

# Characteristics of New Housing

1998

Issued July 1999

C25/98-A

## Current Construction Reports



U.S. Department of Housing  
and Urban Development  
OFFICE OF POLICY DEVELOPMENT AND RESEARCH

U.S. Department of Commerce  
Economics and Statistics Administration  
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## ACKNOWLEDGMENTS

This report was developed in the Census Bureau's Manufacturing and Construction Division. It was prepared under the general direction of **G. Daniel Sansbury**, Chief, Residential Construction Branch. **Steven Berman** and **Dale R. Jacobson** performed specific activities relating to the presentation, review, and correction of the data and to computation of sampling variances. **Carol L. Boan** and **Diane C. Roebuck** handled the computer processing. The supplement on the Survey of Market Absorption was prepared in conjunction with **Alan Friedman** of the Housing and Household Economic Statistics Division. The data for HUD-coded manufactured homes was prepared by **Brenda C. Newman** under the direction of **Michael Davis** with oversight provided by **George A. Roff Jr.**, Chief, Construction Expenditures Branch.

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## PREFACE

This report on the characteristics of new housing in 1998 is derived from the U.S. Census Bureau's Survey of Construction, Manufactured Homes Survey, and Survey of Market Absorption, which are sponsored, all or in part, by the U.S. Department of Housing and Urban Development. The report includes sections on the characteristics of single and multifamily housing completed, one-family houses sold, contractor-built houses started, new mobile home placements, and a supplement on the types and characteristics of apartment units completed in buildings having five units or more.

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# Introduction

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This 1998 annual report on the characteristics of new housing is published jointly by the U.S. Department of Commerce, Census Bureau, and the U.S. Department of Housing and Urban Development (HUD). Data are obtained from the Bureau's Survey of Construction, Survey of New Placements of HUD-Coded Manufactured Homes, and the Survey of Market Absorption. HUD sponsors all or part of these surveys.

This report provides annual estimates on selected physical and financial characteristics of new housing. The first 18 tables provide data on new housing units completed, with Tables 1 through 16 showing data by purpose of construction. Data are shown for the United States, inside or outside of metropolitan areas, and within each census region. Table 1 presents summary data for all housing units completed. Tables 2 through 16 provide specific physical or financial characteristic data for one-family houses completed. Tables 17 and 18 provide data on specific physical characteristics of multifamily buildings (more than one unit in the building) and their units.

See the Contents pages for the characteristics for which data are provided for one-family houses completed. Most, but not all, of these characteristics are shown for either the buildings or units in multifamily buildings.

Tables 19 through 25b provide financial and physical characteristics data on new one-family houses sold. This includes one-family houses sold under condominium arrangements.

Tables 26 and 27 provide financial characteristics data for contractor-built houses started. This category covers custom-built, one-family houses; that is, houses built by a general contractor on the owner's land for the owner's use.

Tables 28 through 30 provide data on HUD-coded manufactured homes placed for residential use. Data are provided for median and average sales prices as well as

certain physical characteristics. In addition to total placements, the tables display separate data for single-wide and double-wide placements. Data for the years 1994 through 1997 have been revised.

Finally, there is a supplement on the characteristics of apartment units completed in buildings with five units or more. The Census Bureau's Housing and Household Economics Statistics Division (HHES) produces these data from the Survey of Market Absorption (SOMA). This supplement shows data on the types of units completed, characteristics data about unfurnished rental apartments, and characteristics data about units sold through condominium arrangements.

Because the estimates in this report are produced from sample surveys, they are subject to sampling variability as well as to errors of response and nonreporting. They may differ from estimates of similar data published by other sources because of differences in definitions, methodologies, scope of the surveys, survey design and controls, and sampling variability.

Other principal sources of data are:

- a. The Federal Housing Administration (FHA) and Rural Housing Service (formerly Farmers Home Administration). Their publications provide more detailed information on the activities of their agencies and the characteristics of houses built under their respective programs.
- b. The Federal Housing Finance Board (FHFB) series on interest rates and other characteristics of conventional first mortgage loans. Its series on conventional first mortgage loans includes information on prices of new houses financed with conventional mortgages.

**Table 1. Purpose of Construction of New Privately Owned Housing Units Completed by Location: 1994 to 1998**

[In thousands of units. Components may not add to totals because of rounding]

Location and year	All units	In structures with—							
		1 unit					2 units or more		
		Total	For sale	For owner occupancy on owner's land		For rent	Total	For sale	For rent
				Contractor-built	Owner-built				
<b>UNITED STATES</b>									
1994 .....	1 347	1 160	740	238	160	23	187	49	138
1995 .....	1 313	1 066	682	204	146	33	247	51	196
1996 .....	1 413	1 129	746	214	136	33	284	50	234
1997 .....	1 400	1 116	757	192	138	29	284	54	230
1998 .....	1 474	1 160	815	186	127	32	314	55	260
<b>INSIDE MSA'S</b>									
1994 .....	1 086	929	672	155	86	15	157	(NA)	(NA)
1995 .....	1 065	848	617	129	81	22	217	(NA)	(NA)
1996 .....	1 163	913	678	139	75	21	250	(NA)	(NA)
1997 .....	1 153	904	692	118	75	19	249	(NA)	(NA)
1998 .....	1 229	951	741	119	69	22	277	(NA)	(NA)
<b>OUTSIDE MSA'S</b>									
1994 .....	261	232	68	83	74	7	29	(NA)	(NA)
1995 .....	248	217	65	76	65	11	31	(NA)	(NA)
1996 .....	249	215	68	76	61	12	34	(NA)	(NA)
1997 .....	248	212	66	74	63	10	35	(NA)	(NA)
1998 .....	246	208	74	66	58	10	37	(NA)	(NA)
<b>NORTHEAST</b>									
1994 .....	123	113	66	29	16	2	11	6	5
1995 .....	127	108	64	27	15	2	19	8	11
1996 .....	125	108	68	23	15	2	17	9	8
1997 .....	134	115	72	22	17	4	19	8	11
1998 .....	137	116	74	22	14	7	21	7	14
<b>MIDWEST</b>									
1994 .....	307	255	136	67	47	5	52	12	40
1995 .....	288	232	127	57	42	6	56	13	43
1996 .....	304	245	135	58	42	9	60	11	49
1997 .....	296	236	137	50	42	7	59	11	49
1998 .....	305	244	150	50	39	4	62	11	50
<b>SOUTH</b>									
1994 .....	581	507	326	106	66	9	74	14	60
1995 .....	581	472	306	92	59	16	109	13	96
1996 .....	637	507	335	105	51	16	130	15	114
1997 .....	634	506	344	91	55	16	129	19	109
1998 .....	672	517	365	85	50	17	154	21	134
<b>WEST</b>									
1994 .....	336	285	212	36	31	7	50	17	33
1995 .....	317	253	185	29	30	9	63	17	47
1996 .....	346	269	207	28	28	6	77	15	63
1997 .....	336	259	204	28	25	2	77	16	61
1998 .....	360	283	226	29	23	4	78	16	62

NA Not available.

**Table 2. Central Air-Conditioning by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and central air-conditioning	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	957	917	916	846	912	83	82	81	80	79
Not installed .....	203	199	213	219	248	17	18	19	20	21
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	804	764	767	699	761	85	85	84	83	82
Not installed .....	147	139	145	148	167	15	15	16	17	18
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	153	153	149	147	151	73	72	69	68	65
Not installed .....	56	60	67	71	81	27	28	31	32	35
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	83	77	70	67	69	72	67	64	62	61
Not installed .....	33	39	38	41	44	28	33	36	38	39
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	207	197	204	185	205	85	84	83	80	80
Not installed .....	37	39	41	47	50	15	16	17	20	20
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	510	500	498	463	497	99	99	98	98	98
Not installed .....	7	6	9	9	11	1	1	2	2	2
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	156	144	145	132	142	55	55	54	52	50
Not installed .....	127	115	124	121	143	45	45	46	48	50
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	686	637	623	566	605	84	84	84	83	82
Not installed .....	129	120	123	116	135	16	16	16	17	18
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	626	587	575	520	559	85	85	85	84	83
Not installed .....	114	105	104	97	113	15	15	15	16	17
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	60	50	49	46	46	80	77	72	71	68
Not installed .....	15	15	19	19	22	20	23	28	29	32
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	59	56	51	47	48	80	77	74	73	73
Not installed .....	14	17	17	17	18	20	23	26	27	27
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	132	121	117	107	116	88	88	87	84	85
Not installed .....	18	16	18	20	21	12	12	13	16	15
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	365	343	334	305	324	100	100	100	100	99
Not installed .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	130	118	120	107	117	58	58	58	58	55
Not installed .....	96	86	87	79	94	42	42	42	42	45
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	154	159	176	157	183	83	83	83	77	77
Not installed .....	32	33	38	47	55	17	17	17	23	23
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	104	103	118	103	125	87	87	85	81	81
Not installed .....	16	15	21	25	30	13	13	15	19	19
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	50	56	58	54	58	75	76	77	71	70
Not installed .....	16	18	17	22	25	25	24	23	29	30
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	12	12	12	14	15	57	56	54	51	52
Not installed .....	9	10	11	14	14	43	44	46	49	48
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	43	41	48	43	53	86	81	83	75	79
Not installed .....	7	9	10	14	14	14	19	17	25	21
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	83	90	102	88	102	98	98	98	96	96
Not installed .....	(B)	(B)	3	4	4	(B)	(B)	2	4	4
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	15	15	13	12	13	50	55	48	43	36
Not installed .....	14	13	15	16	23	50	45	52	57	64

See footnotes at end of table.

**Table 2. Central Air-Conditioning by Category of House and Location: 1994 to 1998—Con.**

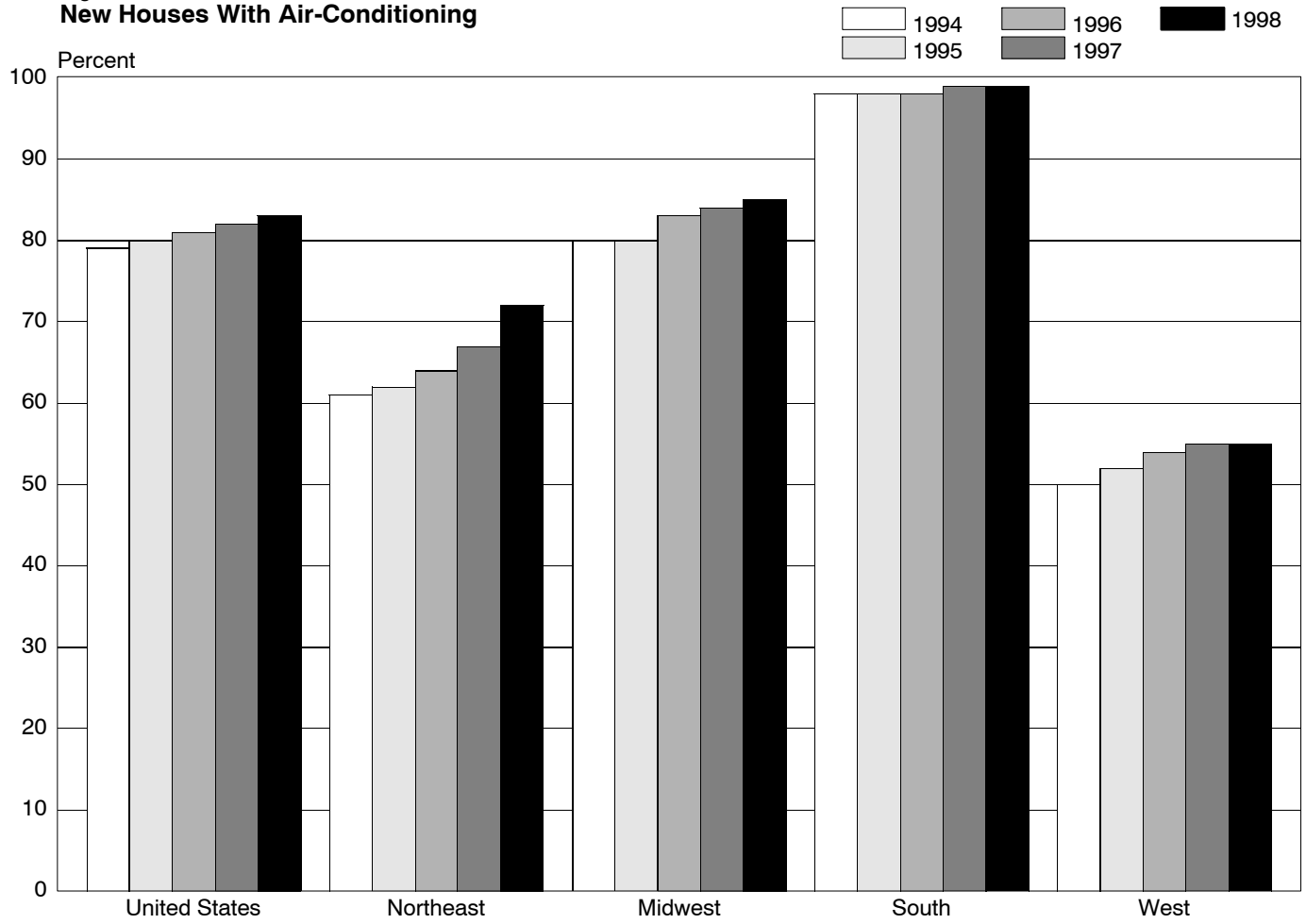
[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and central air-conditioning	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	90	95	91	100	109	71	69	67	69	69
Not installed.....	37	43	45	46	51	29	31	33	31	31
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	55	58	58	60	66	78	77	78	75	78
Not installed.....	15	17	16	20	19	22	23	22	25	22
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	35	37	33	40	43	61	59	54	61	58
Not installed.....	22	26	29	26	32	39	41	46	39	42
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	6	6	6	6	6	44	36	38	37	38
Not installed.....	8	11	9	10	10	56	64	62	63	62
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	28	28	30	29	31	71	67	71	70	67
Not installed.....	11	13	12	13	15	29	33	29	30	33
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	46	51	46	55	62	90	94	90	94	93
Not installed.....	5	4	5	4	4	10	6	10	6	7
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Installed .....	10	10	9	10	10	44	40	33	34	32
Not installed.....	13	15	19	20	21	56	60	67	66	68

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

Figure 1.  
New Houses With Air-Conditioning



**Table 3. Number of Bathrooms by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of bathrooms	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	88	98	107	120	128	8	9	9	11	11
2 bathrooms .....	474	461	467	434	469	41	41	41	41	40
2 1/2 bathrooms .....	391	373	374	348	392	34	33	33	33	34
3 bathrooms or more .....	207	185	181	163	171	18	17	16	15	15
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	58	66	70	79	81	6	7	8	9	9
2 bathrooms .....	360	348	355	324	356	38	38	39	38	38
2 1/2 bathrooms .....	353	330	334	305	344	37	36	37	36	37
3 bathrooms or more .....	181	160	155	139	148	19	18	17	16	16
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	30	32	37	41	47	15	15	17	19	20
2 bathrooms .....	114	113	112	110	113	55	53	52	51	49
2 1/2 bathrooms .....	38	43	40	43	48	18	20	19	20	21
3 bathrooms or more .....	26	25	26	24	23	12	12	12	11	10
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	19	21	20	25	27	16	18	19	23	24
2 bathrooms .....	23	22	19	19	16	20	19	18	18	14
2 1/2 bathrooms .....	61	59	54	52	57	53	51	50	48	51
3 bathrooms or more .....	13	14	15	12	12	12	12	14	11	11
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	28	35	42	42	44	12	15	17	18	17
2 bathrooms .....	85	79	80	71	83	35	34	33	31	33
2 1/2 bathrooms .....	97	90	95	89	96	40	38	39	38	38
3 bathrooms or more .....	34	32	28	30	32	14	14	11	13	13
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	28	30	30	37	38	5	6	6	8	7
2 bathrooms .....	254	248	250	229	240	49	49	49	49	47
2 1/2 bathrooms .....	143	146	144	133	155	28	29	28	28	31
3 bathrooms or more .....	91	82	83	72	75	18	16	16	15	15
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	13	12	15	16	20	5	4	5	6	7
2 bathrooms .....	112	112	118	114	129	40	43	44	45	45
2 1/2 bathrooms .....	90	79	81	74	84	32	30	30	29	29
3 bathrooms or more .....	68	56	54	49	52	24	22	20	19	18
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	39	45	48	53	60	5	6	6	8	8
2 bathrooms .....	337	321	309	285	302	41	42	41	42	41
2 1/2 bathrooms .....	300	275	267	239	267	37	36	36	35	36
3 bathrooms or more .....	139	117	122	105	110	17	15	16	15	15
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	33	40	40	45	50	5	6	6	7	7
2 bathrooms .....	286	277	265	244	262	39	40	39	40	39
2 1/2 bathrooms .....	288	262	255	229	255	39	38	38	37	38
3 bathrooms or more .....	134	113	118	99	105	18	16	17	16	16
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	6	5	8	8	10	8	7	11	12	15
2 bathrooms .....	51	44	44	41	40	69	68	65	63	59
2 1/2 bathrooms .....	12	13	12	10	12	17	20	18	16	19
3 bathrooms or more .....	5	4	4	6	5	7	6	6	9	8
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	9	10	11	15	17	12	14	16	23	26
2 bathrooms .....	13	13	10	9	7	17	17	14	14	11
2 1/2 bathrooms .....	44	41	38	32	34	60	57	55	51	52
3 bathrooms or more .....	8	8	10	8	7	11	11	14	12	11
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	13	18	20	20	20	9	13	15	15	15
2 bathrooms .....	49	44	43	39	42	33	32	32	31	31
2 1/2 bathrooms .....	69	59	58	54	58	46	43	43	42	43
3 bathrooms or more .....	18	16	15	14	16	12	12	11	11	11
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	11	10	9	12	14	3	3	3	4	4
2 bathrooms .....	183	174	163	150	152	50	51	49	49	47
2 1/2 bathrooms .....	112	108	106	96	110	31	31	32	31	34
3 bathrooms or more .....	60	51	57	48	50	16	15	17	16	15
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	7	6	8	7	9	3	3	4	4	4
2 bathrooms .....	93	90	94	88	101	41	44	45	47	48
2 1/2 bathrooms .....	75	67	65	56	64	33	33	31	30	30
3 bathrooms or more .....	52	41	41	35	37	23	20	20	19	18
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	12	17	19	24	26	7	9	9	12	11
2 bathrooms .....	74	73	86	75	91	40	38	40	37	38
2 1/2 bathrooms .....	58	61	62	60	71	31	32	29	29	30
3 bathrooms or more .....	41	41	48	45	50	22	21	22	22	21
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	7	8	10	12	12	6	7	7	10	8
2 bathrooms .....	39	37	50	40	52	33	32	36	31	34
2 1/2 bathrooms .....	44	44	46	43	53	37	37	33	33	34
3 bathrooms or more .....	29	29	33	33	37	25	24	24	26	24
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	5	9	9	12	14	8	13	12	15	16
2 bathrooms .....	35	36	36	35	39	53	48	47	46	47
2 1/2 bathrooms .....	14	17	16	17	18	21	23	21	23	22
3 bathrooms or more .....	12	12	15	12	13	18	17	20	16	15

See footnotes at end of table.

**Table 3. Number of Bathrooms by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of bathrooms	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	3	4	4	4	4	12	16	17	16	15
2 bathrooms .....	6	5	5	6	5	27	22	21	23	18
2 1/2 bathrooms .....	10	10	10	12	15	47	47	43	43	51
3 bathrooms or more .....	3	3	4	5	5	13	15	19	17	16
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	4	6	7	9	8	9	12	12	16	12
2 bathrooms .....	19	18	20	17	23	37	35	34	29	35
2 1/2 bathrooms .....	18	18	22	20	22	35	36	38	36	33
3 bathrooms or more .....	10	9	10	11	14	19	18	16	19	20
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	4	6	7	9	9	4	6	6	10	9
2 bathrooms .....	40	40	51	42	50	48	43	49	46	48
2 1/2 bathrooms .....	21	26	23	20	24	25	28	22	22	22
3 bathrooms or more .....	19	20	25	21	22	23	22	24	23	21
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	10
2 bathrooms .....	9	11	10	10	12	32	39	37	36	34
2 1/2 bathrooms .....	9	6	7	7	11	30	23	25	26	30
3 bathrooms or more .....	10	9	9	9	10	33	31	33	31	26
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	22	21	22	26	29	17	15	16	18	18
2 bathrooms .....	50	55	53	52	59	39	40	39	36	37
2 1/2 bathrooms .....	30	34	36	39	43	23	25	26	27	27
3 bathrooms or more .....	26	27	26	29	30	20	20	19	20	19
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	7	8	8	11	11	11	11	11	14	13
2 bathrooms .....	26	26	25	25	29	37	34	34	31	34
2 1/2 bathrooms .....	19	22	25	26	28	27	30	32	32	32
3 bathrooms or more .....	17	18	18	19	19	25	25	23	23	22
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	15	13	14	15	18	25	20	23	23	24
2 bathrooms .....	24	29	28	27	30	42	47	45	41	40
2 1/2 bathrooms .....	11	12	11	13	15	19	19	19	20	21
3 bathrooms or more .....	9	9	8	10	11	15	14	14	16	15
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	3	4	3	4	3	20	23	23	28	20
2 bathrooms .....	3	4	4	3	3	25	25	27	20	20
2 1/2 bathrooms .....	6	6	5	6	6	40	36	34	37	39
3 bathrooms or more .....	(B)	3	(B)	(B)	3	(B)	16	(B)	(B)	22
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	8	7	9	10	11	20	18	21	23	24
2 bathrooms .....	15	15	14	13	15	39	36	33	32	32
2 1/2 bathrooms .....	10	12	13	13	13	25	28	30	30	29
3 bathrooms or more .....	6	7	7	7	7	16	18	16	16	15
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	8	7	7	9	9	15	12	13	15	14
2 bathrooms .....	23	27	24	25	29	45	49	47	42	43
2 1/2 bathrooms .....	9	11	10	12	16	17	20	20	21	25
3 bathrooms or more .....	11	10	10	13	12	23	19	20	22	19
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 1/2 bathrooms or less .....	3	3	3	4	5	13	11	11	12	16
2 bathrooms .....	9	9	10	11	12	36	38	38	35	39
2 1/2 bathrooms .....	6	6	6	8	7	25	23	28	28	22
3 bathrooms or more .....	6	7	6	7	7	26	28	23	25	23

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

Note: The few houses having less than 1 bathroom are included with those having 1 bathroom.

**Table 4. Number of Bedrooms by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of bedrooms	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	139	142	143	137	142	12	13	13	13	12
3 bedrooms .....	642	624	635	610	669	55	56	56	57	58
4 bedrooms or more .....	379	350	350	319	350	33	31	31	30	30
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	98	99	96	92	92	10	11	11	11	10
3 bedrooms .....	502	483	497	466	517	53	53	54	55	56
4 bedrooms or more .....	352	322	319	290	320	37	36	35	34	34
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	41	43	47	45	50	19	20	22	21	22
3 bedrooms .....	140	141	138	143	152	67	66	64	66	66
4 bedrooms or more .....	27	28	31	28	30	13	13	14	13	13
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	26	24	20	19	23	22	20	18	18	20
3 bedrooms .....	51	50	52	53	52	43	44	48	49	46
4 bedrooms or more .....	40	41	36	35	38	34	36	34	33	34
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	39	42	42	40	39	16	18	17	17	15
3 bedrooms .....	132	130	137	126	143	54	55	56	54	56
4 bedrooms or more .....	73	64	65	65	73	30	27	27	28	29
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	43	46	47	43	44	8	9	9	9	9
3 bedrooms .....	315	306	309	293	316	61	61	61	62	62
4 bedrooms or more .....	160	153	152	136	147	31	30	30	29	29
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	31	30	34	34	36	11	12	13	13	13
3 bedrooms .....	144	136	138	137	157	51	53	51	54	55
4 bedrooms or more .....	107	93	97	82	92	38	36	36	32	32
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	76	77	74	67	71	9	10	10	10	10
3 bedrooms .....	442	417	410	385	418	54	55	55	56	57
4 bedrooms or more .....	296	263	262	230	250	36	35	35	34	34
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	67	69	63	57	60	9	10	9	9	9
3 bedrooms .....	386	367	362	337	368	52	53	53	55	55
4 bedrooms or more .....	287	255	253	223	243	39	37	37	36	36
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	9	8	11	10	11	13	12	16	15	16
3 bedrooms .....	56	50	48	48	50	75	76	72	74	74
4 bedrooms or more .....	9	8	9	7	7	12	12	13	11	10
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	17	15	14	13	17	22	21	20	21	25
3 bedrooms .....	29	29	30	29	27	40	40	44	45	41
4 bedrooms or more .....	28	28	24	22	22	38	39	35	34	34
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	23	24	23	20	18	15	18	17	16	13
3 bedrooms .....	76	71	69	66	73	50	52	51	52	54
4 bedrooms or more .....	51	42	43	40	45	34	31	32	32	33
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	19	19	18	15	17	5	6	5	5	5
3 bedrooms .....	221	210	202	187	200	61	61	60	61	61
4 bedrooms or more .....	125	114	115	103	109	34	33	34	34	33
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	18	18	19	18	19	8	9	9	10	9
3 bedrooms .....	116	107	108	103	118	51	53	52	56	56
4 bedrooms or more .....	92	78	80	65	74	41	38	39	35	35
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	20	23	25	25	29	11	12	12	12	12
3 bedrooms .....	111	115	131	125	145	60	60	61	61	61
4 bedrooms or more .....	54	54	58	55	64	29	28	27	27	27
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	10	10	12	12	13	8	9	9	9	8
3 bedrooms .....	66	65	81	74	90	55	55	58	57	58
4 bedrooms or more .....	43	43	46	44	52	36	37	33	34	33
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	10	13	13	13	16	16	18	17	18	19
3 bedrooms .....	45	50	50	51	55	68	67	67	67	66
4 bedrooms or more .....	11	11	12	11	12	16	15	16	15	15
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	3	3	(B)	3	3	13	15	(B)	11	10
3 bedrooms .....	12	11	13	16	15	54	49	55	58	52
4 bedrooms or more .....	7	8	8	9	11	33	36	36	32	38
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	5	6	7	7	9	10	11	11	12	14
3 bedrooms .....	32	32	37	34	40	63	64	64	60	59
4 bedrooms or more .....	14	13	15	16	18	27	25	25	28	27

See footnotes at end of table.



**Table 4. Number of Bedrooms by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of bedrooms	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
Con.										
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	7	9	11	10	10	8	10	11	11	10
3 bedrooms .....	54	57	69	60	71	64	62	66	66	67
4 bedrooms or more .....	24	26	25	21	24	29	28	24	23	23
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	6	5	6	5	7	20	18	21	18	18
3 bedrooms .....	14	15	12	15	19	48	53	45	52	53
4 bedrooms or more .....	9	8	10	9	10	32	29	35	31	29
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	25	26	26	28	28	19	19	19	19	18
3 bedrooms .....	76	79	82	85	97	60	58	60	58	61
4 bedrooms or more .....	26	32	28	33	35	21	23	20	23	22
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	10	9	10	13	11	14	13	13	16	12
3 bedrooms .....	40	42	47	45	51	59	56	62	55	59
4 bedrooms or more .....	19	24	19	24	25	27	32	25	29	28
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	15	17	16	15	17	26	27	27	23	24
3 bedrooms .....	36	37	35	40	46	61	60	58	62	62
4 bedrooms or more .....	7	8	9	9	10	12	13	15	14	14
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	(B)	3	3	3	(B)	(B)	20	17	18	(B)
3 bedrooms .....	8	9	8	8	9	56	52	56	51	55
4 bedrooms or more .....	4	5	4	5	5	28	28	27	32	32
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	8	8	8	9	9	20	20	19	22	18
3 bedrooms .....	24	24	27	24	29	60	59	63	56	62
4 bedrooms or more .....	8	9	7	9	9	20	22	17	22	20
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	9	9	9	9	11	18	17	17	16	16
3 bedrooms .....	32	34	32	39	43	64	62	63	66	64
4 bedrooms or more .....	9	12	10	11	13	18	21	20	19	20
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 bedrooms or less .....	5	5	7	7	7	23	22	25	23	23
3 bedrooms .....	12	13	15	15	17	53	51	52	50	54
4 bedrooms or more .....	5	7	6	8	7	23	27	22	27	23

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

**Table 5. Type of Construction Method by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of construction method	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	1 082	1 046	1 059	1 001	1 093	93	94	94	94	94
Modular .....	44	40	37	35	38	4	4	3	3	3
Other <sup>2</sup> .....	34	30	32	29	30	3	3	3	3	3
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	900	858	867	807	887	95	95	95	95	95
Modular .....	21	21	19	17	18	2	2	2	2	2
Other <sup>2</sup> .....	30	25	27	24	25	3	3	3	3	3
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	182	188	192	194	206	87	89	89	89	89
Modular .....	23	19	18	18	20	11	9	8	8	9
Other <sup>2</sup> .....	4	5	5	5	5	2	2	2	2	2
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	104	102	92	92	98	89	88	85	85	87
Modular .....	9	10	9	10	10	8	9	9	9	9
Other <sup>2</sup> .....	4	4	6	6	5	3	3	6	5	4
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	217	209	220	210	231	89	89	90	90	90
Modular .....	18	17	16	15	17	7	7	7	7	7
Other <sup>2</sup> .....	8	9	8	7	7	3	3	3	3	3
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	486	481	483	449	484	94	95	95	95	95
Modular .....	13	10	8	8	8	3	2	2	2	2
Other <sup>2</sup> .....	18	14	15	15	15	3	3	3	3	3
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	274	253	264	250	280	97	98	98	99	98
Modular .....	4	3	3	(B)	3	1	1	1	(B)	1
Other <sup>2</sup> .....	4	3	(B)	(B)	3	2	1	(B)	(B)	1
<b>BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>739</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	779	727	716	654	712	96	96	96	96	96
Modular .....	9	7	7	7	8	1	1	1	1	1
Other <sup>2</sup> .....	28	22	23	21	20	3	3	3	3	3
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>671</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	707	663	651	592	648	95	96	96	96	97
Modular .....	8	6	5	5	5	1	1	1	1	1
Other <sup>2</sup> .....	27	22	22	20	19	4	3	3	3	3
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	72	64	65	62	64	97	97	96	95	94
Modular .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	4
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>65</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	70	67	61	57	59	94	92	90	89	91
Modular .....	(B)	3	(B)	3	3	(B)	4	(B)	5	5
Other <sup>2</sup> .....	3	3	5	4	3	4	4	7	6	5
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	141	130	127	120	130	94	94	94	95	96
Modular .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	6	7	5	4	4	4	5	4	3	3
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	347	330	321	292	313	95	96	96	96	96
Modular .....	3	(B)	(B)	(B)	(B)	1	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	16	12	13	12	11	4	3	4	4	4
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	221	201	206	184	210	98	99	99	99	99
Modular .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	3	(B)	(B)	(B)	(B)	1	(B)	(B)	(B)	(B)
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	163	171	193	183	215	88	89	90	90	90
Modular .....	19	18	18	17	18	10	9	8	8	8
Other <sup>2</sup> .....	3	4	4	4	5	2	2	2	2	2
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	110	109	129	119	144	92	92	93	93	93
Modular .....	7	7	8	7	8	6	6	6	6	5
Other <sup>2</sup> .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	2	2
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	53	62	64	64	71	80	84	85	85	86
Modular .....	12	11	10	10	10	18	14	13	13	12
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	17	18	18	22	24	76	83	79	81	82
Modular .....	5	3	4	4	4	22	15	17	16	14
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	41	40	49	48	56	82	80	85	84	83
Modular .....	8	9	8	8	10	15	17	13	14	14
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	78	85	98	86	100	92	93	94	94	95
Modular .....	6	5	5	4	4	7	5	5	4	4
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

See footnotes at end of table.

**Table 5. Type of Construction Method by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of construction method	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	27	27	26	27	35	95	96	94	96	97
Modular .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	109	121	122	132	144	86	88	90	90	90
Modular .....	15	13	10	10	12	12	9	8	7	7
Other <sup>2</sup> .....	3	4	3	4	4	2	3	2	3	3
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>87</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	62	68	69	75	80	90	91	93	93	92
Modular .....	6	5	4	4	5	8	7	6	5	6
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>73</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	47	53	53	57	64	82	85	87	87	87
Modular .....	9	8	6	6	7	16	12	10	9	9
Other <sup>2</sup> .....	(B)	3	(B)	(B)	(B)	(B)	4	(B)	(B)	(B)
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	11	14	12	12	13	82	82	82	79	82
Modular .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	31	33	35	36	40	78	80	84	85	84
Modular .....	8	7	6	5	6	20	17	14	11	12
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	45	51	48	55	62	90	93	95	94	93
Modular .....	4	3	(B)	(B)	3	8	5	(B)	(B)	5
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Stick-built .....	22	23	26	29	29	93	95	95	96	95
Modular .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).  
<sup>2</sup>Includes panelized and precut units.

**Table 6. Principal Type of Exterior Wall Material by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and exterior wall material	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	241	231	235	217	247	21	21	21	20	21
Wood .....	184	211	254	264	313	16	19	23	25	27
Stucco .....	208	178	175	164	175	18	16	16	16	15
Vinyl siding .....	432	405	371	325	322	37	36	33	30	28
Aluminum siding .....	17	18	26	34	45	1	2	2	3	4
Other <sup>2</sup> .....	77	73	68	62	57	7	6	6	6	5
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	213	200	202	183	210	22	22	22	22	23
Wood .....	147	165	197	200	237	16	18	22	24	26
Stucco .....	195	162	159	149	163	21	18	17	18	18
Vinyl siding .....	317	298	273	234	228	33	33	30	28	24
Aluminum siding .....	15	16	23	32	43	2	2	3	4	5
Other <sup>2</sup> .....	64	63	59	52	47	7	7	6	6	5
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	28	31	33	33	37	14	15	15	15	16
Wood .....	37	46	57	65	76	18	22	26	30	33
Stucco .....	13	16	16	16	12	6	8	8	7	5
Vinyl siding .....	115	107	98	90	94	55	50	45	41	41
Aluminum siding .....	(B)	(B)	3	(B)	(B)	(B)	(B)	1	(B)	(B)
Other <sup>2</sup> .....	13	10	9	10	10	6	5	4	5	4
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	4	5	5	7	5	3	4	5	6	5
Wood .....	22	26	27	30	36	19	23	25	28	32
Stucco .....	4	3	3	4	3	4	3	3	3	2
Vinyl siding .....	84	79	70	62	64	72	68	65	58	57
Aluminum siding .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	3	3
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	33	31	30	28	31	14	13	12	12	12
Wood .....	44	47	53	53	67	18	20	22	23	26
Stucco .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Vinyl siding .....	145	138	139	124	127	59	58	57	53	50
Aluminum siding .....	11	12	14	17	20	5	5	6	7	8
Other <sup>2</sup> .....	8	6	6	7	8	3	3	3	3	3
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	199	189	192	176	200	39	37	38	37	40
Wood .....	36	53	78	82	91	7	11	15	17	18
Stucco .....	48	34	29	32	39	9	7	6	7	8
Vinyl siding .....	176	168	147	125	121	34	33	29	26	24
Aluminum siding .....	(B)	3	6	9	12	(B)	1	1	2	2
Other <sup>2</sup> .....	56	58	56	48	43	11	11	11	10	8
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	5	6	8	6	10	2	2	3	2	4
Wood .....	83	84	96	98	120	29	32	36	39	42
Stucco .....	154	140	140	126	131	55	54	52	50	46
Vinyl siding .....	27	20	16	13	10	8	8	6	5	3
Aluminum siding .....	(B)	(B)	4	4	9	(B)	(B)	2	2	3
Other <sup>2</sup> .....	11	8	5	6	5	4	3	2	2	2
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	173	155	153	135	150	21	20	20	20	20
Wood .....	123	135	161	157	194	15	18	22	23	26
Stucco .....	178	150	148	135	146	22	20	20	20	20
Vinyl siding .....	274	249	220	185	174	34	33	29	27	23
Aluminum siding .....	14	14	21	28	36	2	2	3	4	5
Other <sup>2</sup> .....	53	54	43	41	38	6	7	6	6	5
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	163	146	143	127	140	22	21	21	21	21
Wood .....	113	124	145	135	170	15	18	21	22	25
Stucco .....	172	144	139	127	141	23	21	21	21	21
Vinyl siding .....	230	214	190	160	149	31	31	28	26	22
Aluminum siding .....	13	14	20	28	35	2	2	3	5	5
Other <sup>2</sup> .....	49	51	41	38	35	7	7	6	6	5
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	10	9	10	8	10	13	13	15	12	14
Wood .....	10	11	16	22	24	13	17	24	33	35
Stucco .....	6	6	9	8	5	8	10	13	12	8
Vinyl siding .....	44	35	30	25	25	59	54	45	38	37
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	4	3	(B)	3	3	6	5	(B)	4	5
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	3	3	3	4	3	4	4	4	7	4
Wood .....	12	14	14	15	19	16	20	21	23	29
Stucco .....	3	(B)	3	3	(B)	4	(B)	4	5	(B)
Vinyl siding .....	54	51	47	38	38	74	71	68	60	58
Aluminum siding .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	5	4
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	21	17	15	15	16	14	12	11	12	12
Wood .....	31	30	32	30	38	21	22	24	23	28
Stucco .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Vinyl siding .....	82	77	73	64	62	55	56	54	50	45
Aluminum siding .....	9	9	11	14	16	6	7	8	11	12
Other <sup>2</sup> .....	4	3	3	3	4	2	2	2	3	3

See footnotes at end of table.

**Table 6. Principal Type of Exterior Wall Material by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and exterior wall material	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>HOUSES BUILT FOR SALE—Con.</b>										
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	145	131	130	113	126	40	38	39	37	39
Wood .....	21	33	52	53	61	6	9	16	17	19
Stucco .....	38	24	19	23	28	10	7	6	8	9
Vinyl siding .....	117	107	90	75	68	32	31	27	25	21
Aluminum siding .....	(B)	(B)	5	8	12	(B)	(B)	1	3	4
Other <sup>2</sup> .....	43	46	38	34	31	12	13	11	11	10
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	3	3	4	3	6	1	1	2	2	3
Wood .....	59	58	63	60	76	26	29	30	32	36
Stucco .....	136	123	124	108	115	60	60	60	58	54
Vinyl siding .....	20	14	10	8	6	9	7	5	4	3
Aluminum siding .....	(B)	(B)	3	3	6	(B)	(B)	1	2	3
Other <sup>2</sup> .....	6	5	(B)	3	3	3	2	(B)	2	1
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	37	42	47	45	59	20	22	22	22	25
Wood .....	28	35	44	47	57	15	18	20	23	24
Stucco .....	19	17	16	16	18	10	9	8	8	8
Vinyl siding .....	86	84	87	79	86	46	44	41	39	36
Aluminum siding .....	(B)	(B)	(B)	(B)	6	(B)	(B)	(B)	(B)	3
Other <sup>2</sup> .....	14	11	19	14	12	7	6	9	7	5
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	26	30	34	31	42	22	25	25	24	28
Wood .....	18	20	28	30	36	15	17	20	24	23
Stucco .....	14	12	11	12	15	12	10	8	10	10
Vinyl siding .....	50	47	51	44	50	42	40	37	34	32
Aluminum siding .....	(B)	(B)	(B)	(B)	5	(B)	(B)	(B)	(B)	3
Other <sup>2</sup> .....	10	7	14	8	7	8	6	10	7	5
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	11	12	13	14	17	17	16	17	18	20
Wood .....	10	15	16	17	21	15	21	21	22	25
Stucco .....	5	5	5	4	3	7	7	7	5	4
Vinyl siding .....	36	37	36	35	36	54	50	47	46	44
Aluminum siding .....	(B)	(B)	(B)	(B)	5	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	4	4	5	6	5	7	5	7	8	6
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Wood .....	5	6	8	10	9	23	28	33	35	30
Stucco .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Vinyl siding .....	15	14	14	15	17	70	63	58	56	59
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	7	7	9	7	9	14	14	16	13	14
Wood .....	6	7	10	11	15	13	14	17	19	22
Stucco .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Vinyl siding .....	33	33	35	34	38	66	65	60	60	56
Aluminum siding .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	4
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	29	32	35	35	45	34	35	33	39	43
Wood .....	6	9	12	12	14	7	10	12	13	13
Stucco .....	7	7	7	6	8	7	7	6	7	8
Vinyl siding .....	34	35	36	28	29	41	38	34	30	27
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	8	8	15	10	9	10	9	14	11	8
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	9
Wood .....	11	12	14	14	20	38	43	50	51	54
Stucco .....	11	9	9	9	9	39	33	31	30	25
Vinyl siding .....	3	3	(B)	3	(B)	10	9	(B)	9	(B)
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	3	(B)	(B)	(B)	(B)	10	(B)	(B)	(B)	(B)
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	23	27	27	30	33	18	20	20	20	21
Wood .....	29	37	43	51	53	23	27	32	35	33
Stucco .....	9	10	8	9	9	7	7	6	6	6
Vinyl siding .....	56	54	50	47	56	44	40	37	33	35
Aluminum siding .....	(B)	(B)	3	3	3	(B)	(B)	2	2	2
Other <sup>2</sup> .....	9	6	5	6	6	7	4	3	4	4
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	17	19	19	20	23	24	25	25	24	27
Wood .....	14	19	20	26	26	20	25	27	32	30
Stucco .....	7	6	6	6	6	10	9	9	7	7
Vinyl siding .....	26	26	25	24	26	38	35	34	29	30
Aluminum siding .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	3
Other <sup>2</sup> .....	5	3	3	4	4	6	4	4	5	5
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	6	8	8	10	10	13	13	14	15	13
Wood .....	15	18	23	25	28	27	30	37	38	38
Stucco .....	(B)	4	(B)	3	3	(B)	6	(B)	5	4
Vinyl siding .....	30	28	25	24	30	51	45	41	37	41
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	4	3	(B)	(B)	(B)	7	5	(B)	(B)	(B)

See footnotes at end of table.

