



# Housing Starts

MARCH 1998

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

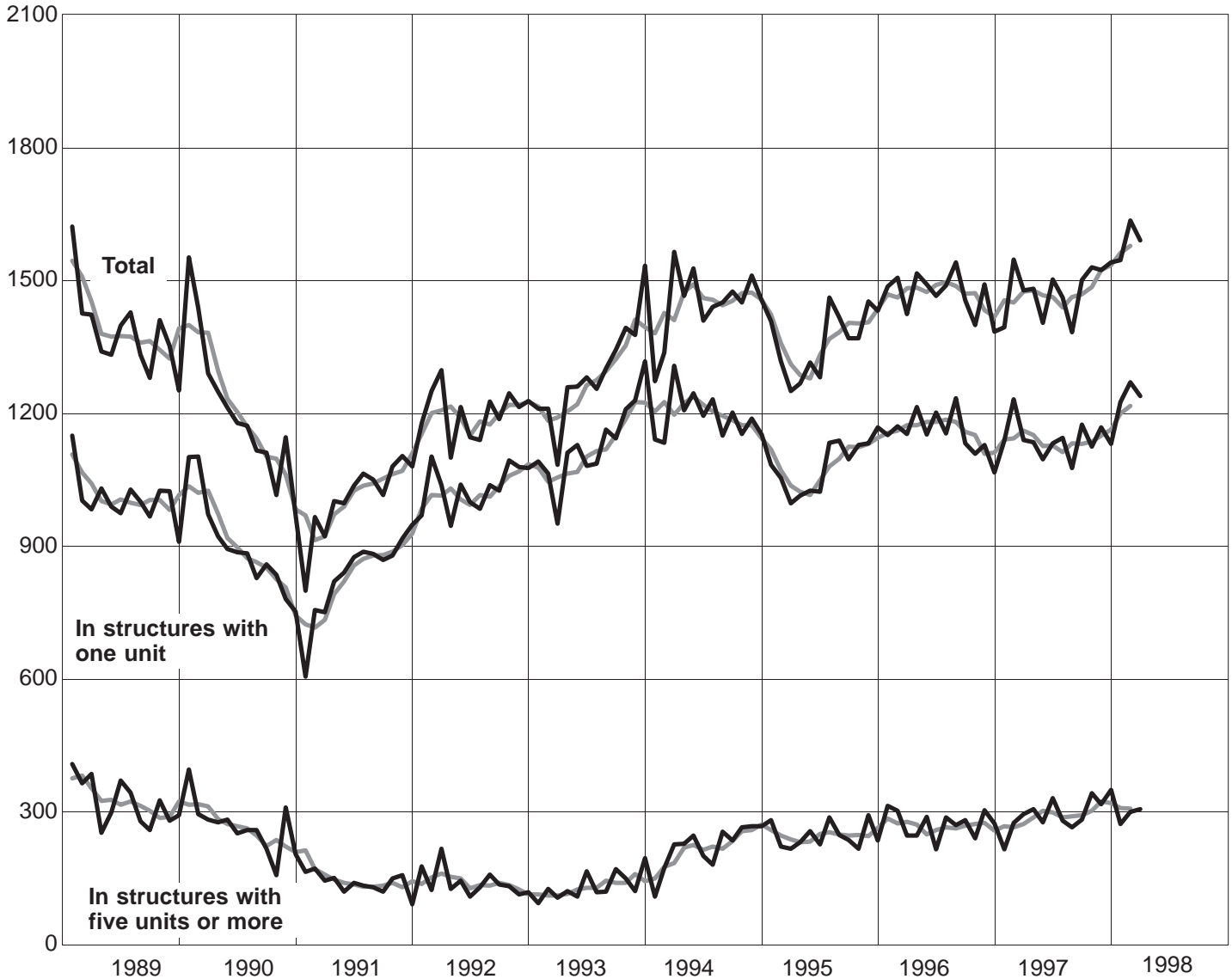
C20/98-3  
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This issue contains supplements on the total time from authorization of construction to start and from start of construction to completion of private residential buildings. Unadjusted statistics on new mobile home placements for 1997 and seasonally adjusted statistics for 1995 through 1997 have been revised (see Table 5 and Supplement 3).

## 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.

Questions regarding these data may be directed to **Erica Filipek**, Residential Construction Branch, Telephone 301-457-4703.

