1.2	11.2	14.0	5.1	1.5	7.5	109.4	34.5	4.8	70.1	45.8	15.7	2.7	27.4	
<b>17,000-Place Series</b>																					
1985 .....	223.3	80.6	13.7	129.0	36.9	19.2	2.1	15.7	20.4	5.8	2.2	12.4	120.6	43.3	5.7	71.6	45.4	12.3	3.8	29.3	
1986 .....	205.2	92.8	12.3	100.2	34.4	21.2	2.4	10.8	21.1	6.4	2.3	12.4	91.3	43.5	3.8	43.9	58.4	21.7	3.7	33.0	
1987 .....	155.0	79.3	11.1	64.6	36.8	23.3	2.1	11.4	11.9	6.5	2.2	3.2	68.6	33.8	3.5	31.4	37.7	15.7	3.3	18.6	
1988 .....	156.4	76.4	9.9	70.1	32.9	20.0	1.9	11.0	15.5	5.9	2.3	7.3	64.0	30.4	2.9	30.7	44.0	20.1	2.7	21.1	
1989 .....	173.9	93.1	8.4	72.5	34.1	25.1	1.6	7.4	18.0	7.5	1.8	8.7	73.5	34.3	2.1	37.1	48.3	26.2	2.8	19.2	
1990 .....	131.6	75.0	8.5	48.1	25.8	20.0	1.3	4.5	14.2	5.7	2.2	6.3	55.1	27.3	2.1	25.7	36.5	22.0	2.9	11.6	
1991 .....	126.3	71.1	4.7	50.6	24.4	17.3	0.7	6.4	16.9	6.4	1.4	9.1	51.3	26.0	1.3	24.0	33.8	21.4	1.4	11.1	
1992 .....	108.7	71.9	5.1	31.7	18.6	13.5	0.7	4.5	13.4	8.8	1.7	2.9	49.8	33.3	1.3	15.2	26.9	16.3	1.5	9.1	
1993 .....	118.9	72.5	3.7	42.8	22.3	15.4	0.5	6.4	14.3	8.6	1.2	4.5	58.5	35.2	1.0	22.3	23.8	13.2	1.0	9.6	
1994 .....	115.6	66.0	3.6	46.1	17.1	12.2	0.4	4.5	13.1	8.3	1.2	3.7	58.1	31.2	1.1	25.8	27.3	14.2	1.0	12.1	
<b>19,000-Place Series</b>																					
1995 .....	142.2	80.1	4.5	57.6	18.3	13.5	0.5	4.3	18.7	12.8	1.4	4.5	71.6	36.7	1.3	33.6	33.5	17.1	1.2	15.2	
1996 .....	126.4	67.5	4.8	54.2	16.0	9.0	0.6	6.4	16.6	10.6	1.7	4.2	68.1	32.3	1.3	34.4	25.8	15.5	1.2	9.2	
<b>END OF MONTH</b>																					
1996: January .....	137.9	79.7	4.9	53.4	18.6	13.7	0.6	4.3	17.5	11.6	1.6	4.3	72.3	39.7	1.3	31.2	29.7	14.8	1.3	13.6	
February .....	136.8	82.3	4.5	50.0	16.6	11.7	0.5	4.5	20.0	14.4	1.5	4.2	73.2	42.5	1.4	29.3	26.9	13.6	1.2	12.1	
March .....	147.6	89.9	6.3	51.4	17.3	12.5	0.6	4.3	23.0	16.2	2.2	4.6	75.9	45.8	1.8	28.3	31.3	15.4	1.6	14.3	
April .....	144.8	87.4	5.6	51.8	17.4	12.8	0.7	3.9	26.3	17.4	1.9	7.0	74.1	43.1	1.6	29.3	27.1	14.2	1.4	11.6	
