Appendix C. Historical Comparisons and Changes

HISTORICAL COMPARISONS

- Each home in the AHS sample represents a large number of other homes. The numbers are adjusted so that the total in the survey matches independent estimates of the total number of homes. For 1991, these independent estimates are based on the 1990 Census of Housing, plus changes since then. The numbers in chapters 1 through 11 of this book are not comparable to similar data published in the 1989 AHS and earlier. The 1990-based weighting produces, on average, numbers that are about 2.5 percent lower than 1980-based weighting. This effect is not equally distributed among all types of units. The following table shows the effects of the weighting change by region.

Table A. Difference Between 1980- and 1990-Based Weighting as a Percent of 1980-Based

Type of unit	United States	North-east	Mid-west	South	West
Total housing units	2.5	3.6	2.7	2.0	1.8
Occupied	2.4	3.5	2.7	2.0	1.7
Built 1980 or later	0.1	0.0	0.1	0.1	0.1
Built before 1980	2.9	3.9	3.1	2.6	2.2
Vacant	2.9	4.6	2.8	2.4	2.4

- Pages C-2 through C-21 present 1991 characteristics data using 1980-based weighting. This weighting is consistent with the weighting used in the 1985 through 1989 American Housing Survey. These tables should be used when making comparisons over time for specific characteristics. Tables 1 through 6, correspond to tables 2-1 through 2-6 in the 1985, 1987, and 1989 AHS series H151 books.

- Table B presents counts of occupied homes using 1990-based weighting. This weighting is consistent with the weighting used to produce the 1991 detailed tables in chapters 1 through 11 of this book. These data should be used when measuring the change in the size of the occupied inventory over time. These data provide the most accurate count of the total number of occupied homes for the years 1985, 1987, and 1989.

- Beginning on page C-22, this appendix provides a description of historical changes that have occurred in the American Housing Survey since its beginning in 1973.

Table B. Occupied Housing Units Using 1990-Based Weighting: 1985, 1987, and 1989

[Numbers in thousands]

Characteristic	1985		1987		1989	
	Owner	Renter	Owner	Renter	Owner	Renter
United States	54,394	31,279	56,649	31,885	58,193	32,809
Northeast	10,922	7,106	11,418	7,089	11,660	7,011
Midwest	14,226	7,242	14,696	7,133	15,122	7,234
South	19,217	9,876	19,985	10,190	20,627	10,694
West	10,030	7,056	10,550	7,472	10,784	7,870
Race						
White and other	50,222	25,866	52,323	26,253	53,772	26,924
Black	4,172	5,413	4,326	5,632	4,420	5,885

Table 1. General Characteristics by Family Type—Occupied Units

[Numbers in thousands. **Consistent with 1985 to 1989 reports.** ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	All households	Family households										
				Married couple					Male householder, no wife present				
					With own children under 18					With own children under 18			
						Race of householder					Race of householder		
			Total	Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	White	Black	Hhldr of Hispanic origin
1	**Total**	**95 453**	**67 802**	**51 388**	**23 541**	**20 656**	**1 789**	**2 033**	**4 193**	**1 788**	**1 455**	**258**	**216**
	Tenure												
2	Owner occupied	61 280	48 767	40 710	17 448	15 792	1 066	970	2 508	965	830	86	62
3	Percent of all occupied	64.2	71.9	79.2	74.1	76.4	59.6	47.7	59.8	54.0	57.0	33.1	28.6
4	Renter occupied	34 173	19 035	10 678	6 093	4 865	722	1 064	1 685	823	625	173	154
	Units in Structure												
5	1, detached	58 949	47 675	39 040	17 881	16 106	1 145	1 147	2 605	1 047	908	94	98
6	1, attached	5 561	3 696	2 316	1 036	821	139	112	261	124	88	33	18
7	2 to 4	9 756	5 475	3 217	1 590	1 257	185	316	386	180	131	39	35
8	5 to 9	4 742	2 373	1 207	581	426	91	120	224	99	74	22	24
9	10 to 19	4 079	1 901	997	423	304	53	92	217	88	56	24	15
10	20 to 49	3 191	1 361	761	310	212	43	103	125	50	28	18	14
11	50 or more	3 441	1 256	754	218	143	36	62	106	36	21	15	5
12	Mobile home or trailer	5 734	4 065	3 097	1 502	1 388	98	79	270	165	148	12	7
	Year Structure Built[1]												
13	1990 to 1994	2 039	1 608	1 381	775	685	47	27	76	35	32	3	5
14	1985 to 1989	8 037	6 119	4 946	2 762	2 492	140	148	379	209	173	33	14
15	1980 to 1984	7 312	5 327	4 144	2 219	1 949	171	139	293	133	109	20	17
16	1975 to 1979	11 344	8 470	6 780	3 471	3 103	223	268	496	246	214	18	18
17	1970 to 1974	10 271	7 184	5 323	2 404	2 067	219	200	485	205	163	35	22
18	1960 to 1969	14 950	10 787	8 428	3 405	2 898	298	320	623	263	217	31	39
19	1950 to 1959	12 884	9 408	7 172	2 653	2 364	186	339	535	207	169	26	32
20	1940 to 1949	7 897	5 399	3 772	1 561	1 350	139	223	371	122	93	25	21
21	1930 to 1939	6 172	4 106	2 876	1 345	1 082	199	155	331	134	101	30	21
22	1920 to 1929	5 225	3 439	2 323	1 045	912	81	99	214	73	60	9	6
23	1919 or earlier	9 322	5 957	4 242	1 900	1 754	86	115	389	160	124	28	21
24	**Median**	**1964**	**1965**	**1966**	**1970**	**1970**	**1967**	**1963**	**1964**	**1968**	**1968**	**1964**	**1962**
	Age of Householder												
25	Under 25 years	5 032	2 713	1 557	839	730	70	141	282	87	74	14	19
26	25 to 29	8 818	6 004	4 195	2 708	2 389	234	311	493	262	223	33	35
27	30 to 34	11 462	8 665	6 495	5 100	4 517	353	483	489	355	275	70	37
28	35 to 44	21 462	17 276	12 936	10 406	9 199	739	706	1 083	765	625	101	86
29	45 to 54	15 306	12 253	9 452	3 786	3 269	299	311	727	268	216	36	30
30	55 to 64	12 512	9 474	7 764	627	500	80	77	462	47	38	5	7
31	65 to 74	11 868	7 444	6 094	58	41	9	4	392	4	4	-	2
32	75 years and over	8 993	3 972	2 896	16	11	5	-	265	-	-	-	-
33	**Median**	**46**	**45**	**46**	**38**	**38**	**38**	**36**	**43**	**37**	**37**	**36**	**37**
	Persons 65 Years Old and Over												
34	None	72 700	54 540	41 144	23 103	20 337	1 748	1 989	3 326	1 771	1 441	255	210
35	1 person	15 158	5 768	3 450	400	294	40	39	545	17	14	4	6
36	2 persons or more	7 595	7 494	6 794	39	26	-	5	322	-	-	-	-
	Persons												
37	1 person	22 958	...	...	...	...	...	...	...	...	...	...	...
38	2 persons	31 330	27 688	20 452	...	...	...	...	1 940	361	299	55	24
39	3 persons	16 696	15 992	11 197	6 591	5 892	468	395	1 049	585	476	96	67
40	4 persons	14 490	14 239	11 778	9 972	8 825	705	670	718	510	421	65	68
41	5 persons	6 401	6 326	5 248	4 669	4 046	403	518	255	181	156	19	20
42	6 persons	2 161	2 142	1 676	1 466	1 257	108	242	125	79	64	9	12
43	7 persons or more	1 418	1 416	1 038	843	637	104	208	106	71	38	15	25
44	**Median**	**2.3**	**2.9**	**3.0**	**4.0**	**4.0**	**4.1**	**4.4**	**2.6**	**3.4**	**3.4**	**3.3**	**3.8**
	Rooms												
45	1 room	653	61	22	15	15	-	7	16	-	-	-	-
46	2 rooms	1 050	143	74	43	32	4	22	21	4	1	3	-
47	3 rooms	8 273	2 368	1 480	442	300	53	191	206	89	60	27	27
48	4 rooms	17 529	10 286	6 359	2 772	2 248	302	536	816	376	288	72	70
49	5 rooms	21 703	15 877	11 308	4 788	4 136	433	456	1 073	435	353	70	39
50	6 rooms	19 961	15 928	12 487	5 600	4 953	476	407	948	400	340	42	43
51	7 rooms	12 716	10 926	9 093	4 242	3 784	300	230	545	251	209	26	22
52	8 rooms	7 670	6 870	5 888	3 090	2 844	123	107	301	124	111	6	7
53	9 rooms	3 435	3 096	2 665	1 476	1 334	67	39	168	68	56	9	7
54	10 rooms or more	2 462	2 247	2 012	1 075	1 009	30	38	98	39	37	3	2
55	**Median**	**5.4**	**5.8**	**6.0**	**6.2**	**6.2**	**5.7**	**5.1**	**5.5**	**5.5**	**5.6**	**4.9**	**4.8**
	Persons Per Room												
56	0.50 or less	64 393	38 639	29 600	6 334	5 874	292	196	2 436	681	589	77	57
57	0.51 to 1.00	28 471	26 658	20 084	15 712	13 685	1 305	1 263	1 561	989	785	155	117
58	1.01 to 1.50	2 059	2 025	1 406	1 227	907	152	410	147	102	70	24	29
59	1.51 or more	529	480	298	268	191	39	164	49	16	11	2	13

[1]For mobile homes, oldest category is 1939 or earlier.

