



Housing Starts

JUNE 1998

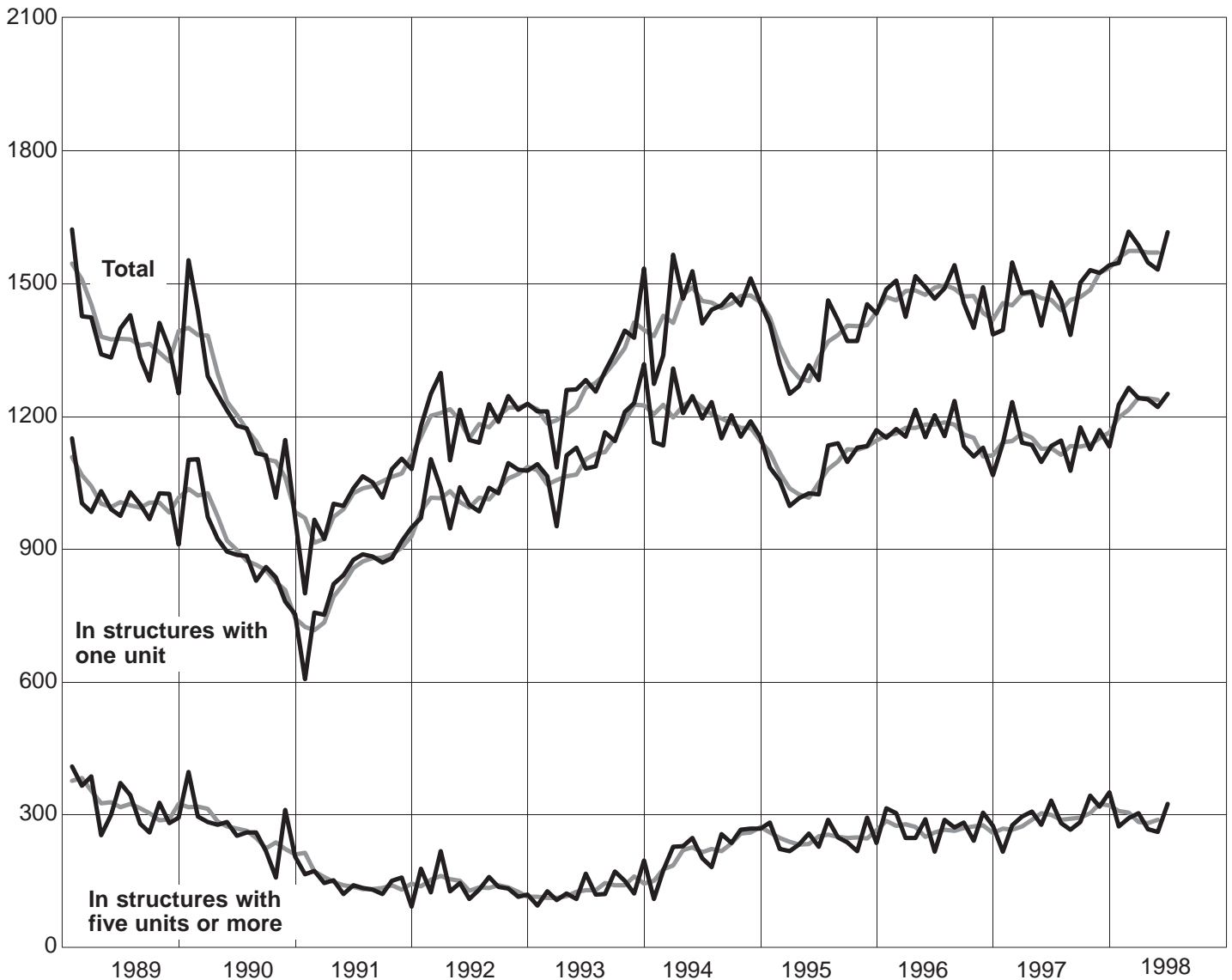
U.S. Department of Commerce
 Economics and Statistics Administration
 BUREAU OF THE CENSUS

C20/98-6
 Issued August 1998

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 June 1998 were at a seasonally adjusted annual rate of 1,615,000; this is 6 (± 6) percent above the revised May rate of 1,530,000 and 8 (± 7) percent above the June 1997 figure of 1,502,000.

Single-family housing starts in June 1998 were at a rate of 1,250,000; this is 3 (± 6) percent above the May figure of 1,219,000. The June rate for units in buildings with five units or more was 323,000. The June rate for units in buildings with two to four units was 42,000.

During the first 6 months of this year, 772,300 housing units were started compared with 716,200 units for the same period in 1997. This is an increase of 8 (± 2) percent.

New privately owned housing construction was authorized in June in the 19,000 permit-issuing places at a seasonally adjusted annual rate of 1,517,000 units; this is 2 (± 1) percent below the revised May rate of 1,543,000, but 9 (± 1) percent above the June 1997 figure of 1,398,000.

Single-family authorizations in June 1998 were at a rate of 1,125,000; this is 2 (± 1) percent below the May figure of 1,152,000. Authorizations of units in buildings with five units or more were at a rate of 320,000 in June. The June rate of permit-authorized units in buildings with two to four units was 72,000.

During the first 6 months of this year, 774,900 housing units were authorized by permits in the 19,000 places compared with 704,800 units for the same period in 1997. This is an increase of 10 (± 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 (± 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 1998 Current Construction Reports, C20/98-4. On average, the preliminary seasonally adjusted estimates of total housing starts and building permits are revised about ± 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 Construction Starts 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).....	98-4	98-1	97-10	97-7	97-4
Total time from start of construction to completion of private residential buildings (annual data)	98-3	97-3	96-3	95-3	94-3
Total time from authorization of construction to start for private residential buildings (annual data)	98-3	97-3	96-3	95-3	94-3
New privately owned housing units, by intended use and design at time of start (annual data)	98-2	97-2	96-2	95-2	94-2
New mobile homes (quarterly and annual data)	98-6	98-5	98-3	97-12	97-9