May .....	146.5	91.0	4.8	50.7	18.6	12.9	0.5	5.2	26.9	20.2	1.6	5.1	74.9	41.8	1.4	31.7	26.1	16.1	1.3	8.8	
June .....	143.3	84.6	4.0	54.7	17.9	12.6	0.5	4.7	25.5	18.1	1.3	6.0	73.2	38.5	1.2	33.6	26.7	15.3	1.0	10.4	
July .....	146.0	85.0	4.7	56.3	18.7	12.4	0.6	5.8	25.1	15.9	1.6	7.6	72.9	39.4	1.3	32.2	29.3	17.3	1.2	10.7	
August .....	130.7	77.0	3.7	50.0	16.4	11.6	0.4	4.4	19.8	14.8	1.3	3.7	71.1	37.1	1.1	33.0	23.4	13.5	1.0	8.9	
September .....	128.4	72.8	5.4	50.2	15.2	10.7	0.6	4.0	20.1	13.0	2.0	5.2	68.9	35.3	1.4	32.2	24.1	13.9	1.4	8.8	
October .....	127.7	71.9	6.0	49.7	15.6	10.1	0.7	4.8	21.2	12.3	2.3	6.7	68.9	35.9	1.6	31.5	22.0	13.8	1.5	6.7	
November .....	121.0	65.7	4.7	50.6	15.7	10.2	0.5	5.0	18.6	11.2	1.7	5.8	66.1	32.1	1.3	32.6	20.7	12.3	1.2	7.3	
December .....	126.4	67.5	4.8	54.2	16.0	9.0	0.6	6.4	16.6	10.6	1.7	4.2	68.1	32.3	1.3	34.4	25.8	15.5	1.2	9.2	
1997: January .....	131.8	70.7	4.1	56.9	14.8	8.8	0.6	5.4	19.4	11.5	1.3	6.6	71.5	36.2	1.2	34.0	26.1	14.2	1.1	10.8	
February .....	128.1	69.1	3.7	55.3	16.0	8.6	0.4	6.9	16.3	10.6	1.2	4.4	70.3	34.9	1.1	34.3	25.6	14.9	1.0	9.7	
March .....	133.2	69.4	4.6	59.2	15.7	8.7	0.5	6.5	20.2	13.0	1.6	5.5	73.9	34.6	1.3	38.1	23.5	13.0	1.3	9.2	
April .....	128.6	71.5	3.9	53.1	14.5	9.7	0.4	4.3	22.0	14.6	1.3	6.0	69.6	33.5	1.2	34.9	22.5	13.6	1.0	7.9	
May .....	124.7	72.7	3.6	48.5	15.1	10.1	0.4	4.6	19.9	15.2	1.2	3.5	68.4	33.0	1.2	34.2	21.4	14.3	0.8	6.2	
June <sup>a</sup> .....	122.7	71.8	3.5	47.4	16.3	10.1	0.4	5.9	17.7	13.6	1.2	3.0	68.5	33.9	1.1	33.6	20.1	14.2	0.9	5.1	
July <sup>b</sup> .....	124.9	72.3	4.6	48.1	15.3	9.2	0.5	5.6	17.4	12.2	1.4	3.8	69.1	36.3	1.4	31.4	23.1	14.6	1.2	7.3	
August <sup>b</sup> .....	121.5	68.3	4.3	48.9	15.6	8.2	0.5	6.9	15.2	11.0	1.4	2.9	65.6	34.0	1.3	30.3	25.1	15.2	1.2	8.8	
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>1</sup></b>																					
End of period .. (percent) ..	3	3	10	6	8	10	25	12	6	6	17	17	4	4	19	8	5	6	15	9	