Family households—Con.					Nonfamily households							
Female householder, no husband present												
	With own children under 18					Living alone				Other nonfamily		
						Male		Female				
		Race of householder										
Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	65 and over	Total	65 and over	Male	Female	
12 221	**6 992**	**4 373**	**2 300**	**890**	**27 651**	**9 093**	**1 982**	**13 865**	**7 149**	**2 912**	**1 781**	**1**
5 549	2 058	1 569	413	130	12 512	3 637	1 240	7 442	4 610	846	587	2
45.4	29.4	35.9	17.9	14.6	45.3	40.0	62.5	53.7	64.5	29.1	33.0	3
6 672	4 934	2 804	1 888	760	15 138	5 456	742	6 423	2 540	2 066	1 193	4
6 031	2 833	2 003	720	238	11 275	3 440	1 057	6 150	3 847	1 038	647	5
1 120	641	361	262	40	1 865	550	129	909	373	252	154	6
1 872	1 297	738	490	203	4 281	1 457	178	1 920	775	554	349	7
942	722	404	298	128	2 369	812	95	1 088	346	297	172	8
687	501	281	190	79	2 177	818	62	909	292	285	166	9
475	322	167	131	100	1 830	721	110	793	321	212	103	10
396	260	97	125	73	2 185	748	192	1 211	740	123	103	11
698	415	323	84	29	1 669	547	158	884	454	152	86	12
150	94	79	9	9	431	118	5	206	54	73	33	13
795	518	387	102	35	1 918	656	72	821	289	266	174	14
889	600	438	130	57	1 985	623	78	937	398	283	142	15
1 194	801	547	207	90	2 874	967	154	1 379	635	341	187	16
1 376	871	541	286	101	3 087	954	224	1 605	784	352	177	17
1 736	913	506	359	111	4 163	1 379	360	2 118	1 106	393	272	18
1 700	806	463	307	134	3 477	1 102	298	1 903	1 107	287	184	19
1 255	692	372	299	117	2 498	777	210	1 320	802	238	163	20
899	478	305	166	70	2 066	706	154	1 059	583	163	137	21
901	473	281	177	65	1 787	646	161	900	475	153	88	22
1 325	746	454	257	100	3 365	1 165	266	1 616	918	363	222	23
1960	**1963**	**1966**	**1958**	**1957**	**1962**	**1961**	**1957**	**1961**	**1957**	**1966**	**1964**	**24**
874	787	428	334	93	2 319	572	...	575	...	684	488	25
1 317	1 191	704	445	146	2 814	1 044	...	758	...	710	302	26
1 680	1 581	937	565	209	2 797	1 342	...	787	...	466	201	27
3 257	2 631	1 765	743	302	4 186	1 927	...	1 418	...	525	317	28
2 075	699	469	187	111	3 052	1 272	...	1 351	...	269	161	29
1 249	88	58	25	30	3 037	954	...	1 826	...	132	124	30
957	11	9	2	–	4 425	1 077	1 077	3 151	3 151	93	103	31
811	4	4	–	–	5 021	905	905	3 999	3 999	34	84	32
42	**35**	**36**	**33**	**35**	**51**	**43**	**74**	**66**	**75+**	**31**	**32**	**33**
10 070	6 866	4 307	2 253	868	18 159	7 111	...	6 715	...	2 764	1 569	34
1 773	125	66	47	22	9 390	1 982	1 982	7 149	7 149	119	139	35
377	–	–	–	–	102	...	...	...	...	29	73	36
...	...	...	...	...	22 958	9 093	1 982	13 865	7 149	...	...	37
5 296	2 146	1 467	637	148	3 642	...	...	...	...	2 189	1 453	38
3 746	2 547	1 646	764	312	704	...	...	...	...	463	241	39
1 743	1 311	795	458	234	251	...	...	...	...	185	66	40
822	561	284	227	100	75	...	...	...	...	63	12	41
341	231	118	99	58	18	...	...	...	...	9	9	42
272	195	63	115	38	2	...	...	...	...	2	–	43
2.7	**3.0**	**2.9**	**3.2**	**3.5**	**1.5-**	**--**	**--**	**--**	**--**	**2.2**	**2.1**	**44**
22	14	13	2	5	593	386	51	168	53	26	12	45
48	34	22	10	8	908	490	87	358	112	44	15	46
681	484	243	209	116	5 905	2 352	406	2 992	1 383	357	203	47
3 111	2 081	1 285	693	352	7 243	2 255	420	3 494	1 680	904	590	48
3 496	2 098	1 231	779	253	5 826	1 638	463	3 019	1 709	715	455	49
2 492	1 253	811	391	106	4 033	1 081	311	2 224	1 295	447	281	50
1 288	579	440	121	28	1 790	483	116	933	539	239	136	51
680	286	206	67	18	800	240	89	403	209	111	47	52
263	107	80	18	3	338	108	22	164	115	38	28	53
137	54	42	10	2	215	61	18	109	55	32	13	54
5.1	**4.9**	**5.0**	**4.6**	**4.4**	**4.4**	**4.1**	**4.6**	**4.5**	**4.7**	**4.7**	**4.7**	**55**
6 603	2 857	2 072	714	153	25 754	8 707	1 931	13 696	7 097	2 013	1 339	56
5 014	3 668	2 089	1 375	583	1 813	386	51	168	53	838	420	57
471	372	156	176	120	34	–	–	–	–	25	10	58
133	97	57	36	33	49	–	–	–	–	37	12	59

Table 2. Financial Characteristics by Family Type—Occupied Units

[Numbers in thousands. Consistent with 1985 to 1989 reports. ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	All households	Family households										
				Married couple					Male householder, no wife present				
					With own children under 18					With own children under 18			
						Race of householder					Race of householder		
			Total	Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	White	Black	Hhldr of Hispanic origin
1	**Total**	**95 453**	**67 802**	**51 388**	**23 541**	**20 656**	**1 789**	**2 033**	**4 193**	**1 788**	**1 455**	**258**	**216**
	Household Income												
2	Less than $5,000	5 606	2 809	1 188	446	344	60	70	187	84	51	28	9
3	$5,000 to $9,999	9 780	4 108	1 843	602	468	86	110	247	126	101	25	29
4	$10,000 to $14,999	8 931	5 060	3 152	1 047	850	128	227	358	139	118	17	21
5	$15,000 to $19,999	8 301	5 493	3 865	1 408	1 186	165	256	413	183	145	35	33
6	$20,000 to $24,999	8 321	5 860	4 206	1 687	1 412	187	237	407	191	152	26	19
7	$25,000 to $29,999	8 946	6 328	4 690	1 940	1 709	158	251	401	130	102	20	26
8	$30,000 to $34,999	6 751	5 081	3 963	1 962	1 735	137	161	331	151	130	17	17
9	$35,000 to $39,999	5 542	4 320	3 493	1 829	1 643	134	112	263	124	104	10	16
10	$40,000 to $49,999	9 419	7 699	6 440	3 563	3 172	262	201	451	189	148	27	11
11	$50,000 to $59,999	7 011	5 983	5 142	2 638	2 347	171	155	373	164	137	25	16
12	$60,000 to $79,999	8 246	7 264	6 491	3 218	2 887	193	128	344	145	117	24	8
13	$80,000 to $99,999	3 645	3 297	2 986	1 369	1 236	54	51	166	72	65	2	3
14	$100,000 to $119,999	1 926	1 742	1 603	684	623	16	25	93	26	26	-	-
15	$120,000 or more	3 027	2 758	2 527	1 149	1 044	38	49	158	63	58	2	9
16	**Median**	**28 793**	**34 175**	**39 276**	**42 386**	**43 092**	**34 025**	**27 313**	**31 256**	**31 322**	**32 219**	**24 643**	**24 275**
	As percent of poverty level:												
17	Less than 50 percent	4 971	3 396	1 375	690	527	108	132	205	110	74	31	18
18	50 to 99	8 188	4 642	2 300	1 298	1 015	179	283	304	183	139	36	44
19	100 to 149	9 996	6 061	4 013	2 085	1 737	230	401	422	200	154	37	21
20	150 to 199	9 386	6 591	4 734	2 480	2 155	223	342	462	226	185	25	38
21	200 percent or more	62 911	47 112	38 965	16 989	15 223	1 048	876	2 800	1 069	902	130	96
	Monthly Housing Costs												
22	Less than $100	2 166	1 143	602	196	159	21	27	88	29	13	12	2
23	$100 to $199	11 517	6 982	5 010	1 107	977	82	157	398	93	70	21	13
24	$200 to $249	6 125	4 008	3 041	673	593	59	71	231	84	69	10	9
25	$250 to $299	5 987	4 006	2 909	759	666	70	64	237	60	51	7	7
26	$300 to $349	5 854	3 872	2 732	902	760	97	87	228	103	83	18	12
27	$350 to $399	5 641	3 632	2 549	1 010	855	112	106	306	130	98	30	14
28	$400 to $449	5 599	3 681	2 567	1 168	1 024	103	129	249	116	93	20	9
29	$450 to $499	5 330	3 576	2 544	1 299	1 113	132	139	205	84	76	9	13
30	$500 to $599	8 927	6 294	4 526	2 326	2 036	204	249	420	208	150	44	37
31	$600 to $699	7 039	5 169	3 893	2 070	1 806	189	166	353	182	158	14	31
32	$700 to $799	5 381	4 142	3 273	1 847	1 627	139	154	274	118	93	24	17
33	$800 to $999	6 962	5 605	4 629	2 693	2 420	152	210	326	179	153	17	26
34	$1,000 to $1,249	4 457	3 743	3 156	1 847	1 679	115	117	225	102	93	7	8
35	$1,250 to $1,499	2 510	2 110	1 867	1 159	1 037	52	69	84	41	34	5	-
36	$1,500 or more	4 069	3 633	3 274	1 962	1 686	62	107	187	93	81	3	9
37	No cash rent	2 589	1 648	1 020	656	545	82	92	134	61	53	8	9
38	Mortgage payment not reported	5 319	4 556	3 795	1 868	1 675	116	90	249	105	88	10	-
39	**Median (excludes no cash rent)**	**458**	**499**	**529**	**652**	**657**	**558**	**559**	**491**	**554**	**569**	**462**	**565**
	Median Monthly Housing Costs For Owners												
40	**Monthly costs including all mortgages plus maintenance costs**	**480**	**536**	**558**	**756**	**754**	**644**	**716**	**508**	**653**	**652**	**589**	**675**
41	**Monthly costs excluding 2nd and subsequent mortgages and maintenance costs**	**439**	**486**	**504**	**682**	**680**	**587**	**651**	**451**	**603**	**598**	**589**	**654**
	Monthly Housing Costs as Percent of Current Income[1]												
42	Less than 5 percent	2 825	2 466	2 094	623	567	30	36	155	31	26	-	3
43	5 to 9 percent	10 053	8 567	7 186	2 162	1 943	142	163	497	125	90	27	11
44	10 to 14 percent	12 576	10 047	8 432	3 251	2 911	265	163	574	205	169	32	10
45	15 to 19 percent	13 524	10 247	8 373	3 920	3 506	281	250	635	257	227	22	21
46	20 to 24 percent	11 516	8 110	6 299	3 459	3 094	221	259	510	261	209	40	51
47	25 to 29 percent	9 322	6 191	4 600	2 573	2 274	196	193	347	190	152	30	15
48	30 to 34 percent	6 391	3 985	2 730	1 506	1 300	109	184	235	106	84	20	5
49	35 to 39 percent	4 315	2 636	1 783	1 015	812	106	130	172	87	67	16	12
50	40 to 49 percent	5 300	3 065	1 886	1 038	860	89	206	221	103	86	13	16
51	50 to 59 percent	2 990	1 699	931	455	390	39	86	132	70	64	7	22
52	60 to 69 percent	1 831	1 046	508	258	197	19	44	73	34	29	-	8
53	70 to 99 percent	2 627	1 392	654	297	226	33	64	107	71	49	17	13
54	100 percent or more[2]	3 262	1 679	806	362	274	51	56	110	60	41	14	19
55	Zero or negative income	1 012	467	291	98	82	9	17	44	22	19	3	-
56	No cash rent	2 589	1 648	1 020	656	545	82	92	134	61	53	8	9
57	Mortgage payment not reported	5 319	4 556	3 795	1 868	1 675	116	90	249	105	88	10	-
58	**Median (excludes 3 previous lines)**	**22**	**20**	**18**	**21**	**20**	**22**	**26**	**20**	**23**	**23**	**25**	**27**
59	**Median (excludes 4 lines before medians)**	**21**	**19**	**18**	**20**	**20**	**21**	**25**	**20**	**23**	**23**	**24**	**25**