**Table 6. Principal Type of Exterior Wall Material by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and exterior wall material	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>OWNER-BUILT HOUSES—Con.</b>										
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Wood .....	4	5	5	6	7	31	32	36	38	44
Stucco .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Vinyl siding .....	8	10	9	7	8	60	61	58	49	47
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	4	5	4	5	5	11	12	10	12	11
Wood .....	5	9	10	11	12	14	23	23	26	26
Stucco .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Vinyl siding .....	27	24	25	23	25	68	59	60	55	54
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	17	21	21	22	25	34	38	40	38	38
Wood .....	9	11	11	14	15	17	20	22	24	22
Stucco .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	4
Vinyl siding .....	18	17	14	15	21	36	32	28	26	32
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	4	3	(B)	3	3	8	5	(B)	6	4
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Brick .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Wood .....	11	12	16	19	19	47	49	59	65	63
Stucco .....	6	7	6	6	6	28	30	20	21	18
Vinyl siding .....	3	(B)	(B)	(B)	(B)	13	(B)	(B)	(B)	(B)
Aluminum siding .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

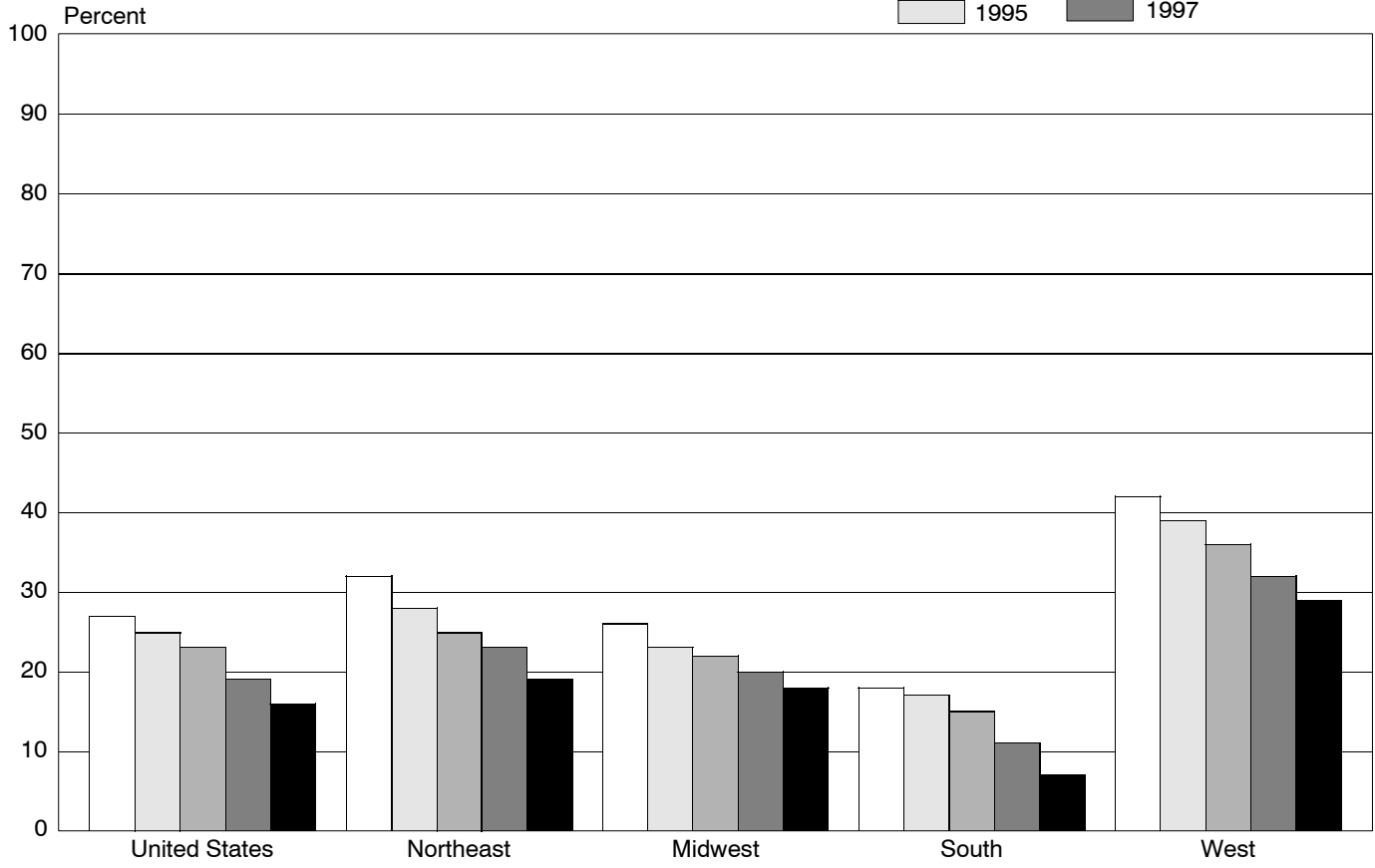
B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

<sup>2</sup>Includes cinder block, stone, and other types.

Figure 2.  
**New Houses Using Wood as Exterior Wall Material**

1994 1996 1998  
1995 1997



**Table 7. Type of Financing by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of financing	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b>	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	1 049	981	961	893	989	100	100	100	100	100
FHA insured	79	83	84	70	80	8	9	9	8	8
VA guaranteed	43	41	49	44	51	4	4	5	5	5
Conventional <sup>3</sup>	821	751	714	660	735	78	77	74	74	74
Rural Housing Service	9	8	9	12	10	1	1	1	1	1
Cash	98	98	104	108	113	9	10	11	12	11
<b>Inside MSAs</b>	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	861	795	778	714	791	100	100	100	100	100
FHA insured	74	78	80	65	75	9	10	10	9	10
VA guaranteed	39	38	46	41	47	5	5	6	6	6
Conventional <sup>3</sup>	683	616	586	542	597	79	77	75	76	75
Rural Housing Service	(Z)	4	7	8	5	(S)	1	1	1	1
Cash	61	58	60	59	67	7	7	8	8	8
<b>Outside MSAs</b>	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	188	186	182	179	198	100	100	100	100	100
FHA insured	5	5	4	5	5	3	3	2	3	2
VA guaranteed	3	3	3	4	3	2	1	2	2	2
Conventional <sup>3</sup>	138	135	128	118	139	73	73	70	66	70
Rural Housing Service	5	3	3	4	5	3	2	1	2	2
Cash	37	40	44	48	47	20	22	24	27	23
<b>Northeast</b>	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	104	98	82	79	87	100	100	100	100	100
FHA insured	1	2	1	1	1	1	2	2	2	2
VA guaranteed	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup>	92	86	73	71	78	88	88	88	90	90
Rural Housing Service	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash	11	10	8	6	6	10	10	9	7	7
<b>Midwest</b>	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	223	210	212	201	225	100	100	100	100	100
FHA insured	8	9	9	8	7	3	4	4	4	3
VA guaranteed	3	2	3	3	3	1	1	1	1	1
Conventional <sup>3</sup>	194	179	177	168	188	87	86	84	83	84
Rural Housing Service	(Z)	(Z)	(Z)	1	1	(S)	(S)	(S)	1	1
Cash	18	18	22	22	25	8	9	10	11	11
<b>South</b>	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	458	440	432	397	436	100	100	100	100	100
FHA insured	38	41	44	35	43	8	9	10	9	10
VA guaranteed	24	27	32	28	32	5	6	7	7	7
Conventional <sup>3</sup>	350	326	303	277	303	76	74	70	70	69
Rural Housing Service	6	5	5	8	8	1	1	1	2	2
Cash	39	42	48	49	51	8	10	11	12	12
<b>West</b>	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	264	233	235	217	242	100	100	100	100	100
FHA insured	32	32	29	26	29	12	14	12	12	12
VA guaranteed	15	11	14	13	15	6	5	6	6	6
Conventional <sup>3</sup>	186	160	161	144	166	70	69	69	67	69
Rural Housing Service	2	2	4	2	(Z)	1	1	2	1	(S)
Cash	30	28	27	31	31	11	12	11	14	13
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b>	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	737	665	633	564	619	100	100	100	100	100
FHA insured	74	78	78	66	74	10	12	12	12	12
VA guaranteed	40	39	47	43	48	5	6	7	8	8
Conventional <sup>3</sup>	575	506	468	413	453	78	76	74	73	73
Rural Housing Service	7	6	7	9	7	1	1	1	2	1
Cash	40	37	32	33	36	5	6	5	6	6
<b>Inside MSAs</b>	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	671	611	579	515	565	100	100	100	100	100
FHA insured	71	74	75	62	72	11	12	13	12	13
VA guaranteed	38	37	44	40	46	6	6	8	8	8
Conventional <sup>3</sup>	526	466	430	382	414	79	76	74	74	73
Rural Housing Service	4	4	6	7	4	1	1	1	1	1
Cash	32	31	24	24	29	5	5	4	5	5
<b>Outside MSAs</b>	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	67	55	54	49	54	100	100	100	100	100
FHA insured	4	4	3	4	3	6	8	6	9	5
VA guaranteed	2	2	2	3	3	3	3	4	7	5
Conventional <sup>3</sup>	49	41	39	31	38	73	74	72	63	72
Rural Housing Service	4	2	1	2	3	6	3	3	4	5
Cash	8	6	8	9	7	12	12	15	18	13
<b>Northeast</b>	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	67	62	52	43	48	100	100	100	100	100
FHA insured	1	1	1	1	1	1	2	3	2	3
VA guaranteed	(Z)	(Z)	(Z)	1	(Z)	(S)	(S)	(S)	1	(S)
Conventional <sup>3</sup>	60	56	48	40	45	90	91	92	92	93
Rural Housing Service	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash	6	4	3	2	2	9	7	5	4	4
<b>Midwest</b>	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup>	135	119	113	105	116	100	100	100	100	100
FHA insured	7	8	9	7	6	5	7	8	6	5
VA guaranteed	2	2	3	2	2	2	2	2	2	2
Conventional <sup>3</sup>	119	102	95	89	100	88	86	84	85	87
Rural Housing Service	(Z)	(Z)	(Z)	(Z)	1	(S)	(S)	(S)	(S)	1
Cash	6	6	6	7	6	4	5	5	6	5

See footnotes at end of table.



**Table 7. Type of Financing by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of financing	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>HOUSES BUILT FOR SALE—Con.</b>										
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup> .....	324	300	285	255	276	100	100	100	100	100
FHA insured .....	35	37	40	33	39	11	12	14	13	14
VA guaranteed .....	23	25	30	28	31	7	8	11	11	11
Conventional <sup>3</sup> .....	246	219	198	175	185	76	73	70	69	67
Rural Housing Service .....	5	4	4	7	6	1	1	1	3	2
Cash .....	15	15	14	13	15	5	5	5	5	5
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported <sup>2</sup> .....	212	184	183	160	179	100	100	100	100	100
FHA insured .....	31	31	29	26	28	14	17	16	16	15
VA guaranteed .....	15	11	14	12	15	7	6	7	8	8
Conventional <sup>3</sup> .....	151	128	127	109	123	71	70	69	68	69
Rural Housing Service .....	2	2	3	2	(Z)	1	1	2	1	(S)
Cash .....	13	12	10	12	13	6	6	6	7	7
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	172	171	187	178	212	100	100	100	100	100
FHA insured .....	3	4	5	2	4	2	3	2	1	2
VA guaranteed .....	2	2	2	(Z)	2	1	1	1	(S)	1
Conventional <sup>3</sup> .....	143	141	148	142	172	83	82	79	80	81
Rural Housing Service .....	(Z)	(Z)	2	2	2	(S)	(S)	1	1	1
Cash .....	25	24	31	31	31	14	14	16	17	15
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	110	104	120	112	138	100	100	100	100	100
FHA insured .....	2	4	4	2	2	2	4	3	2	2
VA guaranteed .....	1	1	1	1	1	1	1	1	1	1
Conventional <sup>3</sup> .....	93	89	99	94	119	85	86	82	84	86
Rural Housing Service .....	(Z)	(Z)	1	1	(Z)	(S)	(S)	1	1	(S)
Cash .....	14	10	15	14	15	12	9	12	13	11
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	62	67	67	67	74	100	100	100	100	100
FHA insured .....	1	1	1	1	2	2	1	1	1	2
VA guaranteed .....	1	(Z)	1	(Z)	(Z)	1	(S)	1	(S)	(S)
Conventional <sup>3</sup> .....	49	52	49	48	54	79	77	73	72	73
Rural Housing Service .....	(Z)	(Z)	1	2	2	(S)	(S)	1	2	2
Cash .....	11	14	16	16	16	18	21	24	24	22
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	19	19	17	22	24	100	100	100	100	100
FHA insured .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	17	17	16	21	22	88	89	91	93	91
Rural Housing Service .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash .....	2	2	1	1	2	11	10	7	6	8
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	48	47	55	53	63	100	100	100	100	100
FHA insured .....	(Z)	1	1	1	1	(S)	1	1	1	1
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	1	(S)	(S)	(S)	(S)	1
Conventional <sup>3</sup> .....	43	42	46	45	54	89	89	85	85	86
Rural Housing Service .....	(Z)	(Z)	(Z)	1	1	(S)	(S)	1	1	1
Cash .....	5	5	8	7	7	10	10	14	12	11
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	78	80	90	78	93	100	100	100	100	100
FHA insured .....	2	3	3	1	3	3	3	4	2	3
VA guaranteed .....	2	2	2	(Z)	1	2	1	2	(S)	1
Conventional <sup>3</sup> .....	63	65	68	59	72	81	80	75	76	78
Rural Housing Service .....	(Z)	1	1	1	2	(S)	1	1	2	2
Cash .....	11	11	16	16	16	14	14	18	20	17
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	27	24	25	25	32	100	100	100	100	100
FHA insured .....	1	1	1	(Z)	1	3	3	2	(S)	2
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	19	17	18	17	25	72	71	73	69	77
Rural Housing Service .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash .....	7	6	6	7	7	25	25	23	28	20
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	114	123	118	126	142	100	100	100	100	100
FHA insured .....	1	1	1	1	2	1	1	1	1	1
VA guaranteed .....	1	(Z)	(Z)	(Z)	(Z)	1	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	82	87	80	86	98	72	71	68	68	69
Rural Housing Service .....	1	1	(Z)	(Z)	(Z)	1	1	(S)	(S)	(S)
Cash .....	29	34	37	39	41	26	27	31	31	29
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	63	66	65	70	77	100	100	100	100	100
FHA insured .....	1	1	(Z)	1	1	1	1	(S)	1	1
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	48	50	47	52	56	77	75	72	74	73
Rural Housing Service .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash .....	14	15	17	17	19	22	23	27	24	25
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	51	56	53	56	65	100	100	100	100	100
FHA insured .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
VA guaranteed .....	1	(Z)	(Z)	(Z)	(Z)	1	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	34	37	33	34	42	67	66	62	60	65
Rural Housing Service .....	1	1	(Z)	(Z)	(Z)	1	1	(S)	(S)	(S)
Cash .....	16	18	19	22	22	30	32	36	38	33

See footnotes at end of table.

**Table 7. Type of Financing by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of financing	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>OWNER-BUILT HOUSES—Con.</b>										
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	13	14	11	12	13	100	100	100	100	100
FHA insured .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	10	11	9	10	10	81	80	81	81	80
Rural Housing Service .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash .....	2	3	2	2	2	19	20	19	19	18
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	37	38	38	38	43	100	100	100	100	100
FHA insured .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	29	31	30	29	31	79	80	79	78	73
Rural Housing Service .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash .....	7	7	8	8	11	20	19	21	21	26
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	43	48	45	51	60	100	100	100	100	100
FHA insured .....	(Z)	(Z)	1	(Z)	1	(S)	(S)	1	(S)	1
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	1	(S)	(S)	(S)	(S)	1
Conventional <sup>3</sup> .....	31	32	28	33	41	72	67	62	64	68
Rural Housing Service .....	1	(Z)	(Z)	(Z)	2	(S)	(S)	(S)	(S)	(S)
Cash .....	11	15	17	17	18	25	30	37	34	30
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Type of financing reported .....	22	22	24	25	26	100	100	100	100	100
FHA insured .....	(Z)	(Z)	(Z)	(Z)	1	(S)	(S)	(S)	(S)	2
VA guaranteed .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>3</sup> .....	12	13	13	14	16	57	58	55	54	61
Rural Housing Service .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
Cash .....	9	9	10	11	10	40	40	43	43	36

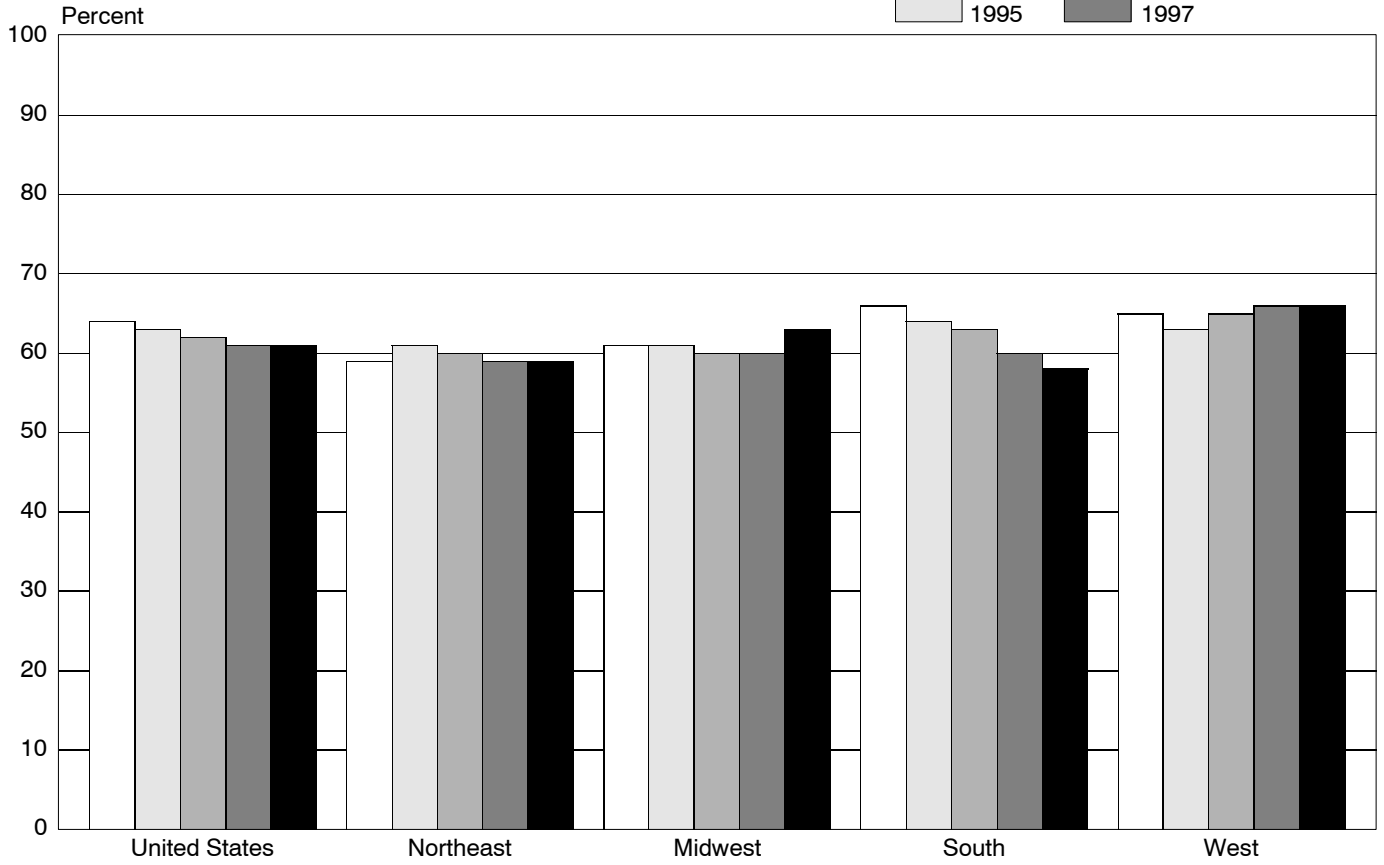
S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Less than 500 units or less than 0.5 percent.

<sup>1</sup>Includes houses built for rent (not shown separately).  
<sup>2</sup>Excludes houses not yet sold.  
<sup>3</sup>Includes other types of financing (not shown separately).

Figure 3.

**New Houses With One Fireplace or More**

1994 1995 1996 1997 1998



**Table 8. Number of Fireplaces by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of fireplaces	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	449	433	424	394	417	39	39	38	37	36
1 fireplace .....	649	634	669	615	680	56	57	59	58	59
2 fireplaces or more .....	62	49	36	56	63	5	4	3	5	5
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	319	300	291	261	274	34	33	32	31	29
1 fireplace .....	577	560	591	537	599	61	62	65	63	65
2 fireplaces or more .....	55	44	32	50	56	6	5	3	6	6
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	130	133	133	133	143	62	62	62	61	62
1 fireplace .....	72	74	78	78	81	34	35	36	36	35
2 fireplaces or more .....	7	5	4	6	7	3	2	2	3	3
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	48	48	43	42	46	41	41	40	39	41
1 fireplace .....	63	62	61	59	61	54	53	57	55	54
2 fireplaces or more .....	6	6	3	6	6	5	5	3	6	5
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	89	93	98	90	100	37	40	40	39	39
1 fireplace .....	142	133	139	131	141	58	56	57	56	55
2 fireplaces or more .....	12	9	7	11	14	5	4	3	5	5
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	216	203	188	170	172	42	40	37	36	34
1 fireplace .....	283	289	307	284	313	55	57	61	60	62
2 fireplaces or more .....	18	14	12	19	21	3	3	2	4	4
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	96	88	94	92	98	34	34	35	37	35
1 fireplace .....	161	151	161	142	164	57	58	60	56	58
2 fireplaces or more .....	26	20	14	19	22	9	8	5	8	8
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	278	250	231	212	223	34	33	31	31	30
1 fireplace .....	501	477	496	442	485	61	63	67	65	66
2 fireplaces or more .....	36	30	19	28	32	4	4	3	4	4
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	234	212	193	173	181	32	31	28	28	27
1 fireplace .....	472	451	467	417	460	64	65	69	68	69
2 fireplaces or more .....	35	29	18	27	31	5	4	3	4	5
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	44	38	38	39	42	59	59	56	60	62
1 fireplace .....	29	26	29	25	25	39	40	43	39	37
2 fireplaces or more .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	26	27	26	24	24	36	37	38	38	37
1 fireplace .....	44	42	41	37	38	60	58	60	58	58
2 fireplaces or more .....	3	4	(B)	3	3	4	5	(B)	4	4
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	46	44	43	41	44	30	32	32	32	32
1 fireplace .....	98	88	90	82	87	66	64	66	64	64
2 fireplaces or more .....	6	5	(B)	4	5	4	3	(B)	3	4
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	135	118	100	88	94	37	34	30	29	29
1 fireplace .....	221	219	228	207	222	60	64	68	68	68
2 fireplaces or more .....	10	7	7	10	11	3	2	2	3	3
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	71	61	63	58	61	31	30	30	32	29
1 fireplace .....	137	129	137	116	138	61	63	66	63	65
2 fireplaces or more .....	18	14	8	11	13	8	7	4	6	6
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	80	88	94	86	98	43	46	44	42	41
1 fireplace .....	89	91	109	101	121	48	47	51	49	51
2 fireplaces or more .....	17	13	11	17	19	9	7	5	8	8
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	41	44	51	43	50	34	37	36	34	32
1 fireplace .....	65	64	79	71	89	55	55	57	55	58
2 fireplaces or more .....	14	10	9	14	16	11	9	7	11	10
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	39	44	43	43	48	59	59	57	56	58
1 fireplace .....	24	27	30	30	32	36	36	40	40	38
2 fireplaces or more .....	3	3	(B)	3	3	5	4	(B)	4	4
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	10	9	8	10	12	44	42	35	38	42
1 fireplace .....	11	12	14	15	15	49	52	60	53	52
2 fireplaces or more .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

See footnotes at end of table.

**Table 8. Number of Fireplaces by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of fireplaces	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	18	21	24	23	28	36	41	42	40	41
1 fireplace .....	28	27	31	29	34	55	53	54	52	51
2 fireplaces or more .....	4	3	3	5	5	9	6	4	8	8
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	42	45	49	42	43	49	49	47	45	41
1 fireplace .....	38	41	52	45	57	45	45	50	49	54
2 fireplaces or more .....	5	5	4	5	6	6	6	4	6	6
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	10	13	13	11	15	35	45	46	39	42
1 fireplace .....	13	12	12	13	15	46	42	41	44	41
2 fireplaces or more .....	6	4	4	5	6	20	13	13	17	17
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	64	71	71	70	79	50	51	53	48	49
1 fireplace .....	54	61	59	66	70	42	44	43	45	43
2 fireplaces or more .....	9	6	6	10	12	7	5	4	7	7
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	27	29	30	28	33	39	38	40	35	38
1 fireplace .....	36	41	41	45	45	51	54	55	56	52
2 fireplaces or more .....	7	5	4	7	8	10	7	6	9	10
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	37	42	41	42	46	64	67	68	64	63
1 fireplace .....	18	20	18	21	24	32	32	29	32	33
2 fireplaces or more .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	4	4
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	6	9	7	6	7	43	52	50	41	43
1 fireplace .....	7	7	7	8	8	48	44	46	51	48
2 fireplaces or more .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	21	23	23	22	25	54	55	56	51	53
1 fireplace .....	16	17	17	18	19	40	41	40	44	41
2 fireplaces or more .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	6
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	25	27	26	26	28	49	49	50	44	42
1 fireplace .....	22	26	24	29	34	44	48	47	50	51
2 fireplaces or more .....	3	(B)	(B)	3	5	7	(B)	(B)	6	7
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
No fireplace .....	12	12	15	16	19	51	49	54	54	62
1 fireplace .....	9	10	11	11	9	38	40	39	36	30
2 fireplaces or more .....	3	3	(B)	3	3	11	10	(B)	11	9

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

**Table 9. Type of Foundation by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of foundation	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	427	409	420	413	453	37	37	37	39	39
Slab <sup>2</sup> .....	524	500	498	449	478	45	45	44	42	41
Crawl space .....	209	207	211	204	229	18	19	19	19	20
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	350	332	343	335	367	37	37	38	40	39
Slab <sup>2</sup> .....	476	450	440	394	424	50	50	48	46	46
Crawl space .....	126	122	129	120	138	13	14	14	14	15
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	77	77	77	78	87	37	36	36	36	37
Slab <sup>2</sup> .....	48	50	57	55	54	23	23	27	25	23
Crawl space .....	83	85	81	84	91	40	40	38	39	39
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	95	99	92	93	95	82	86	85	86	84
Slab <sup>2</sup> .....	17	11	12	11	12	15	10	11	10	11
Crawl space .....	4	5	4	4	6	3	5	4	4	5
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	197	179	186	183	200	81	76	76	79	78
Slab <sup>2</sup> .....	25	30	28	23	26	10	13	12	10	10
Crawl space .....	22	28	30	25	29	9	12	12	11	11
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	77	80	85	82	90	15	16	17	17	18
Slab <sup>2</sup> .....	323	312	313	280	300	62	62	62	59	59
Crawl space .....	117	113	110	110	117	23	22	22	23	23
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	58	51	56	54	66	21	20	21	21	23
Slab <sup>2</sup> .....	159	147	146	135	142	56	57	54	53	50
Crawl space .....	66	61	67	64	77	23	24	25	25	27
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	279	256	257	244	264	34	34	35	36	36
Slab <sup>2</sup> .....	420	396	380	340	363	52	52	51	50	49
Crawl space .....	116	105	109	98	113	14	14	15	14	15
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	259	240	237	227	243	35	35	35	37	36
Slab <sup>2</sup> .....	400	378	361	320	345	54	55	53	52	51
Crawl space .....	81	74	80	70	84	11	11	12	11	12
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	20	16	20	17	21	26	25	29	26	31
Slab <sup>2</sup> .....	20	18	19	20	18	27	28	28	30	26
Crawl space .....	35	31	29	28	29	47	47	42	43	43
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	59	62	57	54	53	80	86	83	85	80
Slab <sup>2</sup> .....	12	8	9	7	9	16	11	14	12	14
Crawl space .....	3	(B)	(B)	(B)	4	4	(B)	(B)	(B)	6
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	124	106	105	101	111	83	77	78	79	82
Slab <sup>2</sup> .....	17	21	19	17	17	11	15	14	14	13
Crawl space .....	9	10	12	9	8	6	7	9	7	6
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	53	52	57	55	60	15	15	17	18	18
Slab <sup>2</sup> .....	252	237	225	199	212	69	69	67	65	65
Crawl space .....	60	54	54	51	54	17	16	16	17	17
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	42	36	38	34	40	19	17	18	18	19
Slab <sup>2</sup> .....	140	129	127	115	124	62	63	61	62	59
Crawl space .....	44	39	42	36	47	19	19	20	19	22
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	82	84	93	96	112	44	44	43	47	47
Slab <sup>2</sup> .....	52	54	66	55	67	28	28	31	27	28
Crawl space .....	52	54	56	53	59	28	28	26	26	25
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	54	51	63	64	77	46	43	45	50	50
Slab <sup>2</sup> .....	38	39	49	39	49	31	33	35	30	31
Crawl space .....	27	27	28	26	29	23	24	20	20	19
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	28	33	30	32	35	42	44	40	42	42
Slab <sup>2</sup> .....	14	15	17	16	18	21	20	23	22	22
Crawl space .....	25	27	28	27	29	37	36	37	36	36
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	20	19	21	25	27	93	87	91	91	92
Slab <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Crawl space .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

See footnotes at end of table.

**Table 9. Type of Foundation by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of foundation	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	41	40	47	47	54	82	80	80	83	80
Slab <sup>2</sup> .....	3	3	4	(B)	3	5	6	6	(B)	5
Crawl space .....	7	7	8	8	10	13	15	14	13	15
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	12	16	16	15	17	14	18	16	17	16
Slab <sup>2</sup> .....	38	41	53	43	54	45	45	51	47	51
Crawl space .....	35	34	36	34	35	41	38	34	37	33
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	8	8	8	9	14	29	29	30	30	40
Slab <sup>2</sup> .....	10	9	8	9	8	36	32	30	31	23
Crawl space .....	10	11	11	11	13	35	39	40	40	37
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	61	63	64	69	72	48	46	47	47	45
Slab <sup>2</sup> .....	31	34	35	37	41	25	25	26	26	26
Crawl space .....	35	40	37	40	47	27	29	27	27	30
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	32	36	39	41	43	47	48	52	51	49
Slab <sup>2</sup> .....	22	22	21	22	26	33	30	28	28	30
Crawl space .....	14	16	15	17	18	20	22	21	21	21
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	29	27	25	28	29	50	44	41	42	40
Slab <sup>2</sup> .....	9	12	14	15	15	15	19	24	23	21
Crawl space .....	21	24	22	23	29	35	38	35	35	40
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	12	15	13	13	14	90	87	88	89	88
Slab <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Crawl space .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	30	30	31	33	34	76	72	74	78	72
Slab <sup>2</sup> .....	3	3	3	(B)	3	8	7	7	(B)	7
Crawl space .....	6	9	8	7	10	16	21	19	17	21
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	11	11	11	12	13	22	20	21	20	20
Slab <sup>2</sup> .....	21	23	24	27	29	42	42	47	46	43
Crawl space .....	18	20	16	20	24	35	37	32	34	37
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Full or partial basement .....	7	8	9	10	11	31	32	31	35	35
Slab <sup>2</sup> .....	6	7	7	7	8	27	29	27	25	25
Crawl space .....	10	10	12	12	13	42	40	42	41	41

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

<sup>2</sup>Includes a small number of other foundation types.

**Table 10. Type of Heating Fuel by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of heating fuel	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	809	771	781	708	772	70	69	69	67	67
Electricity .....	307	296	299	305	333	26	26	26	28	29
Oil .....	34	38	37	37	39	3	3	3	3	3
Other types or none .....	10	11	11	16	16	1	1	1	1	1
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	705	664	669	600	651	74	74	73	71	70
Electricity .....	221	211	216	217	244	23	23	24	26	26
Oil .....	22	25	25	25	27	2	3	3	3	3
Other types or none .....	3	4	3	6	6	(Z)	(Z)	(Z)	1	1
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	104	107	112	109	121	50	50	52	50	52
Electricity .....	86	85	83	87	89	41	40	38	40	39
Oil .....	12	13	12	11	12	6	6	6	5	5
Other types or none .....	7	7	8	10	10	3	3	4	5	4
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	75	68	61	60	62	64	59	56	55	55
Electricity .....	10	12	12	12	16	8	10	11	12	14
Oil .....	31	34	35	34	34	27	30	32	31	30
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	223	215	225	208	223	91	91	92	90	88
Electricity .....	19	18	17	20	27	8	7	7	9	11
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	1	1
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	265	262	262	233	255	51	52	52	49	50
Electricity .....	248	240	240	235	247	48	47	47	50	49
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	3	3	3	(B)	(B)	1	1	1
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	247	226	232	208	232	88	87	86	82	81
Electricity .....	29	27	31	37	43	10	11	11	15	15
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	5	5	6	7	9	2	2	2	3	3
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	611	565	560	497	535	75	75	75	73	72
Electricity .....	188	175	169	168	188	23	23	23	25	25
Oil .....	14	15	15	14	14	2	2	2	2	2
Other types or none .....	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	(Z)	(B)
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	572	532	522	460	497	77	77	77	75	74
Electricity .....	156	146	143	142	161	21	21	21	23	24
Oil .....	11	13	12	12	12	1	2	2	2	2
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	39	33	38	37	38	53	50	56	56	56
Electricity .....	32	29	26	26	27	43	45	39	40	40
Oil .....	3	(B)	3	(B)	(B)	4	(B)	4	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	56	51	46	43	43	76	70	68	68	66
Electricity .....	4	7	7	7	8	6	10	10	10	13
Oil .....	13	14	15	14	14	18	20	22	22	21
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	143	130	129	119	126	95	95	96	93	92
Electricity .....	7	7	6	8	10	4	5	4	6	8
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	205	197	197	172	184	56	57	59	56	56
Electricity .....	160	146	138	133	142	44	43	41	44	43
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	207	187	187	163	181	92	92	90	88	86
Electricity .....	17	15	18	20	28	8	7	9	11	13
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	1	(B)
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	108	110	119	108	136	58	58	56	53	57
Electricity .....	65	68	80	79	87	35	35	37	38	36
Oil .....	11	11	12	13	12	6	6	6	6	5
Other types or none .....	(B)	(B)	(B)	4	3	(B)	(B)	(B)	2	1
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	78	73	84	74	93	65	63	60	58	60
Electricity .....	34	37	46	45	53	29	31	33	34	34
Oil .....	6	7	8	8	8	5	6	6	6	5
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	30	37	36	34	43	45	49	47	45	51
Electricity .....	31	32	34	34	34	46	43	45	45	41
Oil .....	5	4	4	5	7	6	6	6	7	5
Other types or none .....	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	3	(B)

See footnotes at end of table.



