

# Housing Completions

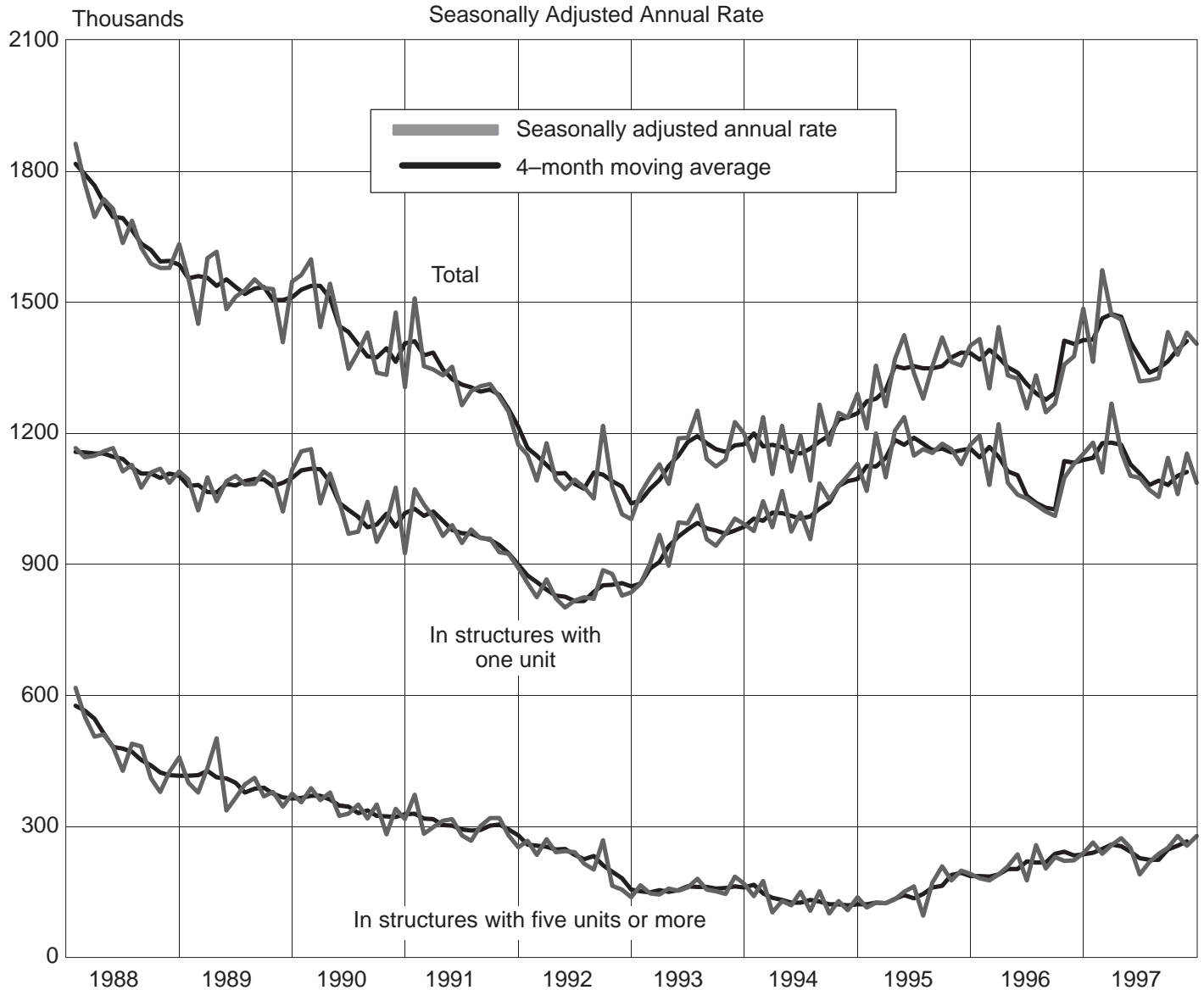
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U.S. Department of Housing and  
Urban Development

DECEMBER 1997

C22/97-12  
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## New Privately Owned Housing Units Completed



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

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

Questions regarding these data may be directed to **Dale R. Jacobson**, Residential Construction Branch, Telephone 301-457-4703.

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## SUMMARY OF FINDINGS

This report provides monthly statistics on the number of new privately owned housing units completed and under construction. This report is released jointly by the Bureau of the Census and the U.S. Department of Housing and Urban Development.

Privately owned housing units were completed in December 1997 at a seasonally adjusted annual rate of 1,403,000. This is 2 ( $\pm 6$ ) percent below the revised November rate of 1,429,000, and 5 ( $\pm 5$ ) percent below the December 1996 rate of 1,484,000.

The December 1997 rate of single-family housing completions was 1,085,000, 6 ( $\pm 8$ ) percent above the revised November rate of 1,152,000. The rate for units in buildings with five units or more was 276,000, and the rate for units in buildings with two to four units was 42,000.

During 1997, 1,397,800 housing units were completed. In 1996, 1,412,900 units were completed. This is a decrease of 1 ( $\pm 2$ ) percent.

The seasonally adjusted estimate of housing units under construction at the end of December was 869,000, 1 ( $\pm 1$ ) percent above the revised November estimate of 857,000. Of these, 578,000 were single-family structures, 261,000 were in buildings with five units or more, and 30,000 were in buildings with two to four units.

In interpreting changes in the seasonally adjusted rates of housing completions, note that month-to-month changes may reflect movements which may be irregular. It may take 4 months to establish an underlying trend for total completions.

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 for percent changes are 90-percent confidence intervals and account only for sampling variability. If a range contains zero, it is unclear 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. The January 1997 issue of Current Construction Reports, C22/97-1, includes explanations of confidence intervals and sampling variability. On average, the preliminary seasonally adjusted estimates of total housing completions are revised about  $\pm 1$  percent.

Housing completions and under construction statistics do not include mobile home units.

## HISTORICAL DATA

Housing completions data have been collected since 1968. Housing starts are available from 1889 to the present date. Historical data for all these series are available from the Residential Construction Branch, Manufacturing and Construction Division, Bureau of the Census, Washington, DC 20233-6900. Telephone: 301-457-4666.