Family households—Con.					Nonfamily households							
Female householder, no husband present												
	With own children under 18					Living alone				Other nonfamily		
						Male		Female				
		Race of householder										
Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	65 and over	Total	65 and over	Male	Female	
12 221	6 992	4 373	2 300	890	27 651	9 093	1 982	13 865	7 149	2 912	1 781	1
1 434	1 172	530	582	144	2 797	860	210	1 741	914	127	69	2
2 018	1 412	823	510	250	5 672	1 345	621	4 021	3 077	161	145	3
1 550	970	625	315	150	3 871	1 176	389	2 341	1 396	184	169	4
1 414	874	547	287	113	2 808	1 025	278	1 388	622	248	146	5
1 247	584	385	169	52	2 461	951	140	1 085	350	257	168	6
1 237	619	438	162	65	2 617	1 011	99	1 197	408	270	140	7
787	400	285	94	43	1 670	576	48	677	151	253	164	8
564	267	191	59	22	1 222	458	35	418	65	224	122	9
609	344	272	69	20	1 720	697	68	436	68	377	210	10
488	161	132	24	16	1 029	342	32	249	33	270	168	11
429	110	82	24	9	982	352	29	161	28	298	171	12
145	41	35	2	-	348	107	7	71	11	104	66	13
48	9	9	-	-	184	69	12	24	7	73	18	14
72	29	18	3	5	269	124	14	55	19	65	24	15
18 916	14 702	16 900	10 918	11 693	17 644	20 734	12 054	12 500	9 323	34 130	31 605	16
1 816	1 523	713	719	224	1 575	562	84	817	306	127	69	17
2 038	1 449	861	519	253	3 546	789	287	2 469	1 722	159	129	18
1 625	1 016	644	333	161	3 935	1 016	443	2 589	1 887	184	146	19
1 395	819	532	249	84	2 794	772	271	1 626	981	244	152	20
5 347	2 185	1 623	480	167	15 800	5 953	897	6 364	2 253	2 199	1 285	21
453	312	124	179	21	1 023	309	125	660	490	23	31	22
1 575	708	348	327	95	4 535	1 274	619	3 049	2 333	100	113	23
736	335	190	132	52	2 117	672	260	1 284	880	99	61	24
859	437	270	157	37	1 981	677	161	1 128	651	100	76	25
914	487	306	160	61	1 882	736	143	1 013	542	139	94	26
777	467	283	167	69	2 010	663	93	997	400	226	103	27
865	622	378	219	79	1 918	726	128	873	284	206	114	28
827	514	337	152	73	1 753	607	89	752	265	277	118	29
1 348	834	559	233	125	2 632	910	90	1 075	349	384	264	30
923	542	358	163	75	1 870	595	71	727	209	337	212	31
595	343	236	90	54	1 219	371	13	492	136	241	114	32
650	376	293	59	42	1 357	430	44	472	102	285	170	33
382	205	162	35	14	714	225	12	247	53	139	103	34
159	69	56	8	6	399	113	6	133	32	96	58	35
173	86	68	11	2	435	157	16	139	38	95	45	36
494	393	204	165	43	941	356	71	466	255	87	32	37
512	261	202	43	22	763	252	41	359	129	79	73	38
417	434	463	377	437	383	392	237	320	232	553	548	39
417	539	573	425	392	302	355	272	258	216	668	560	40
377	491	524	401	374	284	333	214	243	203	618	515	41
217	64	31	31	-	359	181	48	129	64	35	13	42
884	208	123	78	23	1 487	868	167	680	372	90	49	43
1 041	317	202	104	25	2 529	1 088	251	1 164	688	200	77	44
1 239	537	354	163	56	3 277	1 249	200	1 629	788	254	145	45
1 301	733	498	216	88	3 406	1 222	211	1 710	742	312	162	46
1 244	778	456	294	66	3 131	1 041	220	1 587	784	334	169	47
1 020	662	406	224	66	2 406	705	198	1 277	644	272	152	48
681	432	281	138	43	1 678	482	110	887	483	184	125	49
958	642	449	159	99	2 235	601	171	1 181	675	285	168	50
637	438	249	158	55	1 291	291	83	704	413	181	115	51
465	329	213	104	85	785	145	56	459	257	99	83	52
631	489	300	156	94	1 234	296	60	630	392	170	138	53
783	605	359	219	103	1 583	328	78	802	401	225	228	54
132	103	45	47	22	545	187	17	202	81	105	51	55
494	393	204	165	43	941	356	71	466	255	87	32	56
512	261	202	43	22	763	252	41	359	129	79	73	57
28	34	34	33	43	28	24	26	28	29	32	37	58
27	31	31	31	38	26	23	25	27	28	30	33	59

Table 2. **Financial Characteristics by Family Type—Occupied Units**—Con.

[Numbers in thousands. **Consistent with 1985 to 1989 reports.** ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	All households	Family households										
				Married couple					Male householder, no wife present				
					With own children under 18					With own children under 18			
						Race of householder					Race of householder		
			Total	Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	White	Black	Hhldr of Hispanic origin
	OWNER OCCUPIED UNITS												
1	**Total**	**61 280**	**48 767**	**40 710**	**17 448**	**15 792**	**1 066**	**970**	**2 508**	**965**	**830**	**86**	**62**
	Value												
2	Less than $10,000	2 282	1 585	1 179	587	520	63	47	118	69	65	2	1
3	$10,000 to $19,999	2 746	1 951	1 468	690	627	57	51	145	63	44	18	1
4	$20,000 to $29,999	2 968	2 175	1 627	631	562	56	58	129	48	41	5	4
5	$30,000 to $39,999	3 686	2 709	2 130	882	781	92	78	153	63	56	5	6
6	$40,000 to $49,999	4 699	3 456	2 761	1 104	968	119	77	176	67	55	8	3
7	$50,000 to $59,999	4 578	3 474	2 861	1 185	1 073	97	56	193	77	60	16	5
8	$60,000 to $69,999	5 096	4 026	3 363	1 336	1 205	103	85	185	59	51	3	6
9	$70,000 to $79,999	4 610	3 631	3 070	1 261	1 137	110	40	181	72	66	4	7
10	$80,000 to $99,999	7 659	6 343	5 424	2 367	2 219	116	104	276	97	84	6	7
11	$100,000 to $119,999	4 482	3 680	3 163	1 364	1 262	56	42	173	77	64	5	4
12	$120,000 to $149,999	5 018	4 191	3 587	1 573	1 456	65	72	212	74	61	10	3
13	$150,000 to $199,999	5 712	4 831	4 185	1 884	1 723	78	129	244	83	81	-	5
14	$200,000 to $249,999	2 928	2 562	2 251	971	886	28	43	109	43	39	-	4
15	$250,000 to $299,999	1 677	1 388	1 161	556	493	9	41	87	25	19	3	3
16	$300,000 or more	3 138	2 764	2 479	1 057	878	19	48	127	47	43	-	4
17	**Median**	**79 945**	**84 340**	**86 989**	**88 853**	**89 216**	**64 850**	**78 293**	**78 577**	**74 899**	**76 414**	**52 629**	**78 038**

[1]Beginning with 1989 this item uses current income in its calculation. See appendix A.
[2]May reflect a temporary situation, living off savings, or response error.