**Table 10. Type of Heating Fuel by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of heating fuel	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	9	9	8	10	12	41	41	36	36	42
Electricity .....	3	3	4	5	6	12	15	16	18	20
Oil .....	10	10	11	12	10	46	43	48	45	36
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	44	45	53	49	58	87	90	91	87	86
Electricity .....	6	4	5	6	8	13	9	8	11	12
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	34	36	36	30	38	40	39	35	32	36
Electricity .....	50	55	67	60	66	59	60	64	66	63
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	21	20	21	19	27	73	72	76	68	75
Electricity .....	6	6	5	7	7	21	22	19	25	18
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	72	78	82	85	90	57	57	60	58	57
Electricity .....	40	41	37	43	49	32	30	27	30	31
Oil .....	9	12	10	9	11	7	9	8	6	7
Other types or none .....	6	6	7	9	10	5	5	5	6	6
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	42	46	49	52	53	61	62	66	64	62
Electricity .....	21	21	20	22	24	30	28	26	27	28
Oil .....	4	5	5	5	6	7	7	7	6	7
Other types or none .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	3
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	30	32	33	33	37	51	50	54	51	50
Electricity .....	19	20	17	22	25	33	32	28	33	34
Oil .....	4	7	5	4	5	8	10	9	6	7
Other types or none .....	5	4	6	7	7	8	7	9	10	9
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	5	6	4	5	6	34	33	30	35	35
Electricity .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Oil .....	8	10	9	7	8	56	59	59	48	52
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	32	32	35	35	36	82	79	84	82	78
Electricity .....	6	6	5	5	8	14	14	11	11	16
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	18	22	22	25	30	37	41	44	42	45
Electricity .....	29	30	26	31	33	57	55	50	53	50
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Gas .....	16	18	19	20	19	69	72	70	66	61
Electricity .....	5	5	6	7	7	22	21	20	22	22
Oil .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other types or none .....	(B)	(B)	3	3	4	(B)	(B)	9	10	14

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

**Table 11. Type of Heating System by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of heating system	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b>	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	835	781	789	706	778	72	70	70	67	67
Heat pump	248	257	258	264	281	21	23	23	25	24
Hot water or steam	46	52	54	55	60	4	5	5	5	5
Other <sup>2</sup>	30	26	28	39	41	3	2	2	4	4
<b>Inside MSAs</b>	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	739	683	685	611	671	78	76	75	72	72
Heat pump	175	183	187	188	208	18	20	20	22	22
Hot water or steam	22	26	28	28	29	2	3	3	3	3
Other <sup>2</sup>	14	12	12	20	19	2	1	1	2	2
<b>Outside MSAs</b>	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	96	98	104	96	107	46	46	48	44	46
Heat pump	73	74	71	75	73	35	35	33	35	31
Hot water or steam	24	26	26	26	30	11	12	12	12	13
Other <sup>2</sup>	16	14	16	20	22	8	6	7	9	10
<b>Northeast</b>	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	77	70	59	59	58	66	60	55	55	52
Heat pump	9	11	11	11	14	7	9	10	10	12
Hot water or steam	30	33	36	36	38	25	28	33	33	34
Other <sup>2</sup>	(B)	3	(B)	3	3	(B)	2	(B)	2	3
<b>Midwest</b>	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	220	212	217	201	218	90	89	89	86	85
Heat pump	14	15	17	19	23	6	6	7	8	9
Hot water or steam	5	5	4	5	6	2	2	2	2	2
Other <sup>2</sup>	5	5	6	8	8	2	2	2	3	3
<b>South</b>	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	303	286	291	249	281	59	57	57	53	55
Heat pump	205	211	208	211	214	40	42	41	45	42
Hot water or steam	(B)	3	(B)	(B)	3	(B)	1	(B)	(B)	1
Other <sup>2</sup>	6	6	6	10	11	1	1	1	2	2
<b>West</b>	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	235	214	221	198	222	83	83	82	78	78
Heat pump	20	21	23	24	31	7	8	8	9	11
Hot water or steam	10	12	12	13	13	3	5	4	5	5
Other <sup>2</sup>	18	12	13	19	19	6	5	5	8	7
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b>	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	631	568	564	494	538	78	75	76	73	73
Heat pump	155	159	151	155	166	19	21	20	23	22
Hot water or steam	19	22	24	24	24	2	3	3	3	3
Other <sup>2</sup>	10	8	7	10	12	1	1	1	1	2
<b>Inside MSAs</b>	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	596	540	532	466	506	81	78	79	76	75
Heat pump	124	130	126	130	142	17	18	18	21	21
Hot water or steam	11	15	16	14	15	2	2	2	2	2
Other <sup>2</sup>	8	6	4	8	9	1	1	1	1	1
<b>Outside MSAs</b>	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	35	28	32	28	32	46	42	47	43	47
Heat pump	31	29	25	25	24	41	44	37	39	36
Hot water or steam	8	7	8	10	9	10	11	12	15	12
Other <sup>2</sup>	(B)	(B)	3	(B)	3	(B)	(B)	4	(B)	4
<b>Northeast</b>	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	57	50	43	42	41	77	69	63	66	62
Heat pump	4	7	7	6	8	5	10	10	9	12
Hot water or steam	13	15	17	15	17	18	21	25	24	25
Other <sup>2</sup>	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b>	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	142	128	124	115	122	95	93	92	90	90
Heat pump	6	8	9	10	11	4	6	7	8	8
Hot water or steam	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup>	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b>	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	231	209	214	180	198	63	61	64	59	61
Heat pump	132	132	120	125	125	36	38	36	41	38
Hot water or steam	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup>	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b>	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	201	181	182	157	177	89	89	88	85	83
Heat pump	12	12	15	14	22	6	6	7	8	11
Hot water or steam	5	5	5	7	6	3	3	3	4	3
Other <sup>2</sup>	7	5	5	7	7	3	3	2	4	3
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b>	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	110	113	122	108	135	59	59	57	54	57
Heat pump	56	60	72	68	74	30	31	33	33	31
Hot water or steam	14	13	14	16	17	7	7	6	8	7
Other <sup>2</sup>	5	6	6	12	11	4	3	3	6	5
<b>Inside MSAs</b>	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	81	77	88	78	98	68	66	64	61	63
Heat pump	30	33	42	38	46	25	27	30	29	30
Hot water or steam	6	6	6	7	7	5	5	5	6	4
Other <sup>2</sup>	(B)	(B)	3	5	4	(B)	(B)	2	4	2
<b>Outside MSAs</b>	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace	29	36	35	30	37	44	48	46	41	45
Heat pump	26	27	30	30	28	39	37	40	39	34
Hot water or steam	8	7	7	9	10	11	10	9	11	12
Other <sup>2</sup>	3	4	3	7	7	5	6	5	8	9

See footnotes at end of table.

**Table 11. Type of Heating System by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of heating system	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	10	10	9	10	11	45	44	40	36	39
Heat pump .....	(B)	3	3	4	5	(B)	13	13	16	18
Hot water or steam .....	9	9	10	12	12	43	40	44	45	40
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	43	44	51	47	57	86	87	88	83	84
Heat pump .....	5	3	5	5	6	10	7	8	9	9
Hot water or steam .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	39	41	42	33	43	46	45	40	36	41
Heat pump .....	45	48	61	54	58	53	53	58	59	55
Hot water or steam .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	4	4	(B)	(B)	(B)	4	4
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	19	18	20	18	25	65	64	72	63	68
Heat pump .....	5	5	3	4	4	16	19	12	15	12
Hot water or steam .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	8
Other <sup>2</sup> .....	3	3	3	5	5	11	10	10	16	13
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	73	81	82	84	93	58	59	60	57	58
Heat pump .....	30	31	27	34	35	23	22	19	23	22
Hot water or steam .....	12	15	15	14	17	10	11	11	10	11
Other <sup>2</sup> .....	12	10	12	14	15	9	8	9	10	10
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	45	51	52	52	58	66	68	69	64	67
Heat pump .....	16	16	15	18	18	23	21	20	22	21
Hot water or steam .....	4	5	5	7	7	6	7	7	8	8
Other <sup>2</sup> .....	4	3	4	5	4	5	4	5	6	5
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	28	30	30	32	35	48	48	50	48	48
Heat pump .....	14	15	12	16	17	24	24	19	25	23
Hot water or steam .....	8	10	10	7	10	14	16	16	11	14
Other <sup>2</sup> .....	8	7	8	9	11	14	12	14	15	15
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	6	7	6	6	6	43	44	41	39	36
Heat pump .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Hot water or steam .....	6	8	7	7	8	46	48	49	48	52
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	31	32	34	33	35	78	79	81	79	75
Heat pump .....	3	3	3	3	5	8	6	6	8	10
Hot water or steam .....	3	3	3	(B)	3	7	7	6	(B)	7
Other <sup>2</sup> .....	3	3	3	3	4	7	8	7	8	8
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	23	27	27	28	35	46	49	53	48	53
Heat pump .....	23	25	20	27	26	46	46	39	46	39
Hot water or steam .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	3	3	3	4	4	7	5	7	6	6
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Warm-air furnace .....	13	14	15	16	17	56	57	54	54	54
Heat pump .....	3	3	3	4	4	13	13	12	12	13
Hot water or steam .....	(B)	4	4	4	4	(B)	18	16	14	13
Other <sup>2</sup> .....	5	3	5	6	6	20	12	18	20	21

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

<sup>2</sup>Includes electric baseboard, panel, radiant heat, space heater, floor or wall furnace, solar, other types, or none.

**Table 12. Presence of Outdoor Features by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and feature	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES</b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	469	441	434	393	437	40	40	39	37	38
Porch .....	548	510	475	453	485	47	46	42	43	42
Deck .....	368	361	379	371	412	32	32	34	35	35
<b>Without:</b>										
Patio .....	691	675	695	672	723	60	60	61	63	62
Porch .....	611	606	654	613	676	53	54	58	57	58
Deck .....	791	755	749	694	749	68	68	66	65	65
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	408	382	375	336	379	43	42	41	40	41
Porch .....	430	390	366	342	364	45	43	40	40	39
Deck .....	284	269	291	282	307	30	30	32	33	33
<b>Without:</b>										
Patio .....	543	522	539	512	550	57	58	59	60	59
Porch .....	521	514	548	507	565	55	57	60	60	61
Deck .....	667	635	622	566	623	70	70	68	67	67
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	61	59	59	57	58	29	28	28	26	25
Porch .....	118	120	109	111	121	57	56	51	51	52
Deck .....	84	92	88	89	105	40	43	41	41	46
<b>Without:</b>										
Patio .....	148	153	156	160	173	71	72	72	74	75
Porch .....	90	92	106	106	111	43	44	49	49	48
Deck .....	124	120	127	128	126	60	57	59	59	54
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	20	19	18	15	17	17	17	16	14	15
Porch .....	39	37	33	34	32	33	32	30	31	28
Deck .....	66	65	62	65	66	57	56	57	60	59
<b>Without:</b>										
Patio .....	97	96	90	92	96	83	83	84	86	85
Porch .....	77	78	75	74	81	67	68	70	69	72
Deck .....	50	51	46	43	47	43	44	43	40	41
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	68	68	64	62	70	28	29	26	27	28
Porch .....	106	110	103	97	100	44	47	42	42	39
Deck .....	89	85	86	88	101	36	36	35	38	39
<b>Without:</b>										
Patio .....	176	169	180	170	185	72	71	74	73	72
Porch .....	137	126	142	135	155	56	53	58	58	61
Deck .....	155	151	158	144	154	64	64	65	62	61
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	238	225	219	195	216	46	45	43	41	43
Porch .....	277	255	244	229	245	53	50	48	48	48
Deck .....	147	148	161	147	163	28	29	32	31	32
<b>Without:</b>										
Patio .....	279	280	288	278	291	54	55	57	59	57
Porch .....	241	251	264	244	262	47	50	52	52	52
Deck .....	370	357	346	325	345	72	71	68	69	68
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	143	129	133	121	135	51	50	49	48	47
Porch .....	127	109	96	94	107	45	42	36	37	38
Deck .....	66	63	69	71	82	23	24	26	28	29
<b>Without:</b>										
Patio .....	139	130	136	132	150	49	50	51	52	53
Porch .....	156	150	173	159	178	55	58	64	63	62
Deck .....	216	196	200	183	203	77	76	74	72	71
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>739</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	364	334	321	291	317	45	44	43	43	43
Porch .....	355	304	266	248	260	43	40	36	36	35
Deck .....	232	215	227	213	233	28	28	30	31	32
<b>Without:</b>										
Patio .....	451	423	425	391	422	55	56	57	57	57
Porch .....	460	453	480	434	479	57	60	64	64	65
Deck .....	583	542	518	468	506	72	72	70	69	68
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>671</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>With:</b>										
Patio .....	336	311	299	266	293	45	45	44	43	44
Porch .....	308	267	237	219	228	41	39	35	36	34
Deck .....	202	189	201	188	204	27	27	30	30	30

See footnotes at end of table.

**Table 12. Presence of Outdoor Features by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and feature	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>HOUSES BUILT FOR SALE—Con.</b>										
<b>Inside MSAs—Con.</b>										
Without:										
Patio .....	405	381	379	350	378	55	55	56	57	56
Porch .....	433	424	442	398	443	59	61	65	64	66
Deck .....	538	503	476	428	467	73	73	70	70	70
<b>Outside MSAs .....</b>	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	28	23	22	25	24	38	36	32	38	35
Porch .....	47	37	29	29	32	64	56	43	45	47
Deck .....	30	26	26	25	29	40	40	38	39	43
Without:										
Patio .....	46	42	46	41	44	62	64	68	62	65
Porch .....	27	29	38	36	36	36	44	57	55	53
Deck .....	45	39	42	40	39	60	60	62	61	57
<b>Northeast .....</b>	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>65</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	14	14	13	10	11	19	19	19	15	17
Porch .....	20	20	17	15	14	28	27	26	24	22
Deck .....	44	43	42	42	41	60	59	61	66	64
Without:										
Patio .....	60	59	55	54	54	81	81	81	85	83
Porch .....	53	53	51	48	51	72	73	74	76	78
Deck .....	30	30	26	22	24	40	41	39	34	36
<b>Midwest .....</b>	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	46	46	41	41	44	31	34	30	32	32
Porch .....	60	59	50	48	47	40	43	37	38	34
Deck .....	53	47	46	45	50	36	34	34	35	37
Without:										
Patio .....	103	91	95	87	92	69	66	70	68	68
Porch .....	89	78	85	79	89	60	57	63	62	66
Deck .....	96	90	89	82	86	64	66	66	65	63
<b>South .....</b>	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	190	174	163	148	160	52	51	49	48	49
Porch .....	179	147	132	121	125	49	43	39	40	39
Deck .....	96	90	102	91	97	26	26	30	30	30
Without:										
Patio .....	175	170	173	158	165	48	49	51	52	51
Porch .....	186	197	203	185	200	51	57	61	60	61
Deck .....	270	253	234	215	228	74	74	70	70	70
<b>West .....</b>	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	114	100	104	92	103	50	49	50	50	48
Porch .....	95	78	66	64	74	42	38	32	34	35
Deck .....	39	36	38	36	44	17	17	19	19	21
Without:										
Patio .....	112	104	103	93	110	50	51	50	50	52
Porch .....	131	126	141	122	138	58	62	68	66	65
Deck .....	187	168	169	150	168	83	83	81	81	79
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States .....</b>	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	58	59	64	54	68	32	31	30	27	29
Porch .....	108	112	116	111	129	58	58	54	54	54
Deck .....	73	78	85	83	101	39	41	40	40	42
Without:										
Patio .....	127	133	150	150	170	68	69	70	73	71
Porch .....	78	80	98	93	109	42	42	46	46	46
Deck .....	113	114	129	122	137	61	59	60	60	58
<b>Inside MSAs .....</b>	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	40	38	44	38	51	34	33	32	30	33
Porch .....	73	71	76	70	84	61	61	55	55	54
Deck .....	48	45	53	51	61	40	38	38	39	39
Without:										
Patio .....	79	79	95	91	104	66	67	68	70	67
Porch .....	47	46	62	58	71	39	39	45	45	46
Deck .....	72	73	86	78	94	60	62	62	61	61
<b>Outside MSAs .....</b>	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With:										
Patio .....	18	21	20	16	17	27	28	27	22	20
Porch .....	35	41	40	41	45	53	55	53	54	55
Deck .....	25	33	32	32	40	38	44	43	42	48
Without:										
Patio .....	48	54	55	59	66	73	72	73	78	80
Porch .....	31	34	36	35	38	47	45	47	46	45
Deck .....	41	41	43	44	43	62	56	57	58	52

See footnotes at end of table.

**Table 12. Presence of Outdoor Features by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and feature	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>Northeast</b> .....	22	22	23	27	29	100	100	100	100	100
With:										
Patio .....	(B)	3	3	4	4	(B)	14	11	15	12
Porch .....	10	9	10	12	12	47	42	41	43	41
Deck .....	12	12	12	14	15	56	52	52	52	52
Without:										
Patio .....	19	19	21	23	25	89	86	89	85	88
Porch .....	12	13	14	16	17	53	58	59	57	59
Deck .....	10	11	11	13	14	44	48	48	48	48
<b>Midwest</b> .....	50	50	58	57	67	100	100	100	100	100
With:										
Patio .....	12	11	13	11	15	24	22	22	20	22
Porch .....	26	28	28	27	30	52	56	48	47	45
Deck .....	19	19	23	23	28	38	37	39	40	42
Without:										
Patio .....	38	39	45	46	52	76	78	78	80	78
Porch .....	24	22	30	30	37	48	44	52	53	55
Deck .....	31	31	35	34	39	62	63	61	60	58
<b>South</b> .....	85	91	105	92	106	100	100	100	100	100
With:										
Patio .....	28	30	35	26	33	33	32	33	29	31
Porch .....	55	59	66	59	69	65	65	63	65	66
Deck .....	27	33	36	30	37	32	36	35	32	35
Without:										
Patio .....	57	62	70	65	73	67	68	67	71	69
Porch .....	29	32	39	32	36	35	35	37	35	34
Deck .....	57	58	69	62	68	68	64	65	68	65
<b>West</b> .....	29	28	28	29	36	100	100	100	100	100
With:										
Patio .....	16	15	14	13	17	56	54	50	45	46
Porch .....	17	15	13	13	17	57	54	45	46	48
Deck .....	14	14	14	16	20	48	51	51	55	56
Without:										
Patio .....	13	13	14	16	19	44	46	50	55	54
Porch .....	12	13	15	16	19	43	46	55	54	52
Deck .....	15	14	14	13	16	52	49	49	45	44
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	127	137	136	146	160	100	100	100	100	100
With:										
Patio .....	34	37	35	35	40	26	27	26	24	25
Porch .....	73	81	79	83	91	57	59	59	57	57
Deck .....	55	60	59	68	74	44	44	44	47	46
Without:										
Patio .....	93	101	101	110	120	74	73	74	76	75
Porch .....	54	56	56	63	69	43	41	41	43	43
Deck .....	72	77	77	77	87	56	56	56	53	54
<b>Inside MSAs</b> .....	69	75	75	81	87	100	100	100	100	100
With:										
Patio .....	23	24	22	22	25	32	32	29	28	30
Porch .....	41	44	44	45	49	59	59	59	57	57
Deck .....	28	31	31	38	39	41	41	42	48	44
Without:										
Patio .....	46	51	54	58	61	68	68	71	72	70
Porch .....	28	31	31	35	37	41	41	41	43	43
Deck .....	41	44	44	42	49	59	59	58	52	56
<b>Outside MSAs</b> .....	58	62	61	65	73	100	100	100	100	100
With:										
Patio .....	11	13	13	13	15	20	20	22	20	20
Porch .....	32	37	35	38	42	55	59	58	58	56
Deck .....	27	29	28	30	35	47	47	46	46	48
Without:										
Patio .....	47	50	47	52	59	80	80	78	80	80
Porch .....	26	25	25	28	32	45	41	42	42	44
Deck .....	31	33	33	35	38	53	53	54	54	52
<b>Northeast</b> .....	14	17	15	15	16	100	100	100	100	100
With:										
Patio .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Porch .....	6	7	5	6	6	45	44	37	42	36
Deck .....	8	9	7	8	8	54	50	50	56	51
Without:										
Patio .....	12	15	13	13	14	90	89	88	90	89
Porch .....	8	9	9	9	10	55	56	63	58	64
Deck .....	6	8	7	7	8	46	50	50	44	49

See footnotes at end of table.

Table 12. **Presence of Outdoor Features by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and feature	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>OWNER-BUILT HOUSES—Con.</b>										
<b>Midwest</b> .....	39	41	42	42	47	100	100	100	100	100
With:										
Patio .....	8	7	7	8	9	20	18	17	19	20
Porch .....	18	21	22	21	23	47	50	52	50	48
Deck .....	15	18	16	19	22	39	43	39	45	46
Without:										
Patio .....	32	34	35	35	38	80	82	83	81	80
Porch .....	21	21	20	21	24	53	50	48	50	52
Deck .....	24	24	26	23	25	61	57	61	55	54
<b>South</b> .....	50	55	51	59	66	100	100	100	100	100
With:										
Patio .....	14	15	15	14	18	28	28	28	24	27
Porch .....	34	39	37	40	47	68	72	73	69	71
Deck .....	20	21	20	24	26	39	39	39	41	40
Without:										
Patio .....	36	39	37	44	48	72	72	72	76	73
Porch .....	16	15	14	18	19	32	28	27	31	29
Deck .....	30	34	31	35	40	61	61	61	59	60
<b>West</b> .....	23	25	28	30	31	100	100	100	100	100
With:										
Patio .....	10	12	12	12	11	45	50	42	40	37
Porch .....	14	14	15	16	15	60	58	54	52	49
Deck .....	13	13	15	17	17	54	52	55	57	57
Without:										
Patio .....	13	12	16	18	19	55	50	58	60	63
Porch .....	9	10	13	14	16	40	42	46	48	51
Deck .....	11	12	12	13	13	46	48	45	43	43

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

**Table 13. Type of Parking Facility by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of parking facility	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	81	83	88	84	92	7	7	8	8	8
2 cars .....	742	716	717	673	749	64	64	64	63	65
3 cars or more .....	179	158	161	141	152	15	14	14	13	13
Carport .....	15	15	16	17	19	1	1	1	2	2
No garage or carport .....	142	144	146	150	148	12	13	13	14	13
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	66	68	71	69	72	7	7	8	8	8
2 cars .....	633	599	603	556	627	66	66	66	66	68
3 cars or more .....	161	143	145	127	136	17	16	16	15	15
Carport .....	9	8	8	8	10	1	1	1	1	1
No garage or carport .....	83	85	86	89	84	9	9	9	10	9
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	15	15	17	15	20	7	7	8	7	9
2 cars .....	109	117	114	117	122	52	55	53	54	53
3 cars or more .....	18	15	16	14	16	7	7	7	6	7
Carport .....	6	7	8	9	9	3	3	4	4	4
No garage or carport .....	59	59	60	61	64	28	28	28	28	28
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	18	18	21	18	23	15	16	19	17	21
2 cars .....	69	69	60	62	62	59	60	56	57	55
3 cars or more .....	9	9	7	9	8	8	8	7	8	7
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	21	18	19	19	20	18	16	17	18	17
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	8	14	14	14	13	3	6	6	6	5
2 cars .....	159	150	158	149	170	65	64	64	64	67
3 cars or more .....	55	51	51	47	49	22	21	21	20	19
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	22	22	21	22	23	9	9	9	10	9
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	44	42	43	43	46	9	8	8	9	9
2 cars .....	339	329	331	297	331	66	65	65	63	65
3 cars or more .....	33	28	28	25	24	6	6	6	5	5
Carport .....	10	11	10	13	14	2	2	2	3	3
No garage or carport .....	90	96	95	95	93	17	19	19	20	18
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	12	9	10	10	11	4	3	4	4	4
2 cars .....	175	167	168	166	187	62	65	63	65	66
3 cars or more .....	83	71	75	60	70	29	27	28	24	25
Carport .....	3	4	4	3	5	1	1	2	1	2
No garage or carport .....	9	8	12	14	13	3	3	4	5	4
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	60	60	61	58	66	7	8	8	9	9
2 cars .....	569	526	514	473	514	70	70	69	69	69
3 cars or more .....	123	108	105	86	95	15	14	14	13	13
Carport .....	7	5	6	5	5	1	1	1	1	1
No garage or carport .....	56	57	61	59	60	7	8	8	9	8
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	53	53	56	52	59	7	8	8	8	9
2 cars .....	523	486	471	434	474	71	70	69	70	70
3 cars or more .....	117	104	100	83	90	16	15	15	13	13
Carport .....	5	4	4	3	3	1	1	1	(Z)	1
No garage or carport .....	43	44	47	45	46	6	6	7	7	7
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	7	7	5	6	7	9	10	7	10	10
2 cars .....	46	40	43	39	40	62	62	63	60	60
3 cars or more .....	6	4	5	3	5	8	5	7	5	7
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	13	13	14	14	14	18	21	20	21	20
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	15	15	18	15	19	20	20	26	23	29
2 cars .....	46	47	38	35	33	63	64	55	56	50
3 cars or more .....	5	4	4	4	4	6	6	6	6	6
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	7	6	8	9	9	10	9	12	15	14
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	4	8	7	8	7	3	6	5	6	5
2 cars .....	110	97	99	92	101	74	71	74	73	74
3 cars or more .....	32	29	26	23	24	21	21	19	18	18
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	4	3	3	4	4	2	2	2	3	3
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	33	32	30	31	34	9	9	9	10	10
2 cars .....	264	244	238	214	232	72	71	71	70	71
3 cars or more .....	21	17	17	14	14	6	5	5	4	4
Carport .....	5	4	3	3	4	1	1	1	1	1
No garage or carport .....	42	46	46	44	43	12	13	14	14	13
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	8	5	6	6	6	3	3	3	3	3
2 cars .....	148	139	138	131	148	66	68	67	71	70
3 cars or more .....	66	57	58	45	53	29	28	28	24	25
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	(B)	(B)	3	(B)	3	(B)	(B)	1	(B)	2

See footnotes at end of table.



**Table 13. Type of Parking Facility by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and type of parking facility	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	8	9	12	10	12	4	4	6	5	5
2 cars .....	107	116	127	117	145	57	60	59	57	61
3 cars or more .....	36	30	35	34	37	19	16	16	17	16
Carport .....	3	5	4	5	6	2	2	2	3	3
No garage or carport .....	32	33	37	38	38	17	17	17	19	16
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	5	6	8	6	6	4	5	5	5	4
2 cars .....	70	71	84	74	99	59	60	60	57	64
3 cars or more .....	28	23	28	28	30	24	20	21	22	20
Carport .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	2
No garage or carport .....	15	16	18	19	17	12	14	13	15	11
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	3	3	4	4	6	5	4	6	6	7
2 cars .....	37	45	43	43	46	55	60	57	57	56
3 cars or more .....	8	7	7	6	7	12	9	9	8	8
Carport .....	(B)	3	3	3	3	(B)	4	3	5	4
No garage or carport .....	17	19	19	19	21	26	22	25	25	25
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2 cars .....	14	13	15	17	19	62	60	63	63	67
3 cars or more .....	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	12	(B)
Carport .....	(B)	(B)	(B)	(B)	5	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	5	5	5	5	5	21	21	20	18	18
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2 cars .....	28	30	33	32	40	56	59	57	56	60
3 cars or more .....	15	13	17	15	17	30	25	28	26	26
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	6	7	7	8	8	12	13	11	15	12
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	5	5	7	6	7	6	5	7	6	7
2 cars .....	50	57	65	52	65	59	62	62	57	61
3 cars or more .....	8	7	8	7	7	10	7	7	8	7
Carport .....	3	4	3	4	5	3	4	3	5	5
No garage or carport .....	19	19	23	22	21	22	21	22	24	20
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2 cars .....	15	16	15	15	21	51	57	53	54	57
3 cars or more .....	11	8	9	8	11	36	29	32	29	29
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	3	3	3	3	3	9	9	10	10	9
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	6	8	8	7	8	5	6	6	5	5
2 cars .....	60	68	69	76	86	48	49	51	52	54
3 cars or more .....	20	20	21	21	19	16	15	15	14	12
Carport .....	4	4	4	6	6	3	3	3	4	3
No garage or carport .....	36	38	34	37	41	29	27	25	25	26
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	3	4	3	4	4	4	5	4	5	4
2 cars .....	35	38	42	44	51	52	51	56	54	58
3 cars or more .....	15	16	16	17	14	22	21	21	20	17
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	13	15	13	15	15	19	20	17	19	18
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	3	4	5	3	4	6	6	8	5	6
2 cars .....	25	30	27	32	35	42	47	45	49	48
3 cars or more .....	5	4	5	4	5	8	7	8	7	6
Carport .....	(B)	(B)	3	4	3	(B)	(B)	5	6	4
No garage or carport .....	23	23	21	22	26	40	36	35	33	36
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2 cars .....	7	9	8	8	9	53	51	53	56	55
3 cars or more .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	4	5	5	4	4	30	30	31	26	24
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2 cars .....	19	21	22	23	28	48	51	52	55	60
3 cars or more .....	8	8	9	9	7	21	20	21	21	16
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	10	10	10	8	10	27	24	23	20	21
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	3	3	4	3	3	5	5	7	6	5
2 cars .....	23	26	26	28	33	46	48	52	48	50
3 cars or more .....	4	4	3	4	4	7	7	6	7	6
Carport .....	3	3	4	5	4	6	5	7	8	6
No garage or carport .....	18	19	15	19	22	36	35	28	32	33
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Garage: 1 car .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
2 cars .....	11	12	13	16	15	46	49	47	53	51
3 cars or more .....	7	6	7	6	6	29	24	27	20	21
Carport .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
No garage or carport .....	4	4	5	6	6	17	16	18	19	19

B Withheld because estimate did not meet publication standards on the basis of sample size. Z Less than 0.5 percent.

<sup>1</sup>Includes houses built for rent (not shown separately).

**Table 14. Number of Stories by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of stories	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	559	542	559	520	571	48	49	49	49	49
2 stories or more <sup>2</sup> .....	582	546	535	511	549	50	49	47	48	47
Split level .....	19	28	35	35	40	2	3	3	3	3
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	416	401	414	375	414	44	44	45	44	45
2 stories or more <sup>2</sup> .....	521	479	471	445	482	55	53	52	52	52
Split level .....	15	23	29	28	33	2	3	3	3	4
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	143	141	145	145	157	69	66	67	67	68
2 stories or more <sup>2</sup> .....	61	67	64	66	67	29	31	30	30	29
Split level .....	4	5	6	7	8	2	2	3	3	3
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	24	23	21	21	18	20	20	19	19	16
2 stories or more <sup>2</sup> .....	92	91	86	84	92	79	79	79	78	81
Split level .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	3	2
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	108	106	113	101	115	44	45	46	44	45
2 stories or more <sup>2</sup> .....	126	117	117	117	122	52	49	48	50	48
Split level .....	9	13	15	14	19	4	6	6	6	7
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	294	284	286	270	289	57	56	56	57	57
2 stories or more <sup>2</sup> .....	221	215	212	195	212	43	43	42	41	42
Split level .....	(B)	6	9	8	5	(B)	1	2	2	1
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	133	128	140	129	148	47	50	52	51	52
2 stories or more <sup>2</sup> .....	142	123	120	115	123	50	47	45	45	43
Split level .....	8	8	9	10	13	3	3	3	4	5
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	368	350	339	310	333	45	46	46	45	45
2 stories or more <sup>2</sup> .....	432	385	379	347	377	53	51	51	51	51
Split level .....	15	21	28	25	30	2	3	4	4	4
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	311	301	291	261	284	42	44	43	42	42
2 stories or more <sup>2</sup> .....	415	370	362	334	362	56	54	53	54	54
Split level .....	14	20	25	23	27	2	3	4	4	4
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	57	49	48	49	49	76	75	70	76	73
2 stories or more <sup>2</sup> .....	17	15	17	13	15	22	23	25	20	22
Split level .....	(B)	(B)	3	(B)	3	(B)	(B)	5	(B)	5
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	12	12	10	8	8	16	17	14	13	12
2 stories or more <sup>2</sup> .....	62	59	58	54	56	83	82	84	84	86
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	54	51	50	46	49	36	37	37	36	36
2 stories or more <sup>2</sup> .....	89	76	74	72	73	59	56	55	56	54
Split level .....	7	10	11	10	14	4	8	8	8	10
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	199	190	177	164	171	55	55	53	54	53
2 stories or more <sup>2</sup> .....	165	149	150	136	151	45	43	45	44	46
Split level .....	(B)	4	8	6	4	(B)	1	2	2	1
<b>West</b> .....	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	103	97	103	92	105	46	48	50	49	50
2 stories or more <sup>2</sup> .....	117	100	97	86	96	52	49	47	46	46
Split level .....	6	6	7	8	10	3	3	4	4	5
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b> .....	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	98	98	118	109	133	53	51	55	53	56
2 stories or more <sup>2</sup> .....	85	90	92	90	99	46	47	43	44	42
Split level .....	3	3	4	5	6	1	2	2	3	3
<b>Inside MSAs</b> .....	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	55	51	69	62	78	46	44	50	49	50
2 stories or more <sup>2</sup> .....	64	64	67	64	74	54	55	48	49	48
Split level .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	2	2
<b>Outside MSAs</b> .....	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	43	47	49	47	55	65	63	64	61	66
2 stories or more <sup>2</sup> .....	21	26	25	26	25	32	35	33	35	30
Split level .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	4
<b>Northeast</b> .....	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	6	5	6	7	6	27	23	27	27	20
2 stories or more <sup>2</sup> .....	16	17	16	19	23	73	76	71	70	78
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	27	28	32	28	35	54	55	55	49	52
2 stories or more <sup>2</sup> .....	22	21	24	26	29	43	42	41	46	43
Split level .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	4

See footnotes at end of table.

**Table 14. Number of Stories by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and number of stories	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>CONTRACTOR-BUILT HOUSES—</b>										
<b>Con.</b>										
<b>South</b> .....	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	50	50	64	58	71	59	55	61	63	67
2 stories or more <sup>2</sup> .....	34	41	40	32	34	41	44	38	35	32
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	15	15	15	15	21	51	55	55	54	57
2 stories or more <sup>2</sup> .....	13	12	12	12	14	46	42	42	43	37
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b> .....	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	75	76	81	81	91	59	55	60	55	57
2 stories or more <sup>2</sup> .....	51	58	52	62	64	40	42	38	42	40
Split level .....	(B)	3	3	4	4	(B)	2	2	3	3
<b>Inside MSAs</b> .....	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	38	37	41	40	45	55	50	54	50	52
2 stories or more <sup>2</sup> .....	31	36	33	39	38	45	48	44	47	45
Split level .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	3
<b>Outside MSAs</b> .....	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	37	39	40	41	46	64	62	67	62	63
2 stories or more <sup>2</sup> .....	20	22	19	23	26	35	36	31	36	35
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Northeast</b> .....	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	4	5	4	5	4	28	27	26	31	25
2 stories or more <sup>2</sup> .....	10	12	11	10	11	70	70	72	67	71
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	25	23	25	24	27	63	56	60	56	58
2 stories or more <sup>2</sup> .....	14	17	16	17	18	34	42	37	40	38
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	33	34	34	36	41	65	62	67	62	62
2 stories or more <sup>2</sup> .....	17	20	16	21	25	35	36	32	37	37
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 story .....	13	14	18	16	19	56	58	64	53	62
2 stories or more <sup>2</sup> .....	10	9	9	13	11	42	38	34	43	35
Split level .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

<sup>2</sup>Includes a small number of houses with 1 1/2, 2 1/2, or 3 stories.

**Table 15. Square Feet of Floor Area by Category of House and Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and square feet of floor area	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>United States</b> .....	<b>1 160</b>	<b>1 116</b>	<b>1 129</b>	<b>1 066</b>	<b>1 160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	83	88	98	103	101	7	8	9	10	9
1,200 to 1,599 square feet .....	237	232	232	230	242	20	21	21	22	21
1,600 to 1,999 square feet .....	258	251	257	245	275	22	22	23	23	24
2,000 to 2,399 square feet .....	208	204	206	185	209	18	18	18	17	18
2,400 to 2,999 square feet .....	191	178	182	161	178	16	16	16	15	15
3,000 square feet or more .....	182	164	153	141	154	16	15	14	13	13
<b>Inside MSAs</b> .....	<b>951</b>	<b>904</b>	<b>913</b>	<b>848</b>	<b>929</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	56	61	66	70	65	6	7	7	8	7
1,200 to 1,599 square feet .....	181	177	177	174	181	19	20	19	21	19
1,600 to 1,999 square feet .....	209	201	206	190	221	22	22	23	22	24
2,000 to 2,399 square feet .....	178	170	173	153	174	19	19	19	18	19
2,400 to 2,999 square feet .....	166	154	158	138	155	17	17	17	16	17
3,000 square feet or more .....	162	142	132	123	133	17	16	14	15	14
<b>Outside MSAs</b> .....	<b>208</b>	<b>212</b>	<b>215</b>	<b>217</b>	<b>232</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	27	27	32	33	36	13	13	15	15	16
1,200 to 1,599 square feet .....	56	55	55	56	62	27	26	26	26	27
1,600 to 1,999 square feet .....	49	50	51	55	55	24	23	24	25	24
2,000 to 2,399 square feet .....	30	34	33	32	36	15	16	15	15	15
2,400 to 2,999 square feet .....	25	24	24	23	23	12	11	11	11	10
3,000 square feet or more .....	20	22	21	18	20	10	11	10	8	9
<b>Northeast</b> .....	<b>116</b>	<b>115</b>	<b>108</b>	<b>108</b>	<b>113</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	9	8	8	10	10	8	7	7	9	9
1,200 to 1,599 square feet .....	19	19	17	17	21	17	16	15	16	18
1,600 to 1,999 square feet .....	22	24	23	22	23	19	21	21	20	20
2,000 to 2,399 square feet .....	24	24	21	21	22	20	21	19	20	19
2,400 to 2,999 square feet .....	24	23	21	19	20	20	20	20	17	17
3,000 square feet or more .....	19	19	18	19	18	17	16	17	17	16
<b>Midwest</b> .....	<b>244</b>	<b>236</b>	<b>245</b>	<b>232</b>	<b>255</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	19	21	26	25	27	8	9	11	11	11
1,200 to 1,599 square feet .....	52	57	53	54	57	21	24	22	23	22
1,600 to 1,999 square feet .....	57	50	55	52	59	23	21	22	23	23
2,000 to 2,399 square feet .....	43	44	45	41	44	18	19	18	17	18
2,400 to 2,999 square feet .....	38	35	39	33	39	16	15	16	14	15
3,000 square feet or more .....	35	30	26	26	30	14	13	11	11	12
<b>South</b> .....	<b>517</b>	<b>506</b>	<b>507</b>	<b>472</b>	<b>507</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	36	40	42	46	40	7	8	8	10	8
1,200 to 1,599 square feet .....	106	101	102	97	98	21	20	20	21	19
1,600 to 1,999 square feet .....	117	111	111	107	116	23	22	22	23	23
2,000 to 2,399 square feet .....	92	92	93	81	96	18	18	18	17	19
2,400 to 2,999 square feet .....	84	84	83	76	81	16	17	16	16	16
3,000 square feet or more .....	82	78	77	66	76	16	15	15	14	15
<b>West</b> .....	<b>283</b>	<b>259</b>	<b>269</b>	<b>253</b>	<b>285</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	19	19	22	23	24	7	7	8	9	8
1,200 to 1,599 square feet .....	60	56	61	61	66	21	22	23	24	23
1,600 to 1,999 square feet .....	63	65	69	64	77	22	25	25	25	27
2,000 to 2,399 square feet .....	49	44	47	42	48	17	17	17	17	17
2,400 to 2,999 square feet .....	46	37	39	33	39	16	14	14	13	14
3,000 square feet or more .....	45	37	32	30	31	16	14	12	12	11
<b>HOUSES BUILT FOR SALE</b>										
<b>United States</b> .....	<b>815</b>	<b>757</b>	<b>746</b>	<b>682</b>	<b>740</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	45	48	53	52	56	6	6	7	8	8
1,200 to 1,599 square feet .....	175	169	166	164	167	21	22	22	24	23
1,600 to 1,999 square feet .....	191	181	180	166	185	23	24	24	24	25
2,000 to 2,399 square feet .....	152	144	138	122	137	19	19	19	18	19
2,400 to 2,999 square feet .....	138	121	120	102	115	17	16	16	15	16
3,000 square feet or more .....	114	93	88	75	79	14	12	12	11	11
<b>Inside MSAs</b> .....	<b>741</b>	<b>692</b>	<b>678</b>	<b>617</b>	<b>672</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	37	40	44	43	45	5	6	7	7	7
1,200 to 1,599 square feet .....	148	146	141	139	143	20	21	21	23	21
1,600 to 1,999 square feet .....	172	164	162	148	169	23	24	24	24	25
2,000 to 2,399 square feet .....	142	134	128	115	128	19	19	19	19	19
2,400 to 2,999 square feet .....	131	117	116	98	110	18	17	17	16	16
3,000 square feet or more .....	110	90	86	74	77	15	13	13	12	11
<b>Outside MSAs</b> .....	<b>74</b>	<b>65</b>	<b>68</b>	<b>65</b>	<b>68</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	9	8	9	9	11	12	12	13	14	17
1,200 to 1,599 square feet .....	27	23	25	25	24	36	36	37	38	36
1,600 to 1,999 square feet .....	19	17	18	18	16	25	26	27	27	24
2,000 to 2,399 square feet .....	10	10	10	7	9	13	15	14	11	14
2,400 to 2,999 square feet .....	7	5	4	4	5	9	7	6	7	7
3,000 square feet or more .....	4	3	(B)	(B)	(B)	5	4	(B)	(B)	(B)
<b>Northeast</b> .....	<b>74</b>	<b>72</b>	<b>68</b>	<b>64</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	3	3	4	6	7	4	5	6	9	10
1,200 to 1,599 square feet .....	12	11	10	11	13	16	16	15	18	19
1,600 to 1,999 square feet .....	15	16	16	15	15	20	22	24	23	22
2,000 to 2,399 square feet .....	16	17	13	13	12	22	24	20	21	19
2,400 to 2,999 square feet .....	16	14	13	10	11	21	19	19	15	16
3,000 square feet or more .....	12	11	11	10	9	17	15	16	15	13
<b>Midwest</b> .....	<b>150</b>	<b>137</b>	<b>135</b>	<b>127</b>	<b>136</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	10	12	14	12	14	7	9	10	10	10
1,200 to 1,599 square feet .....	35	36	33	34	34	23	26	24	26	25
1,600 to 1,999 square feet .....	35	30	30	30	30	24	22	22	24	22
2,000 to 2,399 square feet .....	28	26	26	23	25	19	19	19	18	18
2,400 to 2,999 square feet .....	25	20	20	18	22	17	15	15	14	16
3,000 square feet or more .....	17	14	11	11	12	11	10	8	9	9
<b>South</b> .....	<b>365</b>	<b>344</b>	<b>335</b>	<b>306</b>	<b>326</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	18	19	21	20	20	5	6	6	6	6
1,200 to 1,599 square feet .....	78	74	72	70	68	21	22	21	23	21
1,600 to 1,999 square feet .....	86	81	77	71	78	24	23	23	23	24
2,000 to 2,399 square feet .....	68	65	60	55	64	19	19	18	18	20
2,400 to 2,999 square feet .....	61	58	58	52	55	17	17	17	17	17
3,000 square feet or more .....	54	46	47	38	43	15	13	14	12	13

See footnotes at end of table.