<sup>a</sup>Preliminary. <sup>b</sup>Revised.<sup>1</sup>Average Relative Standard Errors: Average for the latest 6-month period (January through June or July through December).

Note: These backlog 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 from the backlog.

**Table 4. New Privately Owned Housing Units Started by Location and Type of Structure**

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

Period	United States			Inside MSAs <sup>1</sup>			Outside MSAs <sup>1</sup>			Northeast			Midwest			South			West			
		In structures with—			In structures with—			In structures with—			In structures with—			In structures with—			In structures with—			In structures with—		
		Total <sup>2</sup>	1 unit	5 units or more	Total <sup>2</sup>	1 unit	5 units or more	Total <sup>2</sup>	1 unit	5 units or more	Total <sup>2</sup>	1 unit	5 units or more	Total <sup>2</sup>	1 unit	5 units or more	Total <sup>2</sup>	1 unit	5 units or more	Total <sup>2</sup>	1 unit	5 units or more
<b>ANNUAL DATA</b>																						
1977 .....	1,987	1,451	414	1,377	943	347	610	508	68	202	156	36	465	337	99	783	588	163	538	370	117	
1978 .....	2,020	1,433	462	1,432	941	396	588	492	66	200	147	43	451	325	98	824	604	185	545	358	137	
1979 .....	1,745	1,194	429	1,241	790	362	505	405	67	178	123	46	349	243	80	748	522	184	470	306	119	
1980 .....	1,292	852	331	914	563	271	379	289	59	125	87	30	218	142	56	643	428	165	306	196	80	
1981 .....	1,084	705	288	760	458	236	324	247	52	117	84	25	165	110	40	562	363	153	240	148	69	
1982 .....	1,062	663	320	785	452	274	277	211	46	117	79	31	149	99	38	591	357	189	205	127	61	
1983 .....	1,703	1,068	522	1,351	795	464	352	272	58	168	123	35	218	153	48	935	557	317	382	234	121	
1984 .....	1,750	1,084	544	1,415	830	491	335	254	53	204	158	35	243	167	60	866	528	274	436	230	175	
1985 .....	1,742	1,072	576	1,494	882	535	248	190	41	252	182	55	240	148	77	782	504	240	468	239	204	
1986 .....	1,805	1,179	542	1,546	970	508	259	209	34	294	228	50	296	188	91	733	504	201	483	261	200	
1987 .....	1,620	1,146	409	1,372	934	385	248	212	24	269	204	50	298	203	81	634	485	129	420	255	148	
1988 .....	1,488	1,081	348	1,243	874	323	245	207	25	235	181	42	274	194	66	575	443	115	404	264	125	
1989 .....	1,376	1,003	318	1,128	798	289	248	205	29	178	132	37	266	190	62	536	409	109	396	272	108	
1990 .....	1,193	895	260	947	685	233	246	210	27	131	104	21	253	193	50	479	371	99	329	226	91	
1991 .....	1,014	840	138	789	648	117	225	193	21	113	99	8	233	191	31	414	353	51	254	197	47	
1992 .....	1,200	1,030	139	932	793	117	268	237	22	127	112	11	288	236	42	497	438	50	288	244	36	
1993 .....	1,288	1,126	133	1,032	897	114	256	229	19	126	116	8	298	251	37	562	498	55	302	261	33	
1994 .....	1,457	1,198	224	1,183	958	200	274	241	23	138	123	12	329	268	50	639	522	107	351	286	54	
1995 .....	1,354	1,076	244	1,106	861	221	248	215	23	118	102	12	290	234	46	615	485	119	331	256	67	
1996 .....	1,477	1,161	271	1,211	936	242	265	225	29	132	112	15	321	254	51	662	524	125	361	271	79	
<b>QUARTERLY DATA</b>																						
1993:	1st quarter .....	241	213	22	198	176	18	43	38	4	19	17	1	46	40	4	119	107	10	57	49	6
	2nd quarter .....	367	324	35	289	253	30	79	71	5	36	34	2	89	74	12	156	140	13	87	76	8
	3rd quarter .....	356	309	37	284	245	33	71	64	4	38	35	3	86	73	9	147	130	15	85	71	11
	4th quarter .....	324	279	38	261	224	33	63	56	6	33	30	2	78	64	12	140	121	17	73	64	8
1994:	1st quarter .....	294	253	35	248	212	32	46	41	4	20	17	3	51	45	5	142	121	19	80	69	9
	2nd quarter .....	423	354	60	339	279	53	84	75	7	43	39	3	104	86	16	180	148	29	95	81	12
	3rd quarter .....	398	326	62	317	254	55	81	72	6	39	35	4	94	77	14	167	137	27	98	77	17
	4th quarter .....	343	266	66	279	212	60	63	54	7	36	32	3	79	60	15	150	115	32	78	58	16
1995:	1st quarter .....	270	214	48	226	177	44	44	37	4	22	19	2	45	36	8	134	106	24	69	54	14
	2nd quarter .....	371	297	65	298	232	59	73	65	6	36	29	5	85	70	12	160	127	30	91	70	19
	3rd quarter .....	387	308	69	314	245	62	73	63	7	33	30	2	89	72	14	170	133	35	95	73	19
	4th quarter .....	326	257	62	268	207	56	58	50	6	27	24	3	71	57	13	152	118	31	76	59	15
1996:	1st quarter .....	303	240	57	253	198	52	49	42	6	21	18	2	53	43	8	145	117	27	84	62	20
	2nd quarter .....	428	344	69	348	275	62	80	69	7	39	33	4	96	78	13	188	154	30	105	79	22
	3rd quarter .....	410	324	75	332	257	66	78	67	9	38	33	4	99	78	17	176	139	34	97	74	20
	4th quarter .....	335	252	69	278	206	62	58	47	8	34	27	5	74	55	14	152	115	34	76	55	17
1997:	1st quarter .....	297	238	51	255	202	47	42	36	4	26	20	5	49	40	6	143	115	26	80	63	15
	2nd quarter <sup>r</sup> .....	419	325	83	342	260	74	77	65	9	36	31	5	92	74	14	190	143	43	101	77	21
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>3</sup></b>																						
Annual .....	(percent)..	1	1	2	1	1	2	5	4	3	11	1	1	8	2	2	7	11	2	2	4	2
Quarterly .....	(percent)..	1	1	5	1	1	5	4	4	14	1	4	3	18	3	3	11	2	2	7	1	2