Family households—Con.					Nonfamily households							
Female householder, no husband present												
	With own children under 18					Living alone				Other nonfamily		
						Male		Female				
		Race of householder		Hhldr of Hispanic origin								
Total	Total	White	Black		Total	Total	65 and over	Total	65 and over	Male	Female	
5 549	**2 058**	**1 569**	**413**	**130**	**12 512**	**3 637**	**1 240**	**7 442**	**4 610**	**846**	**587**	**1**
288	166	117	46	15	697	278	97	356	224	42	22	2
338	128	105	23	4	795	282	114	438	263	43	31	3
419	152	96	51	6	793	207	86	535	351	23	29	4
427	179	122	54	17	976	253	91	626	432	59	39	5
520	184	125	49	5	1 243	332	116	829	535	53	29	6
419	160	110	49	13	1 104	312	119	697	469	52	43	7
477	175	138	34	17	1 070	305	99	654	409	66	45	8
380	132	108	19	8	979	308	101	548	345	72	51	9
643	233	196	32	4	1 316	376	116	752	407	113	75	10
344	118	101	11	13	802	221	61	463	255	82	36	11
393	167	140	21	11	827	220	68	482	275	65	60	12
402	115	100	10	5	881	247	84	514	309	71	48	13
202	72	50	12	7	366	114	33	197	108	34	21	14
140	35	33	–	2	289	79	23	172	122	27	12	15
158	41	28	2	2	374	104	30	180	107	46	44	16
67 625	**63 427**	**67 963**	**46 723**	**62 615**	**66 053**	**65 108**	**59 643**	**63 676**	**60 758**	**82 320**	**81 051**	**17**

Table 3. Housing Quality by Family Type—Occupied Units

[Numbers in thousands. Consistent with 1985 to 1989 reports. ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	All households	Family households									
				Married couple					Male householder, no wife present			
					With own children under 18					With own children under 18		
						Race of householder					Race of householder	
			Total	Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	White	Black	Hhldr of Hispanic origin
1	**Total**	95 453	67 802	51 388	23 541	20 656	1 789	2 033	4 193	1 788	1 455	258	216
	Water Supply Stoppage												
2	With hot and cold piped water	95 185	67 710	51 343	23 513	20 633	1 786	2 032	4 179	1 788	1 455	258	216
3	No stoppage in last 3 months	89 971	64 192	48 753	22 255	19 549	1 688	1 919	3 951	1 690	1 378	238	204
4	With stoppage in last 3 months	4 235	2 881	2 169	1 078	945	71	99	164	74	64	10	8
5	No stoppage lasting 6 hours or more	1 623	1 069	852	377	328	26	27	60	27	21	6	1
6	1 time lasting 6 hours or more	1 734	1 220	910	492	442	29	38	55	18	16	2	1
7	2 times	323	220	149	78	63	4	16	15	10	10	-	2
8	3 times	160	109	82	45	37	8	2	5	5	5	-	-
9	4 times or more	134	82	53	29	25	2	4	7	3	1	2	-
10	Number of times not reported	262	181	124	56	50	2	11	21	11	11	-	3
11	Stoppage not reported	979	637	422	180	139	26	14	64	24	13	10	4
	Flush Toilet Breakdowns												
12	With one or more flush toilets	95 088	67 692	51 330	23 508	20 630	1 783	2 033	4 174	1 787	1 454	258	214
13	With at least one working toilet at all times in last 3 months	89 975	64 132	49 071	22 277	19 618	1 650	1 884	3 856	1 632	1 340	230	167
14	None working some time in last 3 months	4 743	3 325	2 090	1 142	927	133	160	301	145	107	25	42
15	No breakdowns lasting 6 hours or more	1 416	951	611	305	230	45	29	66	36	26	7	9
16	1 time lasting 6 hours or more	2 143	1 503	983	558	479	35	85	137	64	60	3	17
17	2 times	459	329	164	117	77	31	24	40	14	4	6	-
18	3 times	171	122	80	53	43	11	7	13	13	4	9	2
19	4 times or more	162	126	53	33	29	4	6	15	9	4	-	6
20	Number of times not reported	392	295	199	76	68	7	9	30	11	8	-	8
21	Breakdowns not reported	370	235	169	89	85	-	10	17	10	7	3	6
	Sewage Disposal Breakdowns												
22	With public sewer	73 077	49 560	35 930	16 606	14 101	1 505	1 817	3 215	1 345	1 043	231	197
23	No breakdowns in last 3 months	71 877	48 690	35 371	16 300	13 855	1 467	1 766	3 159	1 312	1 025	219	197
24	With breakdowns in last 3 months	1 199	870	560	306	246	38	52	56	32	19	12	-
25	No breakdowns lasting 6 hours or more	398	289	195	107	89	14	15	17	10	7	3	-
26	1 time lasting 6 hours or more	594	428	277	145	115	16	28	23	13	10	3	-
27	2 times	94	68	40	24	19	5	3	5	5	-	3	-
28	3 times	52	41	24	17	10	2	2	6	-	-	-	-
29	4 times or more	61	43	23	13	13	-	5	5	5	2	3	-
30	With septic tank or cesspool	22 199	18 158	15 411	6 909	6 532	282	216	967	443	411	27	18
31	No breakdowns in last 3 months	21 719	17 765	15 082	6 745	6 382	276	212	942	431	401	25	16
32	With breakdowns in last 3 months	480	393	329	164	150	6	4	25	12	10	2	2
33	No breakdowns lasting 6 hours or more	148	121	110	51	47	5	-	1	1	1	-	-
34	1 time lasting 6 hours or more	274	228	187	101	93	1	4	18	7	7	-	2
35	2 times	34	25	20	6	5	-	-	2	-	-	-	-
36	3 times	8	5	5	4	4	-	-	-	-	-	-	-
37	4 times or more	15	13	7	2	2	-	-	5	5	2	2	-
	Heating Problems												
38	With heating equipment and occupied last winter	84 061	60 833	46 893	21 086	18 597	1 598	1 689	3 632	1 494	1 235	201	175
39	Not uncomfortably cold for 24 hours or more last winter	78 086	56 651	44 190	19 619	17 374	1 447	1 502	3 365	1 363	1 137	178	156
40	Uncomfortably cold for 24 hours or more last winter[1]	5 778	4 060	2 613	1 444	1 206	147	180	257	130	97	23	18
41	Equipment breakdowns	1 883	1 289	753	447	351	60	63	90	37	27	9	5
42	No breakdowns lasting 6 hours or more	110	71	35	14	14	-	2	3	-	-	-	-
43	1 time lasting 6 hours or more	1 043	721	434	257	214	31	30	55	26	21	3	5
44	2 times	275	190	116	65	55	6	13	6	-	-	-	-
45	3 times	138	96	55	36	23	7	4	4	1	1	-	-
46	4 times or more	214	144	58	36	25	7	7	22	10	4	6	-
47	Number of times not reported	102	67	55	39	20	10	6	-	-	-	-	-
48	Other causes	4 179	2 956	1 951	1 046	887	97	124	181	104	78	17	18
49	Utility interruption	1 139	854	697	339	310	22	15	34	20	16	3	-
50	Inadequate heating capacity	932	641	358	209	164	26	42	46	21	18	3	3
51	Inadequate insulation	589	406	239	126	97	18	22	26	19	14	3	5
52	Other	1 370	954	603	340	294	26	44	67	42	31	8	10
53	Not reported	149	101	54	32	21	5	2	9	2	-	-	-
54	Reason for discomfort not reported	21	17	8	5	5	-	-	-	-	-	-	-
55	Discomfort not reported	197	122	90	23	18	5	6	10	1	-	-	-
	Selected Deficiencies[1]												
56	Signs of rats in last 3 months	3 429	2 562	1 493	866	609	175	214	175	91	62	25	23
57	Holes in floors	1 169	816	408	241	202	37	33	72	41	27	10	9
58	Open cracks or holes (interior)	4 833	3 349	1 939	1 132	895	162	150	262	130	85	39	21
59	Broken plaster or peeling paint (interior)	3 957	2 673	1 494	864	702	115	130	249	132	89	39	17
60	No electrical wiring	31	25	22	22	22	-	-	-	-	-	-	-
61	Exposed wiring	1 531	1 026	616	335	266	48	73	81	33	26	5	12
62	Rooms without electric outlets	1 684	1 111	732	397	336	44	53	81	35	25	9	3
	Selected Amenities[1]												
63	Porch, deck, balcony, or patio	72 679	53 906	42 263	19 265	17 269	1 301	1 377	3 110	1 311	1 098	159	125
64	Not reported	193	137	100	33	26	5	2	8	2	2	-	-
65	Telephone available	89 448	64 104	49 462	22 397	19 724	1 640	1 786	3 821	1 606	1 323	212	183
66	Usable fireplace	29 347	23 903	20 308	9 186	8 345	466	404	1 287	525	441	59	53
67	Separate dining room	43 063	33 781	27 057	12 555	11 160	893	789	1 878	763	647	91	73
68	With 2 or more living rooms or recreation rooms, etc.	30 179	25 396	21 653	10 090	9 192	562	423	1 234	519	448	47	40
69	Garage or carport included with home	55 001	42 830	35 337	15 494	13 980	824	1 080	2 292	920	813	58	112
70	Not included	40 267	24 873	15 989	8 024	6 662	958	953	1 890	864	637	201	100
71	Offstreet parking included	30 693	19 436	12 897	6 504	5 531	726	670	1 453	714	545	146	61
72	Offstreet parking not reported	410	192	116	58	49	3	8	19	10	10	-	-
73	Garage or carport not reported	164	99	62	23	14	7	-	11	4	4	-	3