**Table 15. Square Feet of Floor Area by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and square feet of floor area	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>HOUSES BUILT FOR SALE—Con.</b>										
<b>West</b>	<b>226</b>	<b>204</b>	<b>207</b>	<b>185</b>	<b>212</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	14	13	15	15	16	6	7	7	8	8
1,200 to 1,599 square feet	50	47	51	50	53	22	23	24	27	25
1,600 to 1,999 square feet	54	55	56	50	62	24	27	27	27	29
2,000 to 2,399 square feet	40	36	39	31	37	18	18	19	17	17
2,400 to 2,999 square feet	37	29	29	23	28	16	14	14	12	13
3,000 square feet or more	30	23	19	16	16	13	11	9	9	8
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>United States</b>	<b>186</b>	<b>192</b>	<b>214</b>	<b>204</b>	<b>238</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	9	12	13	18	19	5	6	6	9	8
1,200 to 1,599 square feet	28	29	34	33	38	15	15	16	16	16
1,600 to 1,999 square feet	39	39	45	42	50	21	20	21	21	21
2,000 to 2,399 square feet	35	36	43	36	44	19	19	20	18	19
2,400 to 2,999 square feet	33	35	37	34	40	18	18	17	17	17
3,000 square feet or more	42	41	43	42	47	22	21	20	20	20
<b>Inside MSAs</b>	<b>119</b>	<b>118</b>	<b>139</b>	<b>129</b>	<b>155</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	4	5	7	10	9	4	5	5	8	6
1,200 to 1,599 square feet	15	14	18	16	19	13	12	13	13	12
1,600 to 1,999 square feet	22	23	27	23	31	18	19	19	18	20
2,000 to 2,399 square feet	23	22	30	23	29	19	19	21	18	19
2,400 to 2,999 square feet	22	23	26	24	29	19	20	19	18	19
3,000 square feet or more	33	30	32	32	38	27	26	23	25	24
<b>Outside MSAs</b>	<b>66</b>	<b>74</b>	<b>76</b>	<b>76</b>	<b>83</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	5	7	6	8	10	7	9	8	10	13
1,200 to 1,599 square feet	13	15	16	16	19	19	20	21	22	23
1,600 to 1,999 square feet	17	16	18	19	19	25	22	23	25	23
2,000 to 2,399 square feet	12	14	13	13	15	18	19	17	17	18
2,400 to 2,999 square feet	11	12	11	11	11	16	16	15	14	13
3,000 square feet or more	9	11	11	10	9	14	15	15	13	11
<b>Northeast</b>	<b>22</b>	<b>22</b>	<b>23</b>	<b>27</b>	<b>29</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1,200 to 1,599 square feet	3	3	3	4	5	15	13	14	15	17
1,600 to 1,999 square feet	4	4	4	4	5	19	19	18	14	16
2,000 to 2,399 square feet	4	4	5	5	6	20	16	23	19	20
2,400 to 2,999 square feet	5	6	5	6	6	21	25	22	21	22
3,000 square feet or more	4	5	4	6	5	19	21	19	22	19
<b>Midwest</b>	<b>50</b>	<b>50</b>	<b>58</b>	<b>57</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	(B)	(B)	3	4	5	(B)	(B)	6	7	8
1,200 to 1,599 square feet	8	10	9	10	11	17	19	16	18	16
1,600 to 1,999 square feet	11	11	13	12	16	23	21	22	22	24
2,000 to 2,399 square feet	10	10	11	11	13	19	21	20	19	19
2,400 to 2,999 square feet	8	8	11	10	10	16	17	20	17	15
3,000 square feet or more	11	9	10	10	12	22	17	17	18	18
<b>South</b>	<b>85</b>	<b>91</b>	<b>105</b>	<b>92</b>	<b>106</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	4	7	7	9	10	5	7	7	10	9
1,200 to 1,599 square feet	13	13	17	15	16	15	14	16	17	16
1,600 to 1,999 square feet	18	18	22	20	22	22	20	21	21	21
2,000 to 2,399 square feet	16	17	22	15	20	19	19	21	17	19
2,400 to 2,999 square feet	15	17	16	14	16	18	19	15	15	16
3,000 square feet or more	17	20	21	18	21	20	22	20	20	20
<b>West</b>	<b>29</b>	<b>28</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1,200 to 1,599 square feet	3	3	5	3	6	12	12	18	12	16
1,600 to 1,999 square feet	5	6	5	6	7	16	21	19	21	20
2,000 to 2,399 square feet	5	5	4	5	6	17	17	13	16	17
2,400 to 2,999 square feet	5	5	5	5	7	18	16	17	18	19
3,000 square feet or more	9	8	8	7	8	32	28	28	26	23
<b>OWNER-BUILT HOUSES</b>										
<b>United States</b>	<b>127</b>	<b>137</b>	<b>136</b>	<b>146</b>	<b>160</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	13	13	15	16	17	10	10	11	11	11
1,200 to 1,599 square feet	24	26	23	23	29	19	19	17	15	18
1,600 to 1,999 square feet	25	27	30	33	36	20	19	22	23	23
2,000 to 2,399 square feet	20	22	24	26	26	15	16	17	18	17
2,400 to 2,999 square feet	19	21	23	24	23	15	15	17	16	14
3,000 square feet or more	26	29	22	25	28	20	21	16	17	17
<b>Inside MSAs</b>	<b>69</b>	<b>75</b>	<b>75</b>	<b>81</b>	<b>86</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	5	5	5	7	6	7	7	7	8	7
1,200 to 1,599 square feet	10	11	11	11	13	15	15	14	13	15
1,600 to 1,999 square feet	12	12	16	15	18	18	16	21	19	21
2,000 to 2,399 square feet	12	12	15	15	15	17	16	19	18	18
2,400 to 2,999 square feet	12	14	14	16	15	17	18	19	19	18
3,000 square feet or more	18	21	15	18	19	27	27	20	22	22
<b>Outside MSAs</b>	<b>58</b>	<b>62</b>	<b>61</b>	<b>65</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	8	8	10	9	11	14	12	16	15	15
1,200 to 1,599 square feet	14	15	12	12	17	23	24	20	18	23
1,600 to 1,999 square feet	13	15	14	18	18	23	23	23	27	25
2,000 to 2,399 square feet	8	10	9	11	11	14	15	15	17	15
2,400 to 2,999 square feet	7	7	9	8	8	13	12	14	13	11
3,000 square feet or more	8	8	7	6	9	13	14	11	10	12
<b>Northeast</b>	<b>14</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
1,200 to 1,599 square feet	(B)	3	(B)	(B)	(B)	(B)	18	(B)	(B)	(B)
1,600 to 1,999 square feet	(B)	4	(B)	3	3	(B)	23	(B)	17	18
2,000 to 2,399 square feet	3	(B)	(B)	3	3	21	(B)	(B)	17	20
2,400 to 2,999 square feet	3	3	4	3	3	21	18	25	22	17
3,000 square feet or more	3	3	3	3	4	19	18	18	19	23

See footnotes at end of table.

**Table 15. Square Feet of Floor Area by Category of House and Location: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Category of house, location, and square feet of floor area	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>OWNER-BUILT HOUSES—Con.</b>										
<b>Midwest</b> .....	<b>39</b>	<b>41</b>	<b>42</b>	<b>42</b>	<b>47</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	4	4	4	6	6	11	9	10	13	13
1,200 to 1,599 square feet .....	8	9	8	9	10	19	21	20	20	22
1,600 to 1,999 square feet .....	9	9	11	9	12	24	21	25	22	26
2,000 to 2,399 square feet .....	6	7	7	8	6	15	17	17	18	14
2,400 to 2,999 square feet .....	5	6	7	6	7	13	14	16	14	14
3,000 square feet or more .....	7	7	5	6	6	18	18	12	13	12
<b>South</b> .....	<b>50</b>	<b>55</b>	<b>51</b>	<b>59</b>	<b>66</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	6	6	6	7	7	11	10	11	11	10
1,200 to 1,599 square feet .....	9	11	9	8	11	19	20	17	14	17
1,600 to 1,999 square feet .....	10	10	11	14	15	21	18	21	25	22
2,000 to 2,399 square feet .....	7	9	10	10	12	14	16	20	17	18
2,400 to 2,999 square feet .....	7	8	8	10	9	14	15	16	17	14
3,000 square feet or more .....	10	11	8	9	12	21	21	16	16	19
<b>West</b> .....	<b>23</b>	<b>25</b>	<b>28</b>	<b>30</b>	<b>31</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	(B)	(B)	3	(B)	3	(B)	(B)	12	(B)	11
1,200 to 1,599 square feet .....	4	4	4	4	5	19	15	13	12	17
1,600 to 1,999 square feet .....	4	4	7	7	7	16	18	24	23	22
2,000 to 2,399 square feet .....	4	4	4	6	5	16	14	15	19	16
2,400 to 2,999 square feet .....	4	4	4	5	4	16	15	16	15	14
3,000 square feet or more .....	6	7	6	7	6	24	28	20	23	20

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes houses built for rent (not shown separately).

**Table 16. Average and Median Square Feet of Floor Area by Category of House, Location, and Type of Financing: 1994 to 1998**

[Averages and medians computed from unrounded figures]

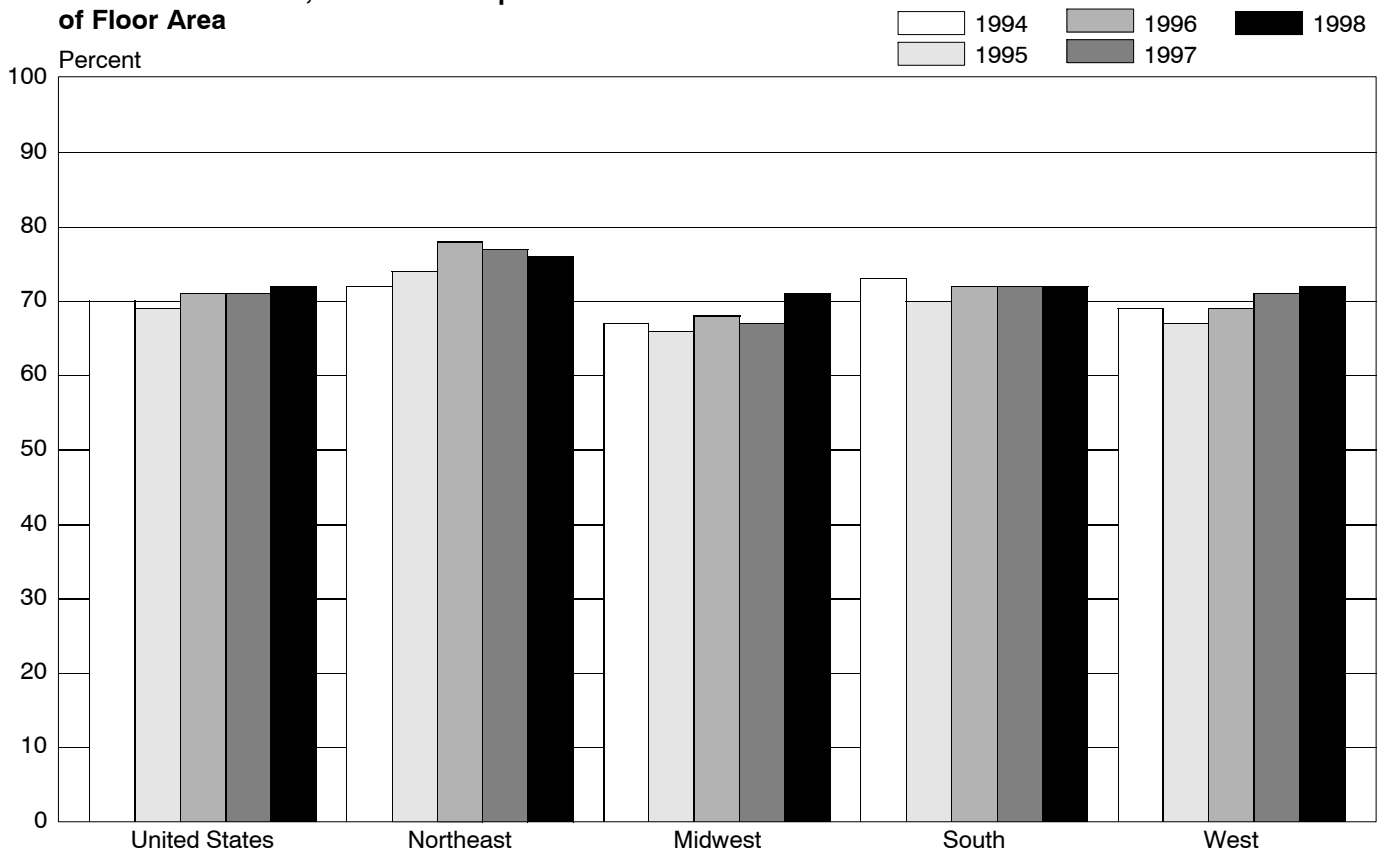
Category of house, location, and type of financing	Average square feet					Median square feet				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>ALL NEW HOUSES<sup>1</sup></b>										
<b>Location</b>										
United States .....	2 190	2 150	2 120	2 095	2 100	2 000	1 975	1 950	1 920	1 940
Inside MSAs .....	2 250	2 200	2 170	2 150	2 160	2 050	2 015	2 000	1 975	1 995
Outside MSAs .....	1 930	1 955	1 915	1 870	1 865	1 750	1 765	1 735	1 720	1 700
Northeast .....	2 270	2 265	2 280	2 240	2 195	2 100	2 130	2 100	2 095	2 035
Midwest .....	2 125	2 065	2 025	2 020	2 025	1 945	1 900	1 900	1 850	1 850
South .....	2 200	2 175	2 160	2 125	2 165	2 000	2 000	1 995	1 945	2 000
West .....	2 200	2 135	2 070	2 045	2 025	1 985	1 930	1 890	1 835	1 835
<b>Type of Financing</b>										
FHA insured .....	1 590	1 585	1 565	1 560	1 625	1 520	1 510	1 500	1 470	1 545
VA guaranteed .....	1 885	1 825	1 795	1 770	1 815	1 765	1 720	1 680	1 640	1 745
Conventional <sup>2</sup> .....	2 285	2 255	2 220	2 195	2 200	2 100	2 100	2 055	2 020	2 050
Rural Housing Service .....	1 390	1 355	1 440	1 240	1 165	1 300	1 265	1 300	1 175	1 090
Cash .....	2 170	2 060	2 040	2 030	2 000	1 935	1 835	1 825	1 800	1 795
<b>HOUSES BUILT FOR SALE</b>										
<b>Location</b>										
United States .....	2 160	2 100	2 085	2 045	2 050	1 990	1 945	1 945	1 870	1 900
Inside MSAs .....	2 200	2 135	2 120	2 085	2 090	2 025	1 990	1 980	1 930	1 945
Outside MSAs .....	1 770	1 745	1 715	1 660	1 680	1 610	1 620	1 610	1 565	1 560
Northeast .....	2 305	2 255	2 270	2 175	2 130	2 115	2 130	2 065	2 010	1 965
Midwest .....	2 070	1 995	1 960	1 945	1 975	1 910	1 840	1 835	1 800	1 800
South .....	2 190	2 135	2 155	2 115	2 135	2 000	1 990	1 995	1 955	1 990
West .....	2 125	2 055	2 000	1 955	1 950	1 950	1 870	1 850	1 795	1 805
<b>Type of Financing</b>										
FHA insured .....	1 580	1 570	1 565	1 545	1 620	1 520	1 510	1 505	1 465	1 550
VA guaranteed .....	1 865	1 815	1 790	1 775	1 805	1 750	1 700	1 675	1 645	1 735
Conventional <sup>2</sup> .....	2 275	2 215	2 205	2 165	2 160	2 115	2 080	2 050	2 020	2 030
Rural Housing Service .....	1 330	1 305	1 425	1 280	1 155	1 270	1 220	1 300	1 220	1 090
Cash .....	2 185	2 045	2 030	1 970	1 985	1 935	1 855	1 820	1 730	1 800
<b>CONTRACTOR-BUILT HOUSES</b>										
<b>Location</b>										
United States .....	2 445	2 410	2 335	2 325	2 295	2 160	2 175	2 100	2 080	2 080
Inside MSAs .....	2 590	2 560	2 450	2 480	2 455	2 300	2 295	2 200	2 200	2 200
Outside MSAs .....	2 175	2 170	2 130	2 060	2 000	1 950	1 995	1 920	1 910	1 835
Northeast .....	2 360	2 410	2 400	2 390	2 350	2 110	2 300	2 200	2 290	2 200
Midwest .....	2 380	2 280	2 250	2 255	2 210	2 115	2 090	2 090	2 040	2 015
South .....	2 410	2 425	2 315	2 290	2 305	2 160	2 190	2 080	2 000	2 050
West .....	2 720	2 600	2 540	2 515	2 390	2 375	2 245	2 245	2 200	2 160
<b>Type of Financing</b>										
FHA insured .....	(S)	1 805	1 540	(S)	1 485	(S)	1 665	1 500	(S)	1 380
VA guaranteed .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>2</sup> .....	2 445	2 450	2 370	2 345	2 350	2 160	2 235	2 160	2 100	2 160
Rural Housing Service .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	1 090
Cash .....	2 440	2 300	2 290	2 295	2 170	2 160	2 035	2 080	2 000	1 955
<b>OWNER-BUILT HOUSES</b>										
<b>Location</b>										
United States .....	2 240	2 250	2 165	2 190	2 160	2 000	2 020	2 005	2 000	1 955
Inside MSAs .....	2 465	2 455	2 320	2 375	2 345	2 240	2 270	2 160	2 180	2 160
Outside MSAs .....	1 975	2 010	1 985	1 960	1 935	1 800	1 800	1 815	1 870	1 790
Northeast .....	2 335	2 260	2 285	2 320	2 315	2 185	2 000	2 185	2 160	2 160
Midwest .....	2 120	2 160	2 060	2 050	1 985	1 920	1 950	1 900	1 920	1 800
South .....	2 225	2 245	2 175	2 170	2 215	1 985	2 050	2 030	1 980	2 000
West .....	2 410	2 405	2 245	2 380	2 230	2 175	2 140	2 015	2 160	1 995
<b>Type of Financing</b>										
FHA insured .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
VA guaranteed .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Conventional <sup>2</sup> .....	2 315	2 350	2 285	2 305	2 250	2 100	2 160	2 115	2 100	2 045
Rural Housing Service .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Cash .....	2 035	2 005	1 920	1 975	1 970	1 800	1 780	1 700	1 800	1 750

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>Includes houses built for rent (not shown separately).

<sup>2</sup>Includes other types of financing (not shown separately).

Figure 4.  
**New Houses With 1,600 or More Square Feet  
of Floor Area**



**New Houses With a Full or Partial Basement**

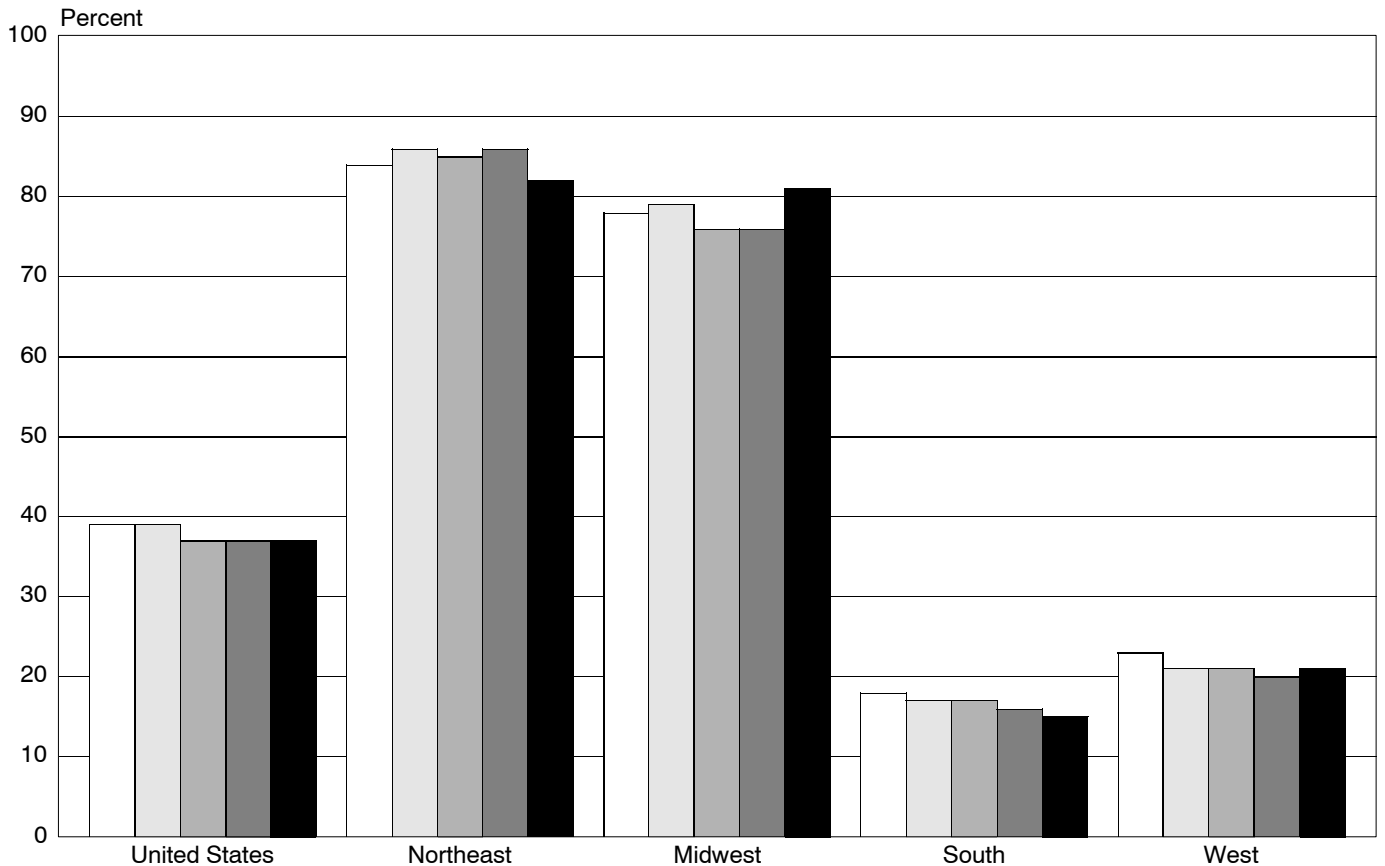
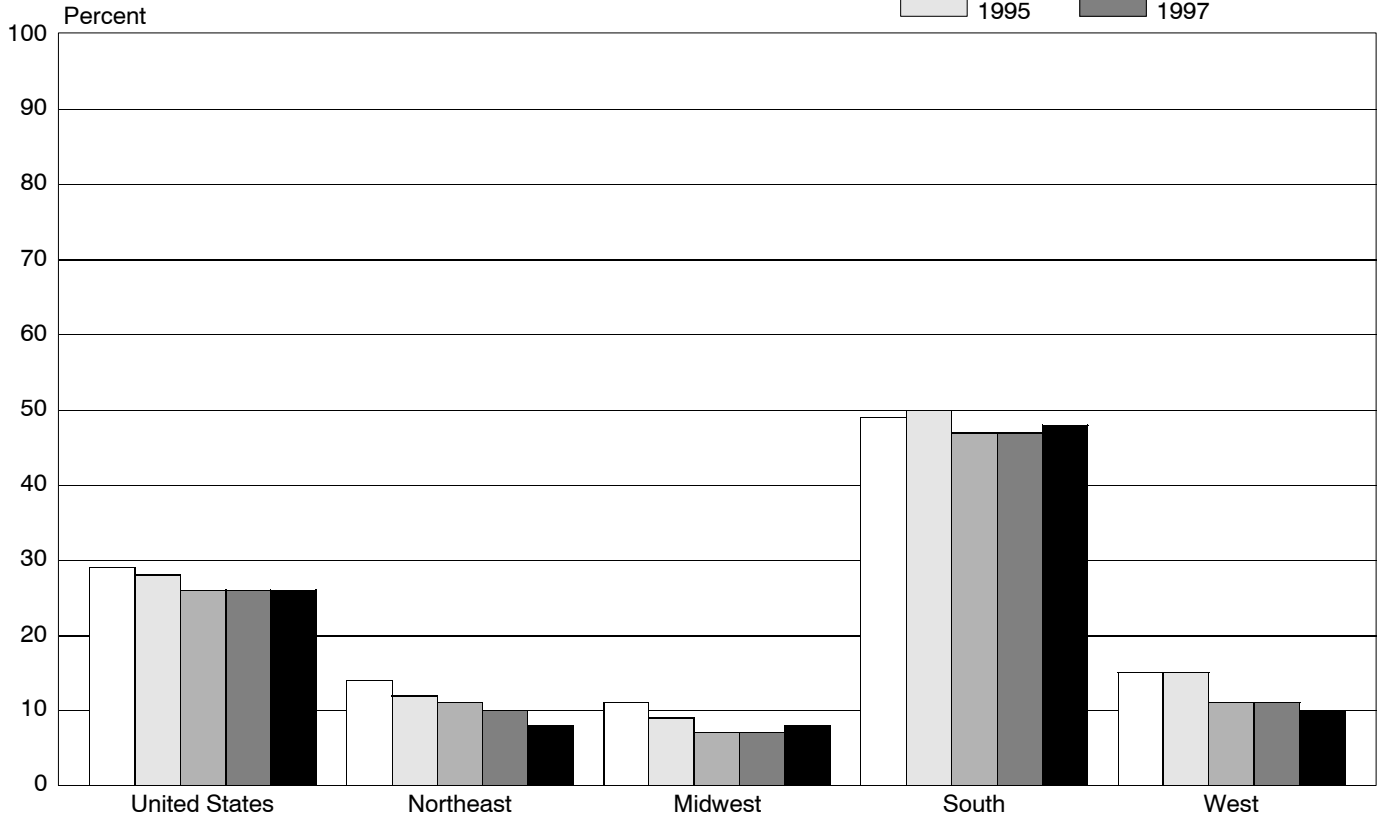




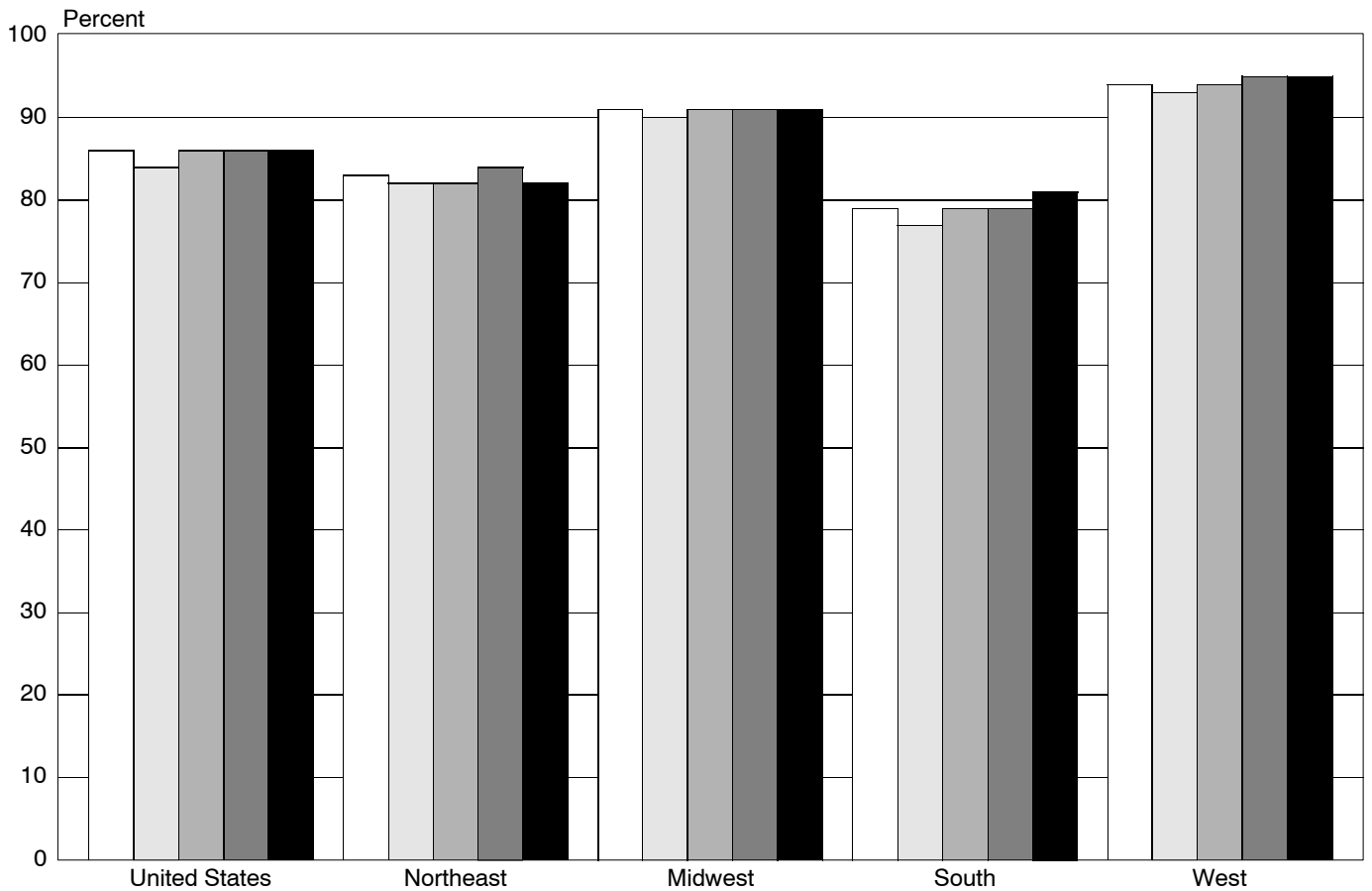
Figure 5.

**New Houses Using Electric Heat**

1994 1995 1996 1997 1998



**New Houses With a Garage**



**Table 17. Characteristics of New Multifamily Buildings by Region: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Characteristics and region	Number of buildings (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>23</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Northeast .....	3	3	2	4	2	9	11	8	17	9
Midwest .....	8	7	7	7	6	26	21	25	26	26
South .....	13	12	11	8	8	43	41	38	31	36
West .....	8	8	8	7	7	23	26	28	26	29
<b>NUMBER OF FLOORS</b>										
<b>United States</b> .....	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>23</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	31	29	29	27	23	98	98	99	98	99
4 floors or more .....	1	1	(Z)	(Z)	(Z)	2	2	(S)	(S)	(S)
<b>Northeast</b> .....	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	2	3	2	4	2	95	98	98	96	99
4 floors or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>Midwest</b> .....	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	8	7	7	7	6	99	99	99	99	100
4 floors or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>South</b> .....	<b>13</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	13	12	11	8	8	98	98	98	98	98
4 floors or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>West</b> .....	<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	8	8	8	7	7	98	99	99	99	98
4 floors or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>NUMBER OF UNITS</b>										
<b>United States</b> .....	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>23</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	15	13	12	13	11	46	44	41	46	50
5 to 9 units .....	6	7	7	6	6	20	24	24	23	25
10 to 19 units .....	6	6	7	5	4	20	21	23	19	16
20 to 29 units .....	6	2	3	2	1	11	8	9	9	5
30 to 49 units .....	3	1	1	1	1	2	2	3	2	3
50 units or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>Northeast</b> .....	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	2	(Z)	1	(S)	1	75	(S)	62	(S)	69
5 to 9 units .....	(Z)	(Z)	(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)
10 to 19 units .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
20 to 29 units .....	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
30 to 49 units .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
50 units or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>Midwest</b> .....	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	5	4	4	4	4	61	49	57	60	59
5 to 9 units .....	1	1	1	1	1	14	17	17	18	15
10 to 19 units .....	1	2	1	1	1	16	24	17	13	12
20 to 29 units .....	1	(Z)	(Z)	(Z)	(Z)	7	(S)	(S)	(S)	(S)
30 to 49 units .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
50 units or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>South</b> .....	<b>13</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	4	3	3	2	4	27	26	31	22	42
5 to 9 units .....	3	4	2	2	2	25	31	22	28	27
10 to 19 units .....	3	3	3	2	2	26	25	28	29	20
20 to 29 units .....	2	2	2	1	1	18	14	16	17	7
30 to 49 units .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
50 units or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>West</b> .....	<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	3	3	3	3	3	34	33	35	39	45
5 to 9 units .....	2	3	3	2	2	28	35	34	33	34
10 to 19 units .....	2	2	2	1	1	26	22	23	21	17
20 to 29 units .....	1	1	(Z)	(Z)	(Z)	9	7	(S)	(S)	(S)
30 to 49 units .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
50 units or more .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>AIR-CONDITIONING</b>										
<b>United States</b> .....	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>23</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	28	25	25	22	19	87	84	85	81	82
Without air-conditioning .....	4	5	4	5	4	13	16	15	19	18
<b>Northeast</b> .....	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	2	2	2	(S)	1	69	69	76	(S)	62
Without air-conditioning .....	1	1	1	(S)	(S)	31	31	24	(S)	(S)
<b>Midwest</b> .....	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	7	6	7	6	5	92	90	93	92	92
Without air-conditioning .....	1	1	1	1	(Z)	8	10	7	8	(S)
<b>South</b> .....	<b>13</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	13	12	11	8	8	100	100	99	99	99
Without air-conditioning .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>West</b> .....	<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	5	5	5	3	4	65	60	62	47	59
Without air-conditioning .....	3	3	3	4	3	35	40	38	53	41

See footnotes at end of table.

**Table 17. Characteristics of New Multifamily Buildings by Region: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Characteristics and region	Number of buildings (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>TYPE OF HEATING FUEL</b>										
<b>United States</b> .....	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>23</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	14	14	13	10	9	46	46	44	38	39
Gas .....	17	16	16	17	14	54	54	56	61	59
Oil .....	(Z)	(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>Northeast</b> .....	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	(Z)	1	(Z)	(S)	(Z)	(S)	17	(S)	(S)	(S)
Gas .....	3	2	2	(S)	2	98	83	96	(S)	84
Oil .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
<b>Midwest</b> .....	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	1	1	2	1	1	18	18	20	16	16
Gas .....	7	6	6	6	5	82	81	80	84	84
Oil .....	(Z)	(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>South</b> .....	<b>13</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	11	9	8	5	6	79	76	74	61	71
Gas .....	3	3	3	3	2	21	24	26	39	28
Oil .....	(Z)	(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>West</b> .....	<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	2	3	3	3	2	31	37	35	38	28
Gas .....	5	5	5	4	5	66	62	62	57	68
Oil .....	(Z)	(Z)	(S)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(S)	(S)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>HEAT PUMP</b>										
<b>United States</b> .....	<b>32</b>	<b>30</b>	<b>29</b>	<b>27</b>	<b>23</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	10	8	7	6	5	31	27	24	20	24
Without a heat pump .....	22	22	22	22	17	70	73	76	80	76
<b>Northeast</b> .....	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Without a heat pump .....	3	2	(S)	(S)	(S)	98	91	(S)	(S)	(S)
<b>Midwest</b> .....	<b>8</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	1	(Z)	(Z)	1	1	13	(S)	(S)	8	10
Without a heat pump .....	7	7	7	6	5	87	94	96	92	91
<b>South</b> .....	<b>13</b>	<b>12</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	7	6	6	3	4	54	52	49	40	44
Without a heat pump .....	6	6	6	5	5	46	48	51	60	56
<b>West</b> .....	<b>8</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	1	1	1	1	1	18	16	14	10	17
Without a heat pump .....	6	7	7	6	6	82	84	86	90	83

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. Z Fewer than 500 buildings or less than 0.5 percent.

**Table 18. Characteristics of Units in Multifamily Buildings by Region: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Characteristics and region	Number of units (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Northeast .....	21	19	17	19	11	7	7	6	8	6
Midwest .....	62	59	60	56	52	20	21	21	23	28
South .....	154	129	130	109	74	49	45	46	44	39
West .....	78	77	77	63	50	25	27	27	26	27
<b>NUMBER OF FLOORS PER BUILDING</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	287	259	267	228	173	91	91	94	92	93
4 floors or more .....	27	25	17	19	14	9	9	6	8	8
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	14	16	(S)	12	10	66	86	(S)	64	96
4 floors or more .....	7	3	(S)	7	(Z)	34	15	(S)	36	(S)
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	59	58	58	55	51	97	98	96	98	98
4 floors or more .....	2	1	2	1	1	3	2	4	2	3
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	143	114	120	101	67	92	88	92	93	91
4 floors or more .....	12	15	10	8	7	8	12	8	7	9
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 to 3 floors .....	71	71	74	60	45	92	92	95	94	89
4 floors or more .....	6	6	4	4	5	8	8	5	6	11
<b>NUMBER OF UNITS PER BUILDING</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	41	37	33	35	32	13	13	12	14	17
5 to 9 units .....	46	54	51	46	42	15	19	18	19	23
10 to 19 units .....	88	86	88	69	49	28	30	31	28	26
20 to 29 units .....	80	57	58	54	28	25	20	20	22	15
30 to 49 units .....	23	22	29	24	21	7	8	10	10	11
50 units or more .....	37	28	26	19	14	12	10	9	8	8
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	5	4	3	(S)	3	22	21	19	(S)	30
5 to 9 units .....	2	2	3	2	3	12	12	17	9	27
10 to 19 units .....	2	7	4	3	2	9	35	26	18	23
20 to 29 units .....	3	2	2	3	(S)	14	12	13	15	(S)
30 to 49 units .....	(Z)	(Z)	3	(Z)	(Z)	(S)	(S)	18	(S)	(S)
50 units or more .....	9	4	1	7	1	43	19	8	38	10
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	15	13	11	11	10	24	22	19	20	19
5 to 9 units .....	7	7	8	10	6	12	12	14	18	12
10 to 19 units .....	15	18	16	14	10	24	31	27	25	19
20 to 29 units .....	12	7	6	11	9	20	12	10	19	18
30 to 49 units .....	6	9	9	7	12	10	15	16	13	23
50 units or more .....	7	5	9	3	5	11	8	14	5	10
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	12	11	10	10	10	8	9	7	9	14
5 to 9 units .....	23	25	19	17	17	15	19	14	16	23
10 to 19 units .....	46	37	41	31	22	30	29	32	29	29
20 to 29 units .....	51	35	40	32	14	33	27	31	30	19
30 to 49 units .....	11	10	10	11	7	7	8	7	10	9
50 units or more .....	11	11	10	6	4	7	9	8	6	5
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
2 to 4 units .....	9	8	9	10	9	11	10	11	15	17
5 to 9 units .....	14	19	20	17	16	19	25	26	27	32
10 to 19 units .....	25	24	26	20	15	32	31	33	32	31
20 to 29 units .....	14	13	10	9	4	18	17	13	14	8
30 to 49 units .....	5	4	7	4	2	7	5	9	7	4
50 units or more .....	10	9	5	3	4	13	12	7	5	8
<b>AIR-CONDITIONING</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	286	253	252	212	162	91	89	89	86	87
Without air-conditioning .....	29	32	32	35	25	9	11	11	14	13
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	18	16	16	(S)	8	87	85	90	(S)	80
Without air-conditioning .....	3	3	2	(S)	2	14	15	10	(S)	20
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	58	56	57	52	50	95	95	95	94	95
Without air-conditioning .....	3	3	3	4	2	5	5	5	6	5
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	154	128	129	108	73	100	100	99	99	99
Without air-conditioning .....	(Z)	(Z)	1	1	1	(S)	(S)	1	1	1
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With air-conditioning .....	55	52	51	36	31	71	68	66	56	61
Without air-conditioning .....	23	25	26	28	20	29	33	34	44	39

See footnotes at end of table.