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

[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	1,529.8	1,084.6	23.5	33.2	388.6	1,286.1	243.7	250.2	280.3	594.8	404.6
1989	1,422.8	1,026.3	24.1	34.6	337.9	1,181.2	241.7	218.8	267.1	549.4	387.5
1990	1,308.0	966.0	16.5	28.2	297.3	1,060.2	247.7	157.7	263.3	510.7	376.3
1991	1,090.8	837.6	16.9	19.7	216.6	862.1	228.7	120.1	240.4	438.9	291.3
1992	1,157.5	963.6	15.1	20.8	158.0	909.5	248.0	136.4	268.4	462.4	290.3
1993	1,192.7	1,039.4	9.5	16.7	127.1	943.0	249.8	117.6	273.3	512.0	290.0
1994	1,346.9	1,160.3	12.1	19.5	154.9	1,086.3	260.6	123.4	307.1	580.9	335.5
1995	1,312.6	1,065.5	14.8	19.8	212.4	1,065.0	247.6	126.9	287.9	581.1	316.7
1996	1,412.9	1,128.5	13.6	19.5	251.3	1,163.4	249.4	125.1	304.5	637.1	346.2
1997 <sup>P</sup>	1,397.8	1,114.8	13.8	23.4	245.8	1,150.8	247.1	134.2	295.6	632.1	336.0
<b>MONTHLY DATA</b>											
<b>Not Seasonally Adjusted</b>											
1996: January	99.3	79.4	0.6	1.4	17.9	81.9	17.4	8.4	21.0	43.9	26.0
February	91.0	72.3	0.7	1.4	16.6	76.3	14.7	9.2	15.2	41.9	24.7
March	103.1	83.7	0.6	1.8	17.1	85.2	17.9	6.6	20.0	49.7	26.8
April	101.9	80.3	0.7	1.4	19.4	86.4	15.6	8.8	22.9	45.9	24.3
May	114.6	91.9	0.9	1.0	20.7	97.0	17.6	9.2	22.6	53.3	29.5
June	125.9	98.0	1.0	1.0	25.9	102.0	23.9	10.9	27.8	56.6	30.5
July	126.3	97.6	1.0	1.9	25.9	104.3	22.0	9.3	29.9	56.3	30.8
August	134.1	104.1	1.8	2.1	26.1	111.0	23.1	11.0	30.3	61.4	31.4
September	122.1	99.6	1.2	2.3	19.0	98.4	23.7	11.7	27.4	51.3	31.7
October	129.9	108.5	1.0	1.0	19.4	105.1	24.8	13.2	27.1	59.7	30.0
November	122.7	99.2	2.5	2.0	19.1	98.3	24.4	13.5	30.0	52.3	27.0
December	141.8	113.9	1.4	2.4	24.2	117.6	24.3	13.3	30.3	64.7	33.6
1997: January	95.7	78.9	0.3	1.0	15.5	79.1	16.6	8.5	21.2	41.6	24.4
February	104.8	84.8	1.1	2.3	16.7	85.7	19.1	10.5	20.5	49.0	24.7
March	109.6	87.4	1.2	2.4	18.6	90.7	19.0	13.4	19.0	51.9	25.4
April	110.8	86.8	1.4	2.7	19.8	89.4	21.4	8.6	23.1	52.8	26.2
May	113.6	90.1	1.3	1.7	20.4	93.8	19.8	12.7	22.8	49.0	29.0
June	113.8	94.2	1.1	1.5	17.0	95.9	18.0	10.7	24.5	50.4	28.3
July	112.8	89.2	0.8	2.3	20.5	94.6	18.2	11.3	24.3	49.7	27.5
August	121.2	94.3	1.5	1.6	23.8	100.0	21.2	10.2	28.7	52.6	29.8
September	129.3	103.5	1.0	2.7	22.1	107.4	22.0	13.1	28.4	60.7	27.1
October <sup>r</sup>	128.8	100.3	1.1	2.2	25.2	101.9	26.9	11.4	29.2	57.3	30.9
November <sup>r</sup>	123.2	100.7	1.3	0.9	20.4	101.7	21.6	11.4	27.4	54.7	29.7
December <sup>P</sup>	134.1	104.6	1.5	2.2	25.8	110.7	23.4	12.2	26.5	62.3	33.1
<b>Seasonally Adjusted Annual Rate</b>											
1996: January	1,427	1,130	28		269	(NA)	(NA)	114	332	622	359
February	1,329	1,050	31		248	(NA)	(NA)	137	247	592	353
March	1,382	1,102	28		252	(NA)	(NA)	97	303	627	355
April	1,351	1,074	26		251	(NA)	(NA)	117	302	612	320
May	1,409	1,124	25		260	(NA)	(NA)	118	283	645	363
June	1,426	1,137	24		265	(NA)	(NA)	127	304	639	356
July	1,463	1,161	30		272	(NA)	(NA)	105	351	656	351
August	1,449	1,153	43		253	(NA)	(NA)	126	313	661	349
September	1,356	1,097	40		219	(NA)	(NA)	132	285	586	353
October	1,375	1,129	26		220	(NA)	(NA)	131	274	642	328
November	1,431	1,151	43		237	(NA)	(NA)	144	328	639	320
December	1,484	1,177	45		262	(NA)	(NA)	137	322	681	344
1997: January	1,362	1,109	18		235	(NA)	(NA)	117	316	588	341
February	1,572	1,267	50		255	(NA)	(NA)	163	338	715	356
March	1,471	1,156	44		271	(NA)	(NA)	193	290	654	334
April	1,460	1,158	50		252	(NA)	(NA)	120	302	691	347
May	1,388	1,101	38		249	(NA)	(NA)	161	286	596	345
June	1,317	1,095	34		188	(NA)	(NA)	126	276	582	333
July	1,320	1,069	34		217	(NA)	(NA)	128	288	585	319
August	1,325	1,053	36		236	(NA)	(NA)	121	299	575	330
September	1,431	1,142	40		249	(NA)	(NA)	141	298	683	309
October <sup>r</sup>	1,379	1,059	43		277	(NA)	(NA)	116	297	626	340
November <sup>r</sup>	1,429	1,152	23		254	(NA)	(NA)	125	294	663	347
December <sup>P</sup>	1,403	1,085	42		276	(NA)	(NA)	124	286	657	336
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>											
Annual . . . . . (percent) . .	1	1	8	7	3	1	4	3	3	2	1
Monthly . . . . . (percent) . .	3	3	20	21	9	3	9	11	7	4	6

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

**Table 2. New Privately Owned Housing Units Completed 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	1,868	1,369	382	1,314	907	322	554	462	60	182	141	32	417	300	90	752	571	150	517	357	111	
1979	1,871	1,301	445	1,332	858	382	539	443	63	188	135	43	415	294	95	762	535	187	506	337	120	
1980	1,502	957	426	1,079	633	359	423	324	67	146	100	38	274	170	80	696	455	196	386	233	113	
1981	1,266	819	336	888	530	278	377	289	57	127	87	31	218	140	57	626	408	165	294	183	82	
1982	1,006	632	293	708	409	241	297	223	52	120	79	35	143	92	38	539	340	156	203	121	64	
1983	1,390	924	374	1,074	674	326	316	249	49	139	106	25	201	142	46	746	476	220	305	200	83	
1984	1,652	1,025	515	1,317	771	460	336	255	55	168	129	30	221	156	50	867	508	298	396	233	137	
1985	1,703	1,072	534	1,422	853	491	281	220	43	214	168	33	230	151	65	812	514	254	447	239	182	
1986	1,756	1,120	550	1,502	918	513	254	202	37	254	193	47	270	170	84	764	505	226	469	253	193	
1987	1,669	1,123	475	1,420	917	444	248	206	30	257	196	47	302	201	86	660	467	171	449	259	170	
1988	1,530	1,085	389	1,286	876	365	244	208	24	250	188	50	280	191	76	595	457	121	405	248	142	
1989	1,423	1,026	338	1,181	823	312	242	203	25	219	159	48	267	191	62	549	420	112	387	257	115	
1990	1,308	966	297	1,060	759	267	248	207	30	158	127	23	263	195	57	511	389	109	376	255	108	
1991	1,091	838	217	862	642	194	229	196	22	120	100	14	240	185	45	439	348	81	291	205	76	
1992	1,158	964	158	910	752	133	248	212	25	136	114	18	268	218	40	462	400	52	290	232	49	
1993	1,193	1,039	127	943	818	106	250	222	21	118	105	10	273	232	33	512	456	49	290	247	35	
1994	1,347	1,160	155	1,086	929	135	261	232	20	123	113	7	307	255	42	581	507	64	336	285	42	
1995	1,313	1,066	212	1,065	848	191	248	217	21	127	108	16	288	232	44	581	472	99	317	253	54	
1996	1,413	1,129	251	1,163	913	226	249	215	25	125	108	14	304	245	48	637	507	120	346	269	69	
1997 <sup>P</sup>	1,398	1,115	246	1,151	903	220	247	212	26	134	115	15	296	236	46	632	505	116	336	258	68	
<b>QUARTERLY DATA</b>																						
1993:	1st quarter	245	212	28	194	167	24	51	45	5	24	21	2	51	42	9	109	99	9	60	50	8
	2nd quarter	286	247	33	222	191	27	64	56	6	27	24	2	64	55	7	121	105	14	74	62	10
	3rd quarter	317	275	34	255	220	29	63	55	6	29	26	2	74	63	9	139	123	13	74	63	9
	4th quarter	345	305	32	273	240	27	73	66	5	37	34	3	83	73	8	143	128	13	82	71	8
1994:	1st quarter	270	238	25	219	193	21	51	46	3	22	21	1	57	47	7	119	107	10	73	63	8
	2nd quarter	336	291	37	274	236	32	63	55	5	31	27	3	76	62	12	146	130	13	83	72	9
	3rd quarter	361	308	45	292	246	40	70	62	6	35	32	3	84	72	11	152	131	18	90	74	14
	4th quarter	379	323	48	302	254	42	77	69	6	35	33	1	90	75	13	164	139	23	90	77	11
1995:	1st quarter	291	246	37	233	194	33	59	52	4	30	26	3	62	51	8	130	110	18	69	58	9
	2nd quarter	318	258	51	258	207	45	60	52	6	29	25	3	75	59	14	140	114	22	74	60	12
	3rd quarter	346	272	65	284	219	59	62	53	6	33	27	6	79	61	15	152	121	28	82	64	16
	4th quarter	357	289	59	289	229	54	67	60	5	35	30	4	72	62	7	159	126	30	90	71	17
1996:	1st quarter	293	235	52	243	192	47	50	44	5	24	21	3	56	45	9	136	108	26	77	61	15
	2nd quarter	342	270	66	285	222	59	57	48	7	29	25	3	73	55	16	156	124	30	84	66	17
	3rd quarter	382	301	71	314	243	64	69	59	7	32	28	3	88	68	16	169	134	32	94	71	20
	4th quarter	394	322	63	321	257	57	74	65	6	40	34	5	87	76	8	177	141	32	91	71	17
1997:	1st quarter	310	251	51	255	204	45	55	47	5	32	27	5	61	48	10	143	120	20	74	56	16
	2nd quarter	338	271	57	279	221	51	59	51	6	32	28	3	70	57	10	152	121	28	83	65	16
	3rd quarter	363	287	66	302	235	59	61	52	7	35	30	(S)	81	63	15	163	128	32	84	66	16
	4th quarter <sup>P</sup>	386	306	71	314	243	64	72	62	7	35	31	(S)	83	68	12	174	136	36	94	71	20
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>3</sup></b>																						
Annual	(percent)	1	1	3	1	1	3	4	4	12	3	3	12	3	2	9	2	2	4	1	1	2
Quarterly	(percent)	2	2	6	2	2	6	5	6	16	6	4	53	4	4	14	2	3	7	3	3	9