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## HOUSING STARTS AND BUILDING PERMITS

Privately owned housing starts in March were at a seasonally adjusted annual rate of 1,590,000. This is 3 ( $\pm 9$ ) percent below the revised February rate of 1,635,000, but 8 ( $\pm 6$ ) percent above the March 1997 rate of 1,477,000.

Single-family housing starts in March 1998 were at a rate of 1,238,000; this is 2 ( $\pm 5$ ) percent below the February figure of 1,269,000. The March rate for units in buildings with five units or more was 305,000. The March rate for units in buildings with two to four units was 47,000.

During the first 3 months of this year, 325,100 housing units were started compared with 297,200 units for the same period in 1997. This is an increase of 9 ( $\pm 4$ ) percent.

New privately owned housing construction was authorized in March in the 19,000 permit-issuing places at a seasonally adjusted annual rate of 1,584,000 units; this is 3 ( $\pm 1$ ) percent below the revised February rate of 1,625,000, but 9 ( $\pm 2$ ) percent above the March 1997 rate of 1,457,000.

Single-family authorizations in March 1998 were at a rate of 1,148,000; this is 1 ( $\pm 1$ ) percent below the February figure of 1,163,000. Authorizations of units in buildings with five units or more were at a rate of 362,000 in March; this is 7 percent below the February figure of 389,000. The March rate of permit-authorized units in buildings with two to four units was 74,000.

During the first 3 months of this year, 336,700 housing units were authorized by permits in the 19,000 places compared with 303,400 units for the same period in 1997. This is an increase of 11 ( $\pm 1$ ) 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 on 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 January 1998 Current Construction Reports, C20/98-1. 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 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).....	98-1	97-10	97-7	97-4	97-1
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).....	98-3	97-12	97-9	97-6	97-5

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>												
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	
<b>MONTHLY DATA</b>												
<b>Not Seasonally Adjusted</b>												
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 <sup>f</sup>	91.2	72.3	0.8	1.5	16.5	78.1	13.1	8.0	14.4	42.9	25.9	
February <sup>f</sup>	102.3	79.5	0.8	3.4	18.6	88.3	14.0	9.6	17.1	52.4	23.3	
March <sup>p</sup>	131.6	106.1	1.7	1.9	21.9	112.5	19.1	10.5	24.7	62.0	34.4	
Year to date: 1997	297.2	237.8	2.9	5.2	51.3	255.4	41.8	25.8	49.2	142.7	79.5	
1998	325.1	257.9	3.3	6.9	57.0	278.8	46.3	28.1	56.1	157.3	83.6	
<b>Seasonally Adjusted Annual Rate</b>												
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 <sup>f</sup>	1,545	1,225	49		271	(NA)	(NA)	159	342	665	379	
February <sup>f</sup>	1,635	1,269	67		299	(NA)	(NA)	202	364	726	343	
March <sup>p</sup>	1,590	1,238	47		305	(NA)	(NA)	142	338	718	392	
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>												
Annual	(percent)	1	1	6	9	2	1	3	1	2	2	1
Monthly	(percent)	3	3	13	21	7	2	9	6	4	3	2
Year to date	(percent)	2	1	9	17	8	2	5	13	4	2	2

NA Not available. <sup>p</sup>Preliminary. <sup>f</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—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	1,414	1,030	77	307	(NA)	(NA)	133	106	27	276	206	70	656	454	202	349	264	85	
August	1,397	1,027	66	304	(NA)	(NA)	134	104	30	283	210	73	614	450	164	366	263	103	
September	1,460	1,065	69	326	(NA)	(NA)	135	107	28	300	215	85	638	463	175	387	280	107	
October	1,487	1,087	77	323	(NA)	(NA)	126	109	17	286	210	76	684	482	202	391	286	105	
November	1,440	1,061	58	321	(NA)	(NA)	136	107	29	290	211	79	633	471	162	381	272	109	
December	1,482	1,071	92	319	(NA)	(NA)	154	112	42	316	233	83	620	461	159	392	265	127	
1998: January	1,526	1,133	72	321	(NA)	(NA)	169	125	44	334	253	81	647	482	165	376	273	103	
February <sup>2</sup>	1,625	1,163	73	389	(NA)	(NA)	178	137	41	354	264	90	708	501	207	385	261	124	
March <sup>3</sup>	1,584	1,148	74	362	(NA)	(NA)	151	125	26	312	232	80	739	507	232	382	284	98	
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>3</sup></b>																			
Annual . . . . . (percent) . .	1	1	2	3	1	(Z)	2	1	4	1	1	3	1	1	1	1	1	1	
Monthly . . . . . (percent) . .	1	1	5	7	2	(Z)	4	2	6	2	1	6	1	1	3	1	1	1	
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. <sup>P</sup>Preliminary. <sup>R</sup>Revised. 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
<b>END OF YEAR</b>																				
<b>14,000-Place Series</b>																				
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
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
<b>END OF MONTH</b>																				
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 <sup>f</sup> .....	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 <sup>f</sup> .....	119.2	68.4	3.7	47.1	11.1	7.8	0.4	2.9	16.7	10.3	1.2	5.2	64.2	35.6	1.3	27.3	27.2	14.7	0.8	11.7
March <sup>p</sup> .....	128.4	73.0	5.0	50.4	12.0	8.6	0.5	2.9	18.0	11.4	1.3	5.3	71.5	38.2	1.9	31.4	26.9	14.9	1.2	10.8
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>1</sup></b>																				
End of period . . . (percent) . .	3	3	10	6	9	14	38	9	9	8	16	28	4	4	18	8	5	7	14	7