**Table 18. Characteristics of Units in Multifamily Buildings by Region: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Characteristics and region	Number of units (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>TYPE OF HEATING FUEL</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	173	155	147	126	86	55	54	52	51	46
Gas .....	137	128	135	117	97	44	45	48	47	52
Oil .....	3	(Z)	(Z)	1	(S)	1	(S)	(S)	1	(S)
Other types .....	2	(Z)	2	3	3	1	(S)	1	1	2
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	(S)	(S)	2	5	1	(S)	(S)	9	26	13
Gas .....	19	13	15	13	9	90	72	89	68	81
Oil .....	2	(Z)	(Z)	1	(S)	10	(S)	(S)	6	(S)
Other types .....	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	18	13	11	12	11	29	22	19	22	21
Gas .....	44	46	48	44	41	71	78	81	78	79
Oil .....	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	123	102	103	79	55	80	80	79	73	75
Gas .....	31	26	27	29	18	20	21	21	27	25
Oil .....	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)	(S)
Other types .....	(Z)	(Z)	(Z)	(Z)	(Z)	(S)	(S)	(S)	(S)	(S)
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Electricity .....	32	34	31	29	19	41	44	40	46	37
Gas .....	44	42	45	31	29	56	55	58	49	58
Oil .....	1	(Z)	(Z)	(Z)	(S)	1	(S)	(S)	(S)	(S)
Other types .....	2	1	2	3	3	2	1	2	5	6
<b>HEAT PUMP</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	102	85	83	66	48	33	30	29	27	26
Without a heat pump .....	212	199	202	181	139	68	70	71	73	74
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
Without a heat pump .....	20	16	(S)	(S)	(S)	96	84	(S)	(S)	(S)
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	6	3	2	5	3	9	6	3	9	6
Without a heat pump .....	56	56	58	51	49	91	94	97	92	94
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	78	63	66	47	31	51	49	51	43	42
Without a heat pump .....	76	65	64	62	42	49	51	49	57	58
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
With a heat pump .....	17	15	13	10	12	23	20	17	16	23
Without a heat pump .....	60	62	64	53	39	78	81	83	84	77
<b>BEDROOMS PER UNIT</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Efficiencies .....	7	6	4	5	4	2	2	2	2	2
1 bedroom .....	93	76	76	65	51	30	27	27	26	27
2 bedrooms .....	163	155	157	138	104	52	55	55	56	56
3 bedrooms or more .....	51	46	47	40	29	16	16	17	16	15
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Efficiencies .....	1	2	1	1	(S)	5	10	3	5	(S)
1 bedroom .....	10	4	5	8	2	48	22	31	40	18
2 bedrooms .....	7	8	9	8	6	32	42	53	44	57
3 bedrooms or more .....	3	5	2	(S)	(S)	16	26	13	(S)	(S)
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Efficiencies .....	2	(Z)	(Z)	1	(S)	3	(S)	(S)	3	(S)
1 bedroom .....	16	13	12	10	15	25	22	19	19	29
2 bedrooms .....	36	37	37	35	31	59	62	62	62	60
3 bedrooms or more .....	8	10	11	9	5	13	16	18	16	10
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Efficiencies .....	2	1	(S)	1	(S)	2	1	(S)	1	(S)
1 bedroom .....	45	39	37	33	22	29	30	29	30	30
2 bedrooms .....	81	70	69	59	39	53	55	53	54	54
3 bedrooms or more .....	26	18	21	16	12	17	14	16	15	16
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Efficiencies .....	2	3	1	1	2	3	4	1	2	4
1 bedroom .....	23	21	21	14	12	30	27	27	23	24
2 bedrooms .....	39	40	42	36	27	50	52	54	57	54
3 bedrooms or more .....	14	14	14	12	10	17	18	18	19	19
<b>BATHROOMS PER UNIT</b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 bathroom .....	136	120	115	106	89	43	42	40	43	48
1 1/2 bathrooms .....	23	25	24	20	15	7	9	9	8	8
2 bathrooms or more .....	156	139	145	121	82	49	49	51	49	44
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 bathroom .....	14	9	8	11	6	67	46	47	57	54
1 1/2 bathrooms .....	2	1	2	1	10	8	11	11	4	13
2 bathrooms or more .....	5	9	7	7	3	24	46	42	39	33
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 bathroom .....	33	29	29	26	31	53	49	48	46	61
1 1/2 bathrooms .....	8	10	10	8	6	12	17	17	14	12
2 bathrooms or more .....	21	20	21	22	14	35	34	35	40	28
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 bathroom .....	56	49	50	43	32	37	38	39	40	44
1 1/2 bathrooms .....	10	10	8	10	4	7	8	6	9	6
2 bathrooms or more .....	88	69	72	55	37	57	54	55	51	50

See footnotes at end of table.

**Table 18. Characteristics of Units in Multifamily Buildings by Region: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

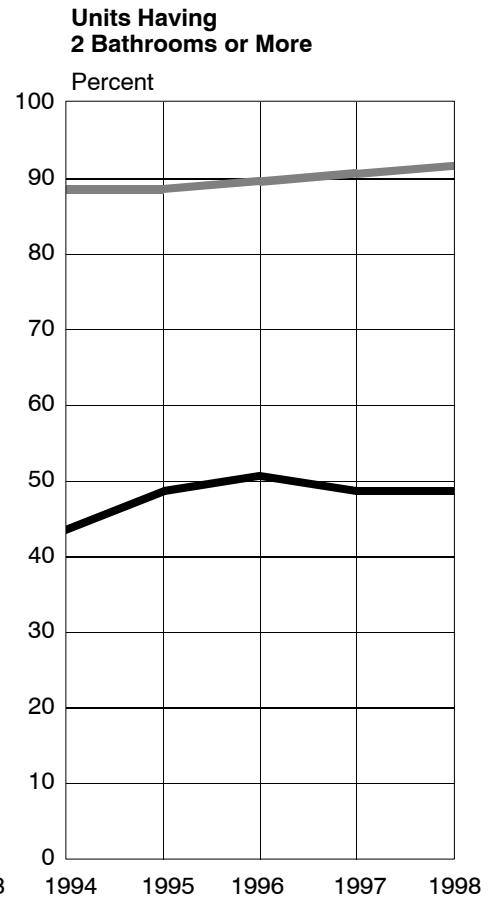
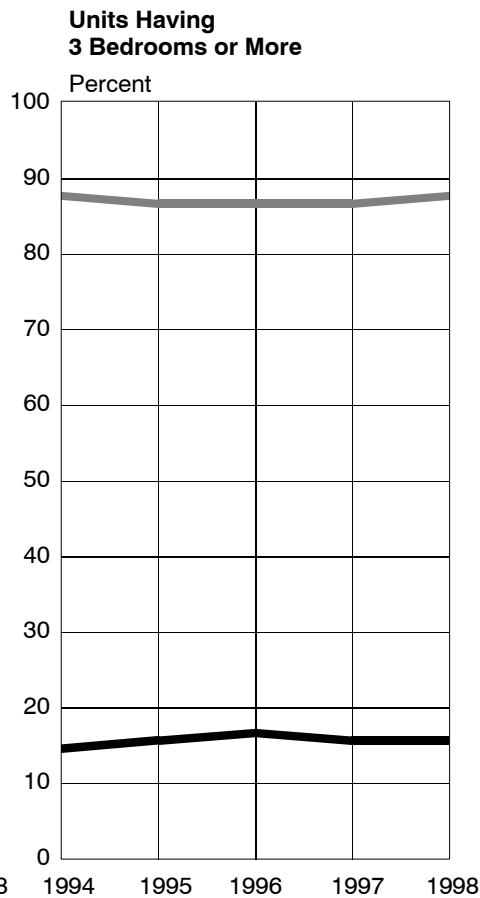
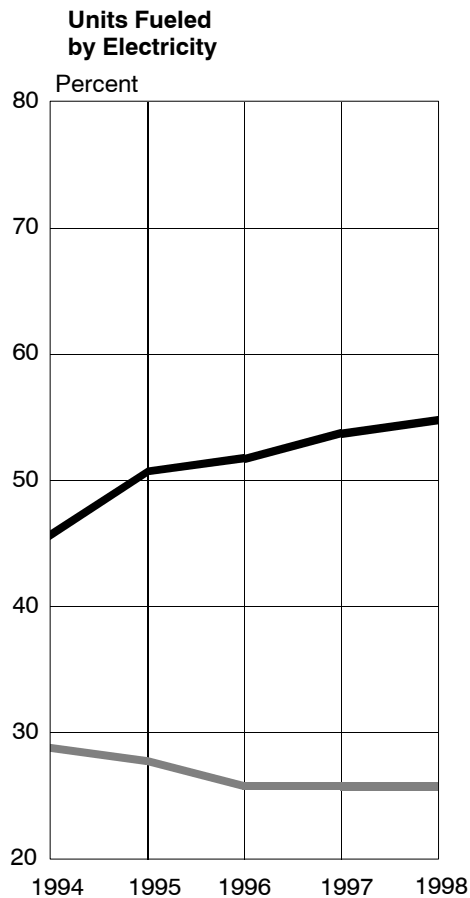
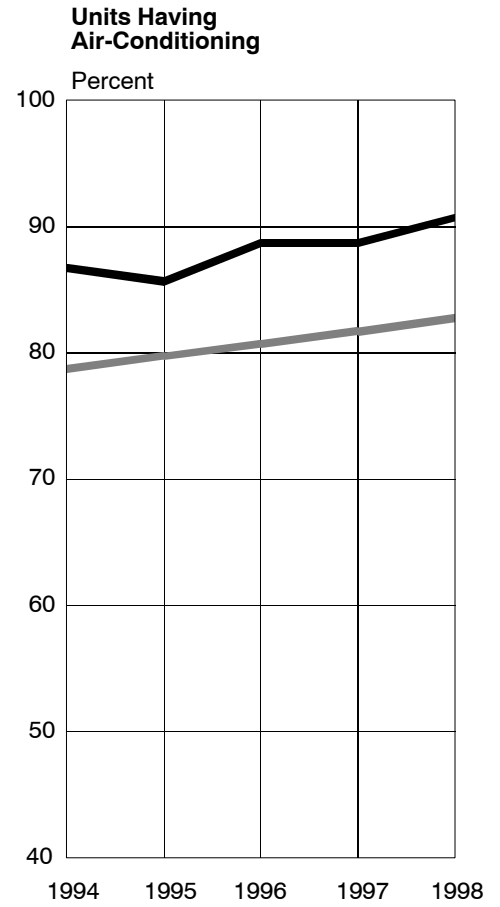
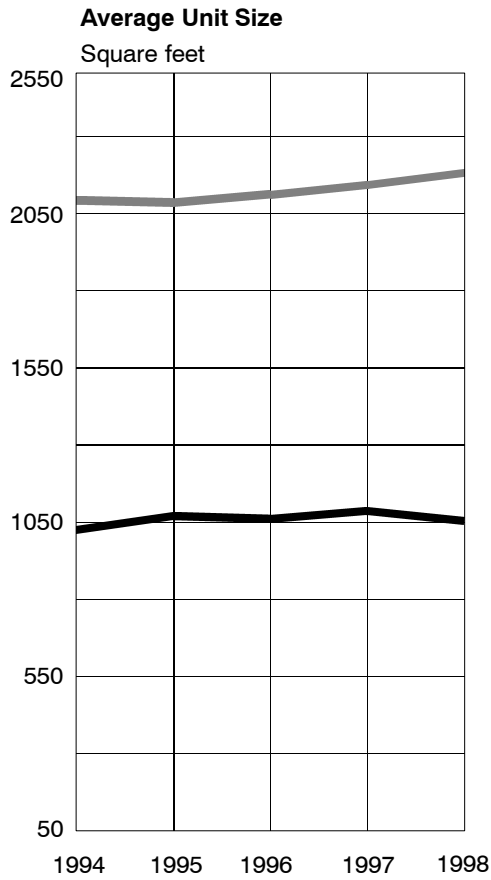
Characteristics and region	Number of units (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>BATHROOMS PER UNIT—Con.</b>										
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
1 bathroom .....	33	33	28	26	20	42	43	36	41	39
1 1/2 bathrooms .....	3	3	4	2	3	4	4	6	3	5
2 bathrooms or more .....	42	41	45	36	28	54	53	59	56	56
<b>AVERAGE SQUARE FEET PER UNIT/PER BUILDING<sup>1</sup></b>										
<b>United States</b> .....	<b>314</b>	<b>284</b>	<b>284</b>	<b>247</b>	<b>187</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Less than 600 square feet .....	10	14	15	10	8	3	5	5	4	4
600 to 799 square feet .....	44	36	27	33	31	14	13	10	13	17
800 to 999 square feet .....	95	69	85	65	50	30	24	30	26	27
1,000 to 1,199 square feet .....	86	90	84	73	57	27	32	30	30	31
1,200 square feet or more .....	80	76	73	66	41	26	27	26	27	22
<b>Northeast</b> .....	<b>21</b>	<b>19</b>	<b>17</b>	<b>19</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Less than 600 square feet .....	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)	(S)
600 to 799 square feet .....	4	3	(S)	(S)	(S)	22	14	(S)	(S)	(S)
800 to 999 square feet .....	6	2	(S)	(S)	(S)	29	11	(S)	(S)	(S)
1,000 to 1,199 square feet .....	4	7	(S)	(S)	(S)	18	39	(S)	(S)	(S)
1,200 square feet or more .....	4	6	(S)	(S)	(S)	21	30	(S)	(S)	(S)
<b>Midwest</b> .....	<b>62</b>	<b>59</b>	<b>60</b>	<b>56</b>	<b>52</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Less than 600 square feet .....	2	4	2	2	2	3	7	3	4	4
600 to 799 square feet .....	10	6	5	4	5	16	10	8	7	10
800 to 999 square feet .....	19	12	19	14	17	31	20	32	26	32
1,000 to 1,199 square feet .....	13	21	18	19	19	22	36	31	35	36
1,200 square feet or more .....	17	16	16	16	9	28	27	26	28	18
<b>South</b> .....	<b>154</b>	<b>129</b>	<b>130</b>	<b>109</b>	<b>74</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Less than 600 square feet .....	3	6	6	5	3	2	5	5	4	4
600 to 799 square feet .....	16	17	14	15	15	11	14	10	14	20
800 to 999 square feet .....	47	32	40	26	17	30	25	30	24	23
1,000 to 1,199 square feet .....	48	38	43	33	21	31	30	33	30	29
1,200 square feet or more .....	40	35	28	29	18	26	27	22	27	25
<b>West</b> .....	<b>78</b>	<b>77</b>	<b>77</b>	<b>63</b>	<b>50</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Less than 600 square feet .....	2	2	3	1	3	3	3	3	2	6
600 to 799 square feet .....	13	10	8	11	10	17	13	10	17	19
800 to 999 square feet .....	23	23	26	18	12	30	30	34	28	25
1,000 to 1,199 square feet .....	21	23	19	18	15	27	29	25	28	29
1,200 square feet or more .....	18	19	22	16	11	23	25	28	25	21
<b>AVERAGE AND MEDIAN SQUARE FEET OF FLOOR AREA<sup>1</sup></b>										
<b>United States</b>										
Average .....	1 065	1 095	1 070	1 080	1 035	(X)	(X)	(X)	(X)	(X)
Median .....	1 020	1 050	1 030	1 040	1 015	(X)	(X)	(X)	(X)	(X)
<b>Northeast</b>										
Average .....	1 020	1 160	(S)	(S)	(S)	(X)	(X)	(X)	(X)	(X)
Median .....	(S)	1 090	(S)	(S)	(S)	(X)	(X)	(X)	(X)	(X)
<b>Midwest</b>										
Average .....	1 080	1 110	1 065	1 085	1 025	(X)	(X)	(X)	(X)	(X)
Median .....	995	1 070	1 030	1 075	1 020	(X)	(X)	(X)	(X)	(X)
<b>South</b>										
Average .....	1 080	1 095	1 065	1 045	1 060	(X)	(X)	(X)	(X)	(X)
Median .....	1 045	1 050	1 025	1 045	1 025	(X)	(X)	(X)	(X)	(X)
<b>West</b>										
Average .....	1 040	1 060	1 085	1 095	1 015	(X)	(X)	(X)	(X)	(X)
Median .....	995	1 025	1 020	1 015	995	(X)	(X)	(X)	(X)	(X)

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Fewer than 500 units or less than 0.5 percent.

<sup>1</sup>All units in building are included in one size category based on average number of square feet per housing unit. The average was calculated using total square feet of all floors based on exterior dimensions divided by number of housing units in the building. Hallways, lobbies, and elevator shafts were included in the total floor area; unfinished basements, common laundry rooms, etc., were excluded.

Figure 6.  
**Comparison of Completed Units With Selected Characteristics: 1994 to 1998**

— One-family units  
 — Units in multifamily buildings



**Table 19. Sales Price of Houses by Location and Type of Financing: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Sales price, location, and type of financing	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>886</b>	<b>804</b>	<b>757</b>	<b>667</b>	<b>670</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	19	22	26	26	37	2	3	3	4	6
\$70,000 to \$79,999 .....	22	28	33	32	35	2	4	4	5	5
\$80,000 to \$99,999 .....	91	93	104	101	108	10	12	14	15	16
\$100,000 to \$119,999 .....	112	103	101	99	93	13	13	13	15	14
\$120,000 to \$149,999 .....	183	173	159	144	140	21	21	21	22	21
\$150,000 to \$199,999 .....	208	177	160	127	129	23	22	21	19	19
\$200,000 to \$249,999 .....	104	83	79	63	55	12	10	10	9	8
\$250,000 to \$299,999 .....	59	46	40	29	28	7	6	5	4	4
\$300,000 and over .....	88	78	56	46	44	10	10	7	7	7
Average sales price .....	181 900	176 200	166 400	158 700	154 500	(X)	(X)	(X)	(X)	(X)
Median sales price .....	152 500	146 000	140 000	133 900	130 000	(X)	(X)	(X)	(X)	(X)
<b>Inside MSAs</b> .....	<b>806</b>	<b>734</b>	<b>691</b>	<b>608</b>	<b>610</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	13	17	21	20	28	2	2	3	3	5
\$70,000 to \$79,999 .....	18	24	29	27	29	2	3	4	4	5
\$80,000 to \$99,999 .....	74	78	90	84	93	9	11	13	14	15
\$100,000 to \$119,999 .....	99	91	91	88	83	12	12	13	15	14
\$120,000 to \$149,999 .....	166	156	144	132	132	21	21	21	22	22
\$150,000 to \$199,999 .....	194	165	148	120	121	24	22	21	20	20
\$200,000 to \$249,999 .....	99	80	75	62	53	12	11	11	10	9
\$250,000 to \$299,999 .....	57	44	38	28	27	7	6	5	5	4
\$300,000 and over .....	87	77	55	46	43	11	11	8	7	7
Average sales price .....	187 900	181 400	170 600	163 100	158 800	(X)	(X)	(X)	(X)	(X)
Median sales price .....	157 000	150 000	143 700	137 000	134 000	(X)	(X)	(X)	(X)	(X)
<b>Outside MSAs</b> .....	<b>79</b>	<b>69</b>	<b>66</b>	<b>59</b>	<b>60</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	6	5	5	6	9	7	7	8	10	15
\$70,000 to \$79,999 .....	4	4	4	5	6	5	5	6	8	10
\$80,000 to \$99,999 .....	17	15	14	16	15	21	21	21	27	25
\$100,000 to \$119,999 .....	13	12	10	11	10	17	18	15	19	17
\$120,000 to \$149,999 .....	17	16	15	12	9	22	23	22	21	14
\$150,000 to \$199,999 .....	14	12	12	7	8	17	17	18	12	13
\$200,000 to \$249,999 .....	5	3	4	(B)	(B)	6	5	6	(B)	(B)
\$250,000 to \$299,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$300,000 and over .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Average sales price .....	133 200	128 600	129 400	114 400	113 200	(X)	(X)	(X)	(X)	(X)
Median sales price .....	119 500	119 000	119 000	105 000	100 000	(X)	(X)	(X)	(X)	(X)
<b>Northeast</b> .....	<b>81</b>	<b>78</b>	<b>74</b>	<b>55</b>	<b>61</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$70,000 to \$79,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$80,000 to \$99,999 .....	3	4	5	4	5	3	5	6	8	9
\$100,000 to \$119,999 .....	5	4	5	4	5	6	5	6	7	8
\$120,000 to \$149,999 .....	12	11	11	9	11	15	14	15	16	18
\$150,000 to \$199,999 .....	19	20	18	13	17	24	26	24	23	27
\$200,000 to \$249,999 .....	13	12	14	9	8	16	16	19	16	13
\$250,000 to \$299,999 .....	11	8	5	4	3	14	10	7	7	6
\$300,000 and over .....	17	16	13	10	10	21	20	18	19	16
Average sales price .....	240 100	234 100	226 100	216 600	200 500	(X)	(X)	(X)	(X)	(X)
Median sales price .....	200 000	190 000	186 000	180 000	169 000	(X)	(X)	(X)	(X)	(X)
<b>Midwest</b> .....	<b>164</b>	<b>140</b>	<b>137</b>	<b>125</b>	<b>123</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	(B)	(B)	(B)	4	(B)	(B)	(B)	(B)	4
\$70,000 to \$79,999 .....	3	3	4	4	6	2	2	3	3	5
\$80,000 to \$99,999 .....	16	17	21	21	18	12	12	15	17	14
\$100,000 to \$119,999 .....	20	18	20	20	19	12	13	15	16	16
\$120,000 to \$149,999 .....	33	30	32	27	28	20	21	23	22	23
\$150,000 to \$199,999 .....	42	32	29	25	25	25	23	21	20	21
\$200,000 to \$249,999 .....	22	16	14	12	10	13	12	10	10	8
\$250,000 to \$299,999 .....	11	8	6	6	6	7	6	5	5	5
\$300,000 and over .....	15	13	8	7	6	9	9	6	6	5
Average sales price .....	179 200	173 000	158 900	157 200	152 700	(X)	(X)	(X)	(X)	(X)
Median sales price .....	157 500	149 900	138 000	134 000	132 900	(X)	(X)	(X)	(X)	(X)
<b>South</b> .....	<b>398</b>	<b>363</b>	<b>337</b>	<b>300</b>	<b>295</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	16	19	21	21	30	4	5	6	7	10
\$70,000 to \$79,999 .....	17	21	24	22	22	4	6	7	7	7
\$80,000 to \$99,999 .....	57	60	63	54	61	14	17	19	18	21
\$100,000 to \$119,999 .....	61	54	45	44	40	15	15	13	15	13
\$120,000 to \$149,999 .....	82	76	69	63	54	21	21	20	21	18
\$150,000 to \$199,999 .....	80	69	61	49	46	20	19	18	16	16
\$200,000 to \$249,999 .....	40	29	27	24	19	10	8	8	8	6
\$250,000 to \$299,999 .....	20	15	13	10	10	5	4	4	3	4
\$300,000 and over .....	25	20	14	13	13	6	5	4	4	4
Average sales price .....	159 700	151 400	144 200	136 800	136 800	(X)	(X)	(X)	(X)	(X)
Median sales price .....	135 800	129 600	126 200	124 500	116 900	(X)	(X)	(X)	(X)	(X)
<b>West</b> .....	<b>243</b>	<b>223</b>	<b>209</b>	<b>187</b>	<b>191</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	(B)	(B)	3	3	(B)	(B)	(B)	1	1
\$70,000 to \$79,999 .....	(B)	3	4	5	5	(B)	1	2	3	3
\$80,000 to \$99,999 .....	15	12	16	21	23	6	5	7	11	12
\$100,000 to \$119,999 .....	25	26	30	32	30	11	12	15	17	15
\$120,000 to \$149,999 .....	56	56	47	44	47	23	25	23	24	25
\$150,000 to \$199,999 .....	67	55	51	40	41	28	25	24	22	21
\$200,000 to \$249,999 .....	29	26	23	17	19	12	11	11	9	10
\$250,000 to \$299,999 .....	17	15	15	9	8	7	7	7	5	4
\$300,000 and over .....	31	30	21	16	15	13	13	10	8	8
Average sales price .....	200 500	198 200	186 200	168 900	168 900	(X)	(X)	(X)	(X)	(X)
Median sales price .....	163 500	160 000	153 900	141 000	140 400	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.



**Table 19. Sales Price of Houses by Location and Type of Financing: 1994 to 1998—Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Sales price, location, and type of financing	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>FHA-insured</b> .....	<b>90</b>	<b>90</b>	<b>89</b>	<b>79</b>	<b>78</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	5	5	5	6	7	5	5	5	7	9
\$70,000 to \$79,999 .....	5	8	9	10	11	6	9	10	13	14
\$80,000 to \$99,999 .....	26	27	32	28	28	29	30	36	36	35
\$100,000 to \$119,999 .....	24	22	20	19	17	27	25	23	24	22
\$120,000 to \$149,999 .....	22	21	16	13	13	24	24	19	16	17
\$150,000 to \$199,999 .....	8	6	6	3	(B)	8	7	7	3	(B)
\$200,000 to \$249,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$250,000 to \$299,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$300,000 and over .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Average sales price .....	111 100	108 000	105 700	100 700	101 000	(X)	(X)	(X)	(X)	(X)
Median sales price .....	109 000	106 000	99 900	95 900	95 000	(X)	(X)	(X)	(X)	(X)
<b>VA-guaranteed</b> .....	<b>46</b>	<b>47</b>	<b>51</b>	<b>50</b>	<b>51</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	4	6	4	5	(B)	9	11	7	10
\$70,000 to \$79,999 .....	3	5	7	5	7	7	10	13	10	13
\$80,000 to \$99,999 .....	7	8	10	13	12	16	17	20	26	23
\$100,000 to \$119,999 .....	8	8	9	9	8	18	18	18	17	16
\$120,000 to \$149,999 .....	13	13	11	12	12	29	27	21	23	23
\$150,000 to \$199,999 .....	11	8	8	7	7	23	17	16	13	15
\$200,000 to \$249,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$250,000 to \$299,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$300,000 and over .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Average sales price .....	130 000	117 500	112 600	112 800	111 400	(X)	(X)	(X)	(X)	(X)
Median sales price .....	129 000	116 000	108 000	107 000	105 400	(X)	(X)	(X)	(X)	(X)
<b>Conventional<sup>1</sup></b> .....	<b>693</b>	<b>616</b>	<b>570</b>	<b>490</b>	<b>490</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	11	11	11	11	15	2	2	2	2	3
\$70,000 to \$79,999 .....	11	13	15	13	15	2	2	3	3	3
\$80,000 to \$99,999 .....	48	53	56	51	61	7	9	10	10	12
\$100,000 to \$119,999 .....	73	65	65	63	61	11	11	11	13	13
\$120,000 to \$149,999 .....	136	125	121	111	108	20	20	21	23	22
\$150,000 to \$199,999 .....	178	153	137	110	111	26	25	24	22	23
\$200,000 to \$249,999 .....	97	77	74	60	52	14	13	13	12	11
\$250,000 to \$299,999 .....	57	44	38	28	27	8	7	7	6	5
\$300,000 and over .....	84	74	54	42	39	12	12	10	9	8
Average sales price .....	195 100	191 700	182 100	173 800	169 100	(X)	(X)	(X)	(X)	(X)
Median sales price .....	167 000	160 800	155 000	148 500	145 000	(X)	(X)	(X)	(X)	(X)
<b>Rural Housing Service</b> .....	<b>9</b>	<b>6</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	(B)	3	4	8	(B)	(B)	37	50	88
\$70,000 to \$79,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$80,000 to \$99,999 .....	4	(B)	(B)	(B)	(B)	43	(B)	(B)	(B)	(B)
\$100,000 to \$119,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$120,000 to \$149,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$150,000 to \$199,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$200,000 to \$249,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$250,000 to \$299,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$300,000 and over .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Average sales price .....	92 800	88 600	84 100	75 700	59 700	(X)	(X)	(X)	(X)	(X)
Median sales price .....	89 000	84 900	76 800	71 000	54 500	(X)	(X)	(X)	(X)	(X)
<b>Cash</b> .....	<b>48</b>	<b>46</b>	<b>38</b>	<b>39</b>	<b>41</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)	6
\$70,000 to \$79,999 .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
\$80,000 to \$99,999 .....	5	3	4	7	8	7	11	11	17	19
\$100,000 to \$119,999 .....	5	6	6	8	7	11	13	16	19	16
\$120,000 to \$149,999 .....	11	14	10	8	7	24	29	26	21	18
\$150,000 to \$199,999 .....	12	10	8	8	9	25	22	21	20	21
\$200,000 to \$249,999 .....	5	4	4	(B)	3	10	8	11	(B)	7
\$250,000 to \$299,999 .....	(B)	3	(B)	(B)	(B)	(B)	6	(B)	(B)	(B)
\$300,000 and over .....	5	4	3	3	3	11	8	7	7	7
Average sales price .....	198 800	176 700	169 600	154 900	153 000	(X)	(X)	(X)	(X)	(X)
Median sales price .....	150 000	143 900	140 000	127 000	125 500	(X)	(X)	(X)	(X)	(X)

B Withheld because estimate did not meet publication standards on the basis of sample size. X Not applicable.

<sup>1</sup>Includes other types of financing (not shown separately).

**Table 20. Closing Costs Included in Sales Price of Houses by Location and Type of Financing: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Closing costs, location, and type of financing	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>886</b>	<b>804</b>	<b>757</b>	<b>667</b>	<b>670</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	199	192	175	153	149	22	24	23	23	22
Not included .....	687	612	582	514	521	78	76	77	77	78
<b>Inside MSAs</b> .....	<b>806</b>	<b>734</b>	<b>691</b>	<b>608</b>	<b>610</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	172	168	152	138	132	21	23	22	23	22
Not included .....	634	566	539	470	477	79	77	78	77	78
<b>Outside MSAs</b> .....	<b>79</b>	<b>69</b>	<b>66</b>	<b>59</b>	<b>60</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	27	24	23	15	17	34	35	35	26	28
Not included .....	53	45	43	44	44	66	65	65	74	72
<b>Northeast</b> .....	<b>81</b>	<b>78</b>	<b>74</b>	<b>55</b>	<b>61</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	5	5	5	3	4	6	6	7	5	7
Not included .....	76	73	69	52	57	94	94	93	95	93
<b>Midwest</b> .....	<b>164</b>	<b>140</b>	<b>137</b>	<b>125</b>	<b>123</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	26	29	31	27	19	16	21	23	22	15
Not included .....	138	110	106	98	104	84	79	77	78	85
<b>South</b> .....	<b>398</b>	<b>363</b>	<b>337</b>	<b>300</b>	<b>295</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	135	131	113	99	98	34	36	34	33	33
Not included .....	263	233	224	201	198	66	64	66	67	67
<b>West</b> .....	<b>243</b>	<b>223</b>	<b>209</b>	<b>187</b>	<b>191</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	34	28	26	24	28	14	13	12	13	15
Not included .....	209	195	183	163	163	86	87	88	87	85
<b>FHA insured</b> .....	<b>90</b>	<b>90</b>	<b>89</b>	<b>79</b>	<b>78</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	23	26	24	20	21	25	29	27	26	27
Not included .....	67	64	65	58	57	75	71	73	74	73
<b>VA guaranteed</b> .....	<b>46</b>	<b>47</b>	<b>51</b>	<b>50</b>	<b>51</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	16	16	17	17	18	35	34	33	34	35
Not included .....	30	31	35	33	33	65	66	67	66	65
<b>Conventional<sup>1</sup></b> .....	<b>693</b>	<b>616</b>	<b>570</b>	<b>490</b>	<b>490</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	146	138	121	104	98	21	22	21	21	20
Not included .....	547	478	449	387	392	79	78	79	79	80
<b>Rural Housing Service</b> .....	<b>9</b>	<b>6</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	5	3	4	4	3	60	51	45	44	34
Not included .....	3	3	5	5	6	40	49	55	56	66
<b>Cash</b> .....	<b>48</b>	<b>46</b>	<b>38</b>	<b>39</b>	<b>41</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Included .....	10	9	9	8	7	20	21	25	21	18
Not included .....	38	36	29	31	34	80	79	75	79	82

B Withheld because estimate did not meet publication standards on the basis of sample size.

<sup>1</sup>Includes other types of financing (not shown separately).

**Table 21. Price Per Square Foot of Floor Area by Location: 1994 to 1998**

[Price per square foot of floor area excludes value of improved lot. Components may not add to totals because of rounding. Percents computed from unrounded figures]

Price per square foot and location	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>886</b>	<b>804</b>	<b>757</b>	<b>667</b>	<b>670</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	738	646	527	433	464	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	16	17	16	12	19	2	3	3	3	4
\$35.00 to \$39.99 .....	25	26	22	21	35	3	4	4	5	7
\$40.00 to \$44.99 .....	50	46	47	45	46	7	7	9	10	10
\$45.00 to \$49.99 .....	75	70	57	56	63	10	11	11	13	14
\$50.00 to \$54.99 .....	86	78	66	60	64	12	12	13	14	14
\$55.00 to \$59.99 .....	90	82	66	57	62	12	13	12	13	13
\$60.00 to \$64.99 .....	88	72	61	48	49	12	11	12	11	10
\$65.00 to \$69.99 .....	75	64	53	42	39	10	10	10	10	8
\$70.00 to \$74.99 .....	65	52	43	26	27	9	8	8	6	6
\$75.00 and over .....	168	140	96	67	62	23	22	18	15	13
Average price per square foot .....	65.50	64.70	62.75	60.55	58.65	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	61.50	60.25	59.25	56.85	55.40	(X)	(X)	(X)	(X)	(X)
<b>Inside MSAs</b> .....	<b>806</b>	<b>734</b>	<b>691</b>	<b>608</b>	<b>610</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	667	589	474	389	417	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	13	13	13	10	17	2	2	3	2	4
\$35.00 to \$39.99 .....	21	23	20	19	31	3	4	4	5	7
\$40.00 to \$44.99 .....	46	43	43	42	42	7	7	9	11	10
\$45.00 to \$49.99 .....	69	65	52	51	57	10	11	11	13	14
\$50.00 to \$54.99 .....	78	72	61	53	57	12	12	13	14	14
\$55.00 to \$59.99 .....	81	73	59	48	54	12	12	12	12	13
\$60.00 to \$64.99 .....	77	64	54	43	43	12	11	11	11	10
\$65.00 to \$69.99 .....	66	57	46	37	35	10	10	10	10	8
\$70.00 to \$74.99 .....	58	47	39	23	25	9	8	8	6	6
\$75.00 and over .....	156	132	88	62	56	23	22	19	16	13
Average price per square foot .....	65.80	65.15	62.95	60.80	58.80	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	61.55	60.40	59.20	56.80	55.40	(X)	(X)	(X)	(X)	(X)
<b>Outside MSAs</b> .....	<b>79</b>	<b>69</b>	<b>66</b>	<b>59</b>	<b>60</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	71	57	53	45	47	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	3	3	3	2	2	4	6	5	4	4
\$35.00 to \$39.99 .....	4	2	2	1	4	5	4	4	3	8
\$40.00 to \$44.99 .....	4	3	3	3	4	6	5	6	7	9
\$45.00 to \$49.99 .....	7	5	6	5	6	9	9	11	11	13
\$50.00 to \$54.99 .....	7	6	7	7	7	10	10	11	16	15
\$55.00 to \$59.99 .....	8	9	7	8	8	12	16	14	19	16
\$60.00 to \$64.99 .....	10	8	8	5	5	14	14	14	12	11
\$65.00 to \$69.99 .....	9	7	7	4	4	12	13	13	9	8
\$70.00 to \$74.99 .....	7	5	4	3	3	9	9	8	8	5
\$75.00 and over .....	13	8	8	5	5	18	14	15	11	11
Average price per square foot .....	62.10	59.35	60.65	58.25	56.55	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	61.30	59.95	60.00	57.25	55.45	(X)	(X)	(X)	(X)	(X)
<b>Northeast</b> .....	<b>81</b>	<b>78</b>	<b>74</b>	<b>55</b>	<b>61</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	61	57	44	25	28	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	1	1	1	(Z)	(Z)	1	2	2	(S)	(S)
\$35.00 to \$39.99 .....	(Z)	1	1	(Z)	(Z)	(S)	1	1	(S)	(S)
\$40.00 to \$44.99 .....	1	2	2	1	1	2	3	4	3	4
\$45.00 to \$49.99 .....	3	3	3	1	2	5	5	7	6	9
\$50.00 to \$54.99 .....	3	5	4	3	4	5	9	10	13	13
\$55.00 to \$59.99 .....	4	7	6	4	4	7	12	14	17	15
\$60.00 to \$64.99 .....	9	7	5	4	4	14	11	11	15	13
\$65.00 to \$69.99 .....	8	7	6	3	3	13	12	13	12	12
\$70.00 to \$74.99 .....	7	5	4	3	2	11	9	10	10	8
\$75.00 and over .....	25	20	12	6	6	41	36	28	23	22
Average price per square foot .....	77.40	75.70	71.65	69.45	67.00	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	70.50	67.65	65.20	63.60	62.45	(X)	(X)	(X)	(X)	(X)
<b>Midwest</b> .....	<b>164</b>	<b>140</b>	<b>137</b>	<b>125</b>	<b>123</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	137	112	105	95	95	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	2	2	2	1	2	2	2	1	2	2
\$35.00 to \$39.99 .....	2	2	2	2	3	2	2	2	3	3
\$40.00 to \$44.99 .....	4	3	4	4	4	3	2	4	5	4
\$45.00 to \$49.99 .....	7	6	6	6	8	5	6	6	7	9
\$50.00 to \$54.99 .....	9	9	10	10	13	7	8	9	10	13
\$55.00 to \$59.99 .....	14	12	12	13	14	11	11	12	13	15
\$60.00 to \$64.99 .....	16	16	17	14	14	11	14	16	14	14
\$65.00 to \$69.99 .....	19	17	14	13	11	14	15	13	14	11
\$70.00 to \$74.99 .....	19	14	12	9	9	14	13	11	9	9
\$75.00 and over .....	44	31	26	22	18	32	27	25	24	19
Average price per square foot .....	69.15	67.55	65.85	65.55	63.10	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	68.50	66.75	64.80	63.75	61.40	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

**Table 21. Price Per Square Foot of Floor Area by Location: 1994 to 1998—Con.**

[Price per square foot of floor area excludes value of improved lot. Components may not add to totals because of rounding. Percents computed from unrounded figures]

Price per square foot and location	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>South</b> .....	<b>398</b>	<b>363</b>	<b>337</b>	<b>300</b>	<b>295</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	328	290	236	198	209	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	11	12	12	8	15	3	4	5	4	7
\$35.00 to \$39.99 .....	18	20	17	15	27	5	7	7	8	13
\$40.00 to \$44.99 .....	38	34	34	34	34	11	12	15	17	16
\$45.00 to \$49.99 .....	49	48	36	37	36	15	16	15	18	17
\$50.00 to \$54.99 .....	52	42	35	32	29	16	14	15	16	14
\$55.00 to \$59.99 .....	43	41	30	25	24	13	14	13	13	11
\$60.00 to \$64.99 .....	37	28	23	15	14	11	10	10	8	7
\$65.00 to \$69.99 .....	27	22	19	13	10	8	7	8	6	5
\$70.00 to \$74.99 .....	17	17	12	7	7	5	6	5	3	3
\$75.00 and over .....	37	28	18	13	12	11	10	8	6	6
Average price per square foot .....	58.10	56.65	55.20	53.75	52.00	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	54.75	53.75	52.50	50.90	48.80	(X)	(X)	(X)	(X)	(X)
<b>West</b> .....	<b>243</b>	<b>223</b>	<b>209</b>	<b>187</b>	<b>191</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses sold reporting sales price per square foot .....	212	187	142	115	132	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	3	2	1	2	1	1	1	1	1	1
\$35.00 to \$39.99 .....	5	3	2	3	4	2	2	2	3	3
\$40.00 to \$44.99 .....	7	7	6	7	7	3	4	4	6	5
\$45.00 to \$49.99 .....	16	13	12	12	17	8	7	9	10	13
\$50.00 to \$54.99 .....	21	22	18	16	19	10	12	13	13	14
\$55.00 to \$59.99 .....	28	23	17	14	19	13	12	12	12	15
\$60.00 to \$64.99 .....	26	22	16	15	17	12	12	11	13	13
\$65.00 to \$69.99 .....	21	18	15	13	15	10	10	10	11	11
\$70.00 to \$74.99 .....	22	15	15	8	9	10	8	10	7	7
\$75.00 and over .....	63	61	39	26	25	30	33	28	23	19
Average price per square foot .....	71.35	72.25	70.45	66.80	64.65	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	65.00	65.40	63.95	61.35	59.75	(X)	(X)	(X)	(X)	(X)

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Fewer than 500 units or less than 0.5 percent.