<sup>P</sup>Preliminary. S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review.

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

<sup>2</sup>Includes units completed 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 3. New Privately Owned Housing Units Under Construction

[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	919.4	569.6	16.1	24.1	309.5	757.5	161.9	201.6	148.1	308.2	261.6
1989	850.3	535.1	11.9	25.1	278.1	686.7	163.6	158.8	145.5	282.1	263.9
1990	711.4	449.1	10.9	15.1	236.3	553.9	157.5	121.6	133.4	242.3	214.1
1991	606.3	433.5	9.1	14.5	149.2	458.4	147.9	103.9	122.4	208.5	171.6
1992	612.4	472.7	5.6	11.3	122.8	453.1	159.4	81.4	137.8	228.4	164.8
1993	680.1	543.0	6.5	12.4	118.2	521.0	159.1	89.3	154.4	265.4	170.9
1994	762.2	557.8	9.1	12.9	182.5	597.6	164.5	96.3	173.5	312.1	180.3
1995	775.9	547.2	8.4	12.7	207.7	620.1	155.8	86.3	172.0	331.4	186.3
1996	792.3	550.0	9.0	19.1	214.3	629.9	162.4	85.2	178.0	337.6	191.4
1997 <sup>P</sup>	847.7	557.9	10.8	19.2	259.8	684.4	163.2	86.0	182.8	366.4	212.5
<b>MONTHLY DATA</b>											
<b>Not Seasonally Adjusted</b>											
1996:											
January	763.7	533.7	7.6	11.9	210.4	613.6	150.1	82.9	165.5	328.9	186.3
February	765.8	533.1	7.8	11.7	213.3	618.0	147.8	79.8	163.4	332.7	189.9
March	772.8	544.0	8.1	10.8	209.9	620.5	152.3	82.6	164.5	335.7	190.0
April	813.5	578.4	9.2	13.2	212.7	652.6	160.9	86.5	172.3	352.5	202.2
May	835.2	595.5	9.7	14.4	215.7	667.1	168.2	88.4	181.0	361.7	204.1
June	845.1	610.5	10.2	16.4	208.0	672.9	172.2	90.4	183.6	363.2	208.0
July	853.3	619.9	9.9	17.8	205.7	677.4	175.9	93.9	188.3	364.2	206.9
August	857.0	627.3	9.2	16.1	204.4	678.6	178.4	94.3	192.7	359.3	210.6
September	858.9	624.5	10.3	15.0	209.1	680.0	178.9	93.7	193.4	364.4	207.5
October	855.1	614.0	10.8	16.7	213.6	677.2	177.9	92.4	195.1	357.2	210.3
November	843.3	596.7	9.3	19.2	218.2	671.7	171.7	88.8	191.1	356.5	207.0
December	792.3	550.0	9.0	19.1	214.3	629.9	162.4	85.2	178.0	337.6	191.4
1997:											
January	777.2	536.2	9.1	19.0	212.8	621.7	155.5	84.8	167.0	335.8	189.6
February	763.7	524.1	9.1	17.5	213.1	615.2	148.5	80.1	162.3	333.1	188.2
March	772.9	530.7	8.7	17.5	216.0	625.5	147.4	77.8	164.9	336.6	193.6
April	799.8	551.2	8.9	16.5	223.2	649.2	150.6	82.1	169.6	348.4	199.7
May	820.0	566.6	8.9	16.2	228.3	663.7	156.3	81.4	178.0	356.3	204.3
June	845.0	579.7	8.7	17.3	239.3	680.0	165.0	82.2	185.5	367.1	210.1
July	864.9	596.9	9.5	16.0	242.6	694.7	170.2	85.3	190.9	375.4	213.3
August	869.6	601.8	9.4	16.4	242.0	698.3	171.3	86.5	190.0	379.1	214.1
September	877.0	605.2	10.5	15.8	245.5	703.0	174.0	86.7	190.9	380.4	219.0
October <sup>f</sup>	886.4	603.3	11.0	18.0	254.1	711.6	174.8	86.4	195.7	383.3	221.0
November <sup>f</sup>	874.5	586.4	11.0	19.1	258.0	703.6	170.9	89.4	189.6	377.5	218.1
December <sup>P</sup>	847.7	557.9	10.8	19.2	259.8	684.4	163.2	86.0	182.8	366.4	212.5
<b>Seasonally Adjusted</b>											
1996:											
January	802	568	20		214	(NA)	(NA)	87	176	345	194
February	798	566	19		213	(NA)	(NA)	83	179	339	197
March	814	580	20		214	(NA)	(NA)	88	180	347	199
April	825	590	23		212	(NA)	(NA)	89	180	352	204
May	826	590	24		212	(NA)	(NA)	90	180	353	203
June	826	594	25		207	(NA)	(NA)	88	180	354	204
July	825	593	27		205	(NA)	(NA)	91	180	352	202
August	820	593	24		203	(NA)	(NA)	90	181	347	202
September	825	592	25		208	(NA)	(NA)	90	183	354	198
October	825	588	26		211	(NA)	(NA)	89	183	352	201
November	828	584	28		216	(NA)	(NA)	86	182	355	205
December	815	571	28		216	(NA)	(NA)	86	180	350	199
1997:											
January	818	573	29		216	(NA)	(NA)	88	179	352	199
February	821	574	28		219	(NA)	(NA)	86	182	351	202
March	814	566	27		221	(NA)	(NA)	84	179	349	202
April	812	563	26		223	(NA)	(NA)	84	178	349	201
May	815	564	26		225	(NA)	(NA)	83	179	349	204
June	830	567	26		237	(NA)	(NA)	82	183	359	206
July	837	571	24		242	(NA)	(NA)	82	183	363	209
August	836	569	25		242	(NA)	(NA)	82	180	367	207
September	842	571	25		246	(NA)	(NA)	83	180	369	210
October <sup>f</sup>	855	576	28		251	(NA)	(NA)	83	183	377	212
November <sup>f</sup>	857	573	29		255	(NA)	(NA)	86	180	376	215
December <sup>P</sup>	869	578	30		261	(NA)	(NA)	87	183	378	221
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>											
End of period . . . . . (percent) . .	1	2	8	14	2	1	4	3	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: Average for the latest 6-month period (January through June or July through December).