<sup>p</sup>Preliminary. <sup>f</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			
	Total <sup>2</sup>	In structures with—		Total <sup>2</sup>	In structures with—		Total <sup>2</sup>	In structures with—		Total <sup>2</sup>	In structures with—		Total <sup>2</sup>	In structures with—		Total <sup>2</sup>	In structures with—		Total <sup>2</sup>	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
<b>ANNUAL DATA</b>																						
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	
<b>QUARTERLY DATA</b>																						
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 <sup>P</sup>	325	258	57	279	218	52	46	39	5	28	22	5	56	46	8	157	125	29	84	65	16
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>3</sup></b>																						
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)	1	1	3	1	1	3	5	5	16	4	3	21	3	3	9	2	3	4	2	2	4

<sup>P</sup>Preliminary.

<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 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>											
December .....	82.6	83.8	67.6	82.0	80.4	78.2	96.7	79.9	69.6	89.4	81.6
<b>1998</b>											
January <sup>f</sup> .....	70.8	60.9	52.3	76.7	82.3	57.2	72.9	60.6	50.5	77.8	82.4
February <sup>f</sup> .....	75.1	59.0	54.1	87.3	81.9	74.9	74.8	56.2	55.9	85.7	80.9
March <sup>p</sup> .....	99.3	87.4	91.8	108.8	108.1	90.5	86.1	91.3	89.8	106.4	108.2

<sup>p</sup>Preliminary. <sup>f</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>											
December .....	87.1	83.4	70.6	84.8	84.3	80.0	108.3	83.7	79.3	91.6	89.6
<b>1998</b>											
January .....	74.3	64.1	49.6	84.8	75.2	67.1	78.9	67.1	52.0	83.7	75.4
February <sup>f</sup> .....	78.0	59.9	63.0	89.5	85.1	76.2	75.1	57.4	61.7	86.3	81.9
March <sup>p</sup> .....	103.4	95.0	103.6	111.5	110.1	103.3	89.5	93.7	98.8	109.3	104.3

<sup>p</sup>Preliminary. <sup>f</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>											
October <sup>f</sup> .....	114.0	129.4	129.4	106.6	118.5	98.8	99.9	96.2	99.6	95.3	118.1
November <sup>f</sup> .....	94.4	102.9	102.9	93.3	87.4	99.6	96.5	94.3	101.1	97.1	89.7
December <sup>f</sup> .....	88.6	86.7	86.7	90.7	83.9	99.6	94.5	93.3	100.9	99.9	84.4
<b>1998</b>											
January <sup>p</sup> .....	70.8	52.6	52.6	77.2	74.8	101.2	92.3	94.5	102.5	99.5	88.5
February .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	88.2

NA Not available. <sup>p</sup>Preliminary (does not apply to shipments). <sup>f</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.

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## Supplement 1.

# Total Time From Authorization of Construction to Start of Private Residential Buildings

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This supplement contains annual statistics on the length of time from authorization of construction to start of new private residential buildings in permit-issuing places. Data are obtained from the Bureau of the Census' Survey of Construction.

For the purpose of this survey, a housing unit is considered authorized when a building permit is issued for construction of the unit. A housing unit is considered started when excavation begins for the footings or foundation. In a multifamily building, all housing units are defined as being started when excavation for the building has begun.