Note: The nonresponse rate for these data is very high, and it is not reported uniformly by sales price or region.

**Table 22. Square Feet of Floor Area by Location: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Square feet of floor area and location	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>886</b>	<b>804</b>	<b>757</b>	<b>667</b>	<b>670</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	46	50	51	50	52	5	6	7	7	8
1,200 to 1,599 square feet .....	182	175	174	156	154	21	22	23	23	23
1,600 to 1,999 square feet .....	212	190	179	163	166	24	24	24	24	25
2,000 to 2,399 square feet .....	170	150	140	121	122	19	19	19	18	18
2,400 to 2,999 square feet .....	151	132	121	104	103	17	16	16	16	15
3,000 square feet or more .....	124	107	91	73	72	14	13	12	11	11
Average square feet .....	2 170	2 140	2 090	2 050	2 050	(X)	(X)	(X)	(X)	(X)
Median square feet .....	2 000	1 960	1 940	1 880	1 900	(X)	(X)	(X)	(X)	(X)
<b>Inside MSAs</b> .....	<b>806</b>	<b>734</b>	<b>691</b>	<b>608</b>	<b>610</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	37	42	43	42	42	5	6	6	7	7
1,200 to 1,599 square feet .....	153	150	151	133	132	19	20	22	22	22
1,600 to 1,999 square feet .....	191	172	162	147	152	24	24	23	24	25
2,000 to 2,399 square feet .....	159	140	129	115	114	20	19	19	19	19
2,400 to 2,999 square feet .....	145	127	116	100	99	18	17	17	17	16
3,000 square feet or more .....	121	104	89	71	71	15	14	13	12	12
Average square feet .....	2 210	2 170	2 120	2 090	2 090	(X)	(X)	(X)	(X)	(X)
Median square feet .....	2 040	2 000	1 970	1 940	1 940	(X)	(X)	(X)	(X)	(X)
<b>Outside MSAs</b> .....	<b>79</b>	<b>69</b>	<b>66</b>	<b>59</b>	<b>60</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	9	8	8	8	10	11	12	12	14	17
1,200 to 1,599 square feet .....	29	25	23	23	22	36	36	35	38	37
1,600 to 1,999 square feet .....	21	18	17	16	14	26	26	26	28	23
2,000 to 2,399 square feet .....	11	10	11	6	8	14	14	7	11	13
2,400 to 2,999 square feet .....	6	5	5	4	4	8	8	7	6	7
3,000 square feet or more .....	3	3	(B)	(B)	(B)	4	5	(B)	(B)	(B)
Average square feet .....	1 750	1 760	1 740	1 650	1 660	(X)	(X)	(X)	(X)	(X)
Median square feet .....	1 610	1 620	1 620	1 570	1 530	(X)	(X)	(X)	(X)	(X)
<b>Northeast</b> .....	<b>81</b>	<b>78</b>	<b>74</b>	<b>55</b>	<b>61</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	3	4	4	5	5	4	5	5	9	8
1,200 to 1,599 square feet .....	13	12	12	10	10	16	16	16	18	17
1,600 to 1,999 square feet .....	16	18	17	11	15	20	23	23	20	24
2,000 to 2,399 square feet .....	17	18	15	11	11	21	24	20	20	19
2,400 to 2,999 square feet .....	18	13	15	10	10	22	17	20	19	17
3,000 square feet or more .....	13	12	13	8	10	16	16	17	15	16
Average square feet .....	2 310	2 280	2 290	2 190	2 210	(X)	(X)	(X)	(X)	(X)
Median square feet .....	2 130	2 120	2 100	2 080	2 020	(X)	(X)	(X)	(X)	(X)
<b>Midwest</b> .....	<b>164</b>	<b>140</b>	<b>137</b>	<b>125</b>	<b>123</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	11	11	13	13	13	7	8	9	10	10
1,200 to 1,599 square feet .....	37	34	36	32	31	22	24	26	26	26
1,600 to 1,999 square feet .....	39	31	30	29	27	24	22	22	23	22
2,000 to 2,399 square feet .....	31	25	25	24	22	19	18	18	19	18
2,400 to 2,999 square feet .....	27	23	21	18	19	17	17	15	14	15
3,000 square feet or more .....	18	15	12	10	10	11	11	9	8	8
Average square feet .....	2 070	2 050	1 970	1 940	1 950	(X)	(X)	(X)	(X)	(X)
Median square feet .....	1 930	1 890	1 830	1 800	1 800	(X)	(X)	(X)	(X)	(X)
<b>South</b> .....	<b>398</b>	<b>363</b>	<b>337</b>	<b>300</b>	<b>295</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	19	21	20	17	20	5	6	6	6	7
1,200 to 1,599 square feet .....	79	78	76	65	64	20	21	22	22	22
1,600 to 1,999 square feet .....	96	83	76	71	69	24	23	23	24	23
2,000 to 2,399 square feet .....	76	67	63	55	56	19	18	19	18	19
2,400 to 2,999 square feet .....	66	63	57	52	48	17	17	17	17	16
3,000 square feet or more .....	62	52	45	39	38	16	14	13	13	13
Average square feet .....	2 210	2 170	2 140	2 130	2 110	(X)	(X)	(X)	(X)	(X)
Median square feet .....	2 020	2 000	1 990	1 980	1 970	(X)	(X)	(X)	(X)	(X)
<b>West</b> .....	<b>243</b>	<b>223</b>	<b>209</b>	<b>187</b>	<b>191</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under 1,200 square feet .....	13	14	14	15	15	5	6	7	8	8
1,200 to 1,599 square feet .....	53	51	51	49	48	22	23	24	26	25
1,600 to 1,999 square feet .....	61	58	56	51	56	25	26	27	28	29
2,000 to 2,399 square feet .....	46	40	38	31	32	19	18	18	17	17
2,400 to 2,999 square feet .....	40	33	29	24	25	16	15	14	13	13
3,000 square feet or more .....	30	27	21	16	15	12	12	10	8	8
Average square feet .....	2 120	2 090	2 020	1 950	1 960	(X)	(X)	(X)	(X)	(X)
Median square feet .....	1 950	1 900	1 860	1 790	1 810	(X)	(X)	(X)	(X)	(X)

B Withheld because estimate did not meet publication standards on the basis of sample size. X Not applicable.

**Table 23. Selected Characteristics by Sales Price: 1998**

[Value of improved lot included in sales price of house. Price per square foot of floor area excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Characteristic	Total	Sales price of house						Average sales price (dollars)	Median sales price (dollars)
		Under \$100,000	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 and over		
<b>New houses sold (in thousands)</b> .....	<b>886</b>	<b>131</b>	<b>295</b>	<b>208</b>	<b>104</b>	<b>59</b>	<b>88</b>	<b>181 900</b>	<b>152 500</b>
<b>LOCATION</b>									
Number of Houses (in thousands)									
Inside MSAs .....	806	104	265	194	99	57	87	187 900	157 000
Outside MSAs .....	79	27	30	14	5	(B)	(B)	133 200	119 500
Northeast .....	81	3	17	19	13	11	17	240 100	200 000
Midwest .....	164	21	53	42	22	11	15	179 200	157 500
South .....	398	90	143	80	40	20	25	159 700	135 800
West .....	243	17	82	67	29	17	31	200 500	163 500
Percent Distribution									
Inside MSAs .....	91	79	89	93	95	97	98	(X)	(X)
Outside MSAs .....	9	21	11	7	5	(B)	(B)	(X)	(X)
Northeast .....	9	3	6	9	12	18	18	(X)	(X)
Midwest .....	18	16	18	20	21	19	17	(X)	(X)
South .....	45	69	48	38	38	34	28	(X)	(X)
West .....	27	13	28	33	29	29	37	(X)	(X)
<b>FINANCIAL CHARACTERISTICS</b>									
<b>Closing Costs Included in Sales Price</b>									
Number of Houses (in thousands)									
Included .....	199	40	77	43	18	10	11	159 800	136 900
Not included .....	687	91	219	165	86	49	77	189 900	158 900
Percent Distribution									
Included .....	22	30	26	21	17	16	13	(X)	(X)
Not included .....	78	70	74	79	83	84	87	(X)	(X)
<b>Type of Financing</b>									
Number of Houses (in thousands)									
FHA insured .....	90	36	46	8	(B)	(B)	(B)	111 100	109 000
VA guaranteed .....	46	12	21	11	(B)	(B)	(B)	130 000	129 000
Conventional <sup>1</sup> .....	693	69	209	178	97	57	84	195 100	167 000
Rural Housing Service .....	9	6	(B)	(B)	(B)	(B)	(B)	92 800	89 000
Cash .....	48	7	17	12	5	(B)	5	198 800	150 000
Percent Distribution									
FHA insured .....	10	27	16	4	(B)	(B)	(B)	(X)	(X)
VA guaranteed .....	5	9	7	5	(B)	(B)	(B)	(X)	(X)
Conventional <sup>1</sup> .....	79	53	71	85	93	96	94	(X)	(X)
Rural Housing Service .....	1	5	(B)	(B)	(B)	(B)	(B)	(X)	(X)
Cash .....	5	5	6	6	5	(B)	6	(X)	(X)
<b>Price Per Square Foot of Floor Area</b>									
Number of Houses (in thousands)									
<b>Total reporting price per square foot</b> .....	<b>738</b>	<b>112</b>	<b>251</b>	<b>175</b>	<b>84</b>	<b>48</b>	<b>68</b>	<b>179 600</b>	<b>150 000</b>
Under \$35.00 .....	16	8	6	1	1	(Z)	(Z)	103 300	98 000
\$35.00 to \$39.99 .....	25	12	10	3	(Z)	(Z)	(Z)	108 900	101 000
\$40.00 to \$44.99 .....	50	20	21	7	(Z)	(Z)	(Z)	119 100	110 000
\$45.00 to \$49.99 .....	75	21	34	15	4	1	(Z)	130 300	120 600
\$50.00 to \$54.99 .....	86	20	38	20	5	2	1	138 800	133 000
\$55.00 to \$59.99 .....	90	13	39	27	7	2	2	149 700	140 000
\$60.00 to \$64.99 .....	88	10	32	27	12	5	2	162 900	154 000
\$65.00 to \$69.99 .....	75	4	26	22	14	5	4	177 500	164 000
\$70.00 to \$74.99 .....	65	3	21	16	13	7	5	190 700	174 900
\$75.00 and over .....	168	2	27	36	26	24	54	279 400	237 900
Percent Distribution									
Under \$35.00 .....	2	7	2	1	1	(S)	(S)	(X)	(X)
\$35.00 to \$39.99 .....	3	11	4	2	(S)	(S)	(S)	(X)	(X)
\$40.00 to \$44.99 .....	7	17	8	4	2	(S)	(S)	(X)	(X)
\$45.00 to \$49.99 .....	10	19	13	9	5	2	(S)	(X)	(X)
\$50.00 to \$54.99 .....	12	18	15	12	6	4	1	(X)	(X)
\$55.00 to \$59.99 .....	12	11	15	15	9	5	2	(X)	(X)
\$60.00 to \$64.99 .....	12	9	13	16	14	11	3	(X)	(X)
\$65.00 to \$69.99 .....	10	4	10	12	17	11	5	(X)	(X)
\$70.00 to \$74.99 .....	9	3	8	9	15	15	8	(X)	(X)
\$75.00 and over .....	23	2	11	21	31	51	79	(X)	(X)

See footnotes at end of table.

**Table 23. Selected Characteristics by Sales Price: 1998—Con.**

[Value of improved lot included in sales price of house. Price per square foot of floor area excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Characteristic	Total	Sales price of house						Average sales price (dollars)	Median sales price (dollars)
		Under \$100,000	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 and over		
<b>PHYSICAL CHARACTERISTICS</b>									
<b>Central Air-Conditioning</b>									
Number of Houses (in thousands)									
Installed .....	756	122	257	168	85	49	73	179 800	149 000
Not installed .....	130	9	39	40	18	11	15	198 000	169 000
Percent Distribution									
Installed .....	85	93	87	81	82	82	83	(X)	(X)
Not installed .....	15	7	13	19	18	18	17	(X)	(X)
<b>Number of Bathrooms</b>									
Number of Houses (in thousands)									
1 1/2 bathrooms or less .....	42	17	17	5	(B)	(B)	(B)	115 400	110 700
2 bathrooms .....	363	102	178	63	13	5	3	128 000	120 000
2 1/2 bathrooms .....	332	11	83	106	62	36	35	200 000	182 500
3 bathrooms or more .....	149	(B)	17	34	28	18	50	296 200	236 000
Percent Distribution									
1 1/2 bathrooms or less .....	5	13	6	2	(B)	(B)	(B)	(X)	(X)
2 bathrooms .....	41	78	60	30	12	9	4	(X)	(X)
2 1/2 bathrooms .....	37	9	28	51	59	60	39	(X)	(X)
3 bathrooms or more .....	17	(B)	6	16	27	30	57	(X)	(X)
<b>Number of Bedrooms</b>									
Number of Houses (in thousands)									
2 bedrooms or less .....	85	22	36	15	6	3	(B)	141 900	126 900
3 bedrooms .....	474	102	200	101	34	16	19	149 100	132 000
4 bedrooms or more .....	327	7	60	91	64	40	67	241 400	202 200
Percent Distribution									
2 bedrooms or less .....	10	17	12	7	6	6	(B)	(X)	(X)
3 bedrooms .....	54	78	68	49	32	27	22	(X)	(X)
4 bedrooms or more .....	37	5	20	44	62	67	76	(X)	(X)
<b>Principal Type of Exterior Wall Material</b>									
Number of Houses (in thousands)									
Brick .....	187	40	57	39	20	12	18	173 400	145 500
Wood .....	133	18	37	35	16	9	17	197 700	162 000
Stucco .....	193	16	47	24	15	31	31	214 300	166 400
Vinyl siding .....	300	48	116	69	33	17	15	160 700	141 800
Aluminum siding .....	14	(B)	(B)	3	4	3	(B)	212 900	201 000
Other <sup>2</sup> .....	59	9	21	13	8	3	5	175 200	149 600
Percent Distribution									
Brick .....	21	30	19	19	19	20	20	(X)	(X)
Wood .....	15	14	12	17	15	16	20	(X)	(X)
Stucco .....	22	12	21	23	23	25	36	(X)	(X)
Vinyl siding .....	34	37	39	33	32	30	17	(X)	(X)
Aluminum siding .....	2	(B)	(B)	1	4	5	(B)	(X)	(X)
Other <sup>2</sup> .....	7	7	7	6	7	6	6	(X)	(X)
<b>Number of Fireplaces</b>									
Number of Houses (in thousands)									
No fireplace .....	300	83	126	53	20	8	8	137 600	124 800
1 fireplace .....	550	46	166	151	80	48	61	192 700	168 700
2 fireplaces or more .....	36	(B)	3	4	4	3	20	405 100	322 800
Percent Distribution									
No fireplace .....	34	64	42	25	19	13	9	(X)	(X)
1 fireplace .....	62	35	57	73	77	81	70	(X)	(X)
2 fireplaces or more .....	4	(B)	1	2	4	6	22	(X)	(X)
<b>Floor Area</b>									
Number of Houses (in thousands)									
Under 1,200 square feet .....	46	30	14	(B)	(B)	(B)	(B)	92 800	89 900
1,200 to 1,599 square feet .....	182	66	91	21	(B)	(B)	(B)	116 000	112 100
1,600 to 1,999 square feet .....	212	27	110	57	11	5	(B)	143 400	135 900
2,000 to 2,399 square feet .....	170	6	55	63	30	9	7	177 200	164 800
2,400 to 2,999 square feet .....	151	(B)	21	47	38	23	21	221 300	205 000
3,000 square feet or more .....	124	(B)	4	18	22	21	58	342 800	290 000
Percent Distribution									
Under 1,200 square feet .....	5	23	5	(B)	(B)	(B)	(B)	(X)	(X)
1,200 to 1,599 square feet .....	21	50	31	10	(B)	(B)	(B)	(X)	(X)
1,600 to 1,999 square feet .....	24	21	37	28	11	9	(B)	(X)	(X)
2,000 to 2,399 square feet .....	19	4	19	30	29	16	8	(X)	(X)
2,400 to 2,999 square feet .....	17	(B)	7	23	37	38	24	(X)	(X)
3,000 square feet or more .....	14	(B)	1	9	22	35	66	(X)	(X)
<b>Type of Foundation</b>									
Number of Houses (in thousands)									
Full or partial basement .....	306	17	77	83	50	31	46	213 400	184 500
Slab <sup>3</sup> .....	459	88	180	94	42	22	35	165 700	138 000
Crawl space .....	121	26	38	31	12	6	7	164 900	145 000
Percent Distribution									
Full or partial basement .....	35	13	26	40	48	53	52	(X)	(X)
Slab <sup>3</sup> .....	52	67	61	46	41	37	40	(X)	(X)
Crawl space .....	14	20	13	15	11	9	8	(X)	(X)

See footnotes at end of table.

**Table 23. Selected Characteristics by Sales Price: 1998—Con.**

[Value of improved lot included in sales price of house. Price per square foot of floor area excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Characteristic	Total	Sales price of house						Average sales price (dollars)	Median sales price (dollars)
		Under \$100,000	\$100,000 to \$149,999	\$150,000 to \$199,999	\$200,000 to \$249,999	\$250,000 to \$299,999	\$300,000 and over		
<b>PHYSICAL CHARACTERISTICS—Con.</b>									
<b>Type of Heating System</b>									
Number of Houses (in thousands)									
Warm-air furnace .....	689	80	222	172	87	52	77	191 000	160 000
Heat pump .....	167	47	64	31	13	5	7	146 800	125 000
Hot water or steam .....	21	3	5	5	3	(B)	3	205 800	179 000
Other <sup>1</sup> .....	9	(B)	4	(B)	(B)	(B)	(B)	166 200	130 300
Percent Distribution									
Warm-air furnace .....	78	61	75	83	84	88	88	(X)	(X)
Heat pump .....	19	36	22	15	12	9	8	(X)	(X)
Hot water or steam .....	2	2	2	2	3	(B)	4	(X)	(X)
Other <sup>1</sup> .....	1	(B)	1	(B)	(B)	(B)	(B)	(X)	(X)
<b>Type of Heating Fuel</b>									
Number of Houses (in thousands)									
Gas .....	670	68	219	170	87	51	76	192 000	161 300
Electricity .....	200	62	74	35	14	6	8	143 200	120 000
Oil .....	15	(B)	(B)	3	3	(B)	4	301 700	220 000
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	250 600	250 000
Percent Distribution									
Gas .....	76	52	74	82	83	86	87	(X)	(X)
Electricity .....	23	48	25	17	14	10	9	(X)	(X)
Oil .....	2	(B)	(B)	1	3	(B)	4	(X)	(X)
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(X)	(X)
<b>Size of Lot</b>									
Number of Houses (in thousands)									
<b>Total reporting size of lot .....</b>	<b>760</b>	<b>113</b>	<b>254</b>	<b>179</b>	<b>88</b>	<b>51</b>	<b>75</b>	<b>182 000</b>	<b>152 000</b>
Under 7,000 square feet .....	255	49	101	57	20	12	17	161 500	139 000
7,000 to 8,999 square feet .....	135	21	48	35	14	6	10	168 800	148 000
9,000 to 10,999 square feet .....	125	18	43	30	16	10	8	173 600	152 000
11,000 to 21,999 square feet .....	167	16	47	43	27	14	21	200 000	170 000
22,000 square feet or more .....	78	10	16	15	11	8	19	246 400	195 000
Average lot size .....	12 870	11 275	10 585	12 080	14 540	15 815	19 350	(X)	(X)
Median lot size .....	8 800	7 500	7 995	8 750	10 400	10 800	11 625	(X)	(X)
Percent Distribution									
Under 7,000 square feet .....	33	43	40	32	23	23	23	(X)	(X)
7,000 to 8,999 square feet .....	18	19	19	20	16	13	14	(X)	(X)
9,000 to 10,999 square feet .....	16	15	17	17	18	21	11	(X)	(X)
11,000 to 21,999 square feet .....	22	14	18	24	30	28	27	(X)	(X)
22,000 square feet or more .....	11	9	6	8	13	16	25	(X)	(X)
<b>Type of Parking Facility</b>									
Number of Houses (in thousands)									
Garage: 1 car .....	65	23	25	10	3	(B)	(B)	130 700	116 900
2 cars .....	620	74	233	160	74	37	42	172 100	150 000
3 cars or more .....	135	(B)	15	32	26	19	44	288 100	240 000
Carport .....	8	4	3	(B)	(B)	(B)	(B)	128 800	100 000
No garage or carport .....	58	29	19	6	(B)	(B)	(B)	109 700	98 900
Percent Distribution									
Garage: 1 car .....	7	18	9	5	3	(B)	(B)	(X)	(X)
2 cars .....	70	57	79	77	71	62	47	(X)	(X)
3 cars or more .....	15	(B)	5	15	25	33	51	(X)	(X)
Carport .....	1	3	1	(B)	(B)	(B)	(B)	(X)	(X)
No garage or carport .....	7	22	6	3	(B)	(B)	(B)	(X)	(X)
<b>Number of Stories</b>									
Number of Houses (in thousands)									
1 story .....	399	106	174	74	23	11	13	140 300	125 000
2 stories or more <sup>5</sup> .....	472	23	113	130	81	48	75	220 400	187 000
Split level .....	15	(B)	9	4	(B)	(B)	(B)	139 900	133 900
Percent Distribution									
1 story .....	45	81	59	36	22	19	15	(X)	(X)
2 stories or more <sup>5</sup> .....	53	18	38	63	78	80	85	(X)	(X)
Split level .....	2	(B)	3	2	(B)	(B)	(B)	(X)	(X)

B Withheld because estimate did not meet publication standards on the basis of sample size. S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Fewer than 500 units or less than 0.5 percent.

<sup>1</sup>Includes other types of financing (not shown separately).

<sup>2</sup>Includes cinder block, stone, and other types.

<sup>3</sup>Includes a small number of other foundation types.

<sup>4</sup>Includes electric baseboard, panel, radiant heat, space heater, floor or wall furnace, solar, other types, or none.

<sup>5</sup>Includes houses with 1 1/2, 2 1/2, and 3 stories.



**Table 24. Selected Characteristics by Design of House: 1998**

[Price per square foot of floor area excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Characteristic	Number of houses (thousands)			Percent distribution		
	Total	Attached	Detached	Total	Attached	Detached
<b>Total</b> .....	<b>886</b>	<b>92</b>	<b>794</b>	<b>100</b>	<b>100</b>	<b>100</b>
<b>Location:</b>						
Inside MSAs .....	806	83	723	91	90	91
Outside MSAs .....	79	9	70	9	10	9
Northeast .....	81	21	60	9	23	7
Midwest .....	164	24	140	18	26	18
South .....	398	32	366	45	35	46
West .....	243	15	228	27	16	29
<b>Sale price:</b>						
Under \$100,000 .....	132	20	112	15	21	14
\$100,000 to \$149,999 .....	295	37	258	33	40	33
\$150,000 to \$199,999 .....	208	18	190	24	19	24
\$200,000 to \$249,999 .....	104	7	97	12	8	12
\$250,000 to \$299,999 .....	59	4	55	7	5	7
\$300,000 and over .....	88	6	82	10	6	10
Average sales price .....	181 900	157 300	185 800	(X)	(X)	(X)
Median sales price .....	152 500	134 900	155 000	(X)	(X)	(X)
<b>Square feet of floor area:</b>						
Under 1,200 square feet .....	46	10	36	5	11	5
1,200 to 1,599 square feet .....	182	34	148	21	37	19
1,600 to 1,999 square feet .....	212	23	189	24	25	24
2,000 to 2,399 square feet .....	170	12	158	19	13	20
2,400 to 2,999 square feet .....	151	8	143	17	9	18
3,000 square feet or more .....	124	4	120	14	4	15
Average square feet .....	2 170	1 755	2 210	(X)	(X)	(X)
Median square feet .....	2 000	1 610	2 045	(X)	(X)	(X)
<b>Total reporting price per square foot of floor area</b> .....	<b>738</b>	<b>59</b>	<b>679</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$35.00 .....	16	1	16	2	1	2
\$35.00 to \$39.99 .....	25	2	23	3	3	3
\$40.00 to \$44.99 .....	50	3	47	7	6	7
\$45.00 to \$49.99 .....	75	6	69	10	10	10
\$50.00 to \$54.99 .....	86	6	80	12	11	12
\$55.00 to \$59.99 .....	90	6	84	12	10	12
\$60.00 to \$64.99 .....	88	7	81	12	12	12
\$65.00 to \$69.99 .....	75	5	70	10	8	10
\$70.00 to \$74.99 .....	65	7	58	9	12	9
\$75.00 and over .....	168	16	152	23	28	22
Average price per square foot .....	65.50	68.25	65.30	(X)	(X)	(X)
Median price per square foot .....	61.50	64.05	61.30	(X)	(X)	(X)
<b>Central air-conditioning:</b>						
Installed .....	756	84	672	85	91	85
Not installed .....	130	8	122	15	9	15
<b>Number of bathrooms:</b>						
1 1/2 bathrooms or less .....	42	16	26	5	17	3
2 bathrooms .....	363	32	332	41	34	42
2 1/2 bathrooms .....	332	38	294	37	41	37
3 bathrooms or more .....	149	7	142	17	8	18
<b>Number of bedrooms:</b>						
2 bedrooms or less .....	85	42	43	10	46	5
3 bedrooms .....	474	46	428	54	50	54
4 bedrooms or more .....	327	4	323	37	4	41
<b>Principal type of exterior wall material:</b>						
Brick .....	187	14	173	21	15	22
Wood .....	133	13	120	15	14	15
Stucco .....	193	10	183	22	11	23
Vinyl siding .....	300	46	254	34	50	32
Aluminum siding .....	14	4	10	2	4	1
Other <sup>1</sup> .....	59	6	53	7	7	7
<b>Number of fireplaces:</b>						
No fireplace .....	300	44	256	34	47	32
1 fireplace or more .....	586	48	538	66	53	68
<b>Type of foundation:</b>						
Full or partial basement .....	306	39	267	35	43	34
Slab <sup>2</sup> .....	459	43	416	52	46	52
Crawl space .....	121	10	111	14	11	14
<b>Type of heating fuel:</b>						
Gas .....	670	73	597	76	80	75
Electricity .....	200	18	182	23	19	23
Oil .....	15	(B)	14	2	(B)	2
Other types or none .....	(B)	(B)	(B)	(B)	(B)	(B)
<b>Types of heating system:</b>						
Warm-air furnace .....	689	73	617	78	79	78
Heat pump .....	167	16	151	19	17	19
Hot water or steam .....	21	3	18	2	3	2
Other <sup>3</sup> .....	9	(B)	8	1	(B)	1
<b>Parking facility:</b>						
Garage: 1 car .....	65	29	36	7	31	5
2 cars .....	620	44	576	70	47	73
3 cars or more .....	135	(B)	135	15	(B)	17
Carport .....	8	(B)	6	1	(B)	1
No garage or carport .....	58	18	40	7	19	5

B Withheld because estimate did not meet publication standards on the basis of sample size. X Not applicable.

<sup>1</sup>Includes cinder block, stone, and other types.

<sup>2</sup>Includes a small number of other foundation types.

<sup>3</sup>Includes electric baseboard, panel radiant heat, space heater, floor or wall furnace, solar, other types, or none.

Table 25a. **Chain-Type Annual-Weighted Index (Fisher Ideal) of New One-Family Houses Sold: 1979 to 1998**

[1992=100.0]

Year	Price index of new one-family houses sold, including value of lot					
	United States	Region				West
		Northeast	Midwest	South	West	
1979	59.5	47.1	64.4	63.6	59.6	
1980	65.4	51.2	67.6	70.7	66.1	
1981	70.3	56.0	72.3	76.3	70.1	
1982	73.2	58.4	75.5	80.3	71.5	
1983	75.3	61.7	75.0	82.6	73.8	
1984	78.1	67.1	79.2	84.7	76.2	
1985	80.1	73.6	78.5	86.6	77.2	
1986	83.8	84.8	83.0	88.9	78.7	
1987	88.7	96.8	88.6	91.8	82.6	
1988	92.1	99.8	92.7	94.0	87.2	
1989	95.8	102.1	94.8	97.0	92.9	
1990	97.4	98.1	95.4	97.3	98.3	
1991	98.6	96.2	97.8	98.9	99.2	
1992	100.0	100.0	100.0	100.0	100.0	
1993	104.5	98.0	107.0	104.7	103.8	
1994	109.6	100.0	112.8	108.4	111.1	
1995	112.5	103.0	116.5	111.7	113.2	
1996	114.9	104.7	119.3	113.0	117.2	
1997	118.2	107.5	123.3	115.8	120.8	
1998	121.0	110.9	125.4	118.7	123.6	

Table 25b. **Fixed-Weighted Price Index (Laspeyres) of Houses Sold in the United States: 1979 to 1998**

[Averages computed from unrounded figures. 1992=100.0]

Year	Price index of new one-family houses sold, including value of lot					Average sales price for—	
	United States	Region				Kinds of houses sold in 1992 (estimated from price index)	Houses actually sold each year
		Northeast	Midwest	South	West		
1979	61.8	46.3	64.0	62.9	61.1	89 100	71 800
1980	68.1	50.5	67.1	70.2	68.2	98 100	76 400
1981	73.5	55.3	73.9	76.7	72.9	105 900	83 000
1982	75.2	56.7	75.1	79.5	73.5	108 400	83 900
1983	76.8	60.3	75.2	81.4	75.2	110 700	89 800
1984	79.9	66.0	80.2	84.6	77.3	115 100	97 600
1985	80.9	74.5	78.4	86.6	78.0	116 600	100 800
1986	84.1	84.5	82.5	89.4	80.9	121 200	111 900
1987	88.6	97.6	88.8	92.3	84.8	127 700	127 200
1988	91.9	100.5	92.8	94.3	87.6	132 400	138 300
1989	95.6	102.1	94.9	97.2	92.2	137 800	148 800
1990	97.4	99.3	95.5	97.4	98.1	140 400	149 800
1991	98.7	96.4	97.7	98.9	99.1	142 200	147 200
1992	100.0	100.0	100.0	100.0	100.0	144 100	144 100
1993	104.3	97.1	106.7	104.7	103.6	150 300	147 700
1994	109.3	98.4	112.0	108.5	110.9	157 500	154 500
1995	112.4	100.7	116.3	111.9	112.7	161 900	158 700
1996	114.6	104.1	118.6	112.6	116.8	165 100	166 400
1997	118.4	106.6	122.9	116.5	120.5	170 600	176 200
1998	121.4	110.7	124.7	120.4	122.9	175 000	181 900

## BRIEF EXPLANATION OF THE PRICE INDEX

Cost-of-living index theory states that a price index should measure the change in the price you need to pay to maintain a constant standard of living. Any changes in prices that exceed a price index can be interpreted as an increase in the standard of living. Conversely, if prices rise slower than the price index, the standard of living is falling.

For one-family houses sold, the standard of living is measured by the quality of the houses built, and a price index measures the change in the price needed to purchase a house of the same quality. These changes can be measured in different ways. Historically, we have measured these changes by fixing the characteristics of the houses sold over an extended period of time. The price of the house with fixed characteristics was estimated in each

time period and the price index constructed from these estimated prices. This is the fixed-weighted (Laspeyres) price index.

However, the same standard of living may be attained in many ways. Different combinations of housing characteristics may represent similar standards of living. A house with 2,000 square feet and two bathrooms may represent the same standard of living as an 1,800 square foot house with three bathrooms. Thus, we have introduced a chain-type annual-weighted index (Fisher Ideal) that does not hold characteristics fixed.

For a description of how these price indexes are constructed, see the Appendix in the March 1997 issue of Current Construction Reports, Series C25, *New One-Family Houses Sold*.

**Table 26. Contract Price of Houses by Location: 1994 to 1998**

[Contract price excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Contract price and location	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>209</b>	<b>189</b>	<b>218</b>	<b>199</b>	<b>245</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	19	21	25	31	41	9	11	12	16	16
\$70,000 to \$99,999 .....	31	34	44	38	54	15	18	20	19	22
\$100,000 to \$119,999 .....	21	22	26	21	28	10	12	12	11	11
\$120,000 to \$149,999 .....	36	29	39	32	42	17	16	18	16	17
\$150,000 to \$199,999 .....	42	37	40	33	37	20	20	18	16	15
\$200,000 and \$249,999 .....	25	17	21	20	19	12	9	9	10	8
\$250,000 and over .....	35	28	24	24	24	17	15	11	12	10
Average contract price .....	176 600	165 600	151 900	149 400	139 400	(X)	(X)	(X)	(X)	(X)
Median contract price .....	146 700	135 000	127 500	125 000	117 600	(X)	(X)	(X)	(X)	(X)
<b>Inside MSAs</b> .....	<b>132</b>	<b>118</b>	<b>141</b>	<b>124</b>	<b>158</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	7	9	13	14	17	5	7	10	11	11
\$70,000 to \$99,999 .....	15	16	22	20	30	11	13	15	17	19
\$100,000 to \$119,999 .....	12	13	16	12	19	9	11	12	10	12
\$120,000 to \$149,999 .....	23	19	29	22	30	17	16	20	17	19
\$150,000 to \$199,999 .....	30	26	29	22	28	23	22	20	18	18
\$200,000 and \$249,999 .....	18	12	14	15	13	14	10	10	12	8
\$250,000 and over .....	27	23	19	19	21	20	19	13	15	13
Average contract price .....	196 400	186 600	164 500	164 000	154 500	(X)	(X)	(X)	(X)	(X)
Median contract price .....	160 000	150 000	136 500	138 000	130 000	(X)	(X)	(X)	(X)	(X)
<b>Outside MSAs</b> .....	<b>77</b>	<b>71</b>	<b>77</b>	<b>75</b>	<b>87</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	12	12	12	17	23	15	18	15	24	26
\$70,000 to \$99,999 .....	16	18	22	18	24	21	26	29	24	28
\$100,000 to \$119,999 .....	9	9	10	9	9	12	13	12	12	11
\$120,000 to \$149,999 .....	13	10	10	10	12	17	14	14	14	14
\$150,000 to \$199,999 .....	12	11	11	10	9	16	15	15	14	10
\$200,000 and \$249,999 .....	7	5	7	5	5	9	6	9	7	6
\$250,000 and over .....	8	5	5	5	4	11	7	7	6	5
Average contract price .....	141 200	130 800	128 800	124 800	112 600	(X)	(X)	(X)	(X)	(X)
Median contract price .....	122 400	108 000	105 000	100 000	90 000	(X)	(X)	(X)	(X)	(X)
<b>Northeast</b> .....	<b>24</b>	<b>21</b>	<b>24</b>	<b>24</b>	<b>30</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	(B)	(S)	(S)	(S)	(B)	(B)	(S)	(S)	(S)
\$70,000 to \$99,999 .....	3	3	(S)	(S)	(S)	11	12	(S)	(S)	(S)
\$100,000 to \$119,999 .....	(B)	3	(S)	(S)	(S)	(B)	12	(S)	(S)	(S)
\$120,000 to \$149,999 .....	4	3	(S)	(S)	(S)	15	15	(S)	(S)	(S)
\$150,000 to \$199,999 .....	6	6	(S)	(S)	(S)	25	27	(S)	(S)	(S)
\$200,000 and \$249,999 .....	4	(B)	(S)	(S)	(S)	15	(B)	(S)	(S)	(S)
\$250,000 and over .....	4	4	(S)	(S)	(S)	17	17	(S)	(S)	(S)
Average contract price .....	186 600	185 000	(S)	(S)	(S)	(X)	(X)	(X)	(X)	(X)
Median contract price .....	159 000	151 300	(S)	(S)	(S)	(X)	(X)	(X)	(X)	(X)
<b>Midwest</b> .....	<b>57</b>	<b>50</b>	<b>56</b>	<b>56</b>	<b>70</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	4	5	6	9	12	8	10	11	15	17
\$70,000 to \$99,999 .....	8	10	11	10	14	14	19	19	19	20
\$100,000 to \$119,999 .....	7	7	7	6	9	12	13	13	11	11
\$120,000 to \$149,999 .....	12	10	11	9	12	21	20	19	17	17
\$150,000 to \$199,999 .....	11	9	10	10	11	19	19	18	18	15
\$200,000 and \$249,999 .....	6	3	6	5	5	11	7	11	9	7
\$250,000 and over .....	9	6	5	6	7	15	12	9	10	10
Average contract price .....	166 900	151 900	147 700	145 100	137 800	(X)	(X)	(X)	(X)	(X)
Median contract price .....	140 000	125 000	128 000	125 000	116 500	(X)	(X)	(X)	(X)	(X)
<b>South</b> .....	<b>94</b>	<b>88</b>	<b>107</b>	<b>91</b>	<b>109</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	11	12	15	18	24	12	14	14	20	21
\$70,000 to \$99,999 .....	17	19	24	19	28	18	21	23	21	26
\$100,000 to \$119,999 .....	9	10	13	10	12	9	12	12	11	11
\$120,000 to \$149,999 .....	15	12	18	14	16	16	13	17	15	14
\$150,000 to \$199,999 .....	20	16	19	13	14	21	19	18	15	13
\$200,000 and \$249,999 .....	10	8	9	8	7	11	9	8	9	6
\$250,000 and over .....	12	11	9	9	9	13	13	8	10	8
Average contract price .....	159 700	157 200	139 400	138 900	125 500	(X)	(X)	(X)	(X)	(X)
Median contract price .....	139 000	125 000	120 000	115 000	100 800	(X)	(X)	(X)	(X)	(X)
<b>West</b> .....	<b>34</b>	<b>29</b>	<b>30</b>	<b>28</b>	<b>36</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$70,000 .....	(B)	3	(B)	(S)	(B)	(B)	9	(B)	(S)	(B)
\$70,000 to \$99,999 .....	4	4	5	(S)	6	10	12	16	(S)	18
\$100,000 to \$119,999 .....	3	3	4	(S)	3	9	10	13	(S)	9
\$120,000 to \$149,999 .....	5	4	6	(S)	8	15	15	19	(S)	22
\$150,000 to \$199,999 .....	5	6	6	(S)	7	16	19	19	(S)	20
\$200,000 and \$249,999 .....	6	4	3	(S)	3	16	12	9	(S)	8
\$250,000 and over .....	10	7	6	(S)	6	29	24	20	(S)	17
Average contract price .....	230 800	200 700	189 500	(S)	166 600	(X)	(X)	(X)	(X)	(X)
Median contract price .....	183 200	155 000	143 000	(S)	140 000	(X)	(X)	(X)	(X)	(X)

B Withheld because estimate did not meet publication standards on the basis of sample size. S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable.