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

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

Period		United States			Inside MSAs <sup>1</sup>			Outside MSAs <sup>1</sup>			Northeast			Midwest			South			West		
		In structures with—		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>	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
<b>QUARTERLY DATA</b>																						
1988:	1st quarter . . . .	948.5	577.7	332.3	793.8	449.8	312.3	154.7	127.9	20.0	221.2	152.2	60.7	140.3	83.1	49.2	326.0	217.2	96.6	261.0	125.3	125.7
	2nd quarter . . . .	1,009.6	635.3	335.2	836.8	490.2	315.0	172.7	145.1	20.2	226.6	159.4	58.9	162.5	102.7	51.0	346.2	235.1	99.2	274.3	138.2	126.0
	3rd quarter . . . .	994.6	629.7	324.5	818.3	483.1	302.7	176.4	146.5	21.8	226.2	158.9	58.4	161.0	103.0	48.7	332.3	224.8	95.7	275.2	142.9	121.7
	4th quarter . . . .	919.4	569.6	309.5	757.5	438.2	287.9	161.9	131.4	21.6	201.6	140.4	52.8	148.1	90.4	47.7	308.2	201.7	94.9	261.6	137.1	114.2
1989:	1st quarter . . . .	894.2	548.1	303.5	739.2	425.0	281.0	155.0	123.1	22.5	182.3	123.7	50.0	139.5	80.4	48.8	310.9	204.8	93.5	261.5	139.2	111.2
	2nd quarter . . . .	942.9	597.0	303.5	765.8	453.0	280.0	177.0	144.0	23.5	180.8	128.5	44.2	157.8	95.7	52.0	323.0	215.1	95.2	281.3	157.7	112.1
	3rd quarter . . . .	925.2	593.6	289.6	747.8	449.3	266.2	177.3	144.2	23.4	176.2	124.9	43.5	157.9	102.1	45.0	309.4	205.5	91.7	281.7	161.0	109.4
	4th quarter . . . .	850.3	535.1	278.1	686.7	405.6	254.2	163.6	129.6	24.0	158.8	109.8	42.9	145.5	89.6	46.8	282.1	184.6	85.6	263.9	151.1	102.8
1990:	1st quarter . . . .	841.5	528.7	278.6	683.1	402.0	254.8	158.4	126.6	23.8	147.9	100.9	41.3	141.9	87.2	45.8	285.5	189.0	87.3	266.1	151.5	104.3
	2nd quarter . . . .	873.3	560.8	278.2	698.7	418.6	253.4	174.6	142.2	24.8	143.2	98.4	39.0	161.3	103.6	48.8	301.3	202.2	90.2	267.5	156.6	100.1
	3rd quarter . . . .	818.8	529.6	258.8	648.0	389.6	234.8	170.7	140.0	24.0	137.2	93.8	38.1	155.5	104.2	43.2	273.4	185.2	80.5	252.7	146.4	97.0
	4th quarter . . . .	711.4	449.1	236.3	553.9	321.2	212.8	157.5	127.9	23.5	121.6	80.1	37.3	133.4	86.8	39.3	242.3	160.3	75.4	214.1	121.9	84.4
1991:	1st quarter . . . .	644.8	412.6	207.8	497.4	293.8	185.6	147.5	118.8	22.3	105.1	68.1	33.3	119.9	77.6	35.2	229.8	153.0	70.5	190.1	114.0	68.9
	2nd quarter . . . .	675.1	465.3	185.0	518.4	336.5	163.9	156.6	128.7	21.1	112.2	77.0	31.6	136.1	97.3	31.4	231.2	165.8	58.8	195.5	125.2	63.1
	3rd quarter . . . .	657.1	476.7	157.3	502.6	347.7	138.3	154.5	129.0	19.0	110.3	78.4	28.9	135.1	102.5	25.2	222.5	172.4	44.2	189.3	123.4	59.0
	4th quarter . . . .	606.3	433.5	149.2	458.4	314.3	127.1	147.9	119.2	22.1	103.9	72.6	28.4	122.4	90.5	25.1	208.5	158.3	42.7	171.6	112.1	53.0
1992:	1st quarter . . . .	622.9	451.8	148.7	471.6	330.2	125.5	151.3	121.6	23.2	96.8	66.6	27.2	127.3	95.2	25.6	226.0	173.7	45.4	172.8	116.4	50.4
	2nd quarter . . . .	667.6	504.8	140.5	501.9	366.7	119.2	165.7	138.1	21.3	95.4	72.0	20.7	150.1	113.5	29.9	242.6	193.4	42.4	179.5	125.9	47.4
	3rd quarter . . . .	664.0	511.5	132.2	491.6	364.5	112.3	172.5	147.0	19.9	91.7	70.2	19.1	155.5	116.9	32.5	239.1	196.0	37.6	177.8	128.5	43.0
	4th quarter . . . .	612.4	472.7	122.8	453.1	336.8	104.2	159.4	135.8	18.7	81.4	62.7	16.8	137.8	104.2	28.4	228.4	186.1	38.0	164.8	119.7	39.6
1993:	1st quarter . . . .	600.9	471.1	111.7	451.6	344.0	94.7	149.3	127.1	17.0	76.9	58.9	16.0	130.4	101.9	22.9	234.8	192.6	37.5	158.8	117.7	35.4
	2nd quarter . . . .	675.3	542.5	112.7	513.1	401.8	96.9	162.2	140.7	15.8	86.0	68.1	16.0	153.0	120.2	26.4	265.7	223.8	36.5	170.6	130.5	33.9
	3rd quarter . . . .	707.6	572.4	114.4	538.5	423.7	100.0	169.1	148.7	14.4	94.3	76.1	16.2	161.9	129.6	25.6	271.1	228.0	37.1	180.3	138.7	35.5
	4th quarter . . . .	680.1	543.0	118.2	521.0	404.7	102.9	159.1	133.3	15.3	89.3	72.5	14.8	154.4	119.0	29.2	265.4	219.1	40.9	170.9	132.4	33.3
1994:	1st quarter . . . .	695.6	551.1	126.8	542.5	418.6	111.5	153.0	132.5	15.3	84.9	65.9	17.0	148.5	116.1	27.1	286.5	231.5	49.4	175.6	137.7	33.3
	2nd quarter . . . .	776.8	608.9	150.5	605.0	459.4	132.8	171.7	149.4	17.7	96.8	77.5	17.4	176.3	139.4	31.5	316.9	245.9	65.7	186.7	146.0	36.0
	3rd quarter . . . .	806.0	621.2	164.7	625.5	464.3	146.7	180.5	156.8	17.9	96.6	77.8	16.7	185.0	144.0	34.5	330.3	250.6	74.0	194.1	148.7	39.4
	4th quarter . . . .	762.2	557.8	182.5	597.6	417.9	163.9	164.5	139.9	18.5	96.3	77.0	17.2	173.5	128.1	38.2	312.1	223.4	82.8	180.3	129.2	44.3
1995:	1st quarter . . . .	732.3	520.5	190.9	584.5	396.7	172.5	147.8	123.7	18.4	88.7	69.9	16.7	155.3	111.4	37.6	310.6	216.3	87.9	177.7	122.9	48.7
	2nd quarter . . . .	775.7	551.4	202.4	617.6	417.2	184.3	158.0	134.2	18.2	94.7	73.2	19.4	162.0	121.4	33.8	327.2	226.3	94.3	191.7	130.5	54.9
	3rd quarter . . . .	813.4	584.7	206.8	645.3	441.8	187.3	168.1	143.0	19.5	94.4	76.4	16.1	172.8	131.4	34.2	343.1	237.9	98.8	203.0	139.0	57.7
	4th quarter . . . .	775.9	547.2	207.7	620.1	417.0	187.4	155.8	130.2	20.3	86.3	70.1	14.3	172.0	125.0	40.2	331.4	226.7	98.5	186.3	125.3	54.8
1996:	1st quarter . . . .	772.8	544.0	209.9	620.5	417.2	189.2	152.3	126.8	20.7	82.6	66.8	13.8	164.5	121.0	37.3	335.7	231.4	98.5	190.0	124.8	60.2
	2nd quarter . . . .	845.1	610.5	208.0	672.9	465.2	188.1	172.2	145.3	19.8	90.4	74.2	13.5	183.6	141.5	32.9	363.2	257.9	97.6	208.0	136.9	64.1
	3rd quarter . . . .	858.9	624.5	209.1	680.0	473.2	188.3	178.9	151.3	20.9	93.7	76.7	14.3	193.4	150.3	34.1	364.4	259.2	98.2	207.5	138.3	62.5
	4th quarter . . . .	792.3	550.0	214.3	629.9	417.2	191.6	162.4	132.9	22.7	85.2	68.1	14.0	178.0	128.7	39.4	337.6	230.3	99.5	191.4	122.9	61.3
1997:	1st quarter . . . .	772.9	530.7	216.0	625.5	411.5	194.2	147.4	119.2	21.8	77.8	60.2	14.6	164.9	119.5	36.2	336.6	223.4	105.9	193.6	127.6	59.3
	2nd quarter . . . .	845.0	579.7	239.3	680.0	446.0	214.6	165.0	133.8	24.7	82.2	63.1	16.2	185.5	134.9	41.6	367.1	242.4	116.9	210.1	139.3	64.6
	3rd quarter . . . .	877.0	605.2	245.5	703.0	461.8	221.5	174.0	143.3	24.0	86.7	65.7	18.0	190.9	143.9	37.9	380.4	248.7	123.7	219.0	146.9	65.8
	4th quarter <sup>P</sup> . . . .	847.7	557.9	259.8	684.4	429.3	234.6	163.2	128.6	25.2	86.0	62.6	20.4	182.8	128.3	42.1	366.4	228.6	129.6	212.5	138.3	67.7
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>3</sup></b>																						
End of period . . . . (percent) . . . .		1	2	2	1	1	2	4	5	8	3	3	7	4	4	8	2	3	3	2	3	2