<sup>p</sup>Preliminary. <sup>r</sup>Revised.

<sup>1</sup>Metropolitan statistical areas.

<sup>2</sup>Includes units started in structures with two to four units.

<sup>3</sup>Average Relative Standard Errors (Avg. RSE): Annual—Avg. RSE for the last 2 years; Quarterly—Avg. RSE for the latest 2-quarter period (quarter 1 through quarter 2 or quarter 3 through quarter 4).

**Table 5. New Mobile Homes: Placements, Average Sales Price, Dealers' Inventories, and Manufacturers' Shipments**

[Placements and inventory figures may not add to total because of rounding]

Period	Placed for residential use										Number on dealer lots at end of period (thousands)					Mobile home shipments (thous)	
	Number (thousands)					Average sales price (dollars)											
	United States	North-east	Mid-west	South	West	United States	North-east	Mid-west	South	West	United States	North-east	Mid-west	South	West		
<b>ANNUAL DATA</b>																	
1992.....	212.0	15.0	42.2	124.4	30.4	28,400	30,900	28,800	25,400	39,000	50.9	3.9	9.1	31.7	6.2	210.5	
1993.....	242.5	15.4	44.5	146.7	35.9	30,500	32,000	31,400	27,700	40,500	61.4	4.2	10.6	39.2	7.3	254.3	
1994.....	286.1	16.2	53.0	174.4	42.5	33,500	33,900	34,600	30,500	44,600	72.3	3.9	12.4	47.4	8.6	303.9	
1995.....	310.7	14.6	56.0	198.3	41.8	36,300	37,600	36,600	34,000	46,800	91.0	4.6	15.9	58.0	12.5	339.9	
1996.....	319.7	15.4	56.6	205.1	42.6	38,400	40,200	39,600	36,100	47,700	110.2	4.8	16.3	75.5	13.6	363.3	
<b>MONTHLY DATA</b>																	
<b>Not Seasonally Adjusted</b>																	
1996: January .....	18.6	0.7	2.1	13.4	2.3	37,500	42,800	39,600	35,700	44,600	88.8	4.6	16.1	56.8	11.4	27.1	
February .....	25.2	1.0	3.6	17.3	3.4	36,600	35,000	37,600	34,600	46,700	86.9	4.6	16.3	54.7	11.4	27.2	
March .....	26.7	0.9	3.7	18.5	3.7	35,900	35,300	36,700	34,200	43,900	88.5	4.8	16.8	55.5	11.5	30.1	
April .....	22.1	0.7	3.4	15.0	3.0	38,700	36,200	46,700	35,700	46,500	96.7	5.3	18.2	61.1	12.1	32.5	
May .....	29.8	1.7	5.6	18.7	3.8	38,100	38,400	38,700	35,900	48,200	98.3	5.0	18.6	63.0	11.8	33.5	
June .....	31.2	1.6	6.1	18.9	4.7	39,000	41,800	39,300	36,300	49,200	100.7	4.9	17.9	66.1	11.7	31.2	
July .....	26.3	1.6	5.3	15.6	3.7	39,600	38,600	40,400	37,400	48,800	103.3	5.1	17.8	68.7	11.7	29.1	
August .....	30.7	1.9	6.4	18.0	4.4	38,000	40,100	38,100	35,800	46,100	105.3	5.1	17.3	71.5	11.4	34.3	
September .....	27.2	1.6	5.6	15.9	4.1	39,700	43,500	41,000	36,400	49,900	108.5	5.2	16.9	74.7	11.7	31.5	
October .....	36.0	1.4	6.3	24.3	3.9	38,800	41,300	40,000	36,800	48,700	107.7	5.4	16.9	72.7	12.6	36.0	
November .....	24.7	1.3	4.1	16.4	2.9	39,500	42,700	39,800	37,600	48,800	108.0	5.1	16.9	73.0	12.9	28.0	