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 ¹	Outside MSAs ¹	North-east	Midwest	South	West	
		1 unit	2 units	3 and 4 units	5 units or more							
ANNUAL DATA												
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	
1997	1,474.0	1,133.7	18.1	26.4	295.8	1,221.3	252.7	136.8	303.6	670.3	363.3	
MONTHLY DATA												
Not Seasonally Adjusted												
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	140.4	108.8	1.4	2.6	27.5	114.4	26.0	11.6	31.9	62.3	34.5	
July	134.6	107.4	1.9	1.5	23.7	110.4	24.2	14.6	30.0	58.9	31.1	
August	126.5	98.8	1.5	2.0	24.2	104.1	22.5	11.6	28.1	55.5	31.3	
September	139.2	108.3	2.2	2.0	26.7	113.8	25.4	13.7	29.7	62.6	33.1	
October	139.0	99.2	2.0	4.4	33.4	110.9	28.1	11.2	34.0	60.9	33.0	
November	112.4	83.7	1.6	2.2	25.0	94.4	18.0	14.7	21.2	49.4	27.1	
December	106.0	73.9	1.8	2.3	28.1	90.2	15.8	8.8	19.6	50.6	27.0	
1998: January	91.2	72.3	0.8	1.5	16.5	78.1	13.1	8.0	14.4	42.9	25.9	
February	101.1	78.9	0.8	3.2	18.1	87.0	14.0	9.4	17.3	51.2	23.2	
March	132.6	107.2	1.6	1.9	21.9	113.6	19.0	11.0	23.3	63.2	35.0	
April ^f	144.9	117.3	1.8	2.2	23.7	119.0	25.9	11.9	33.2	65.4	34.4	
May ^f	143.0	114.1	2.3	2.4	24.3	117.1	26.0	13.9	30.4	64.5	34.2	
June ^p	159.4	126.4	1.5	2.8	28.7	131.7	27.8	14.1	33.1	71.2	41.0	
Year to date: 1997	716.2	562.4	7.2	11.9	134.7	597.5	118.7	62.2	141.0	332.4	180.7	
1998	772.3	616.2	8.9	14.0	133.2	646.4	125.9	68.3	151.8	358.5	193.8	
Seasonally Adjusted Annual Rate												
1997: January	1,394	1,138	42		214	(NA)	(NA)	174	262	608	350	
February	1,547	1,231	42		274	(NA)	(NA)	135	375	673	364	
March	1,477	1,139	44		294	(NA)	(NA)	152	303	653	369	
April	1,480	1,134	41		305	(NA)	(NA)	135	297	698	350	
May	1,404	1,095	34		275	(NA)	(NA)	123	297	624	360	
June	1,502	1,132	40		330	(NA)	(NA)	116	311	707	368	
July	1,461	1,144	38		279	(NA)	(NA)	146	302	668	345	
August	1,383	1,076	43		264	(NA)	(NA)	126	277	645	335	
September	1,501	1,174	45		282	(NA)	(NA)	139	304	696	362	
October	1,529	1,124	64		341	(NA)	(NA)	113	328	714	374	
November	1,523	1,167	40		316	(NA)	(NA)	182	272	661	408	
December	1,540	1,130	62		348	(NA)	(NA)	131	337	677	395	
1998: January	1,545	1,225	49		271	(NA)	(NA)	159	342	665	379	
February	1,616	1,263	63		290	(NA)	(NA)	200	367	710	339	
March	1,585	1,239	45		301	(NA)	(NA)	146	319	725	395	
April ^f	1,546	1,237	44		265	(NA)	(NA)	128	346	690	382	
May ^f	1,530	1,219	52		259	(NA)	(NA)	150	305	701	374	
June ^p	1,615	1,250	42		323	(NA)	(NA)	136	310	760	409	
AVERAGE RELATIVE STANDARD ERRORS²												
Annual	(percent)	1	1	6	9	2	1	3	1	2	2	1
Monthly	(percent)	3	2	12	27	11	3	7	13	6	4	4
Year to date	(percent)	1	1	8	15	5	1	3	7	3	2	1

NA Not available. ^pPreliminary. ^fRevised.¹Metropolitan statistical areas.²Average 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 ¹	Outside MSAs ¹	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
ANNUAL DATA																			
17,000-Place Series																			
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
19,000-Place Series																			
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
1997	1,441.1	1,062.4	34.9	33.6	310.3	1,220.2	220.9	141.9	111.2	30.7	299.8	220.0	79.8	635.9	464.2	171.7	363.5	267.1	96.5
MONTHLY DATA																			
Not Seasonally Adjusted																			
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	23.3	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	101.9	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	15.3	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	88.1	65.8	2.4	1.5	18.5	77.5	10.6	9.1	6.5	2.6	13.2	9.2	4.0	43.3	33.6	9.8	22.5	16.4	6.1
February	94.1	70.3	2.3	1.8	19.7	81.6	12.5	9.1	5.8	3.3	15.7	11.4	4.3	44.6	34.3	10.4	24.6	18.8	5.9
March	120.1	88.7	2.9	2.5	26.0	102.5	17.6	11.8	8.7	3.0	24.3	18.0	6.3	55.4	39.7	15.7	28.7	22.3	6.4
April	137.2	104.4	3.5	3.1	26.2	113.1	24.2	12.6	10.4	2.2	32.0	24.3	7.7	61.5	45.0	16.5	31.2	24.8	6.4
May	131.6	101.3	3.0	2.8	24.6	108.3	23.3	12.8	11.0	1.9	29.4	22.9	6.5	55.8	42.3	13.5	33.5	25.1	8.4
June	133.6	100.9	3.2	3.4	26.2	111.9	21.7	14.0	11.0	3.0	29.2	22.3	6.9	57.1	42.4	14.8	33.3	25.2	8.1
July	133.7	99.8	3.3	3.3	27.2	113.0	20.7	13.5	11.1	2.4	27.8	21.6	6.2	58.7	41.8	16.9	33.7	25.3	8.5
August	126.0	91.8	2.5	2.9	28.7	105.9	20.1	12.9	9.8	3.1	28.3	20.0	8.3	53.4	38.9	14.4	31.4	23.1	8.4
September	134.4	95.6	3.0	3.2	32.7	113.8	20.6	12.4	10.1	2.3	28.8	20.7	8.2	57.4	40.0	17.5	35.7	24.8	10.9
October	135.5	97.5	3.7	3.9	30.4	114.5	21.0	12.5	10.7	1.8	29.5	20.7	8.8	58.0	41.4	16.6	35.5	24.8	10.7
November	100.4	72.5	2.3	2.2	23.3	85.8	14.6	10.6	8.1	2.5	21.3	14.8	6.5	44.0	32.0	12.1	24.5	17.7	6.8
December	106.4	73.9	2.8	2.9	26.8	92.3	14.1	10.7	8.0	2.7	20.3	14.1	6.2	46.5	32.9	13.6	28.9	18.9	10.0
1998:																			
January	93.5	68.3	2.0	2.0	21.1	82.0	11.5	9.6	6.7	2.9	14.6	10.4	4.1	45.5	34.1	11.5	23.8	17.1	6.7
February	105.6	76.6	2.2	2.6	24.3	92.1	13.6	8.7	6.9	1.8	18.5	13.9	4.7	51.7	37.3	14.4	26.7	18.5	8.2
March	138.0	103.8	2.8	3.4	28.0	119.5	18.5	11.7	9.8	1.9	25.7	20.1	5.7	67.5	47.5	20.1	33.1	26.5	6.6
April	144.7	112.9	2.7	2.7	26.4	121.5	23.2	12.9	11.3	1.6	30.8	24.8	5.9	62.4	47.9	14.5	38.7	28.9	9.7
May ¹	137.5	105.9	2.5	3.1	26.0	115.5	21.9	12.7	10.7	2.0	30.7	24.1	6.6	62.2	45.6	16.6	31.8	25.5	6.4
June ²	151.8	114.9	3.2	4.1	29.6	128.3	23.4	16.4	12.6	3.7	31.3	25.1	6.2	64.4	48.8	15.7	39.7	28.4	11.3
Year to date:																			
1997	704.8	531.3	17.2	15.2	141.1	595.0	109.8	69.4	53.4	15.9	143.8	108.1	35.7	317.9	237.2	80.6	173.7	132.5	41.2
1998 ²	774.9	585.0	15.4	17.8	156.7	662.4	112.5	72.5	58.7	13.9	152.0	118.5	33.6	355.3	262.0	93.4	195.0	145.9	49.1