<sup>P</sup>Preliminary.

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

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

<sup>3</sup>Average Relative Standard Errors: Average for the latest 2-quarter period (quarter 1 through quarter 2 or quarter 3 through quarter 4).

Table 5. Seasonal Indexes Used to Adjust Housing Units Completed

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>											
September.....	108.5	112.3	116.2	105.8	106.6	109.9	106.4	112.1	114.6	107.0	105.5
October <sup>r</sup> .....	112.1	118.3	121.3	110.2	111.2	93.1	109.2	117.3	117.2	109.3	108.4
November <sup>r</sup> .....	103.5	111.8	117.6	98.3	103.2	117.8	96.3	110.4	112.2	99.8	103.4
December <sup>p</sup> .....	114.7	121.7	117.1	114.1	115.2	105.7	112.1	117.2	110.4	113.2	117.6

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

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

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

Table 6. Seasonal Indexes Used to Adjust Housing Units Under Construction

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>											
September.....	104.2	105.4	109.0	104.6	105.6	102.7	100.0	104.7	105.8	103.3	104.3
October <sup>r</sup> .....	103.7	104.6	108.0	102.9	104.8	103.7	101.2	103.9	107.0	101.8	104.7
November <sup>r</sup> .....	102.0	104.6	104.5	101.1	100.9	103.1	101.1	104.4	104.9	100.0	101.0
December <sup>p</sup> .....	97.5	98.9	98.1	95.6	95.2	99.8	99.5	98.2	99.6	96.4	95.4

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

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

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

**Table 7a. Selected Characteristics of New One-Family Houses Completed**

[Detail may not add to total because of rounding. Percents computed from unrounded figures]

Period	Total	Central air-conditioning		Heating fuel				Heating system				Fireplaces		
		Installed	Not installed	Gas	Electric	Oil	Other or none	Warm-air furnace	Heat pump	Hot water or steam	Other or none <sup>1</sup>	None	1	2 or more
Number of units (thousands)														
<b>ANNUAL DATA</b>														
1994	1,160	912	248	772	333	39	16	778	281	60	41	417	680	63
1995	1,066	846	219	708	305	37	16	706	264	55	39	394	615	56
1996	1,129	916	213	781	299	37	11	789	258	54	28	424	669	36
1997 <sup>P</sup>	1,115	917	198	770	296	38	11	781	257	52	26	431	634	49
<b>QUARTERLY DATA</b>														
1994:														
1st quarter	238	189	49	156	72	8	3	160	60	11	8	86	140	12
2nd quarter	291	226	64	195	83	9	3	196	69	15	11	102	169	19
3rd quarter	308	243	65	208	85	11	5	208	74	17	10	108	184	16
4th quarter	323	254	69	214	93	11	5	215	78	18	12	119	188	16
1995:														
1st quarter	246	192	54	160	72	11	3	159	63	15	9	92	141	13
2nd quarter	258	209	49	176	71	8	4	174	63	12	9	86	157	15
3rd quarter	272	214	58	179	80	9	4	180	68	14	10	105	154	13
4th quarter	289	231	58	194	81	10	4	193	70	15	11	111	164	14
1996:														
1st quarter	235	190	45	160	65	8	3	164	54	12	6	86	137	12
2nd quarter	270	220	50	186	74	7	3	186	63	14	7	95	161	14
3rd quarter	301	246	56	207	80	10	3	212	68	14	7	112	176	13
4th quarter	322	261	61	225	80	13	3	225	73	15	8	123	185	13
1997:														
1st quarter	251	208	43	171	66	10	4	167	66	12	6	100	143	8
2nd quarter	271	224	47	182	79	8	(B)	186	67	12	6	102	156	13
3rd quarter <sup>r</sup>	287	235	52	204	71	9	(B)	206	63	12	5	110	165	12
4th quarter <sup>P</sup>	306	250	56	213	79	11	3	217	66	15	8	118	171	16
<b>AVERAGE RSE's<sup>2</sup></b>														
Annual	1	2	8	2	6	12	26	1	5	14	17	4	2	6
Quarterly	2	2	8	3	6	13	30	2	6	18	21	4	3	8
Percent distribution														
<b>ANNUAL DATA</b>														
1994	100	79	21	67	29	3	1	67	24	5	4	36	59	5
1995	100	80	20	67	28	3	1	67	25	5	4	37	58	5
1996	100	81	19	69	26	3	1	70	23	5	2	38	59	3
1997 <sup>P</sup>	100	82	18	69	26	3	1	70	23	5	2	39	57	4
<b>QUARTERLY DATA</b>														
1994:														
1st quarter	100	79	21	66	30	3	1	67	25	5	3	36	59	5
2nd quarter	100	78	22	67	28	3	1	68	24	5	4	35	58	7
3rd quarter	100	79	21	68	28	3	2	68	24	5	3	35	60	5
4th quarter	100	79	21	66	29	3	1	67	24	5	4	37	58	5
1995:														
1st quarter	100	78	22	65	29	4	1	65	26	6	4	37	57	5
2nd quarter	100	81	19	68	27	3	2	67	24	4	4	33	61	6
3rd quarter	100	79	21	66	29	3	2	66	25	5	4	38	57	5
4th quarter	100	80	20	67	28	3	1	67	24	5	4	38	57	5
1996:														
1st quarter	100	81	19	68	28	3	1	70	23	5	3	37	58	5
2nd quarter	100	82	18	69	27	3	1	69	23	5	3	35	60	5
3rd quarter	100	82	18	69	27	3	1	71	22	4	2	37	58	4
4th quarter	100	81	19	70	25	4	1	70	23	5	3	38	58	4
1997:														
1st quarter	100	83	17	68	26	4	1	67	26	5	2	40	57	3
2nd quarter	100	82	18	67	29	3	(B)	69	25	4	2	38	58	5
3rd quarter <sup>r</sup>	100	82	18	71	25	3	(B)	72	22	4	2	38	58	4
4th quarter <sup>P</sup>	100	82	18	70	26	4	1	71	21	5	3	39	56	5