Table S1-1 shows the estimated average number of months it takes to start construction on a residential building once the permit has been issued. Table S1-2 shows a percentage distribution for 1997 of buildings started by the number of months from authorization. Data for Tables S1-1 and S1-2 are shown for the United States and the four census regions by the number of housing units in the building.

Since the Survey of Construction is designed to collect data on a monthly basis, it can only be determined in what month a building was authorized or started rather than the precise day. For example, buildings started on August 1 or August 31 would be counted as starting in August. Because of this, it is assumed for this supplement that a building

authorized and started in the same month was started immediately after the permit was issued. Buildings started in the first month after authorization took the full month to begin; those started in the second month after authorization took 2 months; those started in the third month after authorization took 3 months, and so on.

These estimates 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. Estimates of the standard errors have been computed from the sample data. They are presented in the tables in the form of relative standard errors. The relative standard error equals the standard error divided by the estimated value to which it refers. The average relative standard errors shown in Table S1-1 are averages of the estimated relative standard errors for the most recent two years. The relative standard errors of estimated percentages in Table S1-2 are shown in Table S1-3. Where estimates involve small numbers of units, the relative standard errors may be very large, indicating that extra care should be taken when interpreting the results. For a more detailed description of sampling variability, see the appendix to Current Construction Reports, C20/98-1.

**Table S1-1. Average Number of Months From Authorization to Start of New Buildings Started by Location and Type of Structure**

Year	United States			Northeast			Midwest			South			West		
	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
1988 .....	0.8	1.3	1.6	1.1	2.2	1.3	0.4	0.4	0.6	0.8	1.2	2.2	0.7	1.4	1.5
1989 .....	0.8	1.5	2.0	1.2	2.7	2.2	0.4	0.6	1.0	0.8	0.8	2.6	0.8	1.8	1.8
1990 .....	0.8	1.5	2.2	1.4	2.7	3.7	0.4	0.5	1.1	0.9	2.0	2.7	0.9	1.6	2.0
1991 .....	0.8	1.5	1.8	1.3	2.1	3.2	0.4	0.9	1.0	0.9	0.8	2.2	0.9	1.9	2.0
1992 .....	0.8	0.9	2.0	1.3	1.5	2.4	0.4	0.5	1.6	0.8	1.0	2.1	0.9	0.8	2.2
1993 .....	0.8	1.2	1.6	1.3	2.6	1.9	0.5	0.7	0.8	0.9	0.9	1.9	0.7	1.1	1.5
1994 .....	0.7	1.1	1.8	1.2	1.7	2.4	0.4	0.7	1.1	0.9	0.8	2.2	0.6	1.0	1.5
1995 .....	0.7	1.1	1.6	1.0	2.2	2.2	0.5	0.7	0.4	0.8	0.7	2.0	0.5	1.0	1.8
1996 .....	0.7	1.3	1.8	1.0	1.8	1.2	0.6	0.5	1.3	0.9	1.0	2.3	0.6	1.2	1.4
1997 .....	0.7	0.8	1.9	0.9	1.2	2.2	0.5	0.6	0.7	0.8	0.8	2.7	0.5	0.9	0.9
Average relative standard errors ..... (percent) ..	4	12	4	10	20	11	8	26	21	5	32	5	9	14	10

**Table S1-2. Percentage Distribution of New Buildings Started in 1997 by Number of Months From Authorization and by Location and Type of Structure**

[Percents may not add to 100 because of rounding]

Period	United States			Northeast			Midwest			South			West		
	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
Prior to authorization or same month as authorization .....	59	56	40	57	40	40	63	63	58	54	62	27	63	53	57
1 month .....	31	27	23	29	32	13	29	29	26	34	23	24	28	27	22
2 months .....	6	8	11	7	19	18	5	3	8	7	4	12	5	9	9
3 months .....	2	3	7	3	3	10	1	1	3	2	3	9	2	7	5
4 months .....	1	1	4	1	1	5	1	(Z)	2	1	2	6	1	2	2
5 or 6 months .....	1	1	7	1	5	3	1	1	2	1	1	12	1	2	2
7 months or more.....	1	3	7	2	4	12	1	3	1	1	5	10	1	1	2

Z Less than 0.5 percent.