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 ¹	Outside MSAs ¹	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
MONTHLY DATA—Con.																			
Seasonally Adjusted Annual Rate																			
1996: January	1,387	1,051	63	273	(NA)	(NA)	97	87	10	313	240	73	610	461	149	367	263	104	
February	1,420	1,085	60	275	(NA)	(NA)	116	105	11	318	246	72	615	477	138	371	257	114	
March	1,437	1,108	60	269	(NA)	(NA)	137	111	26	335	244	91	596	484	112	369	269	100	
April	1,463	1,108	74	281	(NA)	(NA)	145	108	37	333	251	82	636	485	151	349	264	85	
May	1,457	1,096	66	295	(NA)	(NA)	139	109	30	314	243	71	663	485	178	341	259	82	
June	1,429	1,089	64	276	(NA)	(NA)	132	109	23	307	239	68	640	482	158	350	259	91	
July	1,450	1,074	67	309	(NA)	(NA)	137	110	27	338	243	95	617	461	156	358	260	98	
August	1,413	1,061	63	289	(NA)	(NA)	147	113	34	312	234	78	627	459	168	327	255	72	
September	1,392	1,037	70	285	(NA)	(NA)	143	113	30	303	229	74	598	447	151	348	248	100	
October	1,358	1,010	68	280	(NA)	(NA)	142	106	36	305	222	83	581	443	138	330	239	91	
November	1,412	1,031	68	313	(NA)	(NA)	140	111	29	313	220	93	636	454	182	323	246	77	
December	1,411	1,015	62	334	(NA)	(NA)	142	111	31	309	212	97	629	455	174	331	237	94	
1997: January	1,399	1,061	65	273	(NA)	(NA)	161	126	35	295	216	79	603	465	138	340	254	86	
February	1,450	1,074	64	312	(NA)	(NA)	176	117	59	300	213	87	618	463	155	356	281	75	
March	1,438	1,020	65	353	(NA)	(NA)	153	112	41	304	216	88	643	440	203	338	252	86	
April	1,423	1,052	69	302	(NA)	(NA)	126	101	25	313	229	84	648	465	183	336	257	79	
May	1,422	1,046	65	311	(NA)	(NA)	129	105	24	293	219	74	624	455	169	376	267	109	
June	1,398	1,051	68	279	(NA)	(NA)	141	109	32	299	220	79	619	464	155	339	258	81	
July	1,441	1,052	77	312	(NA)	(NA)	138	111	27	285	213	72	657	461	196	361	267	94	
August	1,445	1,059	64	322	(NA)	(NA)	141	108	33	304	219	85	630	463	167	370	269	101	
September	1,475	1,084	67	324	(NA)	(NA)	136	112	24	299	221	78	646	467	179	394	284	110	
October	1,502	1,106	74	322	(NA)	(NA)	134	114	20	295	218	77	682	490	192	391	284	107	
November	1,475	1,102	58	315	(NA)	(NA)	144	113	31	299	226	73	651	485	166	381	278	103	
December	1,467	1,094	82	291	(NA)	(NA)	153	121	32	321	238	83	612	473	139	381	262	119	
1998: January	1,553	1,142	70	341	(NA)	(NA)	174	134	40	336	249	87	667	484	183	376	275	101	
February	1,635	1,176	74	385	(NA)	(NA)	169	138	31	356	259	97	721	502	219	389	277	112	
March	1,569	1,136	71	362	(NA)	(NA)	146	119	27	311	228	83	733	501	232	379	288	91	
April	1,517	1,145	55	317	(NA)	(NA)	133	117	16	305	234	71	664	496	168	415	298	117	
May ^f	1,543	1,152	66	325	(NA)	(NA)	133	109	24	318	238	80	715	519	196	377	286	91	
June ^g	1,517	1,125	72	320	(NA)	(NA)	153	119	34	306	231	75	676	498	178	382	277	105	
AVERAGE RELATIVE STANDARD ERRORS³																			
Annual (percent)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	
Monthly (percent)	1	1	4	6	(Z)	(Z)	2	(Z)	6	(Z)	1	4	1	(Z)	2	1	(Z)	2	
Year to date (percent)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	

NA Not available. ^pPreliminary. ^rRevised. X Not applicable. Z Less than 0.5 percent.

¹Metropolitan statistical areas.

²Reflects revisions not distributed to months.

³Average 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-June or July-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
END OF YEAR																				
14,000-Place Series																				
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
16,000-Place Series																				
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
17,000-Place Series																				
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
19,000-Place Series																				
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
1997	111.1	63.6	3.7	43.8	11.3	7.1	0.4	3.8	14.1	9.2	1.3	3.6	58.7	32.0	1.2	25.5	26.9	15.2	0.8	10.8
END OF MONTH																				
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	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	121.6	70.4	4.2	47.0	15.1	9.1	0.5	5.6	17.1	11.9	1.3	3.8	66.9	35.4	1.3	30.2	22.4	14.1	1.1	7.3
August	120.0	67.9	3.6	48.5	15.9	8.4	0.5	7.0	15.0	11.1	1.2	2.7	65.5	33.9	1.1	30.4	23.6	14.4	0.9	8.3
September	119.3	62.7	4.2	52.5	13.3	8.3	0.4	4.6	16.6	9.9	1.6	5.2	65.0	30.8	1.1	33.1	24.4	13.7	1.0	9.6
October	122.0	66.5	4.9	50.6	14.3	9.7	0.5	4.1	15.2	9.4	2.2	3.6	65.6	31.8	1.2	32.6	26.9	15.6	1.1	10.3
November	108.8	60.1	3.7	45.0	10.1	7.0	0.4	2.7	13.2	9.1	1.4	2.6	61.3	29.7	1.0	30.6	24.2	14.3	0.9	9.0
December	111.1	63.6	3.7	43.8	11.3	7.1	0.4	3.8	14.1	9.2	1.3	3.6	58.7	32.0	1.2	25.5	26.9	15.2	0.8	10.8
1998: January	114.1	65.4	5.5	43.2	12.4	7.4	0.6	4.4	15.0	8.4	1.6	5.0	63.0	35.6	2.0	25.4	23.7	13.9	1.3	8.5
February	120.5	68.4	4.3	47.8	11.1	7.7	0.5	2.9	16.7	9.8	1.4	5.5	65.1	36.0	1.4	27.7	27.7	14.9	0.9	11.9
March	128.9	73.7	4.9	50.3	11.9	8.4	0.6	3.0	18.9	12.1	1.4	5.4	71.0	38.4	1.8	30.7	27.1	14.8	1.1	11.3
April	135.1	78.4	4.1	52.6	11.9	7.9	0.5	3.5	19.5	13.4	1.3	4.8	72.1	40.0	1.5	30.6	31.7	17.1	0.9	13.7
May ¹	134.5	78.9	4.2	51.4	11.0	7.7	0.5	2.8	21.0	13.0	1.3	6.7	72.7	38.9	1.4	32.3	29.9	19.2	1.0	9.7
June ¹	136.9	79.0	5.4	52.4	12.7	8.9	0.8	3.0	22.4	14.1	1.7	6.6	73.9	40.1	1.6	32.2	28.0	16.0	1.3	10.7
AVERAGE RELATIVE STANDARD ERRORS¹																				
End of period .. (percent) ..	3	3	14	7	11	14	33	13	9	7	20	23	5	4	31	10	5	6	14	8

^PPreliminary. ^rRevised.