Family households—Con.					Nonfamily households							
Female householder, no husband present												
	With own children under 18					Living alone				Other nonfamily		
		Race of householder				Male		Female				
Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	65 and over	Total	65 and over	Male	Female	
12 221	6 992	4 373	2 300	690	27 651	9 093	1 982	13 865	7 149	2 912	1 761	1
12 187	6 984	4 369	2 297	686	27 475	8 962	1 959	13 830	7 134	2 907	1 776	2
11 488	6 556	4 140	2 139	613	25 779	8 344	1 838	13 080	6 781	2 699	1 655	3
548	332	187	109	52	1 354	497	94	590	272	163	103	4
157	95	47	33	14	554	212	51	249	138	59	34	5
255	156	95	50	18	514	183	29	218	79	62	51	6
56	34	14	14	7	102	41	9	34	14	18	9	7
23	18	11	5	2	51	22	2	19	4	6	4	8
21	14	8	6	4	52	23	-	17	5	13	-	9
37	15	13	-	7	80	18	2	52	31	6	5	10
151	96	42	50	21	343	120	26	159	70	45	18	11
12 187	6 982	4 370	2 294	690	27 395	8 901	1 957	13 811	7 130	2 906	1 776	12
11 205	6 342	4 018	2 044	769	25 843	8 453	1 869	13 059	6 765	2 693	1 639	13
934	608	335	239	116	1 418	387	85	712	343	192	127	14
274	162	112	43	36	466	132	25	242	110	42	51	15
383	250	128	111	40	640	165	42	332	156	87	56	16
125	84	48	34	13	130	40	5	43	16	30	17	17
29	24	8	13	1	49	23	6	20	8	4	2	18
59	45	26	12	18	36	12	4	13	11	10	-	19
65	42	12	25	9	97	15	2	62	42	20	-	20
49	32	16	12	5	135	62	3	40	23	22	11	21
10 414	6 109	3 660	2 169	842	23 517	7 661	1 570	11 780	5 890	2 502	1 575	22
10 161	5 949	3 575	2 112	814	23 187	7 546	1 557	11 630	5 822	2 453	1 559	23
254	160	86	56	29	330	115	13	150	68	49	15	24
77	51	38	8	9	109	38	4	52	19	13	6	25
127	80	31	38	14	166	58	6	74	35	26	7	26
23	12	5	8	-	26	11	2	7	5	4	2	27
11	4	4	-	2	11	3	-	5	5	3	-	28
15	12	7	3	3	19	4	-	12	5	2	-	29
1 780	875	709	129	48	4 041	1 368	398	2 058	1 245	410	204	30
1 741	855	693	125	48	3 954	1 342	391	2 017	1 223	393	201	31
38	20	17	3	-	87	26	7	41	22	17	3	32
9	5	3	2	-	27	9	3	7	2	9	1	33
24	12	12	-	-	46	12	3	30	17	4	-	34
3	2	-	2	-	9	1	-	4	3	2	2	35
-	-	-	-	-	3	3	2	-	-	-	-	36
2	2	2	-	-	2	-	-	-	-	2	-	37
10 308	5 455	3 402	1 799	683	23 228	7 551	1 869	12 415	6 862	2 004	1 258	38
9 096	4 649	2 968	1 477	581	21 435	6 991	1 774	11 502	6 477	1 821	1 121	39
1 190	789	424	316	102	1 719	531	86	877	364	181	130	40
446	306	170	117	63	594	188	23	303	114	62	42	41
33	18	12	6	6	39	15	-	18	10	5	2	42
232	155	99	52	33	322	89	17	173	72	28	32	43
68	58	30	24	12	85	29	-	51	15	6	-	44
37	26	9	13	6	43	5	-	21	5	11	5	45
64	43	18	18	7	70	37	4	22	2	9	2	46
12	6	2	4	-	35	14	1	18	10	3	-	47
823	542	282	224	49	1 223	372	65	611	259	142	98	48
123	75	49	25	2	285	92	16	153	71	28	12	49
237	155	76	66	28	291	86	19	145	46	41	18	50
141	103	49	45	8	183	62	4	82	37	15	25	51
284	188	100	75	12	416	121	25	203	90	54	38	52
39	21	8	13	-	48	11	1	27	15	5	4	53
9	4	4	-	-	4	-	-	4	2	-	-	54
22	17	9	6	-	74	29	9	35	21	2	7	55
894	611	245	323	155	867	293	59	396	195	111	67	56
338	233	108	109	31	352	140	34	144	67	42	26	57
1 149	793	381	365	108	1 484	510	95	629	261	230	116	58
929	591	292	263	90	1 285	504	97	539	219	176	64	59
4	-	-	-	-	6	3	3	3	3	-	-	60
330	217	111	94	32	505	187	40	201	120	80	36	61
299	187	99	78	24	572	181	39	277	152	70	44	62
8 533	4 609	3 094	1 358	447	18 773	5 705	1 277	9 670	5 121	2 091	1 306	63
29	13	5	8	-	56	18	8	20	9	11	6	64
10 821	5 915	3 839	1 814	711	25 344	7 986	1 790	13 096	6 891	2 622	1 640	65
2 307	1 085	860	184	60	5 445	1 597	329	2 725	1 312	687	438	66
4 846	2 465	1 614	765	198	9 283	2 751	646	4 791	2 550	1 091	650	67
2 509	1 067	789	245	51	4 783	1 307	364	2 700	1 547	495	281	68
5 201	2 494	1 869	498	279	12 171	3 651	973	6 552	3 803	1 189	780	69
6 994	4 472	2 494	1 786	609	15 414	5 414	1 005	7 280	3 328	1 723	996	70
5 086	3 319	2 016	1 202	313	11 257	3 865	717	5 293	2 377	1 374	724	71
57	39	22	13	12	218	94	15	98	52	10	16	72
26	26	10	16	2	65	28	4	33	19	-	4	73

Table 3. **Housing Quality by Family Type—Occupied Units**—Con.

[Numbers in thousands. **Consistent with 1985 to 1989 reports.** ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	All households	Family households										
				Married couple					Male householder, no wife present				
					With own children under 18					With own children under 18			
						Race of householder					Race of householder		
			Total	Total	Total	White	Black	Hhldr of Hispanic origin	Total	Total	White	Black	Hhldr of Hispanic origin
	Overall Opinion of Structure												
1	1 (worst)	648	419	194	117	80	22	31	42	26	20	6	11
2	2	379	261	118	52	38	7	7	18	11	11	-	-
3	3	676	434	244	163	152	4	18	55	27	20	4	2
4	4	1 125	722	400	226	185	25	28	61	38	24	10	4
5	5	8 544	4 352	2 720	1 400	1 123	172	219	391	202	149	39	35
6	6	4 712	3 048	2 019	1 136	954	92	128	250	115	97	14	19
7	7	10 931	7 410	5 288	2 996	2 595	237	271	547	270	243	17	26
8	8	23 055	16 593	12 468	6 216	5 499	443	469	1 097	462	365	88	39
9	9	13 950	10 253	8 323	3 781	3 389	261	238	519	201	155	32	28
10	10 (best)	32 663	23 908	19 333	7 362	6 578	513	604	1 179	435	369	50	51
11	Not reported	769	402	280	91	65	12	21	32	3	3	-	-
	Neighborhood Conditions												
12	With neighborhood	93 557	66 566	50 429	23 169	20 342	1 757	2 003	4 098	1 760	1 430	257	216
13	No problems	57 799	40 708	31 430	13 696	11 982	1 032	1 239	2 523	981	804	134	140
14	With problems[1]	35 414	25 625	18 822	9 398	8 293	725	761	1 550	765	615	122	73
15	Crime	6 877	4 641	2 777	1 500	1 152	257	242	288	137	83	47	18
16	Noise	7 198	4 779	3 319	1 445	1 163	158	201	331	151	116	29	18
17	Traffic	6 829	5 086	3 908	2 120	1 946	98	141	285	150	130	11	17
18	Litter or housing deterioration	4 256	3 111	2 341	1 019	916	55	101	105	48	27	16	4
19	Poor city or county services	1 521	1 152	824	435	377	50	38	82	53	30	23	4
20	Undesirable commercial, institutional, industrial	1 625	1 166	895	382	329	29	43	61	31	27	3	-
21	People	11 654	8 321	5 639	2 939	2 614	194	309	529	278	230	38	31
22	Other	8 573	6 437	5 053	2 570	2 342	147	115	353	181	160	19	7
23	Type of problem not reported	621	450	365	179	159	20	2	27	12	12	-	-
24	Presence of problems not reported	343	233	177	75	68	-	4	25	14	12	-	3
	Overall Opinion of Neighborhood												
25	1 (worst)	1 568	1 143	503	261	174	58	60	97	43	23	18	-
26	2	839	581	354	167	137	14	32	38	24	20	5	3
27	3	1 337	887	511	281	240	23	46	73	37	29	6	10
28	4	1 692	1 195	788	388	306	55	35	78	36	31	5	1
29	5	7 475	5 127	3 451	1 575	1 319	151	193	362	177	132	35	27
30	6	4 983	3 295	2 247	1 117	936	104	112	260	132	101	19	16
31	7	10 259	7 028	5 224	2 658	2 289	233	211	450	217	173	39	26
32	8	20 721	14 784	11 308	5 509	4 683	366	434	838	424	342	71	42
33	9	13 247	9 758	7 922	3 737	3 348	244	251	524	214	185	23	32
34	10 (best)	31 438	22 768	18 120	7 476	6 709	509	629	1 281	456	395	36	58
35	No neighborhood	815	627	526	216	204	7	11	47	21	18	2	-
36	Not reported	1 081	609	433	157	110	25	19	48	7	7	-	-

[1]Figures may not add to total because more than one category may apply to a unit.