December .....	21.1	1.1	4.3	13.0	2.7	39,300	44,200	38,400	37,000	50,100	110.2	4.8	16.3	75.5	13.6	22.9	
1997: January .....	22.4	0.6	2.2	16.6	3.0	38,500	48,200	42,100	36,000	47,900	103.9	4.8	16.0	69.5	13.5	26.7	
February .....	21.0	0.5	2.0	15.0	3.5	39,700	47,400	41,900	37,400	47,900	108.2	5.0	17.5	72.0	13.7	26.3	
March .....	26.8	0.8	3.3	18.9	3.7	38,800	40,000	37,100	37,100	48,800	107.4	5.3	18.2	70.6	13.3	28.8	
April .....	24.0	0.9	4.0	15.3	3.8	40,300	44,200	41,000	38,100	47,800	115.3	5.8	19.2	77.3	13.0	32.5	
May .....	23.2	1.3	4.2	14.5	3.2	40,500	43,500	38,900	38,700	49,800	121.9	5.9	20.0	81.9	14.2	31.3	
June <sup>b</sup> .....	22.6	1.3	4.5	13.9	3.0	41,700	45,300	40,800	38,700	55,100	129.2	6.0	20.5	87.6	15.1	31.0	
July .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	28.9	
<b>Seasonally Adjusted<sup>1</sup></b>																	
1996: January .....	313	17	51	205	39	(X)	(X)	(X)	(X)	(X)	88	5	17	55	11	350	
February .....	368	20	74	224	50	(X)	(X)	(X)	(X)	(X)	82	5	15	52	11	346	
March .....	329	14	58	211	45	(X)	(X)	(X)	(X)	(X)	86	5	16	54	11	368	
April .....	256	9	45	164	38	(X)	(X)	(X)	(X)	(X)	93	5	17	60	11	373	
May .....	314	17	57	198	41	(X)	(X)	(X)	(X)	(X)	96	5	17	63	11	366	
June .....	324	16	60	200	48	(X)	(X)	(X)	(X)	(X)	100	5	17	67	11	372	
July .....	295	16	53	184	43	(X)	(X)	(X)	(X)	(X)	106	5	18	72	12	366	
August .....	323	17	58	204	44	(X)	(X)	(X)	(X)	(X)	108	5	18	73	12	369	
September .....	314	16	57	195	45	(X)	(X)	(X)	(X)	(X)	112	5	18	77	13	372	
October .....	391	13	60	277	40	(X)	(X)	(X)	(X)	(X)	111	5	18	74	13	364	
November .....	312	15	48	210	38	(X)	(X)	(X)	(X)	(X)	110	5	18	73	13	354	
December .....	292	15	57	183	37	(X)	(X)	(X)	(X)	(X)	112	5	18	75	14	338	
1997: January .....	366	14	51	250	51	(X)	(X)	(X)	(X)	(X)	103	5	17	68	14	339	
February .....	307	11	45	203	48	(X)	(X)	(X)	(X)	(X)	106	5	17	71	13	355	
March .....	316	12	51	207	45	(X)	(X)	(X)	(X)	(X)	105	5	18	70	13	353	
April .....	301	12	54	188	47	(X)	(X)	(X)	(X)	(X)	111	5	18	76	12	372	
May .....	251	14	45	155	37	(X)	(X)	(X)	(X)	(X)	119	6	18	82	13	356	
June <sup>b</sup> .....	235	13	43	147	32	(X)	(X)	(X)	(X)	(X)	129	6	19	89	15	356	
July .....	(NA)	(NA)	(NA)	(NA)	(NA)	(X)	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	358	
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>																	
Annual.....(percent) ..	4	17	9	5	9	3	13	6	4	7	(X)	2	(X)	2	(X)	(X)	
Monthly.....(percent) ..	4	16	8	5	10	3	11	5	4	7	(X)	8	(X)	4	(X)	(X)	

NA Not available. <sup>b</sup>Preliminary (does not apply to shipments). <sup>c</sup>Revised (does not apply to shipments). X Not applicable.