¹Average 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 ¹			Outside MSAs ¹			Northeast			Midwest			South			West			
	Total ²	In structures with—		Total ²	In structures with—		Total ²	In structures with—		Total ²	In structures with—		Total ²	In structures with—		Total ²	In structures with—		Total ²	In structures with—		
		1 unit	5 units or more		1 unit	5 units or more		1 unit	5 units or more		1 unit	5 units or more		1 unit	5 units or more		1 unit	5 units or more		1 unit	5 units or more	1 unit
ANNUAL DATA																						
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	
1997	1,474	1,134	296	1,221	923	267	253	211	29	137	111	21	304	238	48	670	507	151	363	278	76	
QUARTERLY DATA																						
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	419	325	83	342	260	74	77	65	9	36	31	5	92	74	14	190	143	43	101	77	21
	3rd quarter	400	315	75	328	252	68	72	62	7	40	33	6	88	72	12	177	134	39	96	75	18
	4th quarter	357	257	86	296	209	78	62	48	8	35	28	6	75	52	16	161	115	43	87	62	22
1998:	1st quarter	325	258	57	279	219	52	46	39	5	28	22	5	55	45	7	157	125	29	84	66	16
	2nd quarter ^P	447	358	77	368	287	80	71	6	40	34	4	97	82	11	201	158	39	110	84	22	
AVERAGE RELATIVE STANDARD ERRORS³																						
Annual	(percent)	1	1	2	1	1	2	3	3	10	1	1	6	2	2	7	2	2	4	1	1	2
Quarterly	(percent)	2	1	9	2	1	9	4	5	17	12	5	70	4	4	14	2	2	10	2	1	7

^PPreliminary. ^RRevised.

¹Metropolitan statistical areas.

²Includes units started in structures with two to four units.

³Average 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						
ANNUAL DATA																
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
1997	296.5	13.7	50.9	188.8	43.1	41,100	43,900	41,600	38,700	50,900	143.4	4.8	19.2	105.1	14.4	353.7
MONTHLY DATA																
Not Seasonally Adjusted																
1997: January	22.7	0.6	2.3	16.8	3.0	38,600	48,600	42,300	36,100	47,900	100.2	4.5	15.7	67.0	13.1	26.7
February	21.2	0.5	2.0	15.2	3.6	39,700	47,400	41,700	37,400	47,600	104.5	4.7	17.1	69.6	13.1	26.3
March	29.1	0.8	3.6	20.7	4.0	38,900	40,700	36,700	37,200	49,700	103.1	5.1	17.5	67.9	12.6	28.8
April	25.0	0.9	4.1	16.1	3.9	39,600	42,000	41,200	37,200	47,800	109.0	5.3	18.1	73.4	12.1	32.5
May	24.8	1.3	4.5	15.5	3.5	40,300	43,800	39,000	38,400	49,200	115.4	5.5	18.9	78.1	12.9	31.3
June	24.6	1.2	4.9	14.7	3.7	41,700	45,500	41,500	38,500	53,400	120.2	5.6	19.1	82.6	13.0	31.0
July	26.9	2.0	5.4	15.9	3.7	41,700	43,200	41,300	39,200	52,800	122.0	5.3	18.9	84.8	13.0	28.9
August	25.0	1.3	5.0	14.9	3.8	41,100	43,700	41,000	38,500	51,000	125.0	5.3	19.1	88.0	12.7	31.4
September	26.2	1.9	5.0	15.7	3.5	43,000	45,100	43,000	40,300	54,700	130.9	5.2	19.6	92.9	13.2	31.3
October	26.7	1.4	5.8	15.1	4.4	43,100	41,600	43,100	40,400	52,700	136.4	5.0	19.5	98.6	13.3	34.3
November	22.9	0.9	5.1	13.8	3.2	43,300	41,300	45,100	40,700	52,700	139.5	4.8	19.1	102.0	13.6	26.3
December	21.4	1.0	3.2	14.4	2.9	42,800	46,600	42,800	41,200	50,300	143.4	4.8	19.2	105.1	14.4	24.9
1998: January ^r	18.0	0.7	2.4	11.9	3.0	42,700	46,100	41,200	40,400	52,500	145.5	4.4	19.1	107.9	14.1	26.7
February ^r	19.8	0.4	2.7	13.9	2.8	40,900	49,600	42,500	39,000	48,800	152.5	4.9	20.3	112.0	15.4	27.7
March ^r	25.5	0.7	2.9	18.2	3.7	41,000	45,300	39,200	38,600	54,000	158.1	5.2	21.8	115.4	15.7	31.7
April ^p	26.2	0.7	3.9	18.2	3.4	42,700	40,700	42,500	40,900	53,600	162.4	5.6	22.2	118.6	15.9	33.2
May	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	31.3
Seasonally Adjusted¹																
1997: January	373	14	52	260	47	(X)	(X)	(X)	(X)	(X)	100	5	17	65	13	348
February	306	11	45	202	48	(X)	(X)	(X)	(X)	(X)	104	5	17	69	13	356
March	335	12	55	221	47	(X)	(X)	(X)	(X)	(X)	101	5	17	67	12	354
April	304	12	56	190	46	(X)	(X)	(X)	(X)	(X)	106	5	17	73	11	366
May	274	14	49	170	41	(X)	(X)	(X)	(X)	(X)	114	5	17	78	12	354
June	254	12	48	154	40	(X)	(X)	(X)	(X)	(X)	119	5	18	83	13	353
July	308	20	53	192	44	(X)	(X)	(X)	(X)	(X)	125	5	19	87	13	356
August	272	12	47	174	38	(X)	(X)	(X)	(X)	(X)	127	5	19	89	13	354
September	295	18	48	189	40	(X)	(X)	(X)	(X)	(X)	133	5	20	94	14	351
October	281	13	54	170	45	(X)	(X)	(X)	(X)	(X)	138	5	20	99	14	349
November	291	10	59	177	44	(X)	(X)	(X)	(X)	(X)	140	5	20	101	14	352
December	290	14	44	191	41	(X)	(X)	(X)	(X)	(X)	144	5	21	104	14	353
1998: January ^r	304	16	54	184	50	(X)	(X)	(X)	(X)	(X)	146	5	20	106	14	362
February ^r	291	9	58	187	38	(X)	(X)	(X)	(X)	(X)	152	5	20	111	15	377
March ^r	287	11	46	187	43	(X)	(X)	(X)	(X)	(X)	156	5	21	115	15	374
April ^p	313	9	52	211	41	(X)	(X)	(X)	(X)	(X)	160	5	21	118	15	370
May	(NA)	(NA)	(NA)	(NA)	(NA)	(X)	(X)	(X)	(X)	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	374
AVERAGE RELATIVE STANDARD ERRORS²																
Annual	4	17	9	5	9	3	13	6	4	7	(X) ₁	(X) ₈	(X) ₄	(X) ₂	(X) ₄	(X)
Monthly	4	16	8	5	10	2	11	5	3	6	(X) ₁	(X) ₈	(X) ₄	(X) ₂	(X) ₄	(X)