**Table 27. Price Per Square Foot of Floor Area by Location: 1994 to 1998**

[Contract price excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Price per square foot, and location	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>United States</b> .....	<b>209</b>	<b>189</b>	<b>218</b>	<b>199</b>	<b>245</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	179	155	175	145	185	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	8	9	11	11	17	5	6	6	8	9
\$35.00 to \$39.99 .....	7	9	10	10	12	4	6	6	7	7
\$40.00 to \$44.99 .....	10	10	13	11	17	5	6	8	7	9
\$45.00 to \$49.99 .....	13	10	14	13	17	7	6	8	9	9
\$50.00 to \$54.99 .....	15	13	17	14	21	8	9	10	10	12
\$55.00 to \$59.99 .....	16	15	17	15	17	9	10	9	10	9
\$60.00 to \$64.99 .....	17	16	17	14	19	10	10	10	10	10
\$65.00 to \$69.99 .....	14	16	17	12	15	8	10	10	9	8
\$70.00 to \$74.99 .....	12	10	15	10	11	7	6	8	7	6
\$75.00 and over .....	67	47	45	35	39	37	30	25	24	21
Average price per square foot .....	72.45	69.10	65.05	64.10	62.00	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	66.20	63.40	61.60	59.45	57.40	(X)	(X)	(X)	(X)	(X)
<b>Inside MSAs</b> .....	<b>132</b>	<b>118</b>	<b>141</b>	<b>124</b>	<b>158</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	114	97	113	90	119	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	3	3	5	5	7	3	4	5	5	6
\$35.00 to \$39.99 .....	3	5	6	4	7	3	5	5	5	6
\$40.00 to \$44.99 .....	5	5	8	6	10	4	6	7	6	8
\$45.00 to \$49.99 .....	7	6	8	8	11	6	6	8	9	10
\$50.00 to \$54.99 .....	10	8	11	9	13	8	8	9	9	11
\$55.00 to \$59.99 .....	9	10	11	9	12	8	10	10	10	10
\$60.00 to \$64.99 .....	11	10	11	9	13	9	11	10	10	11
\$65.00 to \$69.99 .....	10	10	12	8	10	8	10	10	8	8
\$70.00 to \$74.99 .....	8	7	11	7	8	7	7	9	8	7
\$75.00 and over .....	49	33	30	25	28	43	34	27	28	23
Average price per square foot .....	76.50	72.50	66.80	66.30	64.30	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	70.00	65.90	63.00	62.20	59.50	(X)	(X)	(X)	(X)	(X)
<b>Outside MSAs</b> .....	<b>77</b>	<b>71</b>	<b>77</b>	<b>75</b>	<b>87</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	65	58	63	55	66	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	5	6	6	6	10	8	10	9	12	15
\$35.00 to \$39.99 .....	4	5	4	6	5	6	8	7	10	8
\$40.00 to \$44.99 .....	5	4	6	5	7	7	8	9	9	11
\$45.00 to \$49.99 .....	6	4	5	4	6	10	7	8	8	9
\$50.00 to \$54.99 .....	5	6	6	6	8	8	10	10	10	12
\$55.00 to \$59.99 .....	7	6	6	6	5	10	10	9	11	8
\$60.00 to \$64.99 .....	7	6	6	5	6	10	10	9	8	9
\$65.00 to \$69.99 .....	5	6	5	5	5	7	9	8	9	7
\$70.00 to \$74.99 .....	4	3	4	3	3	6	5	7	6	5
\$75.00 and over .....	18	14	14	9	11	27	23	23	17	16
Average price per square foot .....	64.10	62.25	61.50	59.75	57.00	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	60.20	58.90	58.35	55.30	52.85	(X)	(X)	(X)	(X)	(X)
<b>Northeast</b> .....	<b>24</b>	<b>21</b>	<b>24</b>	<b>24</b>	<b>30</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	21	17	17	15	19	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	(Z)	(Z)	1	1	1	(S)	(S)	3	6	4
\$35.00 to \$39.99 .....	(Z)	(Z)	1	1	1	(S)	(S)	4	5	4
\$40.00 to \$44.99 .....	1	1	1	1	1	3	7	7	5	5
\$45.00 to \$49.99 .....	1	1	1	1	2	5	4	8	5	8
\$50.00 to \$54.99 .....	1	1	1	1	2	6	7	8	5	11
\$55.00 to \$59.99 .....	2	2	2	2	2	8	12	15	10	9
\$60.00 to \$64.99 .....	2	2	2	2	2	10	10	12	10	12
\$65.00 to \$69.99 .....	2	2	1	2	1	11	11	6	11	8
\$70.00 to \$74.99 .....	2	1	1	1	1	8	6	7	8	7
\$75.00 and over .....	10	7	5	5	6	46	39	30	34	32
Average price per square foot .....	78.15	75.85	68.25	69.75	68.75	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	72.10	67.75	62.35	66.50	64.00	(X)	(X)	(X)	(X)	(X)
<b>Midwest</b> .....	<b>57</b>	<b>50</b>	<b>56</b>	<b>56</b>	<b>70</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	51	44	48	45	57	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	3	3	3	3	5	6	6	6	7	9
\$35.00 to \$39.99 .....	2	3	2	3	3	3	6	5	6	5
\$40.00 to \$44.99 .....	3	2	3	3	4	6	5	6	6	7
\$45.00 to \$49.99 .....	3	3	3	5	4	6	6	7	11	7
\$50.00 to \$54.99 .....	5	4	5	4	7	9	9	10	10	13
\$55.00 to \$59.99 .....	4	5	5	4	6	8	11	9	9	11
\$60.00 to \$64.99 .....	5	5	5	5	6	9	11	10	11	10
\$65.00 to \$69.99 .....	4	4	5	4	5	8	10	10	9	9
\$70.00 to \$74.99 .....	4	3	4	4	4	7	6	9	8	7
\$75.00 and over .....	19	13	13	10	13	38	29	27	23	22
Average price per square foot .....	68.70	66.40	65.40	63.55	63.50	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	66.65	63.40	62.85	60.45	59.20	(X)	(X)	(X)	(X)	(X)

See footnotes at end of table.

**Table 27. Price Per Square Foot of Floor Area by Location: 1994 to 1998—Con.**

[Contract price excludes value of improved lot. Components may not add to totals because of rounding. Averages, medians, and percents computed from unrounded figures]

Price per square foot, and location	Number of houses (thousands)					Percent distribution				
	1998	1997	1996	1995	1994	1998	1997	1996	1995	1994
<b>South</b> .....	<b>94</b>	<b>88</b>	<b>107</b>	<b>91</b>	<b>109</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	77	70	88	66	82	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	4	5	7	7	10	6	8	8	11	13
\$35.00 to \$39.99 .....	5	6	7	6	8	6	8	8	10	9
\$40.00 to \$44.99 .....	5	6	8	6	10	7	8	9	9	13
\$45.00 to \$49.99 .....	6	5	8	7	10	8	7	9	10	12
\$50.00 to \$54.99 .....	7	6	10	8	10	9	9	11	11	12
\$55.00 to \$59.99 .....	8	7	8	7	8	11	9	9	10	9
\$60.00 to \$64.99 .....	8	7	8	6	8	10	9	10	9	9
\$65.00 to \$69.99 .....	6	7	8	5	5	8	10	10	7	6
\$70.00 to \$74.99 .....	5	5	7	4	4	7	7	8	6	5
\$75.00 and over .....	22	18	17	12	10	29	26	20	18	12
Average price per square foot .....	66.90	66.00	60.65	60.15	56.30	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	62.20	60.55	58.35	54.80	51.20	(X)	(X)	(X)	(X)	(X)
<b>West</b> .....	<b>34</b>	<b>29</b>	<b>30</b>	<b>28</b>	<b>36</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
Houses reporting contract price per square foot .....	30	24	23	19	26	100	100	100	100	100
With price per square foot:										
Under \$35.00 .....	(Z)	1	(Z)	(Z)	1	(S)	4	(S)	(S)	4
\$35.00 to \$39.99 .....	(Z)	1	(Z)	(Z)	(Z)	(S)	3	(S)	(S)	(S)
\$40.00 to \$44.99 .....	1	1	1	1	2	3	3	5	5	7
\$45.00 to \$49.99 .....	2	2	2	1	2	8	7	7	3	7
\$50.00 to \$54.99 .....	2	2	1	2	2	7	8	5	8	8
\$55.00 to \$59.99 .....	2	2	2	3	2	7	8	9	13	6
\$60.00 to \$64.99 .....	3	3	2	2	3	9	11	8	10	12
\$65.00 to \$69.99 .....	2	3	3	2	3	7	11	11	12	11
\$70.00 to \$74.99 .....	2	1	2	2	2	6	6	11	8	8
\$75.00 and over .....	15	9	9	7	9	51	39	40	37	34
Average price per square foot .....	87.25	77.20	77.95	73.70	70.90	(X)	(X)	(X)	(X)	(X)
Median price per square foot .....	76.05	67.60	70.50	67.55	66.85	(X)	(X)	(X)	(X)	(X)

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Fewer than 500 units or less than 0.5 percent.

Note: The nonresponse rate for these data is very high, and it is not reported uniformly by contract price or region.

**Table 28. Selected Characteristics by Type of Manufactured Home and Region: 1994 to 1998**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Type of manufactured home, region, and characteristic	Number of new manufactured homes (thousands)					Percent distribution				
	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>
<b>ALL MANUFACTURED HOMES<sup>1</sup></b>										
<b>United States . . . . .</b>	<b>369</b>	<b>338</b>	<b>338</b>	<b>319</b>	<b>291</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks . . . . .	130	113	113	109	99	35	33	33	34	34
Outside manufactured home parks . . . . .	239	225	225	211	192	65	67	67	66	66
Number of bedrooms:										
2 or less . . . . .	44	46	52	53	60	12	14	15	17	21
3 or more . . . . .	325	292	287	266	231	88	86	85	83	79
Central air-conditioning:										
Installed . . . . .	287	263	259	237	201	78	78	77	74	69
Not installed . . . . .	83	75	79	83	90	22	22	23	26	31
Foundation:										
Concrete pads . . . . .	50	37	30	25	21	13	11	9	8	7
Blocks . . . . .	243	236	256	248	229	66	70	76	78	79
Masonry . . . . .	60	47	34	33	30	16	14	10	10	10
Other <sup>2</sup> . . . . .	16	18	18	13	11	4	5	5	4	4
<b>Northeast . . . . .</b>	<b>15</b>	<b>15</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks . . . . .	6	6	8	8	8	42	43	49	50	46
Outside manufactured home parks . . . . .	8	8	8	7	9	58	57	51	50	54
Number of bedrooms:										
2 or less . . . . .	(B)	3	4	3	4	(B)	19	23	23	25
3 or more . . . . .	12	12	12	12	12	84	81	77	77	75
Central air-conditioning:										
Installed . . . . .	6	5	6	5	5	40	36	38	34	33
Not installed . . . . .	9	9	10	10	11	60	64	62	66	67
Foundation:										
Concrete pads . . . . .	4	4	4	3	3	30	29	24	17	19
Blocks . . . . .	7	7	9	9	11	46	50	57	62	64
Masonry . . . . .	3	(B)	(B)	(B)	(B)	18	(B)	(B)	(B)	(B)
Other <sup>2</sup> . . . . .	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest . . . . .</b>	<b>58</b>	<b>56</b>	<b>59</b>	<b>58</b>	<b>53</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks . . . . .	26	24	27	27	23	45	43	46	46	42
Outside manufactured home parks . . . . .	32	32	32	31	31	55	57	55	54	58
Number of bedrooms:										
2 or less . . . . .	5	6	7	10	10	9	11	13	17	18
3 or more . . . . .	53	49	52	48	44	91	89	87	83	82
Central air-conditioning:										
Installed . . . . .	42	41	42	38	33	73	73	70	67	62
Not installed . . . . .	16	15	18	19	20	27	27	30	33	38
Foundation:										
Concrete pads . . . . .	12	9	9	8	6	21	16	15	14	11
Blocks . . . . .	27	29	35	36	33	47	53	59	63	63
Masonry . . . . .	14	13	10	10	11	24	24	18	17	20
Other <sup>2</sup> . . . . .	4	4	5	3	3	8	7	9	6	6
<b>South . . . . .</b>	<b>246</b>	<b>220</b>	<b>218</b>	<b>203</b>	<b>178</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks . . . . .	76	63	61	57	51	31	29	28	28	29
Outside manufactured home parks . . . . .	170	156	157	146	127	69	71	72	72	71
Number of bedrooms:										
2 or less . . . . .	30	31	34	33	38	12	14	16	16	22
3 or more . . . . .	216	188	184	170	139	88	86	84	84	78
Central air-conditioning:										
Installed . . . . .	214	196	193	176	148	87	89	88	87	83
Not installed . . . . .	32	24	26	27	30	13	11	12	13	17
Foundation:										
Concrete pads . . . . .	26	17	13	10	7	11	8	6	5	4
Blocks . . . . .	183	175	185	175	157	74	80	85	86	88
Masonry . . . . .	29	19	12	12	9	12	9	5	6	5
Other <sup>2</sup> . . . . .	7	9	8	6	4	3	4	4	3	2
<b>West . . . . .</b>	<b>50</b>	<b>48</b>	<b>45</b>	<b>44</b>	<b>44</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks . . . . .	22	20	18	18	18	43	41	39	40	42
Outside manufactured home parks . . . . .	28	29	27	26	25	57	59	61	60	58
Number of bedrooms:										
2 or less . . . . .	6	6	6	7	8	12	12	14	16	19
3 or more . . . . .	44	42	39	37	35	88	88	86	84	81
Central air-conditioning:										
Installed . . . . .	24	21	19	17	14	48	44	41	40	33
Not installed . . . . .	26	27	26	27	29	52	56	59	60	67
Foundation:										
Concrete pads . . . . .	7	6	4	5	5	13	12	9	11	11
Blocks . . . . .	26	25	27	27	28	52	52	59	62	65
Masonry . . . . .	14	13	10	9	8	28	27	23	21	19
Other <sup>2</sup> . . . . .	3	4	4	3	3	7	9	8	6	6

See footnotes at end of table.

**Table 28. Selected Characteristics by Type of Manufactured Home and Region: 1994 to 1998—**  
**Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Type of manufactured home, region, and characteristic	Number of new manufactured homes (thousands)					Percent distribution				
	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>
<b>SINGLE-WIDE MANUFACTURED HOMES</b>										
<b>United States</b> .....	<b>148</b>	<b>145</b>	<b>164</b>	<b>163</b>	<b>150</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	66	61	70	70	62	45	42	43	43	42
Outside manufactured home parks .....	82	84	94	93	87	55	58	57	57	58
Number of bedrooms:										
2 or less .....	36	39	45	46	51	24	27	27	28	34
3 or more .....	112	106	119	117	99	76	73	73	72	66
Central air-conditioning:										
Installed .....	119	119	129	124	106	80	82	79	77	71
Not installed.....	29	26	34	38	44	20	18	21	23	29
Foundation:										
Concrete pads.....	19	15	14	11	10	13	10	8	7	6
Blocks.....	119	121	142	144	134	80	84	87	89	90
Masonry .....	5	3	(B)	3	(B)	3	2	(B)	2	(B)
Other <sup>2</sup> .....	4	6	6	5	4	3	4	4	3	3
<b>Northeast</b> .....	<b>5</b>	<b>6</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	3	3	5	5	5	60	59	60	63	53
Outside manufactured home parks .....	(B)	(B)	3	3	4	(B)	(B)	40	37	47
Number of bedrooms:										
2 or less .....	(B)	(B)	3	3	4	(B)	(B)	(B)	37	38
3 or more .....	4	4	5	5	6	70	65	64	63	62
Central air-conditioning:										
Installed .....	(B)	(B)	3	(B)	3	(B)	(B)	38	(B)	31
Not installed.....	4	4	5	6	6	68	65	62	70	69
Foundation:										
Concrete pads.....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Blocks.....	3	4	6	6	7	64	69	68	78	79
Masonry .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>22</b>	<b>24</b>	<b>28</b>	<b>30</b>	<b>28</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	13	14	17	18	15	61	57	60	59	56
Outside manufactured home parks .....	9	10	11	12	12	39	43	40	41	44
Number of bedrooms:										
2 or less .....	5	6	7	9	8	21	24	24	29	30
3 or more .....	17	18	22	21	19	79	76	76	71	70
Central air-conditioning:										
Installed .....	17	18	20	20	18	76	76	72	68	64
Not installed.....	5	6	8	10	10	24	24	28	32	36
Foundation:										
Concrete pads.....	6	5	5	5	3	27	20	17	16	11
Blocks.....	14	17	21	23	22	63	71	72	76	80
Masonry .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>South</b> .....	<b>110</b>	<b>105</b>	<b>115</b>	<b>113</b>	<b>101</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	44	38	41	40	36	40	36	36	36	35
Outside manufactured home parks .....	67	67	74	73	66	60	64	64	64	65
Number of bedrooms:										
2 or less .....	26	28	31	30	34	24	27	27	27	34
3 or more .....	84	77	84	83	67	76	73	73	73	66
Central air-conditioning:										
Installed .....	95	94	101	97	81	87	90	88	86	80
Not installed.....	15	11	14	16	20	13	10	12	14	20
Foundation:										
Concrete pads.....	11	8	6	5	4	10	7	5	4	4
Blocks.....	94	92	106	104	95	85	88	92	92	94
Masonry .....	3	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	4	(B)	(B)	(B)	(B)	3	(B)	(B)	(B)
<b>West</b> .....	<b>10</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>11</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	6	6	6	7	6	56	57	54	59	57
Outside manufactured home parks .....	4	5	5	5	5	44	43	46	41	43
Number of bedrooms:										
2 or less .....	3	3	3	4	4	31	30	28	34	38
3 or more .....	7	7	8	8	7	69	70	72	66	62
Central air-conditioning:										
Installed .....	5	5	5	5	4	49	47	44	40	34
Not installed.....	5	6	7	7	7	51	53	56	60	66
Foundation:										
Concrete pads.....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Blocks.....	8	9	10	11	10	80	81	87	90	87
Masonry .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)

See footnotes at end of table.



Table 28. **Selected Characteristics by Type of Manufactured Home and Region: 1994 to 1998—**  
**Con.**

[Components may not add to totals because of rounding. Percents computed from unrounded figures]

Type of manufactured home, region, and characteristic	Number of new manufactured homes (thousands)					Percent distribution				
	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>
<b>DOUBLE-WIDE MANUFACTURED HOMES</b>										
<b>United States</b> .....	<b>215</b>	<b>187</b>	<b>169</b>	<b>152</b>	<b>138</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	63	51	43	38	36	29	27	25	25	26
Outside manufactured home parks .....	153	136	127	115	101	71	73	75	75	74
Number of bedrooms:										
2 or less .....	8	7	7	7	9	4	4	(B)	5	7
3 or more .....	208	180	162	145	128	96	96	96	95	93
Central air-conditioning:										
Installed .....	164	139	126	110	93	76	74	74	72	67
Not installed .....	52	48	43	43	45	24	26	26	28	33
Foundation:										
Concrete pads .....	30	21	16	14	11	14	11	10	9	8
Blocks .....	121	112	111	101	93	56	60	65	66	68
Masonry .....	53	42	31	30	27	25	23	18	20	20
Other <sup>2</sup> .....	12	12	11	8	6	5	6	7	5	5
<b>Northeast</b> .....	<b>9</b>	<b>9</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	3	3	3	(B)	3	32	32	37	(B)	37
Outside manufactured home parks .....	6	6	5	4	5	68	68	63	64	63
Number of bedrooms:										
2 or less .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
3 or more .....	8	8	7	6	7	92	91	91	93	91
Central air-conditioning:										
Installed .....	4	3	3	3	3	45	37	39	38	35
Not installed .....	5	6	5	4	5	55	63	61	62	65
Foundation:										
Concrete pads .....	3	3	(B)	(B)	(B)	33	31	(B)	(B)	(B)
Blocks .....	3	3	3	3	3	35	38	45	43	45
Masonry .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Other <sup>2</sup> .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
<b>Midwest</b> .....	<b>36</b>	<b>32</b>	<b>31</b>	<b>27</b>	<b>26</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	12	10	10	9	7	35	32	32	33	28
Outside manufactured home parks .....	23	22	21	19	18	65	68	68	67	72
Number of bedrooms:										
2 or less .....	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
3 or more .....	35	31	30	27	24	98	98	98	97	96
Central air-conditioning:										
Installed .....	25	22	21	18	15	71	70	69	65	60
Not installed .....	10	10	10	10	10	29	30	31	35	40
Foundation:										
Concrete pads .....	6	4	4	3	3	18	14	13	12	12
Blocks .....	13	12	14	13	11	37	39	46	48	44
Masonry .....	13	12	10	9	10	37	39	33	34	40
Other <sup>2</sup> .....	3	3	3	(B)	(B)	8	8	8	(B)	(B)
<b>South</b> .....	<b>133</b>	<b>112</b>	<b>100</b>	<b>88</b>	<b>75</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	32	25	19	16	15	24	22	19	19	20
Outside manufactured home parks .....	101	87	81	72	60	76	78	81	81	80
Number of bedrooms:										
2 or less .....	4	3	3	3	4	3	3	3	3	5
3 or more .....	129	109	98	85	71	97	97	97	97	95
Central air-conditioning:										
Installed .....	116	99	89	77	65	87	89	89	88	87
Not installed .....	17	13	11	11	9	13	11	11	12	13
Foundation:										
Concrete pads .....	15	10	7	5	3	11	9	7	5	4
Blocks .....	87	80	77	69	61	66	72	77	79	82
Masonry .....	25	17	10	11	8	19	15	10	12	11
Other <sup>2</sup> .....	5	5	5	4	3	4	5	5	4	3
<b>West</b> .....	<b>38</b>	<b>35</b>	<b>31</b>	<b>30</b>	<b>30</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Location:										
Inside manufactured home parks .....	16	13	11	10	12	41	37	35	34	38
Outside manufactured home parks .....	22	22	20	20	19	59	63	65	66	62
Number of bedrooms:										
2 or less .....	3	3	3	3	4	7	8	9	10	13
3 or more .....	35	32	28	27	26	93	92	91	90	87
Central air-conditioning:										
Installed .....	18	15	13	12	10	48	43	41	39	32
Not installed .....	20	20	18	18	20	52	57	59	61	68
Foundation:										
Concrete pads .....	5	5	3	4	3	14	13	10	13	11
Blocks .....	18	15	16	16	18	46	44	51	53	58
Masonry .....	12	11	9	8	7	32	32	29	27	23
Other <sup>2</sup> .....	3	4	3	(B)	(B)	7	10	10	(B)	(B)

B Withheld because estimate did not meet publication standards on the basis of sample size. <sup>r</sup>Revised. 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>HUD-coded manufactured homes. These estimates include homes with more than two sections.

<sup>2</sup>Includes steel piers, no foundation, etc.

**Table 29. Average and Median Square Feet of Floor Area by Type of Manufactured Home and Region: 1994 to 1998**

[Averages and medians computed from unrounded figures]

Type of manufactured home and region	Average square feet					Median square feet				
	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>
<b>ALL MANUFACTURED HOMES<sup>1</sup></b>										
United States .....	1 450	1 415	1 380	1 355	1 330	1 340	1 285	1 285	1 280	1 280
Northeast .....	1 385	1 350	1 285	1 270	1 235	1 285	1 280	1 215	1 215	1 120
Midwest .....	1 465	1 425	1 405	1 355	1 350	1 345	1 340	1 285	1 285	1 285
South .....	1 440	1 405	1 365	1 345	1 300	1 285	1 285	1 280	1 280	1 245
West .....	1 485	1 470	1 450	1 450	1 445	1 455	1 425	1 370	1 345	1 350
<b>SINGLE-WIDE MANUFACTURED HOMES</b>										
United States .....	1 130	1 125	1 120	1 115	1 085	1 215	1 215	1 215	1 215	1 120
Northeast .....	1 075	1 030	1 040	1 050	1 015	1 060	1 005	1 010	1 010	985
Midwest .....	1 165	1 150	1 150	1 140	1 135	1 220	1 220	1 215	1 215	1 215
South .....	1 130	1 125	1 120	1 115	1 080	1 215	1 215	1 215	1 215	1 085
West .....	1 085	1 105	1 095	1 095	1 065	1 185	1 215	1 155	1 215	1 090
<b>DOUBLE-WIDE MANUFACTURED HOMES</b>										
United States .....	1 640	1 610	1 600	1 590	1 565	1 570	1 570	1 680	1 680	1 570
Northeast .....	1 560	1 555	1 550	1 515	1 510	1 460	1 560	1 565	1 460	1 560
Midwest .....	1 640	1 625	1 630	1 590	1 580	1 570	1 570	1 620	1 570	1 570
South .....	1 675	1 645	1 620	1 615	1 585	1 680	1 680	1 680	1 680	1 680
West .....	1 535	1 515	1 515	1 520	1 520	1 460	1 560	1 560	1 565	1 565

<sup>r</sup>Revised.

<sup>1</sup>Includes HUD-coded manufactured homes with more than two sections.

**Table 30. Average and Median Sales Price by Type of Manufactured Home and Region: 1994 to 1998**

[Averages and medians computed from unrounded figures]

Type of manufactured home and region	Average sales price <sup>1</sup>					Median sales price <sup>1</sup>				
	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>	1998	1997 <sup>r</sup>	1996 <sup>r</sup>	1995 <sup>r</sup>	1994 <sup>r</sup>
<b>ALL MANUFACTURED HOMES<sup>2</sup></b>										
United States .....	43 800	41 100	38 300	36 300	33 400	40 900	39 000	35 600	33 100	30 000
Northeast .....	45 500	43 900	39 700	37 900	34 000	42 900	42 100	37 900	34 000	31 100
Midwest .....	44 100	41 400	39 400	36 700	34 600	40 800	40 100	37 500	34 900	32 100
South .....	41 800	38 900	36 200	33 900	30 500	38 300	35 700	32 600	30 000	26 900
West .....	52 900	50 300	47 200	46 400	44 400	50 000	50 000	47 600	46 000	43 000
<b>SINGLE-WIDE MANUFACTURED HOMES</b>										
United States .....	30 300	29 000	28 200	26 700	23 900	30 300	29 000	27 800	26 400	23 900
Northeast .....	32 600	31 300	29 800	28 500	25 300	33 500	32 000	29 100	28 700	25 100
Midwest .....	31 700	30 500	30 500	28 300	26 100	32 500	31 100	30 000	28 500	26 600
South .....	29 700	28 300	27 300	25 700	22 800	29 400	27 900	26 300	25 100	21 900
West .....	32 100	31 200	30 600	30 800	28 200	34 600	33 200	31 900	32 100	28 100
<b>DOUBLE-WIDE MOBILE HOMES</b>										
United States .....	52 300	49 600	47 200	45 900	43 000	50 000	48 100	46 100	44 400	41 400
Northeast .....	53 100	51 800	50 500	48 900	45 500	50 000	48 400	48 100	45 500	43 000
Midwest .....	51 500	49 500	47 500	46 100	43 800	49 500	48 000	46 100	44 700	43 000
South .....	51 300	48 100	45 700	44 100	40 500	49 700	46 400	44 800	42 000	38 700
West .....	56 700	53 800	51 200	50 500	47 900	50 000	50 000	50 000	50 000	46 400

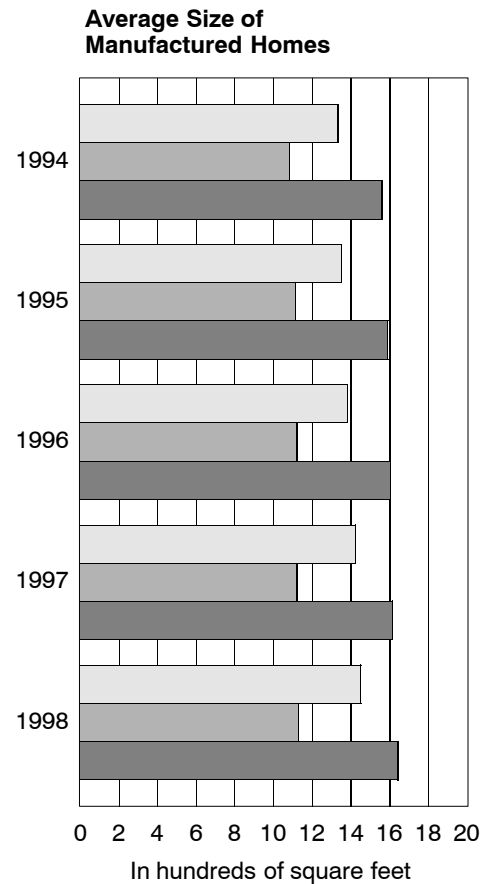
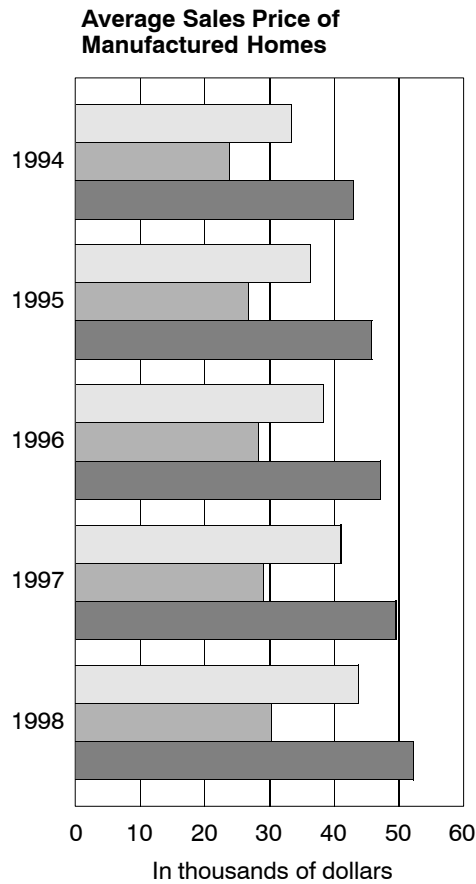
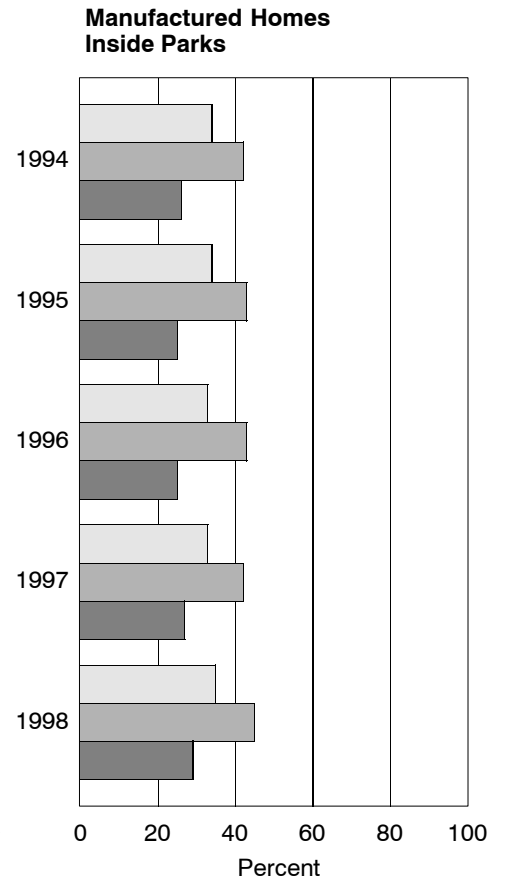
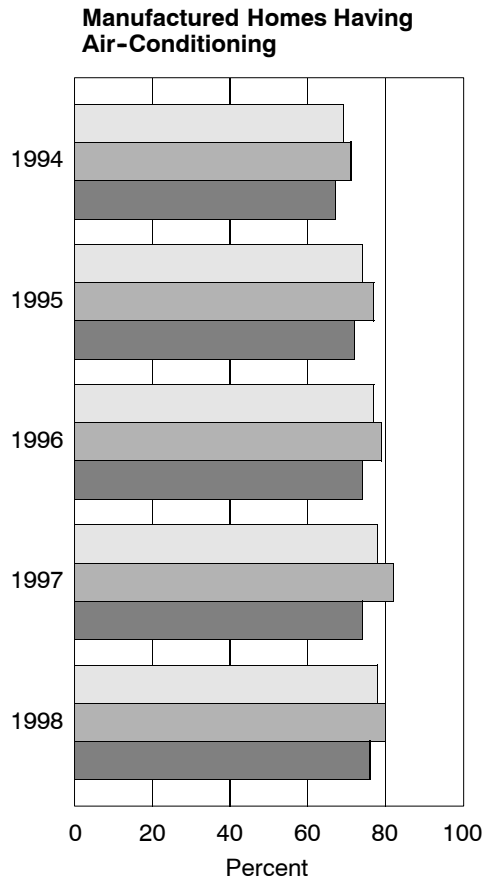
<sup>r</sup>Revised.

<sup>1</sup>Sales prices of new HUD-coded manufactured homes shown in this report are reported by dealers who are instructed to include dealer setup costs. In some cases, there may be additional costs to prepare units for occupancy not included in the sales prices reported.

<sup>2</sup>Includes HUD-coded manufactured homes with more than two sections.

Figure 7.  
**Comparison of HUD-Coded  
 Manufactured Homes With  
 Selected Characteristics:  
 1994 to 1998**

All manufactured homes  
 Single wide  
 Double wide



# Appendix A.

## Description of Surveys

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The statistics in this report are estimates based on sample surveys conducted by the Bureau of the Census, U.S. Department of Commerce, under contract with the U.S. Department of Housing and Urban Development (HUD).

### **SURVEY OF CONSTRUCTION**

This survey is used to produce estimates of new housing units started, completed, or sold. Every month interviewers obtain data from the builders or owners of a sample of new housing units for which permits have been issued or, in nonpermit areas, on which construction has started.

This national sample covers 169 areas consisting of counties and independent cities. Within these areas interviewers sample building permits issued monthly in approximately 840 areas requiring them. They select permits for 1-to-4-unit buildings with probability proportional to the number of units on the permit so that overall 1 in 40 units is selected. All permits for 5-or-more-unit buildings are selected.

Within the 169 areas there are land areas not requiring the issuance of building permits, called nonpermit areas. These areas were grouped into 2 strata according to their 1980 populations. Overall, 1 of every 120 land areas from the strata with larger land areas was selected; 1 out of every 600 was selected from the strata of smaller land areas. This selection produced a sample of approximately 130 land areas which interviewers canvass for all new housing units started. Each sampled building is followed through until completion and, if applicable, sale.

The statistics from this survey are based upon data received by the end of March 1999. We estimate that about 1 percent of all activity occurring in 1998 still had not been reported by this time. Imputations are made to cover this small amount.

### **PLACEMENTS OF HUD-CODED MANUFACTURED HOMES**

Each month the National Conference of States on Building Codes and Standards (NCSBCS) provides the Census Bureau with an electronic file of new HUD-coded manufactured home shipments. NCSBCS works as an agent for HUD ensuring that newly constructed manufactured homes meet HUD standards. The files identify the manufactured homes produced and the dealers to whom the units are shipped. From these files, a random sample is selected at an overall rate of 1 of every 40 units shipped.

The dealers receiving the selected units are then contacted by telephone and asked about the status of each selected unit. We continue this procedure for each selected unit until it is placed.

### **ADJUSTMENT FOR NONREPORTING**

Most statistics have been adjusted to eliminate nonreporting. Cases for which a characteristic was not reported have been distributed proportionally to those for which the characteristic was reported. For example, assume that 80 percent of the units represented by cases reporting on the characteristic "air-conditioning" indicate it is installed. Then, 80 percent of the units covered by cases for which the air-conditioning characteristic was not reported will be counted as having it installed. This is done only when the percentage of cases reporting a given characteristic is at a statistically acceptable level. For this report that level is 75 percent reporting. In most instances, if this level is not attained the statistics are suppressed. For all other cases, the tables have been marked to warn of the potential weaknesses of the estimates.

### **RELIABILITY OF DATA**

Since the statistics are estimates based on sample surveys, they may differ from statistics obtained from a complete census using the same forms and procedures. Estimates based on sample surveys are subject to both sampling and nonsampling error. The accuracy of an estimate is determined by the joint effects of these errors.

### **Measures of Sampling Errors**

Sampling errors reflect the fact that only a particular sample was surveyed rather than the entire population. The sample selected for this survey is one of a large number of similar probability samples that, by chance, might have been selected using the same specifications. Estimates derived from the different samples would differ from one another. The standard error, or sampling error, of a survey estimate is a measure of the variation among the estimates from all possible samples and, thus, is a measure of the precision with which an estimate from a particular sample approximates the average from all possible samples.

The standard errors shown have been computed from the 1996 through 1998 sample data for selected statistics in this report. They are presented in Tables A-1 through A-5. The estimates in Tables A-4 and A-5 are expressed in the form of relative standard errors. Table A-6 shows relative standard errors for characteristics of mobile home

placements in 1997. The relative standard error equals the standard error divided by the estimated value to which it refers.

The sample estimate and an estimate of its standard error allow us to construct interval estimates with prescribed confidence that the interval includes the average result of all possible samples with the same size and design. A 90-percent confidence interval is defined as being from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate. If all possible samples were selected and surveyed under essentially the same conditions and all the respective 90-percent confidence intervals were generated, then approximately nine-tenths of the intervals would include the average value of all sample estimates and approximately one-tenth would not. For example, Table 1 of this report shows that an estimated 815,000 one-family houses built for sale were completed in 1998. The standard error of this estimate interpolated from Table A-1 is 14,444. To obtain a 90-percent confidence interval, multiply 14,444 by 1.6 and add or subtract the result from 815,000. This yields limits of 791,890 and 838,110. The average estimate of one-family houses completed and built for sale may or may not be contained in this computed interval, but one can say that the average is included in the constructed interval with a specified confidence of 90 percent.

To economically derive estimates of applicable standard errors for a wide variety of items found in this report we made certain approximations. As a result, the relative standard errors shown in Tables A-4 through A-6 provide orders of magnitude rather than precise values. Tables A-1 through A-3 show a generalized formula for computing the standard errors as well as providing these errors based on orders of magnitude.

### **Nonsampling Errors**

As calculated for this report, the standard error measures certain nonsampling errors, but does not measure any systematic biases in the data. Bias is the difference, averaged over all possible samples with the same size and design, between the estimates and the true value being estimated. Nonsampling errors can be attributed to many sources:

1. Inability to obtain information about all cases in the sample
2. Definitional problems
3. Differences in interpretations of questions
4. Inability or unwillingness of respondents to provide correct answers
5. Errors made in processing 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 while reviewing the data for reasonableness and consistency.

The overall nonresponse rate for questions asked for this survey is very low. However, nonresponse to individual items varied. For the physical characteristics, such as the number of bathrooms or bedrooms, the nonresponse rate is between 1 and 10 percent. Items with higher nonresponse rates are those related to the sales price of new houses sold or to the contract price of contractor-built houses.

### **ILLUSTRATED USES OF STANDARD ERRORS TABLES**

Table 19 shows that in 1998 the estimate of the number of new houses sold in the South region with a sales price between \$80,000 and \$99,999 is 57,000. Using the generalized formula ( $SE=16\sqrt{\text{est.}}$ ) given in Table A-1, one can compute the value of the standard error for 57,000 by replacing "est." with the estimate, to obtain a standard error of 3,820. To obtain a 90-percent confidence interval multiply 3,820 by 1.6, which produces a result of 6,112. Add or subtract that result from 57,000 yielding limits of 50,888 and 63,112 houses.

The estimate of the proportion of houses sold in the South region (3,820 total) with a sales price between \$80,000 and \$99,999 is 14 percent. Using the generalized formula ( $SE=16\sqrt{(p \times q)/y}$ ) shown in Table A-2, one can compute the standard error. The value of "p" is 14 percent. The value of "q" is defined as  $100 - p$ , or 86 percent. The value of "y" is the base, 398,000. Thus, the standard error of 14 percent with a base of 398,000 houses is 0.9 percentage points. This means that a 90-percent confidence interval for 14 percent would be between 12.6 and 15.4 percent (14 percent plus or minus 1.6, which is  $0.9 \times 1.6$ ).