B Withheld because estimate did not meet publication standards on the basis of sample size. <sup>P</sup>Preliminary. <sup>r</sup>Revised.

<sup>1</sup>Includes electric baseboard, panel, radiant heat, room or space heater, floor or wall furnace, solar heating, other types of heating systems or none. <sup>2</sup>Average RSE's (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 7b. Selected Characteristics of New One-Family Houses Completed**

[Detail may not add to total because of rounding. Percents computed from unrounded figures]

Period	Total	Stories			Bedrooms			Bathrooms			Principal exterior wall material						
		1	2 or more <sup>1</sup>	Split level	2 or less	3	4 or more	1-1/2 or less	2	2-1/2	3 or more	Brick	Wood	Stucco	Vinyl siding	Aluminum siding	Other <sup>2</sup>
Number of units (thousands)																	
<b>ANNUAL DATA</b>																	
1994	1,160	571	549	40	142	669	350	128	469	392	171	247	313	175	322	45	57
1995	1,066	520	511	35	137	610	319	120	434	348	163	217	264	164	325	34	62
1996	1,129	559	535	35	143	635	350	107	467	374	181	235	254	175	371	26	68
1997 <sup>P</sup>	1,115	541	546	28	142	623	350	98	459	372	185	233	210	178	404	18	72
<b>QUARTERLY DATA</b>																	
1994:	238	121	110	7	27	140	71	26	101	78	34	53	65	39	58	9	12
1st quarter	291	141	138	11	38	164	89	31	116	98	46	66	84	43	73	12	13
2nd quarter	308	152	145	11	39	176	94	35	124	104	46	66	80	45	91	12	13
3rd quarter	323	157	156	10	37	190	96	36	128	113	46	63	84	49	99	12	17
4th quarter	246	119	119	8	31	143	72	29	99	81	36	55	60	36	71	9	14
1995:	258	121	128	9	31	148	79	27	100	87	44	51	70	40	76	9	12
1st quarter	272	135	129	9	37	152	83	33	111	88	40	54	67	40	86	8	17
2nd quarter	289	144	135	10	39	166	84	31	124	92	42	57	68	47	91	8	18
3rd quarter	235	122	106	7	29	137	69	21	105	74	35	50	57	38	68	6	15
4th quarter	270	134	127	9	35	151	84	26	110	90	44	60	63	42	81	6	19
1996:	301	144	148	9	38	167	96	29	121	100	52	61	67	47	101	7	18
1st quarter	322	159	153	10	40	181	100	31	132	110	49	64	65	46	119	7	21
2nd quarter	251	125	119	7	33	139	79	24	104	81	42	56	52	39	84	4	16
3rd quarter	271	131	132	8	33	153	85	23	114	90	44	52	54	45	97	4	18
4th quarter	287	136	143	8	35	163	90	24	119	99	44	61	51	45	108	5	17
1997:	306	149	151	5	41	168	97	26	121	103	55	63	54	48	114	5	20
1st quarter	<b>AVERAGE RSE's<sup>3</sup></b>																
Annual	1	3	2	15	5	2	3	5	3	3	3	7	7	8	5	13	10
Quarterly	2	4	3	18	7	3	3	8	4	3	4	7	8	8	5	18	8
Percent distribution																	
<b>ANNUAL DATA</b>																	
1994	100	49	47	3	12	58	30	11	40	34	15	21	27	15	28	4	5
1995	100	49	48	3	13	57	30	11	41	33	15	20	25	16	30	3	6
1996	100	49	47	3	13	56	31	9	41	33	16	21	23	16	33	2	6
1997 <sup>P</sup>	100	49	49	3	13	56	31	9	41	33	17	21	19	16	36	2	6
<b>QUARTERLY DATA</b>																	
1994:	100	51	46	3	12	59	30	11	42	33	14	22	28	17	24	4	5
1st quarter	100	49	47	4	13	56	31	11	40	34	16	23	29	15	25	4	5
2nd quarter	100	49	47	4	13	57	31	11	40	34	15	21	26	15	30	4	4
3rd quarter	100	49	48	3	11	59	30	11	40	35	14	19	26	15	31	4	5
4th quarter	100	49	48	3	12	58	29	12	40	33	15	22	25	15	29	4	6
1995:	100	47	50	3	12	57	31	10	39	34	17	20	27	16	29	3	5
1st quarter	100	50	47	3	13	56	31	12	41	32	15	20	25	15	31	3	6
2nd quarter	100	50	47	3	13	57	29	11	43	32	15	20	23	16	31	3	6
3rd quarter	100	52	45	3	12	58	29	9	45	31	15	21	24	16	29	3	7
4th quarter	100	50	47	4	13	56	31	9	41	33	16	22	23	16	30	2	7
1996:	100	48	49	3	13	55	32	10	40	33	17	20	22	16	33	2	6
1st quarter	100	49	48	3	13	56	31	10	41	34	15	20	20	14	37	2	7
2nd quarter	100	50	47	3	13	55	31	10	41	32	17	22	21	16	34	1	6
3rd quarter	100	48	49	3	12	56	31	9	42	33	16	19	20	17	36	2	7
4th quarter	100	47	50	3	12	57	31	8	42	35	15	21	18	16	37	2	6
1997:	100	49	50	2	13	55	32	9	40	34	18	21	18	16	37	2	7
1st quarter	100	48	49	3	12	56	31	9	42	33	16	19	20	17	36	2	7
2nd quarter	100	47	50	3	12	57	31	8	42	35	15	21	18	16	37	2	6
3rd quarter	100	49	50	2	13	55	32	9	40	34	18	21	18	16	37	2	7
4th quarter	100	49	50	2	13	55	32	9	40	34	18	21	18	16	37	2	7

<sup>P</sup>Preliminary. <sup>R</sup>Revised.