NA Not available. ^pPreliminary (does not apply to shipments). ^rRevised (does not apply to shipments). X Not applicable.

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

²Average 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).

Note: Sales prices of new mobile homes shown in this report are reported by dealers who are instructed to include dealer setup costs. In some cases, there may be additional costs to prepare units for occupancy not included in the sales prices reported.

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 ¹	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						
1998											
March	100.4	89.8	92.0	109.4	109.0	94.5	87.4	93.0	89.5	107.1	109.0
April ^f	112.5	107.9	118.2	115.5	109.0	106.8	107.3	111.8	114.8	113.8	108.1
May ^f	112.2	113.7	120.8	110.4	107.2	107.8	112.3	110.8	119.8	110.2	109.9
June ^p	118.5	124.2	131.9	114.3	125.2	123.8	106.6	123.1	127.6	111.8	119.7

^pPreliminary. ^fRevised.

¹The 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 ¹	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						
1998											
March	103.5	94.9	103.6	111.6	110.6	103.0	90.0	93.6	98.8	110.0	104.4
April	114.4	115.6	127.2	115.7	116.7	114.3	100.2	116.4	121.5	113.3	112.4
May ^f	106.8	117.8	121.5	105.6	106.9	103.1	96.0	114.1	115.6	104.0	101.0
June ^p	120.0	127.8	130.1	117.4	123.2	121.9	111.0	128.1	122.5	114.2	124.4

^pPreliminary. ^fRevised.

¹The 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 ¹	North-east	Midwest	South	West	United States implicit index ¹	North-east	Midwest	South	West	
1998											
January ^f	71.0	53.1	53.1	77.5	72.6	99.6	90.9	94.3	101.5	98.4	88.5
February ^f	81.6	55.8	55.8	89.3	88.7	100.4	95.4	99.4	100.5	103.5	88.2
March ^f	106.6	76.0	76.0	116.6	103.9	101.4	101.4	102.1	100.6	103.9	101.9
April ^p	100.4	89.3	89.3	103.7	99.6	101.6	107.6	105.8	100.1	106.2	107.8
May	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.6

NA Not available. ^pPreliminary (does not apply to shipments). ^fRevised (does not apply to shipments).

¹The 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.

Supplement.

Survey of New Mobile Home Placements

During the first quarter of 1998, an estimated 63,300 new mobile homes were placed for residential use. Of these, 27,300 were single-wide homes and 34,700 were double-wides. The average sales price of all homes placed in the first quarter was \$41,400. The average price of a single-wide home was \$28,400 compared with \$50,600 for double-wides. Average prices of all homes placed in the first quarter of 1998 ranged from \$39,200 in the South to \$52,000 in the West. The number of homes on dealer lots at the end of March 1998 was 158,100.

In this supplement, quarterly and annual data are provided for mobile homes placed, average sales prices, and dealers' inventories. These are shown for the United States and the four Census regions. The survey is conducted by the Bureau of the Census and sponsored by the Department of Housing and Urban Development.

The methodology for collecting information on new mobile homes for 1974 through 1979 involved contacting a sample of mobile home dealers each month within 137 geographic areas or primary sampling units. The dealers were requested to provide data on the number of mobile homes received from manufacturers, the number placed on a site for residential use, and the number held in inventory.

The methodology used after 1979 involves a monthly sample of new mobile homes shipped by manufacturers. The dealer to whom the sampled unit was shipped is contacted by telephone and asked about the status of the unit. This is done each month until that unit is reported as placed.

DEFINITIONS

A mobile home is defined as a movable dwelling, 8 feet or more wide and 40 feet or more long, designed to be towed on its own chassis, with transportation gear integral to the unit when it leaves the factory, and without need of a permanent foundation. These mobile homes include multi-wides, which are counted as single units, and expandable mobile homes. Excluded are travel trailers, motor homes, and modular housing.

Beginning in 1980, the average sales prices are computed from data for mobile homes sold at or before the time they are placed on a site. Prices (values) of mobile homes leased or sold after placement are not collected. The average sales price computation for mobile homes placed prior to 1980 included not only the sales price of those sold, but also the intended sales price of those for sale and the value of leased mobile homes.

RELATED STATISTICS

The series of shipments of mobile homes shown in Table 5 of this report are estimates of new mobile homes shipped by manufacturers each month. These estimates differ from mobile home placements (shown in this supplement and in Table 5) in that shipments to dealers may or may not be placed in the same month as they are shipped.

RELIABILITY OF ESTIMATES

The estimates in this supplement are based on a sample survey and may differ from the results that would have been obtained from a complete census using the same schedules and procedures. An estimate based on a sample survey is subject to both sampling error and nonsampling error. The accuracy of a survey result is determined by the joint effects of these errors. Sampling error reflects the fact that only a particular sample was surveyed rather than the entire population. Nonsampling errors can be attributed to many sources: inability to obtain information about all cases in the sample, definitional difficulties, differences in interpretation of questions, inability or unwillingness of respondents to provide correct information, and errors made in processing the data. These nonsampling errors also occur in complete censuses. Although no direct measurements of the biases have been obtained, it is believed that most of the important response and operational errors were detected in the course of reviewing the data for reasonableness and consistency. As derived for this report, the estimated relative standard errors include part of the effect of nonsampling errors, but do not measure any systematic biases in the data.

Each sample selected for the Survey of New Mobile Home Placements is one of a large number of similar probability samples that, by chance, might have been selected under the same specifications. Estimates derived from the different samples would differ from each other. The standard error, or sampling error, of a survey estimate is a measure of the precision with which an estimate from a particular sample approximates the average from all possible samples. Estimates of the standard errors for mobile home placements, average sales prices, and dealers' inventories have been computed from the sample data. They are presented in the tables in the form of average relative standard errors. The relative standard error equals the standard error divided by the estimated value to which it refers. For a more detailed description of sampling variability, see the appendix in the April 1998 Current Construction Reports, C20/98-4.