**Table S1-3. Relative Standard Errors of Percentage Distribution of New Buildings Started in 1997 by Number of Months From Authorization and by Location and Type of Structure**

Period	United States			Northeast			Midwest			South			West		
	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
Prior to authorization or same month as authorization .....	1	5	5	3	13	25	2	10	9	2	9	9	3	9	6
1 month .....	2	10	6	6	13	31	5	21	14	3	20	8	3	14	9
2 months .....	4	15	9	13	17	59	9	62	43	6	28	10	9	34	11
3 months .....	7	22	9	14	69	31	20	87	36	10	56	10	11	22	23
4 months .....	9	51	15	22	25	41	20	(X)	55	14	99	20	13	67	13
5 or 6 months .....	9	43	10	19	(A)	24	20	(A)	28	15	83	11	16	23	29
7 months or more.....	10	30	10	26	42	27	24	50	34	12	55	11	23	91	27

A Relative standard error of 100 percent or more. The estimate should be used with caution because a high standard indicates lack of precision in the estimate.  
X Not applicable.

## Supplement 2.

# Total Time From Start of Construction to Completion of Private Residential Buildings

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This supplement contains annual statistics on the length of time from start of construction to completion of new private residential buildings. Data are obtained from the Bureau of the Census' Survey of Construction.

For the purpose of this survey, a housing unit is considered started when excavation begins for the footings or foundation. In a multifamily building, all housing units are defined as being started when excavation for the building has begun. One-family houses are classified as completed either when all finish flooring has been installed (or carpeting, if used in place of finish flooring) or when occupied. All of the units in a multifamily building are considered as completed when 50 percent or more of the units are occupied or available for occupancy.

Table S2-1 shows the estimated average number of months it takes to build a one-family house in the United States, by the four census regions, and by purpose of construction. By "purpose of construction," we mean that one-family houses are classified as either *built for sale* (houses built where the house and lot are both to be included in the sales transaction), *contractor-built* (houses built on the owner's land under the supervision of a single general contractor), or *owner-built* (houses built on the owner's land under the supervision of the owner). The United States and regional data include a small number of houses built for rent.

Table S2-2 shows the estimated average number of months it takes to build multifamily buildings by the number of units in the building; data are shown for buildings with five units or more for the United States and the four census regions in Table S2-3. Table S2-4 shows a percentage distribution for 1997 of buildings completed by the number of months from start and the number of units in the building.

Since the Survey of Construction is designed to collect data on a monthly basis, it can only be determined in what month a building was started or completed rather than the precise day. For example, buildings started on June 1 or June 30 would both be counted as starting in June. Because of this, it is assumed for this supplement that a building started and completed in the same month took the full month to build. Buildings completed in the first month after start took 1.5 months; those completed in the second month after start took 2.5 months; those completed in the third month after start took 3.0 months; those completed in the fourth month after start took 4.0 months, and so on.

These estimates 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. Estimates of the standard errors have been computed from the sample data. They are presented in the tables in the form of relative standard errors. The relative standard error equals the standard error divided by the estimated value to which it refers. The average relative standard errors shown in Tables S2-1, S2-2, and S2-3 are averages of the estimated relative standard errors for the most recent two years. The relative standard errors of estimated percentages in Table S2-4 are shown in Table S2-5. Where estimates involve small numbers of units, the relative standard errors may be very large, indicating that extra care should be taken when interpreting the results. For a more detailed description of sampling variability, see the appendix to Current Construction Reports, C20/98-1.

Table S2-1. Average Number of Months From Start to Completion of New One-Family Houses Completed by Region and Purpose of Construction

Year	United States	Region				Construction purpose		
		Northeast	Midwest	South	West	Built for sale	Contractor built	Owner built
1988.....	6.5	8.8	5.8	5.7	6.6	5.8	5.3	10.4
1989.....	6.4	9.3	5.8	5.6	6.5	5.9	5.3	10.2
1990.....	6.4	9.3	5.6	5.7	6.9	5.9	5.3	10.3
1991.....	6.3	8.9	5.6	5.5	6.9	5.6	5.1	10.2
1992.....	5.8	7.6	5.6	5.1	6.1	5.0	5.0	9.5
1993.....	5.6	7.2	5.5	5.2	6.0	4.9	5.4	9.0
1994.....	5.6	7.1	5.7	5.3	5.6	4.9	5.3	9.1
1995.....	5.9	7.4	6.0	5.4	6.0	5.2	5.8	9.5
1996.....	6.0	8.2	6.1	5.6	5.6	5.2	5.8	9.9
1997.....	6.0	7.3	6.2	5.6	5.8	5.2	5.9	9.8
Average relative standard errors .....(percent) . .	1	2	3	3	3	1	3	5