Table 19 also shows that the median sales price of new houses sold during 1998 in the South region was \$135,800. Table A-4 shows that the relative standard error of the estimate is 2 percent. Multiplying \$135,800 by 0.02, we obtain \$2,716 as the standard error. A 90-percent confidence interval for \$135,800 would be between \$131,454 and \$140,146.

Table 17 shows that 14,000 of the buildings with two units or more completed in the United States in 1998 had electricity for heating fuel. Table A-5 shows that the relative standard error of the estimate is 6 percent. Multiplying 14,000 by 0.06, we obtain 840 as the standard error. A 90-percent confidence interval for 14,000 would be between 12,656 and 15,344.

Table 30 shows that in 1998 the average sales price for all mobile home placements in the West region was \$52,900. Table A-6 shows that the relative standard error of the estimate is 2 percent. Multiplying \$52,900 by 0.02 yields a standard error of \$1,058. Producing a 90-percent confidence interval would give limits of \$51,207 and \$54,593.

**Table A-1. Average Standard Errors for Estimates of New One-Family Houses**

Estimated number	Standard error		Estimated number	Standard error	
	Sold, for sale, and completed SE=16 $\sqrt{\text{est.M}}$	Contractor-built, owner-built SE=19 $\sqrt{\text{est.M}}$		Sold, for sale, and completed SE=16 $\sqrt{\text{est.M}}$	Contractor-built, owner-built SE=19 $\sqrt{\text{est.M}}$
5,000 .....	1,130	1,340	200,000 .....	7,160	8,495
10,000 .....	1,600	1,900	300,000 .....	8,770	10,410
20,000 .....	2,260	2,685	350,000 .....	9,470	(X)
25,000 .....	2,535	3,010	400,000 .....	10,125	(X)
50,000 .....	3,580	4,250	600,000 .....	12,395	(X)
75,000 .....	4,385	5,205	800,000 .....	14,310	(X)
100,000 .....	5,055	6,005	1,000,000 .....	16,000	(X)
150,000 .....	6,200	7,355	1,200,000 .....	17,525	(X)

est.=Estimate for a given characteristic. SE=Standard error. X Not applicable.

**Table A-2. Average Standard Errors of Estimated Percentages for New Houses Completed, Sold, or Built for Sale**

$$\left( SE = 16 \sqrt{\frac{p \times q}{y}} \right)$$

Estimated percentages (p or q)	Number of houses in base of percentage <sup>(y)</sup>									
	5,000	10,000	20,000	50,000	100,000	200,000	400,000	600,000	800,000	1,000,000
5 or 95 .....	4.9	3.5	2.5	1.6	1.1	0.7	0.5	0.4	0.4	0.3
10 or 90 .....	6.8	4.8	3.4	2.1	1.5	1.1	0.7	0.6	0.5	0.5
20 or 80 .....	9.1	6.4	4.5	2.9	2.0	1.4	1.0	0.9	0.7	0.6
25 or 75 .....	9.8	7.0	5.0	3.1	2.2	1.5	1.1	0.9	0.7	0.6
40 or 60 .....	11.1	7.8	5.5	3.5	2.5	1.7	1.3	1.0	0.9	0.9
50 or 50 .....	11.3	8.0	5.7	3.6	2.6	1.8	1.3	1.1	0.9	0.9

p=Percent distribution. q=100-p. SE=Standard error. y=Base for a given characteristic.

**Table A-3. Average Standard Errors of Estimated Percentages for New Contractor-Built and Owner-Built Houses**

$$\left( SE = 14 \sqrt{\frac{p \times q}{y}} \right)$$

Estimated percentages (p or q)	Number of houses in base of percentage <sup>(y)</sup>					
	5,000	10,000	50,000	100,000	150,000	200,000
5 or 95 .....	4.3	3.1	1.4	1.0	0.8	0.7
10 or 90 .....	5.9	4.2	1.9	1.3	1.1	0.9
20 or 80 .....	7.9	5.6	2.5	1.8	1.4	1.3
25 or 75 .....	8.6	6.1	2.7	1.9	1.6	1.4
40 or 60 .....	9.7	6.9	3.1	2.2	1.8	1.5
50 or 50 .....	9.9	7.0	3.1	2.2	1.8	1.6

p=Percent distribution. q=100-p. SE=Standard error. y=Base for a given characteristic.

**Table A-4. Average Relative Standard Errors for Selected Averages and Medians of New One-Family Houses**

Characteristics	Average							Median						
	United States	Inside MSAs	Out-side MSAs	North-east	Mid-west	South	West	United States	Inside MSAs	Out-side MSAs	North-east	Mid-west	South	West
Square feet of floor area in—														
All new houses sold. . .	1	1	3	4	2	1	1	1	1	3	3	3	2	2
All new houses completed. . . . .	1	1	2	4	2	2	2	1	1	2	3	2	2	2
Houses built for sale completed. . . . .	1	1	4	6	3	2	1	1	1	3	3	3	2	2
Contractor-built houses completed. . . . .	2	2	3	4	3	2	4	3	4	4	9	6	5	11
Owner-built houses completed. . . . .	2	2	3	5	3	2	4	5	6	4	8	6	7	12
Price of—														
All new houses sold . . .	2	2	4	9	3	2	3	1	1	3	4	3	2	2
Contractor-built houses started. . . . .	3	2	6	7	4	4	6	4	4	6	9	6	6	13
Price per square foot of floor area of—														
All new houses sold . . .	1	1	2	4	1	1	2	1	1	2	2	1	1	2
Contractor-built houses started. . . . .	1	1	3	3	2	2	3	3	4	4	8	6	4	2

**Table A-5. Average Relative Standard Errors for Characteristics of Multifamily Housing Completed**

Characteristics	Buildings					Housing units				
	United States	Northeast	Midwest	South	West	United States	Northeast	Midwest	South	West
<b>Total</b> .....	<b>4</b>	<b>15</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>2</b>	<b>9</b>	<b>7</b>	<b>3</b>	<b>3</b>
Number of floors:										
1 to 3 floors.....	4	15	7	5	5	3	13	5	3	3
4 floors or more.....	8	26	29	9	15	6	16	15	12	8
Number of units:										
2 to 4 units.....	7	31	12	10	10	8	14	13	13	11
5 to 9 units.....	6	22	11	9	7	6	13	12	10	9
10 to 19 units.....	7	21	21	8	8	6	23	21	8	8
20 to 29 units.....	7	49	31	7	12	7	26	30	7	11
30 to 49 units.....	14	36	25	14	18	12	23	36	10	17
50 or more units.....	11	14	32	17	13	8	12	29	15	13
Air-conditioning:										
With air-conditioning.....	4	24	8	6	8	3	11	6	4	6
Without air-conditioning.....	9	32	15	12	15	10	20	25	11	13
Type of heating fuel:										
Electricity.....	6	34	14	8	10	5	57	19	6	9
Gas.....	6	27	8	12	10	4	10	7	12	7
Oil.....	46	(A)	36	20	41	13	12	48	20	42
Other.....	47	47	20	15	67	23	10	10	8	28
Heat pump:										
With a heat pump.....	10	46	19	14	11	8	90	17	10	9
Without a heat pump.....	5	22	8	8	6	3	9	6	7	3
Number of bedrooms:										
Efficiencies.....	(X)	(X)	(X)	(X)	(X)	18	17	36	43	20
1 bedroom.....	(X)	(X)	(X)	(X)	(X)	4	14	10	6	6
2 bedrooms.....	(X)	(X)	(X)	(X)	(X)	3	11	7	5	4
3 bedrooms or more.....	(X)	(X)	(X)	(X)	(X)	5	32	12	6	10
Number of bathrooms:										
1 bathroom.....	(X)	(X)	(X)	(X)	(X)	4	12	10	6	5
1 1/2 bathrooms.....	(X)	(X)	(X)	(X)	(X)	13	20	22	28	12
2 bathrooms or more.....	(X)	(X)	(X)	(X)	(X)	4	16	8	6	5
Average square feet per unit/per building:										
Less than 600 square feet.....	(X)	(X)	(X)	(X)	(X)	15	65	24	21	21
600 to 799 square feet.....	(X)	(X)	(X)	(X)	(X)	8	13	20	14	13
800 to 999 square feet.....	(X)	(X)	(X)	(X)	(X)	5	12	16	9	6
1,000 to 1,199 square feet.....	(X)	(X)	(X)	(X)	(X)	5	20	15	7	7
1,200 square feet or more.....	(X)	(X)	(X)	(X)	(X)	5	22	13	9	8
Square feet of floor area:										
Average.....	(X)	(X)	(X)	(X)	(X)	1	7	2	1	1
Median.....	(X)	(X)	(X)	(X)	(X)	1	13	2	1	1

A Relative standard error is greater than 100 percent. X Not applicable.



Table A-6. **Average Relative Standard Errors for Characteristics of New Mobile Home Placements**

[Percent]

Characteristics	United States	Northeast	Midwest	South	West
<b>ALL MOBILE HOMES<sup>1</sup></b>					
Average sales price .....	1	3	2	1	2
Average square feet .....	(Z)	2	1	(Z)	1
<b>Location</b>					
Inside mobile home communities .....	2	8	4	3	4
Outside mobile home communities .....	1	6	3	2	3
<b>Number of Bedrooms</b>					
Two or fewer .....	3	12	8	4	8
Three or more .....	1	5	3	1	3
<b>Central Air-Conditioning</b>					
Installed .....	1	10	3	1	5
Not installed .....	2	6	5	5	4
<b>Foundation</b>					
Concrete pads .....	3	9	7	6	8
Blocks .....	1	8	4	2	4
Masonry .....	3	12	5	5	5
Other <sup>2</sup> .....	5	20	9	8	9
<b>SINGLE-WIDE MOBILE HOMES</b>					
Average sales price .....	1	6	3	2	6
Average square feet .....	1	2	1	1	2
<b>Location</b>					
Inside mobile home communities .....	3	11	6	4	10
Outside mobile home communities .....	3	14	8	3	12
<b>Number of Bedrooms</b>					
Two or fewer .....	4	15	9	4	14
Three or more .....	2	11	5	3	8
<b>Central Air-Conditioning</b>					
Installed .....	2	19	5	3	14
Not installed .....	4	10	9	8	9
<b>Foundation</b>					
Concrete pads .....	6	17	10	11	29
Blocks .....	2	12	6	3	9
Masonry .....	16	19	28	23	40
Other <sup>2</sup> .....	10	36	16	16	40
<b>DOUBLE-WIDE MOBILE HOMES</b>					
Average sales price .....	1	4	2	1	2
Average square feet .....	(Z)	2	1	1	1
<b>Location</b>					
Inside mobile home communities .....	2	10	5	4	5
Outside mobile home communities .....	1	7	3	2	4
<b>Number of Bedrooms</b>					
Two or fewer .....	6	17	18	10	10
Three or more .....	1	6	3	2	3
<b>Central Air-Conditioning</b>					
Installed .....	1	11	3	3	5
Not installed .....	2	7	5	6	4
<b>Foundation</b>					
Concrete pads .....	4	10	8	6	9
Blocks .....	2	9	5	2	4
Masonry .....	3	12	5	5	6
Other <sup>2</sup> .....	5	23	10	9	10

Z Less than 0.5 percent.

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

<sup>2</sup>Includes steel piers, no foundation, etc.

## Appendix B. Definitions

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**Bathroom.** For the purposes of this survey, a full bathroom is one that has a wash basin, a toilet, and either a bathtub or shower, or a combination of bathtub and shower. A half bathroom is one that has either a toilet, bathtub, or shower, but not all the facilities to be classified as a full bathroom. If the respondent reported a full bathroom and two half bathrooms, the house is classified as a two-bathroom house.

**Bedroom.** A bedroom is a finished room specifically designed to be used for sleeping. A den, a space in the attic, or a basement which could be converted to a bedroom are not counted as bedrooms.

**Closing costs.** The closing costs are the total estimated costs customarily chargeable to the buyer for items which are incidental to the transaction. These costs include the initial service charge of the mortgage, cost of title search, charges for the preparation of deed and mortgage documents, mortgage tax, recording fees, and similar items. For houses sold with FHA-insured mortgages, they include an examination or application fee. Items not included in closing costs are deposits for unaccrued taxes, insurance premiums, and similar items that are treated as prepayable expenses.

### Construction Method

*Modular.* Finished 3-dimensional sections of the complete dwelling, built in a factory and transported to the site to be joined together on a permanent foundation.

*Panalized.* Shipped from the factory as a package of wall panels, roof trusses, and other components to be assembled on site. May include all materials required to finish the house as a complete package. For purposes of this report panalized houses are included in the "Other" category.

*Precut.* A package of lumber or timber (logs), precut to exact size, length, and quantity, to be assembled on site. Package may also include plumbing, wiring, and/or heating system elements. For purposes of this report precut houses are included in the "Other" category.

*Stick-built.* Built on site. Can include SOME factory components such as roof and floor trusses, wall panels, door frames, etc.

**Contractor-built houses.** This category includes all houses built for owner occupancy on owner's land with construction under the supervision of a single general contractor.

**Contractor price.** The contract price used in this survey for contractor-built houses is the price on the original contract awarded to the general contractor. The contract price does not reflect any subsequent changes in the price resulting from change orders or from any other factors affecting the price of the house. It does not include the cost of any contracts awarded to a different contractor for work on the grounds around the house, nor does it include any proposed expenditures on the house after construction is completed by the general contractor. Finally, because the house is being built for the owner's occupancy on the owner's own land, the contract price does not include the cost of the land.

The median contract price is equal to the middle point of all contract prices reported. The point is chosen so that half the contract prices of houses started are below the median and half are above the median. The average, or arithmetic mean, contract price is obtained by dividing the sum of all contract prices by the number of houses reporting contract prices.

**Deck.** A floored area without a roof, not sitting directly on the ground, typically made of wood.

**Efficiencies.** One room apartment units or studio apartment units which have no room designated specifically for sleeping.

**Exterior wall material.** The statistics on exterior wall material relate only to the principal type used; that is, the material covering more than half the exterior wall. While the definitions of most exterior wall materials are straightforward, two may not be. They are:

*Stucco.* A durable finish applied wet that usually consists of cement, sand, and lime.

*Vinyl.* Any of various tough, flexible, and shiny plastics used for covering walls.

**Financing, type of.** The type of financing tabulated in this survey is the type reported at the time the original sales agreement was signed or deposit accepted. However, changes in the type of financing do occur between the original contract signing and final settlement. These changes are not reflected in the tables.

The FHA and VA type-of-financing data presented in this report tend to differ from those published directly by those agencies. For the actual number of FHA-insured and VA-guaranteed loans made for new houses at the time of

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final settlement, refer to the publications of the respective agencies. The data differ because of the difference in time periods between the signing of the original sales contract, the start of construction, and the insurance or guarantee of the mortgage, as well as the sampling variability in this survey.

Early in 1995, the Farmers Home Administration was reorganized. As part of this reorganization the Rural Housing Service now handles the mortgage functions formerly done by the Farmers Home Administration.

**Fireplace (indoor).** An indoor fireplace is defined as an open recess in a chimney in which a fire may be built. Included are those made of masonry, tile, metal, or other permanently installed materials that are a fixed and integral part of the building.

**Floor area.** For this survey, floor area is defined as all completely finished floor space, including space in basements and attics with finished walls, floors, and ceilings.

In concept, measurement is based on exterior dimensions. Measurements are taken to the outside of exterior walls for detached houses. Half stories are measured to the outside of enclosing partitions. Row houses are measured from the centerline of party walls to the outside surface of the exterior walls. For purposes of this survey, where the floor area for a new house was reported based on interior dimensions, the figure was converted to exterior dimensions by multiplying by a standard conversion factor of 1.08. A standard conversion factor of 1.04 was used to convert figures to exterior dimensions where it was not known whether the reported area was based on exterior or interior dimensions.

**Heat pump.** “Heat pump” refers to a heating/cooling system which utilizes indoor and outdoor coils, a compressor, and refrigerant to pump hot air in during the winter and out during the summer. Only heat pumps that are centrally installed with ducts to the rooms are included in this category.

**Housing unit.** A housing unit is defined as a single room or group of rooms intended as separate living quarters by a family, by a group of unrelated persons living together, or by a person living alone. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have direct access from the outside of the building or through a common hall which is used or intended to be used by the occupants of another unit or the general public.

In addition to single-family detached houses, the definition of single-family houses also includes those townhouses attached together in groups of two or more which are partitioned from each other by a ground-to-roof wall. Also, these units must not share heating/air-conditioning systems or interstructural public utilities, such as water supply, power supply, or sewage disposal lines.

**Metropolitan Statistical Areas (MSAs).** The general concept, as originally defined in June 1983, underlying the specific MSA or older SMSA definitions is a geographic area consisting of a large population nucleus together with adjacent communities having a high degree of economic and social integration with that nucleus. For the MSA definitions this meant an area qualified for MSA status by: (1) including a city of at least 50,000 population; or (2) including an urbanized land area of at least 50,000 population with a total metropolitan population of at least 100,000 (75,000 in New England).

Besides the county containing the main city or urbanized area, an MSA may include additional counties having strong economic and social ties to the central county. These ties are determined chiefly by the extent of the urbanized area and by census data on commuting to work. Thus, an MSA can contain more than one city of 50,000 population and may cross state lines.

**HUD-coded manufactured home.** A movable dwelling, 8 feet or more wide and 40 feet or more long, designed to be towed on its own chassis. The transportation gear is integral to the dwelling when it leaves the factory. There is no need for a permanent foundation. There are two general types of units.

*Single-wide.* Is any unit so designated by a dealer. There is only one section and only one HUD label number.

*Double-wide.* Is any unit so designated by a dealer consisting of more than one section and more than one HUD label number.

**New houses (built for sale) completed.** This category includes new houses occupied, or available for occupancy, by the end of the year, which have been sold or are still for sale.

**New houses sold.** The category, “houses sold,” includes all houses for which a sales contract has been signed or a deposit accepted. This includes houses for which a sales contract is signed or deposit accepted before construction is actually started; for instance, houses sold from a model or from plans before any work is started on the footings or foundations. It also includes houses sold while under construction or after completion; that is, houses built on speculation. Land, in some form, is included in the sales transaction.

**Owner-built houses.** This category includes houses built for owner occupancy, on owner’s land, under the supervision of the owner acting as the general contractor: (1) In most cases built partly by the owner and partly with paid help; (2) sometimes built entirely with the employment of subcontractors; and (3) in a smaller number of cases, on a “do-it-yourself” basis.

**Patio.** A floored area, with or without a roof, sitting directly on the ground. This does not include small concrete pads at entryways.

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**Porch.** Floored area with a roof, enclosed or open, not sitting directly on the ground. This does not include small covered entryways.

**Regions.** The standard census geographic regions are used in the tables of this report. States included in each region are:

*Northeast.* Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania

*Midwest.* (formerly North Central)—Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas

*South.* Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas

*West.* Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Washington, Oregon, California, Alaska, and Hawaii

**Rental houses.** A house or housing unit used by a person or persons who do not own the property.

**Response rate.** The percentage of respondents answering a survey question. The overall response rate for all new houses covered by this survey is very high. However, response to individual items varied. For the physical characteristics, such as number of bedrooms or bathrooms, the response rate is within the range of 90 to 99 percent. Items with response rates somewhat lower are those related to the sales price of new houses sold or the contract price of contractor-built houses started.

**Sale.** The sale of the new house occurs with the signing of a sales contract or the acceptance of a deposit. This survey does not follow through to the final stage of the sales transaction.

**Sales price.** The sales price used in the survey for new houses sold is the price agreed upon between purchaser and seller (and reported by the latter) at the time the first sales contract is signed or deposit is made for the house. The sales price does not reflect any subsequent price changes resulting from change orders or from any other factors affecting the price of the house. Furthermore, the sales price does not include the cost of any extras or options paid for in cash by the purchaser or otherwise not included in the original sales price reported by the seller.

The sales price of a new HUD-coded manufactured home is the price reported by the dealer. The dealer is asked to include the costs of options and dealer setup, but exclude all taxes and land costs. There may be additional costs to prepare a HUD-coded manufactured home for occupancy which may not be included in the sales price reported.

The median sales price is the middle point of all sales prices reported; the point is chosen so that half the houses or HUD-coded manufactured homes were sold with a sales price below the median and half with a sales price above the median. The average, or arithmetic mean, sales price is obtained by dividing the sum of all the sales prices reported by the number of houses or HUD-coded manufactured homes reporting a sales price.

**Stages of construction.** The stages of construction are defined as follows:

*Start.* A house is defined as started at the time of excavation for the footings or foundation. For a house or building being totally rebuilt on an existing foundation, a start occurs when work on the superstructure of the new building begins.

*Completion.* A house is defined as completed when all finished flooring has been installed (or carpeting if used in place of finished flooring). If the building is occupied before all construction is finished, it is classified as completed at the time of occupancy. In privately owned buildings with two or more housing units, all the units in the buildings are counted as completed when 50 percent or more of the units are occupied or available for occupancy. In most of these buildings all units within the building actually become available for occupancy at the same time. In some larger apartment buildings, some floors or some units are completed and occupied before other parts of the building are completed. In these cases, housing units counted as completed prior to completion of the entire building tend to be offset by those housing units in other buildings actually completed during that month but which had been counted as completed previously.

**Story.** That portion of a building between the floor and the ceiling or roof, or the next floor above in the case of a multistory house. A basement is not counted as a story even if it is finished as a den or recreation room. Houses referred to as “bi-levels” or “split foyers” are classified as two-story houses.

*Half story.* A story finished as living accommodations located wholly or partly within the roof frame is considered a half story; it is tabulated in this survey as a whole story; for example, one and one-half stories is counted as two.

*Split level.* Identifies a structure having floors on more than one level when the difference in some floor levels is less than one story. This definition is interpreted on the basis of local custom and may vary from area to area.

# Supplement.

## Survey of Market Absorption

### Selected Characteristics of Apartment Units

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This supplement presents preliminary statistics on selected characteristics of apartment units in the Survey of Market Absorption (SOMA). This survey provides data on the rate at which newly completed, privately financed, nonsubsidized, unfurnished apartment units in buildings containing five or more units are rented or sold (absorbed).

The buildings selected for SOMA are those included in the Survey of Construction (SOC), which is described in Appendix A. Description of Surveys of this report. Each quarter a sample of buildings with five or more housing units reported as completed during that quarter in the SOC sample come into sample for SOMA. Buildings completed in locations not requiring building permits are excluded.

Table S-1 provides preliminary data on the types of apartment units completed during the year 1998. Table S-2 provides preliminary data about unfurnished units for rent. Table S-3 provides preliminary data for unfurnished units being sold under a condominium arrangement. This table excludes units sold under a cooperative ownership arrangement.

These data are preliminary and are subject to revision when published in future issues of Current Housing Reports, series H130, *Market Absorption of Apartments*.

#### ESTIMATION PROCEDURE

Annual estimates are obtained within each region by summing the four quarterly estimates. Unbiased quarterly estimates are formed by multiplying the counts for each building by its base weight (the inverse of its probability of selection) and then summing over all buildings. The final estimate is then obtained by multiplying the unbiased estimate by the following regional ratio estimate factor:

$$\frac{\text{SOC}}{\text{SOMA}}$$

where SOC is the total estimated units in 5+ unit buildings completed in permit-issuing areas for that quarter and where SOMA is the estimated total number of units in 5+ buildings for that quarter. The U.S. total is the sum of the regions.

This procedure produces estimates of the units completed in a given quarter which are consistent with the published figures from the Current Construction Reports, Series C22, *Housing Completions*, and also reduces, to some extent, the sampling variability of the estimates totals.

#### CHARACTERISTICS OF NEW HOUSING

Therefore, the estimates shown in this supplement are not the same as those shown in the other tables of this report because they do not include:

- a. Units in buildings containing two to four units.
- b. Units completed in areas not requiring the issuance of building permits.

#### RELIABILITY OF ESTIMATES

The SOMA statistics are subject to the same sampling errors and nonsampling errors as described in Reliability of Data in Appendix A because SOMA uses subsamples of the SOC samples. Additional errors are also introduced because of subsampling of buildings with five units or more.

It is assumed that the characteristics of units not included in the interviewed group or not accounted for are identical to ones for units where data were obtained. The noninterviewed and not accounted for cases constitute less than 2 percent of the sample housing units in the SOMA survey.

#### ILLUSTRATED USES OF STANDARD ERRORS TABLES

Table S-2 shows that the estimate of the number of unfurnished apartments completed in the Midwest region with an asking rent between \$550 and \$649 was 8,000. Using the generalized standard errors from table S-4, one can calculate the standard error for the estimate of this size to be approximately 1,431. One can also construct a 90-percent confidence interval by multiplying 1,431 by 1.6 to obtain limits of 5,710 and 10,290.

Table S-2 also shows that of the estimated 26,000 unfurnished apartments completed with an asking rent between \$450 and \$549, 40 percent were in the Midwest region. Using table S-5 one can compute a standard error for 40 percent with a base of 26,000 units to be about 4.9 percentage points. Multiplying 4.9 x 1.6 yields 7.8. Adding or subtracting 7.8 from 40 percent produces a 90-percent confidence interval of between 32.2 and 47.8 percent.

Similarly, using tables S-4 and S-6 one can compute the standard errors and 90-percent confidence intervals for the characteristics of condominiums shown in Table S-3.

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## DEFINITIONS

**Condominium.** A building in which each unit is owned individually, although not necessarily by the person(s) occupying the unit. The owner of each unit also holds a common or joint ownership in all common areas and facilities that serve the building: land, roofs, hallways, entrances, elevators, lobbies, etc.

**Cooperative.** A building that is owned by its shareholders and is organized as a corporation. Ownership of shares in the corporation entitles each shareholder to perpetual use of one or more units in the building until the owners sell their shares.

**Federally subsidized.** Units in buildings built under programs of HUD such as the Low Income Housing Assistance (Section 8), Senior Citizens Housing Direct Loans (Section 202), and all units in buildings in the FHA rent supplement program.

**Rental apartments.** Units in buildings built for rent wherein the building is owned by an individual, partnership, private corporation, or organization other than a public agency.

**Unfurnished.** Management provides only such items as a range, refrigerator, carpeting, and drapes.

**Furnished.** Management provides all the major articles of furniture such as bed, chest of drawers, sofa, chairs, and tables.

## ADDITIONAL INFORMATION

See current Housing Reports, series H130, *Market Absorption of Apartments*, for further information about SOMA and its estimation procedure. Otherwise, call 301-457-3199 regarding questions about the data found in this supplement.

**Table S-1. Type of Apartment Units Completed in Buildings With Five Units or More by Location: 1998**

[Preliminary data. Components may not add to totals because of rounding. Percents computed from unrounded figures]

Type of apartment unit	United States	Inside MSAs	Outside MSAs	Northeast	Midwest	South	West
<b>Number of apartment units (thousands)</b>							
Total .....	274	248	26	16	47	142	69
Rental apartments:							
Unfurnished .....	210	197	13	11	35	115	49
Furnished .....	3	2	1	(Z)	(Z)	2	1
Condominiums <sup>1</sup> .....	34	27	8	3	5	16	9
Federally subsidized <sup>2</sup> .....	20	17	3	2	4	6	8
Other <sup>3</sup> .....	6	5	1	(Z)	2	3	2
<b>Percent distribution</b>							
Total .....	100	100	100	100	100	100	100
Rental apartments:							
Unfurnished .....	77	79	51	65	76	81	71
Furnished .....	1	1	3	(S)	(S)	1	2
Condominiums <sup>1</sup> .....	13	11	29	21	12	11	14
Federally subsidized <sup>2</sup> .....	7	7	11	12	9	4	11
Other <sup>3</sup> .....	2	2	5	(S)	3	2	3

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. Z Fewer than 500 units or less than 0.5 percent.

<sup>1</sup>Includes cooperatively owned apartments.

<sup>2</sup>Federally subsidized apartments are built under programs of the Department of Housing and Urban Development's Low Income Housing Assistance (Section 8), Senior Citizens Direct Loans (Section 202), and all units in buildings containing apartments in the FHA rent supplement program.

<sup>3</sup>Other includes units such as time-sharing units and continuing care retirement units.

**Table S-2. Selected Characteristics of New Rental Apartments Completed by Asking Rent: 1998**

[Preliminary data. Newly-constructed, privately financed, nonsubsidized, unfurnished apartments in buildings with 5 units or more. Components may not add to totals because of rounding. Medians computed from unrounded figures]

Characteristic	Total	Asking rent						Median asking rent (dollars)
		Less than \$450	\$450 to \$549	\$550 to \$649	\$650 to \$749	\$750 to \$849	\$850 or more	
<b>New rental apartments completed (in thousands) . . .</b>	<b>210</b>	<b>13</b>	<b>26</b>	<b>30</b>	<b>41</b>	<b>32</b>	<b>68</b>	<b>735</b>
<b>LOCATION</b>								
Number of Apartments (in thousands)								
Inside MSAs . . . . .	197	11	25	27	38	30	66	743
Outside MSAs . . . . .	13	2	2	3	3	2	1	633
Northeast . . . . .	11	(Z)	1	1	3	1	6	850+
Midwest . . . . .	35	3	11	8	6	3	5	604
South . . . . .	115	9	10	18	23	19	36	738
West . . . . .	49	1	5	3	10	8	21	805
Percent Distribution								
Inside MSAs . . . . .	94	84	94	89	92	95	98	(X)
Outside MSAs . . . . .	6	16	6	11	8	5	2	(X)
Northeast . . . . .	5	(S)	2	2	6	3	8	(X)
Midwest . . . . .	17	20	40	28	13	10	8	(X)
South . . . . .	55	69	39	60	55	61	53	(X)
West . . . . .	23	9	19	11	25	25	31	(X)
<b>BEDROOMS PER UNIT</b>								
Number of Apartments (in thousands)								
Efficiencies . . . . .	6	1	1	1	(Z)	(Z)	2	611
1 bedroom . . . . .	71	6	12	13	17	8	14	670
2 bedrooms . . . . .	104	5	11	14	20	18	36	760
3 bedrooms or more . . . . .	29	(Z)	2	2	3	5	16	884
Percent Distribution								
Efficiencies . . . . .	3	10	4	2	(S)	(S)	3	(X)
1 bedroom . . . . .	34	47	47	44	42	25	20	(X)
2 bedrooms . . . . .	50	40	41	46	49	57	53	(X)
3 bedrooms or more . . . . .	14	(S)	8	8	8	17	23	(X)
<b>FEATURES INCLUDED IN ASKING RENT</b>								
Number of Apartments (in thousands)								
Swimming pool:								
Included in rent . . . . .	157	5	12	21	33	28	57	775
Not included in rent . . . . .	3	(Z)	(Z)	(Z)	(Z)	(Z)	1	(S)
Not available . . . . .	50	8	14	9	8	3	9	582
Off-street parking:								
Included in rent . . . . .	201	12	26	29	40	31	64	734
Not included in rent . . . . .	6	(Z)	(Z)	1	1	1	3	850+
Not available . . . . .	3	1	(Z)	1	(Z)	(Z)	1	(S)
Air-conditioning:								
Included in rent . . . . .	69	5	10	11	13	8	20	704
Not included in rent . . . . .	129	7	14	16	25	22	44	757
Not available . . . . .	13	1	2	3	3	1	4	669
Dishwasher:								
Included in rent . . . . .	195	10	20	27	41	31	65	747
Not included in rent . . . . .	4	(Z)	3	1	(Z)	(Z)	(Z)	(S)
Not available . . . . .	11	3	3	2	(Z)	(Z)	2	523
Percent Distribution								
Swimming pool:								
Included in rent . . . . .	75	37	46	70	81	90	85	(X)
Not included in rent . . . . .	1	(S)	(S)	(S)	(S)	(S)	2	(X)
Not available . . . . .	24	62	53	29	18	9	13	(X)
Off-street parking:								
Included in rent . . . . .	96	92	98	95	98	97	94	(X)
Not included in rent . . . . .	3	(S)	(S)	2	2	3	5	(X)
Not available . . . . .	1	5	(S)	3	(S)	(S)	1	(X)
Air-conditioning:								
Included in rent . . . . .	33	40	39	38	32	27	30	(X)
Not included in rent . . . . .	61	56	51	53	62	70	65	(X)
Not available . . . . .	6	4	9	10	6	3	5	(X)
Dishwasher:								
Included in rent . . . . .	93	77	77	90	99	100	97	(X)
Not included in rent . . . . .	2	(S)	10	3	(S)	(S)	(S)	(X)
Not available . . . . .	5	23	12	8	(S)	(S)	3	(X)

See footnotes at end of table.



Table S-2. **Selected Characteristics of New Rental Apartments Completed by Asking Rent: 1998—Con.**

[Preliminary data. Newly-constructed, privately financed, nonsubsidized, unfurnished apartments in buildings with 5 units or more. Components may not add to totals because of rounding. Medians computed from unrounded figures]

Characteristic	Total	Asking rent						Median asking rent (dollars)
		Less than \$450	\$450 to \$549	\$550 to \$649	\$650 to \$749	\$750 to \$849	\$850 or more	
<b>UTILITIES INCLUDED IN ASKING RENT</b>								
Number of Apartments (in thousands)								
Electricity:								
Included in rent .....	8	1	1	1	(Z)	(Z)	4	850+
Not included in rent .....	203	12	26	29	41	31	63	734
Gas:								
Included in rent .....	22	2	6	5	2	1	6	623
Not included in rent .....	83	3	6	10	18	14	31	779
Not available .....	105	9	14	15	21	16	30	716
Percent Distribution								
Electricity:								
Included in rent .....	4	5	3	4	(S)	(S)	6	(X)
Not included in rent .....	96	95	97	96	99	99	94	(X)
Gas:								
Included in rent .....	10	12	21	16	5	4	9	(X)
Not included in rent .....	40	21	24	33	44	46	46	(X)
Not available .....	50	68	54	51	51	50	44	(X)

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Fewer than 500 units or less than 0.5 percent.

**Table S-3. New Condominiums Completed by Location and Number of Bedrooms by Asking Price: 1998**

[Preliminary data. Newly-constructed, privately financed, nonsubsidized, unfurnished condominiums in buildings with 5 units or more. Components may not add to totals because of rounding. Medians computed from unrounded figures]

Characteristic	Total	Asking price					Median asking price (dollars)	
		Less than \$75,000	\$75,000 to \$99,999	\$100,000 to \$124,999	\$125,000 to \$149,999	\$150,000 to \$199,999		\$200,000 or more
<b>New condominiums completed (in thousands)<sup>1</sup> .....</b>	<b>31</b>	<b>3</b>	<b>9</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>117 800</b>
<b>LOCATION</b>								
Number of Condominiums (in thousands)								
Inside MSAs .....	24	2	5	5	4	4	5	128 800
Outside MSAs .....	7	1	4	1	(Z)	(Z)	1	90 000
Northeast .....	1	(Z)	(Z)	(Z)	(Z)	(Z)	1	(S)
Midwest .....	5	1	1	1	1	1	1	130 900
South .....	16	2	6	2	2	2	3	103 000
West .....	9	(Z)	2	2	1	1	2	120 400
Percent Distribution								
Inside MSAs .....	77	56	58	89	89	88	89	(X)
Outside MSAs .....	23	44	42	11	(S)	(S)	11	(X)
Northeast .....	4	(S)	(S)	(S)	(S)	(S)	13	(X)
Midwest .....	16	34	7	11	28	21	13	(X)
South .....	50	54	67	42	43	38	44	(X)
West .....	29	(S)	26	46	28	31	30	(X)
<b>BEDROOMS PER UNIT</b>								
Number of Condominiums (in thousands)								
Efficiencies .....	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(S)
1 bedroom .....	3	1	(Z)	(Z)	(Z)	(Z)	1	129 800
2 bedrooms .....	21	2	7	4	3	2	3	107 900
3 bedrooms or more .....	7	(Z)	1	1	1	1	2	147 700
Percent Distribution								
Efficiencies .....	2	(S)	(S)	(S)	(S)	(S)	(S)	(X)
1 bedroom .....	9	24	(S)	(S)	(S)	(S)	10	(X)
2 bedrooms .....	66	66	81	69	65	60	46	(X)
3 bedrooms or more .....	22	(S)	11	27	24	25	41	(X)

S Withheld because estimate did not meet publication standards on the basis of response rate, associated standard error, or a consistency review. X Not applicable. Z Fewer than 500 units or less than 0.5 percent.

<sup>1</sup>Does not include cooperatively owned apartment units.

**Table S-4 . Standard Errors of Estimates of Apartments in Buildings With Five Units or More**

Estimated number	Standard error		Estimated number	Standard error	
	All types except for condominium apartments SE=16 $\sqrt{\text{est.M}}$	Condominium apartments SE=20 $\sqrt{(\text{est.M} - 250)}$		All types except for condominium apartments SE=16 $\sqrt{\text{est.M}}$	Condominium apartments SE=20 $\sqrt{(\text{est.M} - 250)}$
1,000 .....	1,060	1,270	35,000 .....	2,900	35,000
2,000 .....	700	600	50,000 .....	3,500	4,200
3,000 .....	900	800	75,000 .....	4,300	5,200
4,000 .....	1,000	1,000	100,000 .....	5,000	6,100
5,000 .....	1,100	1,200	150,000 .....	6,100	7,500
10,000 .....	1,600	1,800	250,000 .....	7,900	(X)
15,000 .....	1,900	2,200	350,000 .....	9,300	(X)
20,000 .....	2,200	2,600	450,000 .....	10,600	(X)
25,000 .....	2,500	2,900	600,000	12,200	(X)

est.=Estimate for a given characteristic. SE=Standard error. X Not applicable.

**Table S-5. Standard Errors of Estimated Percentages for All Types of Apartments, Except for Condominiums**

$$\left( SE = 16 \sqrt{\frac{p \times q}{y}} \right)$$

Estimated percentages (p or q)	Number of houses in base of percentage <sup>(y)</sup>									
	1,000	5,000	10,000	20,000	50,000	75,000	100,000	150,000	350,000	600,000
2 or 98 .....	7.0	3.1	2.2	1.6	1.0	0.9	0.7	0.6	0.4	0.3
5 or 95 .....	10.9	4.9	3.4	2.4	1.5	1.3	1.1	0.9	0.6	0.4
10 or 90 .....	14.9	6.7	4.7	3.3	2.1	1.7	1.5	1.2	0.8	0.6
20 or 80 .....	19.9	8.9	6.3	4.5	2.8	2.3	2.0	1.6	1.1	0.8
25 or 75 .....	21.6	9.0	6.8	1.8	3.0	2.5	2.2	1.8	1.2	0.9
40 or 60 .....	24.4	10.9	7.7	5.5	3.5	2.8	2.4	2.0	1.3	1.0
50 or 50 .....	24.9	11.1	7.9	5.6	3.5	2.9	2.5	2.0	1.3	1.0

p=Percent distribution. q=100-p. SE=Standard error. y=Base for a given characteristic.

**Table S-6. Standard Errors of Estimated Percentages for Condominium Apartments**

$$\left( SE = 20 \sqrt{\frac{p \times q}{y}} \right)$$

Estimated percentages (p or q)	Number of houses in base of percentage <sup>(y)</sup>									
	1,000	3,000	5,000	10,000	15,000	25,000	50,000	75,000	100,000	150,000
2 or 98 .....	8.9	5.1	4.0	2.8	2.3	1.8	1.3	1.0	0.9	0.7
5 or 95 .....	13.8	8.0	6.2	4.4	3.6	2.8	1.9	1.6	1.4	1.1
10 or 90 .....	19.0	11.0	8.5	6.0	4.9	3.8	2.7	2.2	1.9	1.5
20 or 80 .....	25.3	14.6	11.3	8.0	6.5	5.1	3.6	2.9	2.5	2.1
25 or 75 .....	27.4	15.8	12.2	8.7	7.1	5.5	3.9	3.2	2.7	2.2
40 or 60 .....	31.0	17.9	13.9	9.8	8.0	6.2	4.4	3.6	3.1	2.5
50 or 50 .....	31.6	18.3	14.1	10.0	8.2	6.3	4.5	3.7	3.2	2.6

p=Percent distribution. q=100-p. SE=Standard error. y=Base for a given characteristic.