Table S-1. New Mobile Homes Placed for Residential Use

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

Period	United States			Northeast			Midwest			South			West		
	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide
ANNUAL DATA															
1988	224.3	128.4	94.2	22.7	14.9	7.8	39.1	25.6	13.5	130.7	80.6	49.9	31.8	7.4	23.1
1989	202.8	107.4	93.7	20.2	12.4	7.8	39.1	23.9	15.1	112.8	64.6	47.8	30.6	6.4	22.9
1990	195.4	103.8	89.5	18.8	12.1	6.7	37.7	22.9	14.7	108.4	62.7	44.8	30.6	6.1	23.3
1991	174.3	94.6	77.8	14.3	9.1	5.2	35.4	21.6	13.8	97.6	58.2	38.4	27.0	5.8	20.3
1992	212.0	114.5	95.5	15.0	8.3	6.7	42.2	25.3	16.9	124.4	73.4	50.1	30.4	7.4	21.9
1993	242.5	127.0	112.4	15.4	8.6	6.7	44.5	24.7	19.7	146.7	83.8	61.5	35.9	9.9	24.4
1994	286.1	146.0	135.9	16.2	9.0	7.1	53.0	27.5	25.3	174.4	98.8	73.9	42.5	10.6	29.5
1995	310.7	158.2	148.3	14.6	7.9	6.6	56.0	29.4	26.6	198.3	109.8	86.8	41.8	11.1	28.2
1996	319.7	154.1	160.3	15.4	7.8	7.6	56.6	27.0	29.4	205.1	108.3	94.2	42.6	11.0	29.2
1997	296.5	126.4	164.8	13.7	5.5	8.2	50.9	21.5	29.2	188.8	90.0	96.0	43.1	9.4	31.3
QUARTERLY DATA															
1991: 1st quarter	32.0	17.8	13.9	1.8	1.2	0.7	5.1	3.4	1.7	19.9	12.3	7.5	5.2	1.0	4.0
2nd quarter	46.5	26.0	20.1	3.6	2.5	1.2	10.1	6.1	3.9	25.7	15.8	9.5	7.1	1.5	5.4
3rd quarter	50.7	27.4	22.8	4.9	3.2	1.7	10.3	6.1	4.2	27.8	16.3	11.2	7.8	1.8	5.7
4th quarter	45.1	23.4	21.0	4.0	2.3	1.7	9.9	6.0	3.9	24.2	13.7	10.2	7.0	1.5	5.2
1992: 1st quarter	43.3	24.7	18.3	2.0	1.3	0.7	6.8	4.3	2.5	28.1	17.0	10.9	6.4	2.1	4.2
2nd quarter	55.2	30.1	24.6	3.9	2.2	1.7	11.8	7.6	4.1	31.5	18.5	12.8	8.0	1.9	5.9
3rd quarter	56.6	29.7	26.2	4.5	2.5	2.1	12.2	6.8	5.4	31.7	18.6	12.9	8.2	1.9	5.9
4th quarter	56.9	30.0	26.4	4.5	2.4	2.2	11.5	6.6	4.9	33.0	19.3	13.5	7.8	1.7	5.9
1993: 1st quarter	44.9	24.0	20.3	1.9	1.0	0.9	5.2	2.8	2.4	30.6	18.3	12.0	7.2	1.9	5.0
2nd quarter	66.4	35.4	30.2	5.1	3.2	1.8	12.4	7.1	5.3	39.4	22.1	16.9	9.5	2.9	6.2
3rd quarter	70.8	38.1	31.8	4.2	2.2	2.0	14.8	8.8	6.0	41.4	24.2	16.7	10.4	2.8	7.2
4th quarter	60.4	29.5	30.0	4.2	2.2	2.0	12.0	5.9	6.1	35.4	19.1	15.9	8.8	2.2	6.1
1994: 1st quarter	54.1	28.6	24.6	1.9	1.1	0.8	8.4	4.8	3.6	35.7	20.4	15.0	8.2	2.4	5.3
2nd quarter	78.9	41.4	36.5	4.1	2.2	1.9	14.2	7.8	6.4	48.9	28.5	19.8	11.7	2.8	8.3
3rd quarter	77.3	40.0	36.2	5.6	3.2	2.3	15.3	7.8	7.5	45.0	26.5	18.1	11.4	2.5	8.3
4th quarter	75.8	35.9	38.6	4.7	2.6	2.1	15.1	7.1	7.9	44.8	23.3	21.0	11.2	2.9	7.6
1995: 1st quarter	67.1	35.2	31.0	2.7	1.7	1.1	9.6	5.4	4.2	45.9	25.9	19.7	8.8	2.3	6.0
2nd quarter	84.2	45.2	38.1	3.5	2.0	1.5	14.3	8.2	6.2	55.5	32.0	23.1	10.9	3.0	7.4
3rd quarter	84.3	41.4	41.7	5.1	2.9	2.2	17.3	8.7	8.6	50.2	27.0	22.8	11.7	2.8	8.0
4th quarter	75.2	36.5	37.6	3.3	1.4	1.9	14.8	7.2	7.6	46.7	24.9	21.3	10.4	2.9	6.9
1996: 1st quarter	70.5	36.6	32.9	2.5	1.4	1.1	9.4	5.0	4.4	49.3	27.4	21.4	9.4	2.8	6.1
2nd quarter	83.1	40.8	41.0	4.0	2.1	1.9	15.0	7.8	7.2	52.5	28.0	24.0	11.5	2.9	7.8
3rd quarter	84.3	39.0	43.9	5.1	2.7	2.5	17.4	7.5	9.8	49.6	26.1	22.8	12.2	2.8	8.8
4th quarter	81.8	37.7	42.5	3.8	1.6	2.2	14.8	6.7	8.0	53.7	26.9	25.9	9.5	2.5	6.4
1997: 1st quarter	73.1	33.7	38.3	1.9	0.9	1.0	7.9	3.2	4.6	52.7	27.0	25.1	10.6	2.5	7.6
2nd quarter	74.4	33.6	39.3	3.4	1.5	1.8	13.5	6.4	7.0	46.4	22.8	22.8	11.2	2.9	7.6
3rd quarter	78.1	30.3	46.3	5.2	2.0	3.2	15.5	6.1	9.3	46.5	20.3	25.5	10.9	2.0	8.3
4th quarter	71.0	28.8	40.9	3.2	1.1	2.1	14.1	5.8	8.2	43.2	20.0	22.7	10.4	2.0	7.9
1998: 1st quarter	63.3	27.3	34.7	1.8	0.7	1.0	8.0	3.4	4.6	44.0	21.1	22.1	9.5	2.0	7.0
AVERAGE RELATIVE STANDARD ERRORS²															
Annual (percent) . .	1	1	1	5	9	5	2	4	3	1	2	1	2	7	3
Quarterly (percent) . .	2	4	2	9	8	10	5	9	5	3	5	3	5	16	5

¹Includes mobile homes with more than two sections.²Average 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 S-2. Average Sales Price of New Mobile Homes Placed for Residential Use
[Dollars]