Table S2-2. Average Number of Months From Start to Completion of New Multifamily Buildings Completed by Number of Units in the Building

Year	Buildings with 2 to 4 units	Buildings with 5 units or more					
		Total	5 to 9 units	10 to 19 units	20 to 29 units	30 to 49 units	50 units or more
1988.....	8.1	9.5	9.1	9.4	9.9	10.9	15.6
1989.....	8.0	9.3	8.9	9.3	9.4	10.3	13.7
1990.....	7.6	9.4	9.2	9.3	9.1	11.4	15.6
1991.....	8.5	9.7	9.2	10.4	8.8	10.5	14.2
1992.....	7.1	9.1	8.6	8.8	11.0	9.7	15.2
1993.....	7.4	8.6	7.6	9.5	9.3	11.0	14.7
1994.....	7.3	9.3	8.2	11.0	8.8	9.8	13.3
1995.....	6.8	9.1	8.6	9.5	9.4	9.8	12.9
1996.....	7.5	8.9	8.6	8.9	10.4	9.8	10.8
1997.....	7.5	9.2	8.5	9.3	10.1	11.2	12.7
Average relative standard errors .....(percent) . .	3	2	2	2	3	5	3

Table S2-3. Average Number of Months From Start to Completion of New Buildings Completed with 5 Units or More by Region

Year	United States	Region			
		Northeast	Midwest	South	West
1988.....	9.5	11.6	8.0	8.8	10.1
1989.....	9.3	11.4	8.0	8.4	10.0
1990.....	9.4	11.4	8.2	7.9	10.7
1991.....	9.7	12.8	8.0	8.4	11.3
1992.....	9.1	20.2	6.8	7.7	10.4
1993.....	8.6	8.0	8.0	7.8	10.1
1994.....	9.3	26.6	7.9	7.6	8.6
1995.....	9.1	19.9	8.2	8.4	8.9
1996.....	8.9	8.9	8.1	9.1	9.1
1997.....	9.2	8.7	8.8	9.1	9.6
Average relative standard errors .....(percent) . .	2	4	3	3	2

**Table S2-4. Percentage Distribution of New Buildings Completed in 1997 by Number of Months From Start and by Number of Units in the Building**

[Percents may not add to 100 because of rounding]

Period	Buildings with 1 unit	Buildings with 2 to 4 units	Buildings with 5 units or more					
			Total	5 to 9 units	10 to 19 units	20 to 29 units	30 to 49 units	50 units or more
2 months or less .....	10	2	1	1	(Z)	1	(Z)	(Z)
3 months.....	16	8	2	1	2	1	3	(Z)
4 months.....	20	12	4	5	4	1	3	(Z)
5 months.....	17	13	8	11	7	5	5	1
6 months.....	11	15	12	17	9	7	8	11
7 months.....	7	10	13	14	15	10	7	3
8 months.....	5	8	13	16	10	12	6	6
9 months.....	4	9	10	7	13	13	15	6
10 months.....	3	5	9	9	10	9	7	3
11 months.....	2	3	6	4	7	7	5	12
12 months.....	1	4	5	3	8	12	5	16
13 to 18 months .....	3	6	14	11	12	20	32	30
19 to 24 months .....	1	2	2	2	2	1	3	8
25 months or more .....	1	1	1	1	1	1	2	2

Z Less than 0.5 percent.

**Table S2-5. Relative Standard Errors of Percentage Distribution of New Buildings Completed in 1997, by Number of Months From Start and by Number of Units in the Building**

Period	Buildings with 1 unit	Buildings with 2 to 4 units	Buildings with 5 units or more					
			Total	5 to 9 units	10 to 19 units	20 to 29 units	30 to 49 units	50 units or more
2 months or less .....	5	45	31	38	32	68	(X)	(X)
3 months.....	3	22	18	18	30	47	73	(X)
4 months.....	2	16	14	19	19	15	58	(X)
5 months.....	3	19	12	14	19	22	36	(A)
6 months.....	3	15	11	15	13	15	23	34
7 months.....	4	14	7	11	10	13	31	28
8 months.....	4	23	8	15	8	13	26	43
9 months.....	6	24	8	12	12	17	35	28
10 months.....	6	24	9	18	12	9	23	16
11 months.....	7	25	8	14	12	10	20	58
12 months.....	10	35	12	15	21	10	22	42
13 to 18 months .....	5	18	6	13	9	13	21	16
19 to 24 months .....	10	43	23	29	37	17	18	18
25 months or more .....	11	55	31	53	(A)	(A)	(A)	27

A Relative standard error of 100 percent or more. The estimate should be used with caution because a high standard indicates lack of precision in the estimate. X Not applicable.