Family households—Con.					Nonfamily households							
Female householder, no husband present												
	With own children under 18					Living alone				Other nonfamily		
						Male		Female				
		Race of householder		Hhldr of Hispanic origin								
Total	Total	White	Black		Total	Total	65 and over	Total	65 and over	Male	Female	
182	140	51	83	14	229	89	30	95	34	37	8	1
125	90	50	29	25	118	47	7	49	20	18	4	2
136	111	58	53	13	241	139	31	56	20	32	14	3
260	202	99	87	31	403	171	21	124	38	81	26	4
1 240	820	497	263	141	2 192	899	201	898	393	259	136	5
779	512	312	178	61	1 664	702	71	612	245	218	133	6
1 576	962	608	322	92	3 521	1 444	118	1 255	473	553	268	7
3 028	1 765	1 139	549	205	6 462	2 303	420	2 937	1 219	741	481	8
1 410	744	532	195	77	3 696	1 077	253	1 984	952	379	257	9
3 395	1 602	1 000	532	221	8 756	2 084	790	5 648	3 590	581	445	10
90	44	28	10	9	367	137	43	208	164	13	9	11
12 039	6 900	4 316	2 275	876	26 991	8 867	1 908	13 484	6 867	2 873	1 766	12
6 756	3 584	2 337	1 068	487	17 091	5 692	1 387	8 875	5 090	1 556	968	13
5 252	3 300	1 967	1 204	389	9 790	3 145	517	4 539	1 743	1 315	791	14
1 576	1 067	466	550	163	2 236	788	124	937	278	309	202	15
1 128	736	422	270	114	2 420	752	126	1 131	430	333	204	16
892	558	405	139	69	1 743	643	103	771	250	207	122	17
665	410	194	195	49	1 145	307	48	645	260	127	66	18
246	136	74	55	25	368	147	12	172	66	27	22	19
												20
210	119	78	38	14	459	154	29	214	91	56	35	
2 154	1 477	897	512	197	3 333	1 056	208	1 507	599	466	304	21
1 031	574	362	183	51	2 136	623	79	1 036	393	337	141	22
57	35	18	16	5	171	45	6	76	25	29	22	23
31	15	12	3	–	111	31	4	70	34	2	7	24
543	418	146	261	80	425	160	32	201	100	34	30	25
189	158	74	72	18	257	99	15	108	27	34	17	26
302	225	133	87	38	450	179	42	173	54	78	20	27
329	228	130	76	33	497	187	17	203	52	69	39	28
1 314	815	452	303	126	2 348	841	180	1 045	490	301	160	29
787	469	295	161	36	1 689	714	99	626	195	199	150	30
1 354	842	499	305	93	3 231	1 273	169	1 220	475	463	275	31
2 539	1 427	968	404	175	5 937	2 099	360	2 811	1 296	682	345	32
1 313	757	553	175	69	3 488	1 157	223	1 673	758	395	264	33
3 368	1 561	1 066	432	210	8 869	2 160	771	5 424	3 420	619	466	34
54	26	21	4	–	187	63	35	103	71	18	3	35
128	64	37	21	14	473	163	39	278	212	21	11	36

Table 4. Neighborhood Quality—Occupied Units

[Numbers in thousands. **Consistent with 1985 to 1989 reports.** ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics				
							Physical problems						
			Owner	Renter	New construction 4 yrs	Mobile homes	Severe	Moderate	Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level
1	**Total**	**95 453**	**61 280**	**34 173**	**5 142**	**5 734**	**2 947**	**4 651**	**11 095**	**6 375**	**20 861**	**16 785**	**13 160**
	Condition Present as a Percent of Total[1]												
2	Street noise or traffic	33.18	28.63	41.35	19.27	26.96	39.95	46.82	41.22	35.84	33.83	34.66	39.82
3	Neighborhood crime	23.69	19.79	30.68	14.93	15.13	30.38	33.40	37.55	27.43	19.09	22.34	27.89
4	Any condition(s)	43.71	38.78	52.54	28.43	33.91	49.14	57.20	55.05	46.44	42.35	44.02	49.65
5	Both conditions present	13.16	9.64	19.49	5.77	8.19	21.19	23.02	23.72	16.82	10.57	12.98	18.07
6	No conditions present	55.53	60.34	46.90	71.36	65.86	50.03	41.94	44.00	53.11	56.62	55.68	48.46
7	Not reported	.76	.88	.56	.20	.43	.83	.86	.95	.45	1.03	.30	1.89
	Condition Bothersome as a Percent of Total[1]												
8	Street noise or traffic	16.35	14.07	20.45	9.36	11.85	20.59	24.90	21.04	19.33	12.17	16.87	19.19
9	Neighborhood crime	16.93	14.07	22.04	11.45	10.08	23.30	24.43	27.55	19.88	11.58	15.87	20.71
10	Unsatisfactory neighborhood shopping	15.74	17.87	11.94	16.15	31.50	18.56	21.39	17.19	12.07	17.93	12.56	19.61
11	Unsatisfactory public elementary school	2.78	2.79	2.76	3.75	2.52	3.48	4.89	3.16	3.94	.19	2.78	3.08
12	Unsatisfactory public transportation	3.23	2.92	3.78	2.32	.97	3.54	4.34	4.22	4.31	2.05	3.18	3.03
13	Any condition(s)	41.39	40.27	43.41	34.56	44.77	47.07	53.83	49.17	42.94	36.00	38.73	46.41
14	Two or more conditions	11.34	9.65	14.35	7.27	9.50	18.04	20.01	18.71	13.37	6.97	10.46	15.63
	Conditions so Objectionable Household Wants to Move as a Percent of Total[1]												
15	Street noise or traffic	6.01	4.63	8.50	2.55	4.98	9.78	11.90	10.71	7.57	3.14	6.16	8.50
16	Neighborhood crime	6.42	4.03	10.69	2.62	4.27	12.69	13.97	14.67	10.48	2.98	6.68	11.51
17	Unsatisfactory public elementary school	1.21	1.05	1.48	1.26	1.25	1.57	2.63	1.77	2.08	.09	1.45	1.77
18	Any condition(s)	10.20	7.56	14.94	5.46	8.20	15.81	19.35	18.44	14.48	4.89	10.75	15.04
19	Two or more conditions	3.22	2.01	5.38	.85	2.22	7.83	8.50	8.03	5.12	1.30	3.32	6.36
	Incomplete Reporting as a Percent of Total[1]												
20	Street noise or traffic	.81	.93	.60	.32	.55	.98	.86	.99	.49	1.11	.32	1.96
21	Neighborhood crime	1.07	1.11	1.01	.29	.90	1.39	1.28	1.41	.78	1.41	.78	2.46
	Public Elementary School as a Percent of Total												
22	Households with any children aged 0-16	35.80	35.13	37.00	45.80	38.71	35.09	44.13	45.90	53.44	3.63	41.62	44.20
23	Satisfactory public elementary school	28.73	28.85	28.51	36.98	33.31	27.87	34.78	37.06	43.59	2.46	31.47	35.04
24	Unsatisfactory public elementary school	2.78	2.79	2.76	3.75	2.52	3.48	4.89	3.16	3.94	.19	2.78	3.08
25	So bothered they want to move	1.21	1.05	1.48	1.26	1.25	1.57	2.63	1.77	2.08	.09	1.45	1.77
26	Not reported	.10	.06	.16	.35	.19	.11	.24	.15	.22	-	.19	.13
27	Not reported or don't know	4.29	3.49	5.73	5.06	2.88	3.74	4.47	5.69	5.91	.98	7.37	6.08
28	Public elementary school less than 1 mile	19.13	17.13	22.72	16.97	9.17	18.17	25.01	28.17	38.02	1.60	23.44	25.43
29	Public elementary school 1 mile or more	15.17	16.60	12.59	27.43	28.63	15.25	17.53	15.92	13.52	1.21	16.34	16.33
30	Not reported	1.50	1.40	1.68	1.40	.91	1.67	1.59	1.81	1.91	.82	1.84	2.44
31	Households without children aged 0-16	64.20	64.87	63.00	54.20	61.29	64.91	55.87	54.10	46.56	96.37	58.38	55.80
32	Households with children aged 4-16	29.51	29.99	28.65	34.87	30.93	28.71	38.18	39.02	45.09	3.04	30.05	36.56
33	Attend public school(K-12)	24.07	24.21	23.83	28.58	27.44	24.44	33.35	33.40	37.92	2.04	24.90	31.21
34	Attend private school (K-12)	3.34	4.10	2.00	3.97	.78	2.36	1.78	2.96	4.03	.31	2.04	1.49
35	Attend ungraded school, preschool, etc	.70	.61	.87	1.12	.60	.44	.79	.82	.50	.07	.99	.91
36	Does not attend school	.89	.73	1.19	1.09	1.38	.94	1.32	.80	1.45	.01	1.45	1.21
37	Not reported	1.15	1.15	1.15	1.10	.88	1.06	1.45	1.57	2.04	.64	1.07	2.18
	Public Transportation as a Percent of the Total												
38	With public transportation	53.89	45.86	68.28	36.20	21.05	55.18	51.14	71.45	73.08	51.52	60.65	55.26
39	Household uses it at least weekly	11.70	6.39	21.22	4.11	1.48	18.04	18.53	30.26	28.39	9.68	14.53	20.42
40	Satisfactory public transportation	10.72	5.79	19.58	3.69	1.29	16.43	16.30	27.72	26.67	9.15	13.13	18.82
41	Unsatisfactory public transportation	.94	.59	1.57	.42	.19	1.61	2.23	2.46	1.66	.52	1.37	1.56
42	Not reported	.03	.01	.07	-	-	-	-	.07	.06	.01	.03	.04
43	Household uses it less than weekly	20.16	18.66	22.85	10.93	7.20	19.94	16.89	23.77	21.95	19.85	18.90	18.58
44	Satisfactory public transportation	17.69	16.18	20.41	8.92	6.36	17.95	14.75	21.72	19.28	18.16	16.78	16.96
45	Unsatisfactory public transportation	2.23	2.28	2.15	1.89	.78	1.86	1.99	1.73	2.50	1.50	1.76	1.45
46	Not reported	.24	.20	.29	.12	.06	.13	.15	.32	.17	.20	.36	.17
47	Household does not use	21.74	20.59	23.81	21.12	12.12	16.77	15.32	16.96	22.09	21.77	26.87	15.87
48	Not reported	.29	.22	.41	.04	.25	.43	.40	.46	.65	.22	.35	.40
49	No public transportation	45.07	52.98	30.87	63.23	78.04	43.61	47.89	27.41	26.24	47.16	38.60	42.54
50	Not reported	1.05	1.16	.85	.57	.91	1.21	.97	1.14	.68	1.31	.74	2.19
	Neighborhood Shopping as a Percent of the Total												
51	Satisfactory neighborhood shopping	83.26	81.05	87.22	83.39	67.85	80.23	77.45	81.34	87.30	80.81	86.70	78.01
52	Less than 1 mile	64.23	58.25	74.95	51.48	35.82	61.14	60.74	68.22	75.74	62.52	70.54	62.56
53	1 mile or more	16.42	22.24	11.55	31.20	31.46	18.28	16.04	12.38	10.89	17.73	15.38	14.68
54	Not reported	.61	.56	.71	.70	.56	.81	.67	.74	.87	.56	.78	.77
55	Unsatisfactory neighborhood shopping	15.74	17.87	11.94	16.15	31.50	18.56	21.39	17.19	12.07	17.93	12.56	19.61
56	Not reported or don't know	1.00	1.08	.84	.46	.65	1.21	1.15	1.47	.62	1.26	.74	2.39