<sup>1</sup>Includes a small number of houses with one and one-half, two and one-half or three stories. <sup>2</sup>Includes cinder block, stone, and other types. Data prior to 1992 include vinyl siding. <sup>3</sup>Average RSE's (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 7c. Selected Characteristics of New One-Family Houses Completed**

[Detail may not add to total because of rounding. Percents computed from unrounded figures]

Period	Total	Foundation			Parking facility					Square feet of floor area							Median	Average
		Full or partial basement	Slab	Crawl space	Garage: 1 car	Garage: 2 cars	Garage: 3 cars or more	Carport	No garage or carport	Under 1,200	1,200 to 1,599	1,600 to 1,999	2,000 to 2,399	2,400 to 2,999	3,000 or more			
Number of units (thousands)																		
<b>ANNUAL DATA</b>																		
1994	1,160	453	478	229	92	749	152	19	148	101	242	275	209	178	154	1,940	2,100	
1995	1,066	413	449	204	84	673	141	17	150	103	230	245	185	161	141	1,920	2,095	
1996	1,129	420	498	211	88	717	161	16	146	98	232	257	206	182	153	1,950	2,120	
1997 <sup>P</sup>	1,115	408	499	208	83	716	158	15	144	88	231	250	204	178	164	1,975	2,150	
<b>QUARTERLY DATA</b>																		
1994:																		
1st quarter	238	87	103	48	19	157	29	4	29	20	53	55	43	38	29	1,910	2,090	
2nd quarter	291	113	118	59	22	187	40	4	38	25	60	68	52	44	41	1,945	2,110	
3rd quarter	308	123	127	58	25	199	41	4	40	27	63	75	56	47	40	1,930	2,095	
4th quarter	323	128	131	64	26	207	43	6	42	29	66	76	58	49	44	1,945	2,110	
1995:																		
1st quarter	246	95	103	48	21	157	32	3	33	22	50	58	44	37	34	1,945	2,110	
2nd quarter	258	102	107	49	20	163	36	4	35	24	54	60	43	40	37	1,930	2,125	
3rd quarter	272	104	115	53	20	170	36	5	41	30	62	61	46	41	33	1,870	2,060	
4th quarter	289	111	124	54	24	183	37	5	41	28	64	66	52	43	37	1,915	2,080	
1996:																		
1st quarter	235	82	110	43	17	152	34	4	29	21	51	54	40	38	31	1,935	2,100	
2nd quarter	270	97	121	52	21	171	40	4	34	22	57	62	48	41	40	1,945	2,135	
3rd quarter	301	112	134	55	25	189	43	3	41	26	61	68	58	48	40	1,975	2,130	
4th quarter	322	126	136	60	26	204	45	4	43	28	64	73	60	54	42	1,965	2,120	
1997:																		
1st quarter	251	88	114	49	19	161	34	4	33	21	54	53	47	39	38	1,985	2,150	
2nd quarter	271	100	123	49	20	175	39	4	34	21	55	62	48	44	39	1,965	2,150	
3rd quarter	287	108	128	52	22	189	37	4	35	23	59	68	53	45	39	1,945	2,130	
4th quarter <sup>P</sup>	306	113	135	57	22	192	48	3	41	23	63	67	56	50	48	2,000	2,175	
<b>AVERAGE RSE's<sup>1</sup></b>																		
Annual	1	3	4	8	6	2	3	13	5	6	4	2	3	3	4	1	1	
Quarterly	2	4	4	8	6	2	4	21	6	8	5	4	3	4	5	1	1	
Percent distribution																		
<b>ANNUAL DATA</b>																		
1994	100	39	41	20	8	65	13	2	13	9	21	24	18	15	13	(X)	(X)	
1995	100	39	42	19	8	63	13	2	14	10	22	23	17	15	13	(X)	(X)	
1996	100	37	44	19	8	64	14	1	13	9	21	23	18	16	14	(X)	(X)	
1997 <sup>P</sup>	100	37	45	19	7	64	14	1	13	8	21	22	18	16	15	(X)	(X)	
<b>QUARTERLY DATA</b>																		
1994:																		
1st quarter	100	37	43	20	8	66	12	2	12	8	22	23	18	16	12	(X)	(X)	
2nd quarter	100	39	41	20	7	64	14	1	13	9	21	23	18	15	14	(X)	(X)	
3rd quarter	100	40	41	19	8	65	13	1	13	9	20	24	18	15	13	(X)	(X)	
4th quarter	100	40	40	20	8	64	13	2	13	9	21	24	18	15	14	(X)	(X)	
1995:																		
1st quarter	100	39	42	19	8	64	13	1	13	9	20	24	18	15	14	(X)	(X)	
2nd quarter	100	40	42	19	8	63	14	2	14	9	21	23	17	16	14	(X)	(X)	
3rd quarter	100	39	42	20	7	62	13	2	15	11	23	22	17	15	12	(X)	(X)	
4th quarter	100	39	43	19	8	63	13	2	14	10	22	23	18	15	13	(X)	(X)	
1996:																		
1st quarter	100	35	46	18	7	64	14	2	12	9	22	23	17	16	13	(X)	(X)	
2nd quarter	100	36	45	19	8	63	15	1	12	8	21	23	18	15	15	(X)	(X)	
3rd quarter	100	37	44	18	8	63	14	1	14	9	20	22	19	16	13	(X)	(X)	
4th quarter	100	39	42	19	8	64	14	1	13	9	20	23	19	17	13	(X)	(X)	
1997:																		
1st quarter	100	35	45	19	8	64	14	1	13	8	21	21	19	16	15	(X)	(X)	
2nd quarter	100	37	45	18	7	64	14	1	13	8	20	23	18	16	15	(X)	(X)	
3rd quarter	100	37	45	18	8	66	13	1	12	8	21	24	18	16	14	(X)	(X)	
4th quarter <sup>P</sup>	100	37	44	19	7	63	16	1	13	7	21	22	18	16	16	(X)	(X)	

<sup>P</sup>Preliminary. <sup>r</sup>Revised. X Not applicable.

<sup>1</sup>Average RSE's (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 8. Selected Characteristics of Housing Units in New Privately Owned Buildings Completed With Two Units or More**

[Detail may not add to total because of rounding. Percents computed from unrounded figures]