## Supplement 3.

# Survey of New Mobile Home Placements

During the fourth quarter of 1997, an estimated 71,000 new mobile homes were placed for residential use. Of these, 28,800 were single-wide homes and 40,900 were double-wides. The average sales price of all homes placed in the fourth quarter was \$43,100. The average price of a single-wide home was \$30,200 compared with \$51,300 for double-wides. The number of homes on dealer lots at the end of December 1997 was 143,400.

The total number of mobile homes placed for residential use in 1997 was 296,500. Of these, 126,400 were single-wide homes and 164,800 were double-wides. The average sales price of all mobile homes placed in 1997 was \$41,100. Average prices ranged from \$38,700 in the South to \$50,900 in the West.

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 to Current Construction Reports, C20/98-1.

Table S3-1. 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 <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide
<b>ANNUAL DATA</b>															
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
<b>QUARTERLY DATA</b>															
1990:															
1st quarter	38.9	21.4	17.1	2.0	1.2	0.8	5.8	4.0	1.7	25.1	14.8	10.3	6.0	1.4	4.3
2nd quarter	56.3	30.4	25.4	5.8	3.7	2.1	11.5	7.4	4.1	30.2	17.7	12.3	8.8	1.6	6.9
3rd quarter	55.1	29.0	25.3	6.9	4.6	2.2	11.1	6.5	4.6	28.5	16.3	11.8	8.6	1.5	6.7
4th quarter	45.2	23.0	21.6	4.2	2.6	1.6	9.3	5.0	4.3	24.6	13.9	10.4	7.2	1.5	5.3
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 <sup>r</sup>	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 <sup>r</sup>	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 <sup>r</sup>	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 <sup>r</sup>	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
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>															
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

<sup>r</sup>Revised.<sup>1</sup>Includes mobile homes with more than two sections.<sup>2</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 S3-2. Average Sales Price of New Mobile Homes Placed for Residential Use  
[Dollars]

Period	United States			Northeast			Midwest			South			West		
	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide
<b>ANNUAL DATA</b>															
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
<b>QUARTERLY DATA</b>															
1990: 1st quarter	26,700	19,200	36,100	31,200	25,600	39,600	25,300	19,800	37,700	24,000	18,300	32,700	37,900	21,000	42,800
2nd quarter	27,600	19,900	36,500	30,000	24,200	40,700	26,200	21,000	35,500	24,400	18,600	32,800	39,100	20,900	42,600
3rd quarter	28,000	20,000	36,600	29,300	24,400	39,900	27,200	20,900	36,100	24,700	18,300	33,300	39,000	22,000	41,500
4th quarter	28,600	19,900	37,100	30,400	24,600	40,600	28,700	21,600	37,000	24,800	18,000	33,300	41,100	24,200	43,800
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 <sup>f</sup>	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 <sup>f</sup>	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 <sup>f</sup>	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 <sup>f</sup>	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
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>															
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

<sup>f</sup>Revised.

<sup>1</sup>Includes mobile homes with more than two sections.

<sup>2</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 S3-3. 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 <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide	Total <sup>1</sup>	Single wide	Double wide
<b>ANNUAL DATA</b>															
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
<b>QUARTERLY DATA</b>															
1990:															
1st quarter	59.0	34.3	24.2	6.5	4.2	2.3	12.3	8.1	4.2	33.2	20.4	12.6	6.9	1.6	5.1
2nd quarter	55.4	31.6	23.2	6.2	4.1	2.1	11.3	7.0	4.2	31.5	19.2	11.9	6.4	1.3	4.9
3rd quarter	49.8	28.5	20.8	4.3	2.7	1.6	10.8	6.8	4.0	29.1	17.9	11.0	5.5	1.0	4.2
4th quarter	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:															
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 <sup>f</sup>	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 <sup>f</sup>	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 <sup>f</sup>	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
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>															
End of period . . . (percent) . .	1	3	2	8	13	10	4	7	5	2	3	2	4	11	5

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