Period	United States			Northeast			Midwest			South			West		
	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide
ANNUAL DATA															
1988	25,100	18,600	33,600	27,000	22,100	36,900	24,600	19,600	34,000	22,700	17,300	31,700	33,900	21,500	36,500
1989	27,200	19,600	35,700	30,200	24,200	39,900	26,700	20,900	35,600	24,100	17,900	32,700	37,800	22,300	40,800
1990	27,800	19,800	36,600	30,000	24,500	40,300	27,000	20,900	36,400	24,500	18,300	33,000	39,300	22,000	42,600
1991	27,700	19,900	36,900	30,400	23,900	42,300	27,600	21,400	37,000	24,500	18,300	33,600	38,600	23,700	41,500
1992	28,400	20,600	37,200	30,900	22,700	41,200	28,800	22,800	37,800	25,400	19,200	33,900	39,000	24,000	43,000
1993	30,500	21,900	39,600	32,000	23,800	42,700	31,400	24,400	40,100	27,700	20,600	37,100	40,500	25,400	44,600
1994	33,500	23,900	42,900	33,900	25,200	45,400	34,600	26,200	43,700	30,500	22,700	40,500	44,600	28,100	48,000
1995	36,300	26,700	45,900	37,600	28,600	48,600	36,600	28,200	46,100	34,000	25,700	44,100	46,800	31,000	50,700
1996	38,400	28,200	47,300	40,200	29,600	51,400	39,600	30,800	47,500	36,100	27,100	45,700	47,700	31,100	51,500
1997	41,100	29,000	49,500	43,900	31,700	51,700	41,600	30,900	49,400	38,700	28,100	47,900	50,900	32,000	54,100
QUARTERLY DATA															
1991: 1st quarter	26,600	18,700	36,300	27,400	20,500	43,100	25,700	20,400	35,900	23,600	17,600	33,400	39,100	24,300	41,200
2nd quarter	27,600	20,200	36,800	30,000	25,100	41,400	27,600	21,200	37,300	24,500	18,700	33,500	37,800	23,200	41,500
3rd quarter	28,000	20,200	36,900	31,400	24,400	44,600	28,100	22,000	36,800	24,400	18,300	33,200	38,600	23,600	42,000
4th quarter	28,400	20,000	37,200	31,000	23,700	40,300	27,900	21,700	37,500	25,300	18,300	34,500	38,900	24,000	41,300
1992: 1st quarter	26,700	19,900	35,800	27,800	21,100	39,900	26,500	21,000	36,500	24,500	19,100	33,100	36,500	23,800	42,000
2nd quarter	27,600	20,400	36,200	30,800	23,000	40,600	27,800	22,900	36,900	24,600	18,800	32,700	38,100	24,200	41,900
3rd quarter	29,100	21,000	37,600	32,500	24,200	42,600	29,800	23,400	37,700	25,500	19,500	33,800	40,600	23,800	44,100
4th quarter	29,700	20,900	38,600	30,600	21,500	40,700	30,300	23,500	39,400	26,800	19,600	35,700	40,200	24,100	43,500
1993: 1st quarter	28,700	20,300	38,000	31,000	21,300	42,200	30,000	22,500	39,100	26,000	19,500	35,600	38,800	23,800	42,400
2nd quarter	29,800	21,800	38,500	30,800	23,600	43,500	30,700	24,100	39,600	27,300	20,400	35,900	39,000	25,300	43,700
3rd quarter	30,900	22,000	40,700	32,500	23,700	42,500	31,200	25,000	40,400	28,000	20,400	38,700	41,000	25,500	45,200
4th quarter	32,300	23,100	40,500	33,500	25,600	42,300	33,000	24,800	40,600	29,300	21,900	38,000	42,900	27,100	46,400
1994: 1st quarter	32,100	22,700	42,200	33,500	25,600	45,800	32,700	25,300	42,900	29,300	21,400	39,800	44,600	27,900	48,300
2nd quarter	32,800	23,700	42,400	34,300	25,500	44,900	33,500	26,200	42,700	29,900	22,300	40,200	43,800	28,500	47,300
3rd quarter	33,600	24,300	43,100	33,900	24,800	46,000	35,500	26,600	44,700	30,100	23,200	39,700	45,000	28,000	48,200
4th quarter	34,900	24,500	43,700	33,700	25,400	45,000	35,800	26,400	44,000	32,400	23,500	41,900	45,100	28,000	48,400
1995: 1st quarter	34,800	25,300	45,000	36,000	27,700	49,700	34,500	26,800	45,000	32,800	24,500	43,500	45,300	30,200	49,000
2nd quarter	35,200	26,200	45,200	36,900	29,100	47,200	35,000	27,200	45,500	33,100	25,200	43,600	46,000	31,600	50,100
3rd quarter	36,800	26,700	45,900	37,200	28,300	48,900	37,300	28,400	46,400	34,100	25,700	43,800	47,700	30,600	50,800
4th quarter	38,300	28,500	47,200	40,200	29,400	48,700	38,800	30,100	46,900	36,000	27,600	45,400	48,000	31,600	52,700
1996: 1st quarter	36,600	27,200	46,000	37,200	27,100	51,200	37,700	29,100	47,900	34,700	26,500	44,400	45,100	31,000	49,600
2nd quarter	38,600	28,800	47,300	39,300	29,900	50,000	40,700	33,500	48,200	36,000	27,400	45,600	48,200	30,400	51,300
3rd quarter	39,000	28,200	47,900	40,700	30,400	52,000	39,700	30,300	46,800	36,500	27,100	46,500	48,200	31,100	51,800
4th quarter	39,100	28,300	47,800	42,600	30,400	51,900	39,500	29,600	47,400	37,100	27,500	46,300	49,100	32,300	53,300
1997: 1st quarter	39,000	28,100	47,700	45,000	33,400	55,300	39,500	28,200	48,100	36,900	27,700	46,200	48,500	31,100	51,900
2nd quarter	40,500	28,800	49,300	44,000	32,300	53,100	40,500	30,800	49,200	38,100	27,900	47,300	50,100	29,900	54,600
3rd quarter	42,000	28,900	49,600	44,000	31,200	51,600	41,700	30,300	49,000	39,400	27,900	47,800	52,800	33,600	55,100
4th quarter	43,100	30,200	51,300	42,900	30,400	49,000	43,700	33,200	50,800	40,800	29,000	50,600	52,100	34,400	54,700
1998: 1st quarter	41,400	28,400	50,600	46,600	33,800	54,600	40,900	29,800	49,500	39,200	27,800	49,200	52,000	30,600	55,900
AVERAGE RELATIVE STANDARD ERRORS²															
Annual (percent) . .	1	1	1	3	6	3	2	3	2	1	2	1	2	6	2
Quarterly (percent) . .	1	3	1	6	12	6	3	6	3	2	3	2	3	11	3

¹Includes mobile homes with more than two sections.

²Average 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).

Note: Sales prices of new mobile homes shown in this report are reported by dealers who are instructed to include dealer setup costs. In some cases, there may be additional costs to prepare units for occupancy not included in the sales prices reported.