[1]Figures may not add to 100%, because more than one condition may apply to a unit or conditions are not reported.

Total occupied units	In (P)MSAs		Outside (P)MSAs	Urban		Rural				Regions				
	Central cities	Suburbs		Total	Outside (P)MSAs	Total	Suburbs	Outside (P)MSAs	Farm	Northeast	Midwest	South	West	
95 453	**30 453**	**44 071**	**20 929**	**70 233**	**7 660**	**25 219**	**12 046**	**13 068**	**1 669**	**19 647**	**23 229**	**32 831**	**19 746**	1
33.18	41.45	28.39	31.24	35.76	37.20	26.01	24.28	27.65	23.16	37.18	35.25	28.84	34.02	2
23.69	38.69	19.25	11.19	28.05	13.42	11.54	13.31	9.85	10.85	25.00	21.31	22.57	27.04	3
43.71	56.84	38.14	36.32	47.80	42.05	32.29	31.68	32.87	26.93	46.38	44.24	40.34	46.01	4
13.16	23.31	9.51	6.11	16.00	8.56	5.25	5.91	4.62	5.06	15.79	12.31	11.06	15.05	5
55.53	42.28	61.13	63.01	51.37	57.23	67.11	67.78	66.49	69.98	52.87	55.01	58.80	53.34	6
.76	.88	.73	.67	.82	.73	.60	.54	.64	1.09	.75	.75	.85	.66	7
16.35	22.12	14.13	12.65	16.35	16.55	10.79	11.35	10.30	8.83	19.78	15.71	13.18	18.96	8
16.93	28.51	13.33	7.64	20.23	9.51	7.72	9.01	6.51	7.49	18.45	14.52	16.06	19.68	9
15.74	9.67	13.64	29.02	9.01	12.78	34.51	29.99	38.79	43.83	13.28	17.52	17.74	12.78	10
2.78	3.64	2.43	2.26	2.87	1.83	2.54	2.57	2.52	2.64	3.20	2.43	2.53	3.20	11
3.23	4.46	3.61	.65	4.14	1.21	.89	1.11	.31	.17	4.03	2.58	1.98	5.29	12
41.39	46.88	38.93	42.80	39.59	33.06	46.41	44.07	48.67	54.10	42.83	40.03	40.08	43.73	13
11.34	17.43	8.67	8.07	12.34	7.45	8.53	8.62	8.45	7.87	12.76	10.46	9.84	13.44	14
6.01	9.45	4.85	3.45	7.18	5.21	2.76	3.17	2.40	1.88	7.31	5.62	4.91	7.01	15
6.42	12.62	4.14	2.18	8.18	3.51	1.50	1.64	1.37	.44	7.81	5.47	5.68	7.37	16
1.21	1.89	.95	.74	1.33	.71	.86	.96	.76	.46	1.46	1.31	1.00	1.17	17
10.20	16.96	7.90	5.23	12.28	7.39	4.40	4.92	3.93	2.70	11.90	9.30	8.90	11.73	18
3.22	6.52	1.94	1.09	4.13	1.94	.68	.79	.58	.08	4.33	2.83	2.58	3.63	19
.81	.92	.77	.74	.87	.79	.65	.58	.71	1.09	.77	.85	.87	.71	20
1.07	1.34	.96	.92	1.16	.99	.83	.79	.87	1.18	1.02	1.14	1.12	.97	21
35.80	34.04	36.91	36.03	34.87	33.83	38.38	39.53	37.35	35.59	33.73	35.37	36.21	37.68	22
28.73	25.26	30.09	30.91	27.28	28.74	32.77	33.42	32.21	29.82	26.50	28.89	29.53	29.43	23
2.78	3.64	2.43	2.26	2.87	1.83	2.54	2.57	2.52	2.64	3.20	2.43	2.53	3.20	24
1.21	1.89	.95	.74	1.33	.71	.86	.96	.76	.46	1.46	1.31	1.00	1.17	25
.10	.13	.07	.10	.13	.23	.02	.03	.02	–	.14	.10	.04	.14	26
4.29	5.14	4.38	2.86	4.73	3.25	3.06	3.54	2.62	3.13	4.03	4.05	4.16	5.04	27
19.13	23.73	18.76	13.25	22.67	21.80	9.29	10.41	8.23	3.57	18.72	18.75	16.45	24.47	28
15.17	8.65	16.70	21.41	10.61	10.74	27.85	27.94	27.83	30.82	13.73	15.01	18.34	11.51	29
1.50	1.67	1.45	1.37	1.59	1.50	1.24	1.18	1.30	1.19	1.28	1.62	1.43	1.70	30
64.20	65.96	63.09	63.97	65.13	66.17	61.62	60.47	62.65	64.41	66.27	64.63	63.79	62.32	31
29.51	27.57	30.43	30.41	28.49	27.80	32.36	32.82	31.98	30.88	27.65	29.05	29.93	31.23	32
24.07	21.68	24.69	26.27	22.67	23.53	28.00	28.12	27.92	26.10	21.65	23.63	25.16	25.21	33
3.34	4.01	3.66	1.71	3.71	1.63	2.31	2.93	1.76	2.41	4.51	3.41	2.49	3.53	34
.70	.56	.77	.76	.74	1.06	.60	.64	.58	.46	.73	.71	.68	.71	35
.89	.89	.93	.82	.88	.58	.94	.91	.97	1.18	.68	.96	.88	1.04	36
1.15	1.14	1.12	1.22	1.20	1.40	1.01	.88	1.12	.91	.99	.98	1.21	1.40	37
53.89	83.78	50.18	18.19	69.04	31.28	11.70	13.05	10.31	6.08	65.35	51.91	38.94	69.64	38
11.70	25.80	6.75	1.60	15.60	3.13	.84	1.00	.68	.28	22.33	9.28	6.66	12.36	39
10.72	23.89	6.01	1.49	14.30	2.90	.76	.87	.64	.28	20.49	8.46	6.08	11.38	40
.94	1.83	.73	.10	1.26	.23	.08	.13	.03	–	1.78	.76	.56	.97	41
.03	.06	.01	.01	.04	–	.01	–	.01	–	.06	.05	.01	.01	42
20.16	29.83	19.86	6.73	25.89	12.03	4.22	4.96	3.53	2.43	21.73	20.67	14.44	27.52	43
17.69	27.05	16.78	6.01	22.79	10.81	3.51	3.92	3.13	1.98	19.35	18.57	12.86	23.06	44
2.23	2.52	2.84	.54	2.82	.98	.60	.96	.27	.17	2.14	1.78	1.37	4.28	45
.24	.27	.24	.18	.28	.25	.11	.08	.13	.28	.24	.32	.21	.18	46
21.74	27.63	23.39	9.69	27.20	15.90	6.54	7.04	5.95	3.30	20.93	21.65	17.54	29.63	47
.29	.52	.17	.17	.35	.21	.10	.04	.15	.07	.36	.31	.31	.14	48
45.07	15.11	48.74	80.91	29.86	67.77	87.42	86.05	88.82	92.65	33.64	47.14	59.84	29.43	49
1.05	1.11	1.07	.90	1.11	.96	.88	.90	.87	1.27	1.01	.95	1.22	.93	50
83.26	89.26	85.38	70.07	89.97	88.32	64.58	69.11	60.29	54.55	85.68	81.55	81.17	86.34	51
64.23	78.67	62.77	46.28	76.63	75.22	29.68	30.50	28.87	9.78	68.55	63.93	58.28	70.17	52
18.42	10.04	22.11	22.83	12.73	9.79	34.25	38.10	30.67	43.65	16.54	16.98	22.33	15.45	53
.61	.54	.50	.96	.60	1.32	.64	.51	.75	1.12	.59	.63	.56	.71	54
15.74	9.67	13.64	29.02	9.01	12.78	34.51	29.99	38.79	43.83	13.28	17.52	17.74	12.78	55
1.00	1.07	.98	.91	1.03	.89	.91	.89	.92	1.62	1.04	.93	1.09	.88	56