Period	Number of floors per building			Number of units per building						Number of bedrooms per unit				Number of bathrooms per unit			Square feet per unit <sup>1</sup>	
	Total	1 to 3	4 or more	2 to 4	5 to 9	10 to 19	20 to 29	30 to 49	50 or more	Efficiency	1	2	3 or more	1	1-1/2	2 or more	Median	Average
Number of units (thousands)																		
<b>ANNUAL DATA</b>																		
1994	187	173	14	32	42	49	28	21	14	4	51	104	29	89	15	82	1,015	1,035
1995	247	228	19	35	46	69	54	24	19	5	65	138	40	106	20	121	1,040	1,080
1996	284	267	17	33	51	88	58	29	26	4	76	157	47	115	24	145	1,030	1,070
1997 <sup>P</sup>	283	258	25	37	53	86	56	22	28	6	75	155	46	119	25	139	1,055	1,095
<b>QUARTERLY DATA</b>																		
1994:																		
1st quarter	32	29	3	7	6	8	4	3	3	1	8	19	4	14	3	16	1,025	1,070
2nd quarter	46	43	3	8	8	11	5	8	5	1	12	26	6	23	4	18	975	1,010
3rd quarter	53	47	6	8	13	14	8	6	5	1	13	29	10	23	3	27	1,015	1,040
4th quarter	56	53	3	8	15	15	11	5	2	1	15	31	9	29	5	22	1,025	1,030
1995:																		
1st quarter	46	43	3	9	10	12	8	4	2	1	10	28	7	20	4	21	1,065	1,095
2nd quarter	60	58	2	9	12	18	12	5	4	2	14	34	10	27	5	27	1,040	1,075
3rd quarter	74	68	6	9	12	21	17	10	5	2	18	42	13	29	4	41	1,055	1,095
4th quarter	67	60	7	9	11	18	17	5	8	1	22	35	10	28	7	32	1,005	1,045
1996:																		
1st quarter	58	54	4	6	12	16	14	5	4	1	16	33	8	22	5	31	1,010	1,010
2nd quarter	72	69	3	6	11	25	14	9	7	2	20	41	10	34	5	34	1,020	1,185
3rd quarter	81	75	6	10	12	26	15	9	9	(Z)	21	45	15	31	8	42	1,015	1,115
4th quarter	73	68	5	10	16	21	14	6	6	1	18	40	14	28	6	40	1,070	1,080
1997:																		
1st quarter	59	55	4	8	10	20	11	4	6	3	14	34	8	26	5	28	1,020	1,100
2nd quarter	67	62	5	10	12	25	12	4	5	1	18	39	9	26	7	33	1,040	1,065
3rd quarter	76	69	7	10	15	20	16	8	8	1	20	40	15	32	8	37	1,055	1,090
4th quarter <sup>P</sup>	81	72	9	9	16	21	18	6	10	2	24	41	14	36	5	40	1,080	1,125
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>2</sup></b>																		
Annual . . . . .(percent) . .	2	3	8	6	6	6	6	11	10	21	4	4	5	4	16	4	1	1
Quarterly . . . . .(percent) . .	5	5	16	12	10	8	11	19	21	28	8	6	12	7	20	7	2	2
Percent distribution																		
<b>ANNUAL DATA</b>																		
1994	100	92	8	17	23	26	15	11	8	2	27	56	15	48	8	44	(X)	(X)
1995	100	92	8	14	19	28	22	10	8	2	26	56	16	43	8	49	(X)	(X)
1996	100	94	6	12	18	31	20	10	9	2	27	55	17	40	8	51	(X)	(X)
1997 <sup>P</sup>	100	91	9	13	19	30	20	8	10	2	27	55	16	42	9	49	(X)	(X)
<b>QUARTERLY DATA</b>																		
1994:																		
1st quarter	100	91	9	23	20	26	14	8	9	2	26	58	14	43	8	49	(X)	(X)
2nd quarter	100	94	6	19	18	25	11	17	10	1	27	58	14	51	9	40	(X)	(X)
3rd quarter	100	89	11	14	24	27	15	11	9	3	25	54	18	43	6	51	(X)	(X)
4th quarter	100	95	5	15	27	26	20	8	3	2	27	55	16	52	10	39	(X)	(X)
1995:																		
1st quarter	100	94	6	19	23	25	19	10	5	2	22	61	16	45	10	46	(X)	(X)
2nd quarter	100	96	4	14	20	31	20	8	7	3	24	56	17	46	8	46	(X)	(X)
3rd quarter	100	91	9	12	17	28	23	13	6	2	24	57	17	39	6	55	(X)	(X)
4th quarter	100	90	10	13	17	26	26	7	11	1	32	51	15	41	11	48	(X)	(X)
1996:																		
1st quarter	100	93	7	11	20	28	25	8	7	2	28	56	14	38	9	54	(X)	(X)
2nd quarter	100	96	4	8	16	35	20	12	10	3	27	56	13	47	7	47	(X)	(X)
3rd quarter	100	93	7	13	14	32	19	11	11	1	26	55	18	38	10	52	(X)	(X)
4th quarter	100	94	6	14	22	28	19	8	8	1	25	55	19	38	8	54	(X)	(X)
1997:																		
1st quarter	100	93	7	14	18	33	19	7	9	4	24	58	13	44	8	48	(X)	(X)
2nd quarter	100	92	8	15	18	37	18	7	7	1	26	59	14	39	11	50	(X)	(X)
3rd quarter	100	91	9	13	19	27	21	10	10	1	26	53	19	41	10	49	(X)	(X)
4th quarter <sup>P</sup>	100	89	11	11	20	26	22	8	13	2	29	51	17	44	6	50	(X)	(X)

<sup>P</sup>Preliminary. <sup>r</sup>Revised. X Not applicable.

<sup>1</sup>Figures based on exterior dimensions times number of floors divided by number of units.

<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 9. Selected Characteristics of New Privately Owned Buildings Completed With Two Units or More

[Detail may not add to total because of rounding. Percents computed from unrounded figures]

Period	Total	Number of units per building						Number of floors per building	
		2 to 4	5 to 9	10 to 19	20 to 29	30 to 49	50 or more	1 to 3	4 or more
Number of buildings (thousands)									
<b>ANNUAL DATA</b>									
1994	23	11	6	4	1	1	(Z)	23	(Z)
1995	27	13	6	5	2	1	(Z)	27	(Z)
1996	29	12	7	7	3	1	(Z)	29	(Z)
1997 <sup>P</sup>	30	13	7	6	2	1	(Z)	30	1
<b>QUARTERLY DATA</b>									
1994:									
1st quarter	4	2	1	1	(Z)	(Z)	(Z)	4	(Z)
2nd quarter	6	3	1	1	(Z)	(Z)	(Z)	6	(Z)
3rd quarter	6	3	2	1	(Z)	(Z)	(Z)	6	(Z)
4th quarter	7	3	2	1	(Z)	(Z)	(Z)	7	(Z)
1995:									
1st quarter	6	3	1	1	(Z)	(Z)	(Z)	6	(Z)
2nd quarter	7	3	2	1	1	(Z)	(Z)	7	(Z)
3rd quarter	8	3	2	2	1	(Z)	(Z)	7	(Z)
4th quarter	7	3	2	1	1	(Z)	(Z)	7	(Z)
1996:									
1st quarter	6	2	2	1	1	(Z)	(Z)	6	(Z)
2nd quarter	7	2	2	2	1	(Z)	(Z)	7	(Z)
3rd quarter	8	4	2	2	1	(Z)	(Z)	8	(Z)
4th quarter	8	4	2	2	1	(Z)	(Z)	8	(Z)
1997:									
1st quarter	6	3	1	1	(Z)	(Z)	(Z)	6	(Z)
2nd quarter	8	3	2	2	1	(Z)	(Z)	7	(Z)
3rd quarter <sup>r</sup>	8	3	2	2	1	(Z)	(Z)	8	(Z)
4th quarter <sup>P</sup>	8	3	2	1	1	(Z)	(Z)	8	(Z)
<b>AVERAGE RELATIVE STANDARD ERRORS<sup>1</sup></b>									
Annual	3	6	6	7	6	11	12	3	9
Quarterly	6	11	10	8	11	18	28	6	15
Percent distribution									
<b>ANNUAL DATA</b>									
1994	100	50	25	16	5	3	1	98	2
1995	100	47	23	19	9	2	1	98	2
1996	100	41	24	23	9	3	1	99	1
1997 <sup>P</sup>	100	44	24	21	8	2	1	98	2
<b>QUARTERLY DATA</b>									
1994:									
1st quarter	100	57	22	15	4	2	(Z)	99	1
2nd quarter	100	56	20	15	4	4	1	99	1
3rd quarter	100	46	28	17	5	2	1	98	2
4th quarter	100	44	31	16	7	2	(Z)	99	1
1995:									
1st quarter	100	54	23	14	6	2	(Z)	99	1
2nd quarter	100	47	24	20	7	2	1	99	1
3rd quarter	100	43	22	21	10	4	(Z)	98	2
4th quarter	100	45	23	19	11	2	1	98	2
1996:									
1st quarter	100	38	27	21	11	2	1	99	1
2nd quarter	100	34	24	28	9	4	1	99	1
3rd quarter	100	45	19	24	8	3	1	98	2
4th quarter	100	46	26	18	7	2	1	99	1
1997:									
1st quarter	100	45	22	22	8	2	1	98	2
2nd quarter	100	46	21	23	7	2	1	99	1
3rd quarter <sup>r</sup>	100	44	25	19	9	3	1	98	2
4th quarter <sup>P</sup>	100	42	27	18	9	2	1	98	2

<sup>P</sup>Preliminary. <sup>r</sup>Revised. Z Fewer than 500 buildings or less than 0.5 percent.<sup>1</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).