Table S-3. **New Mobile Homes on Dealer Lots at End of Period**

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

Period	United States			Northeast			Midwest			South			West		
	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide	Total ¹	Single wide	Double wide
ANNUAL DATA															
1988	58.0	35.1	22.5	5.7	3.7	2.0	10.9	7.6	3.3	34.9	21.8	12.9	6.5	2.0	4.3
1989	55.5	33.3	22.0	5.5	3.6	1.9	10.6	7.1	3.5	33.1	20.7	12.3	6.3	1.9	4.3
1990	49.0	28.3	20.1	4.1	2.8	1.3	9.9	6.3	3.6	29.2	18.2	10.8	5.8	1.1	4.5
1991	49.3	28.9	20.1	4.4	2.8	1.6	10.0	6.7	3.2	29.1	18.0	10.9	5.9	1.4	4.4
1992	50.9	28.7	21.7	3.9	2.4	1.5	9.1	5.2	4.0	31.7	19.4	11.9	6.2	1.7	4.3
1993	61.4	34.6	26.1	4.2	2.4	1.8	10.6	6.2	4.4	39.2	24.3	14.7	7.3	1.7	5.2
1994	72.3	38.6	32.6	3.9	2.3	1.5	12.4	6.8	5.5	47.4	27.0	20.0	8.6	2.4	5.5
1995	91.0	48.2	41.7	4.6	2.5	2.1	15.9	8.2	7.6	58.0	33.8	23.7	12.5	3.6	8.3
1996	110.2	55.6	52.8	4.8	2.6	2.1	16.3	7.9	8.4	75.5	41.6	33.1	13.6	3.6	9.2
1997	143.4	66.7	74.2	4.8	2.6	2.2	19.2	9.2	9.9	105.1	51.4	52.3	14.4	3.6	9.8
QUARTERLY DATA															
1991: 1st quarter	52.8	29.9	22.3	4.8	3.4	1.4	11.3	7.2	4.0	29.5	17.9	11.3	7.2	1.3	5.6
2nd quarter	53.3	30.2	22.5	5.1	3.4	1.7	10.9	6.9	3.9	30.7	18.7	11.8	6.6	1.2	5.1
3rd quarter	50.6	29.1	21.0	4.6	2.9	1.7	11.2	7.5	3.7	29.2	17.9	11.1	5.6	0.8	4.5
4th quarter	49.3	28.9	20.1	4.4	2.8	1.6	10.0	6.7	3.2	29.1	18.0	10.9	5.9	1.4	4.4
1992: 1st quarter	50.5	27.9	22.2	4.6	2.6	1.9	10.7	6.8	3.9	28.6	17.2	11.2	6.6	1.3	5.1
2nd quarter	47.9	25.4	22.1	4.7	2.8	1.9	9.9	5.6	4.3	27.0	15.7	11.1	6.3	1.4	4.7
3rd quarter	47.3	25.1	21.6	4.5	2.7	1.8	8.6	4.7	3.9	28.4	16.5	11.6	5.8	1.2	4.3
4th quarter	50.9	28.7	21.7	3.9	2.4	1.5	9.1	5.2	4.0	31.7	19.4	11.9	6.2	1.7	4.3
1993: 1st quarter	60.6	33.6	26.3	4.6	2.9	1.7	12.5	7.1	5.4	36.4	21.8	14.2	7.1	1.8	5.0
2nd quarter	58.6	32.8	25.1	4.1	2.6	1.5	11.6	6.5	5.1	35.5	21.8	13.5	7.3	2.0	5.1
3rd quarter	55.1	30.0	24.4	4.6	2.9	1.7	10.1	5.3	4.8	34.2	20.5	13.4	6.2	1.3	4.5
4th quarter	61.4	34.6	26.1	4.2	2.4	1.8	10.6	6.2	4.4	39.2	24.3	14.7	7.3	1.7	5.2
1994: 1st quarter	70.2	37.9	31.4	4.6	2.8	1.8	13.4	7.6	5.8	43.2	25.3	17.6	9.0	2.3	6.3
2nd quarter	70.5	36.6	33.0	4.7	2.8	1.8	14.2	8.0	6.2	43.0	23.5	19.1	8.7	2.3	5.9
3rd quarter	70.0	35.7	33.0	4.1	2.5	1.6	13.3	7.3	6.1	44.3	23.8	20.0	8.3	2.1	5.3
4th quarter	72.3	38.6	32.6	3.9	2.3	1.5	12.4	6.8	5.5	47.4	27.0	20.0	8.6	2.4	5.5
1995: 1st quarter	76.6	39.8	35.5	4.3	2.7	1.5	14.5	7.3	7.2	47.5	27.0	20.2	10.3	2.8	6.6
2nd quarter	79.4	40.0	38.1	4.8	3.0	1.8	16.1	7.9	8.1	46.8	26.0	20.5	11.6	3.1	7.6
3rd quarter	80.0	41.7	37.2	4.3	2.3	1.9	14.7	7.6	7.1	49.7	28.7	20.7	11.4	3.2	7.5
4th quarter	91.0	48.2	41.7	4.6	2.5	2.1	15.9	8.2	7.6	58.0	33.8	23.7	12.5	3.6	8.3
1996: 1st quarter	88.5	45.6	41.8	4.8	2.6	2.3	16.8	8.7	8.0	55.5	31.1	23.8	11.5	3.1	7.8
2nd quarter	100.7	51.3	48.0	4.9	2.5	2.4	17.9	9.2	8.7	66.1	36.8	28.6	11.7	2.8	8.3
3rd quarter	108.5	55.3	51.5	5.2	2.7	2.4	16.9	8.5	8.3	74.7	41.0	32.9	11.7	3.1	7.9
4th quarter	110.2	55.6	52.8	4.8	2.6	2.1	16.3	7.9	8.4	75.5	41.6	33.1	13.6	3.6	9.2
1997: 1st quarter	103.1	50.9	50.6	5.1	2.7	2.3	17.5	8.4	9.1	67.9	36.3	30.9	12.6	3.5	8.3
2nd quarter	120.2	57.8	60.4	5.6	2.7	2.8	19.1	8.9	10.0	82.6	42.7	38.9	13.0	3.5	8.7
3rd quarter	130.9	62.1	66.5	5.2	2.7	2.5	19.6	9.5	10.0	92.9	46.7	45.0	13.2	3.2	9.0
4th quarter	143.4	66.7	74.2	4.8	2.6	2.2	19.2	9.2	9.9	105.1	51.4	52.3	14.4	3.6	9.8
1998: 1st quarter	158.1	71.9	83.4	5.2	2.6	2.5	21.8	9.6	12.0	115.4	56.0	57.9	15.7	3.6	10.9
AVERAGE RELATIVE STANDARD ERRORS²															
End of period . . . (percent) . .	1	3	2	8	13	10	4	7	5	2	3	2	4	11	5

¹Includes mobile homes with more than two sections.²Average Relative Standard Errors: Average for the latest 2-quarter period (quarter 1 through quarter 2 or quarter 3 through quarter 4).