<sup>1</sup>Data for placements and shipments of mobile homes are seasonally adjusted at an annual rate.

<sup>2</sup>Average Relative Standard Errors (Avg. RSE): Annual—Avg. RSE for the last 2 years; Monthly—Avg. RSE for the latest 6-month period (January through June or July through December).

Source: Except for manufacturers' shipments, these data are produced by the Commerce Department's Bureau of the Census from a survey sponsored by the Department of Housing and Urban Development. Statistics on shipments are compiled from manufacturers' reports to the National Conference of States on Building Codes and Standards (NCSBCS).

**Table 6. Seasonal Indexes Used to Adjust Housing Units Started**

Period	United States implicit index <sup>1</sup>	In structures with—						All units			
		1 unit				2 to 4 units	5 units or more	North-east	Midwest	South	West
		North-east	Midwest	South	West						
<b>1997</b>											
May	116.7	117.6	124.7	113.6	113.1	109.6	120.1	118.3	127.3	116.0	114.9
June <sup>b</sup>	112.1	121.6	128.0	107.9	114.7	126.2	99.6	122.4	125.1	104.7	113.5
July <sup>a</sup>	110.2	121.8	124.8	104.7	111.3	110.6	101.3	118.7	119.9	105.0	109.6
August <sup>b</sup>	109.8	110.0	117.1	105.5	111.4	102.5	110.8	114.0	121.6	102.6	111.2

<sup>a</sup>Preliminary. <sup>b</sup>Revised.<sup>1</sup>The implicit seasonal index is the ratio of the unadjusted number of housing units started in the United States to the seasonally adjusted national total of housing units started. It provides an indication of the overall seasonality for the particular month.

Note: These seasonal indexes include trading-day adjustment factors.

**Table 7. Seasonal Indexes Used to Adjust Housing Units Authorized in Permit-Issuing Places**

Period	United States implicit index <sup>1</sup>	In structures with—						All units			
		1 unit				2 to 4 units	5 units or more	North-east	Midwest	South	West
		North-east	Midwest	South	West						
<b>1997</b>											
May	110.4	122.9	123.3	109.6	112.8	107.6	96.9	118.3	118.7	108.2	107.9
June	112.6	120.4	121.7	108.1	115.2	116.0	106.9	120.6	114.3	107.3	117.3
July <sup>a</sup>	112.4	122.6	121.9	109.7	113.6	105.2	107.3	121.0	118.8	106.9	116.2
August <sup>b</sup>	106.5	109.6	111.1	102.5	106.2	101.3	109.7	111.9	114.5	102.8	105.6

<sup>a</sup>Preliminary. <sup>b</sup>Revised.<sup>1</sup>The implicit seasonal index is the ratio of the unadjusted number of housing units authorized by building permits in the United States to the seasonally adjusted national total of housing units authorized. It provides an indication of the overall seasonality for the particular month.

Note: These seasonal indexes include trading-day adjustment factors.

**Table 8. Seasonal Indexes Used to Adjust New Mobile Home Placements, Dealers' Inventories, and Manufacturers' Shipments**

Period	New mobile homes placed for residential use					New mobile homes on dealer lots at end of period					Mobile home shipments
	United States implicit index <sup>1</sup>	North-east	Midwest	South	West	United States implicit index <sup>1</sup>	North-east	Midwest	South	West	
<b>1997</b>											
March	101.8	77.4	77.4	109.6	98.3	102.2	102.2	103.7	101.2	105.3	97.8
April	95.6	89.3	89.3	97.6	96.6	103.8	109.6	109.3	102.0	107.2	104.8
May	111.0	111.4	111.4	112.4	102.9	102.4	105.6	110.5	99.6	105.9	105.6
June <sup>b</sup>	115.4	124.5	124.5	113.3	111.4	100.2	104.1	105.8	98.5	103.3	104.5
July	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	97.0

NA Not available. <sup>a</sup>Preliminary (does not apply to shipments). <sup>b</sup>Revised (does not apply to shipments).<sup>1</sup>The implicit seasonal index is the ratio of the unadjusted United States estimate to the seasonally adjusted United States estimate. It provides an indication of the overall seasonality for the particular month.

Note: These seasonal indexes include trading-day adjustment factors.