Table 5. Journey to Work—Occupied Units

[Numbers in thousands. Consistent with 1985 to 1989 reports. ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics				
							Physical problems						
			Owner	Renter	New construction 4 yrs	Mobile homes	Severe	Moderate	Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level
1	**All workers**[1]	**107 379**	**73 194**	**34 185**	**6 997**	**5 826**	**2 877**	**4 366**	**10 516**	**7 769**	**5 718**	**19 805**	**6 017**
	Principal Means of Transportation to Work Last Week												
2	Drives self	81 877	58 800	23 076	5 772	4 553	1 958	2 948	6 873	4 795	4 124	14 349	3 675
3	Carpool	12 866	7 879	4 987	803	957	366	751	1 656	1 577	597	2 914	982
4	2 person	9 878	6 062	3 816	589	706	262	553	1 160	1 106	492	2 172	701
5	3 person	1 801	1 061	740	115	157	65	131	342	276	58	471	167
6	4+ person	1 186	756	430	99	95	40	67	154	195	47	271	114
7	Mass transportation	5 101	2 058	3 043	138	35	248	268	1 452	802	305	1 143	453
8	Taxicab	90	40	50	-	-	4	12	32	7	9	19	7
9	Bicycle or motorcycle	759	385	375	15	28	20	35	30	70	17	203	94
10	Walks only	3 535	1 564	1 971	71	140	149	221	362	393	312	828	468
11	Other means	366	264	102	25	9	11	10	29	19	13	53	20
12	Works at home	2 785	2 204	581	174	104	121	122	83	106	340	295	317
	Travel Time from Home to Work												
13	Less than 15 minutes	37 941	25 267	12 673	2 095	1 871	897	1 508	3 099	2 664	2 017	6 986	2 316
14	15 to 29 minutes	38 334	24 674	11 661	2 322	2 143	970	1 438	3 837	2 578	1 817	7 053	1 785
15	30 to 44 minutes	15 187	10 573	4 614	1 172	745	432	660	1 738	1 219	764	2 823	754
16	45 to 59 minutes	5 548	3 984	1 563	514	417	132	204	615	394	238	867	197
17	1 hour to 1 hour and 29 minutes	3 622	2 422	1 200	285	206	125	160	544	326	144	683	160
18	1 hour 30 minutes or more	1 438	985	453	124	58	56	60	204	134	78	308	86
19	Works at home	2 785	2 204	581	174	104	121	122	83	106	340	295	317
20	No fixed place of work	4 524	3 084	1 440	311	282	145	215	396	348	320	790	401
21	**Median**	**19**	**20**	**19**	**22**	**20**	**21**	**20**	**22**	**20**	**19**	**20**	**17**
	Distance from Home to Work												
22	Less than 1 mile	7 215	4 172	3 043	224	357	239	382	649	675	590	1 348	702
23	1 to 4 miles	23 287	15 013	8 274	1 094	892	550	1 066	2 470	1 892	1 398	4 335	1 567
24	5 to 9 miles	23 095	15 454	7 641	1 352	1 173	625	810	2 388	1 638	1 202	4 462	1 033
25	10 to 19 miles	27 219	18 998	8 220	2 002	1 671	684	1 049	2 834	1 833	1 109	5 058	1 238
26	20 to 29 miles	10 902	7 909	2 993	964	656	288	413	1 070	784	439	2 045	464
27	30 to 49 miles	6 338	4 814	1 524	671	527	168	214	483	400	245	1 078	219
28	50 miles or more	2 014	1 546	469	205	164	57	95	144	113	75	394	74
29	Works at home	2 785	2 204	581	174	104	121	122	83	106	340	295	317
30	No fixed place of work	4 524	3 084	1 440	311	282	145	215	396	348	320	790	401
31	**Median**	**9**	**10**	**8**	**13**	**12**	**9**	**8**	**9**	**8**	**7**	**9**	**7**
	Departure Time to Work												
32	12:00 a.m. to 2:59 a.m.	402	241	161	12	14	6	18	54	44	22	99	25
33	3:00 a.m. to 5:59 a.m.	8 018	5 488	2 530	533	649	267	425	857	667	311	1 476	432
34	6:00 a.m. to 6:59 a.m.	18 769	13 200	5 569	1 241	1 302	522	790	1 945	1 497	802	3 206	852
35	7:00 a.m. to 7:29 a.m.	14 106	9 838	4 268	1 007	633	347	565	1 344	1 030	577	2 498	601
36	7:30 a.m. to 7:59 a.m.	15 046	10 545	4 501	965	637	347	550	1 340	974	740	2 750	578
37	8:00 a.m. to 8:29 a.m.	9 830	6 727	3 103	610	333	241	283	766	652	514	1 694	496
38	8:30 a.m. to 8:59 a.m.	5 180	3 528	1 653	316	225	114	140	340	288	385	898	277
39	9:00 a.m. to 9:59 a.m.	4 409	2 853	1 556	268	172	136	202	380	364	367	885	286
40	10:00 a.m. to 3:59 p.m.	8 740	5 350	3 391	521	564	271	421	1 076	696	511	1 922	675
41	4:00 p.m. to 11:59 p.m.	5 678	3 454	2 223	373	368	134	254	764	480	229	1 337	466
42	Not reported	17 200	11 970	5 229	1 152	929	492	718	1 650	1 079	1 260	3 061	1 331
43	**Householders who worked last week**[2]	**60 001**	**38 331**	**21 669**	**3 963**	**3 403**	**1 699**	**2 462**	**6 240**	**4 143**	**2 192**	**12 227**	**3 983**
	Principal Means of Transportation to Work Last Week												
44	Drives self	46 429	31 355	15 074	3 276	2 632	1 160	1 680	4 242	2 700	1 564	9 041	2 497
45	Carpool	6 419	3 723	2 696	467	558	202	389	875	716	174	1 601	561
46	2 person	4 796	2 738	2 058	316	399	138	268	597	500	153	1 172	390
47	3 person	957	546	410	84	88	44	79	195	114	10	268	105
48	4+ person	666	438	228	67	72	20	41	83	102	11	161	66
49	Mass transportation	2 795	958	1 837	52	14	146	142	800	384	89	657	278
50	Taxicab	65	26	39	-	-	4	9	19	5	2	14	7
51	Bicycle or motorcycle	487	219	249	8	23	14	22	21	39	6	148	72
52	Walks only	2 052	741	1 311	40	102	107	137	217	233	160	548	329
53	Other means	204	138	65	18	4	3	7	8	8	4	27	12
54	Works at home	1 570	1 171	398	102	70	63	76	58	57	193	191	227
	Travel Time from Home to Work												
55	Less than 15 minutes	19 990	11 891	8 099	1 035	1 045	526	839	1 865	1 369	868	4 285	1 541
56	15 to 29 minutes	20 628	13 157	7 471	1 357	1 250	573	809	2 360	1 404	606	4 378	1 164
57	30 to 44 minutes	8 781	5 969	2 812	711	430	260	368	967	673	232	1 726	512
58	45 to 59 minutes	3 405	2 373	1 032	327	265	87	126	357	233	56	583	136
59	1 hour to 1 hour and 29 minutes	2 236	1 503	733	186	135	77	91	310	172	43	410	106
60	1 hour 30 minutes or more	894	589	305	78	35	33	46	106	82	26	202	64
61	Works at home	1 570	1 171	398	102	70	63	76	58	57	193	191	227
62	No fixed place of work	2 497	1 677	819	168	174	79	107	217	153	167	452	234
63	**Median**	**20**	**21**	**19**	**23**	**21**	**21**	**20**	**22**	**21**	**16**	**20**	**17**
	Distance from Home to Work												
64	Less than 1 mile	3 989	1 961	2 029	111	226	175	223	380	383	281	890	509
65	1 to 4 miles	12 242	7 017	5 225	580	504	330	584	1 408	986	577	2 652	1 004
66	5 to 9 miles	12 536	7 614	4 921	694	639	321	470	1 500	831	399	2 752	673
67	10 to 19 miles	15 403	10 256	5 147	1 161	975	406	575	1 684	1 005	360	3 114	835
68	20 to 29 miles	6 299	4 514	1 786	562	357	169	228	579	417	127	1 182	287
69	30 to 49 miles	4 056	3 055	1 001	436	327	116	138	316	247	66	708	164
70	50 miles or more	1 409	1 065	344	149	132	41	64	97	85	23	286	51
71	Works at home	1 570	1 171	398	102	70	63	76	58	57	193	191	227
72	No fixed place of work	2 497	1 677	819	168	174	79	107	217	153	167	452	234
73	**Median**	**10**	**11**	**8**	**14**	**12**	**9**	**9**	**9**	**9**	**6**	**9**	**7**

Total occupied units	In (P)MSAs		Outside (P)MSAs	Urban		Rural				Regions				
	Central cities	Suburbs		Total	Outside (P)MSAs	Total	Suburbs	Outside (P)MSAs	Farm	Northeast	Midwest	South	West	
107 379	**31 784**	**53 616**	**21 999**	**78 146**	**7 825**	**29 233**	**14 932**	**14 174**	**1 922**	**21 785**	**26 439**	**36 361**	**22 794**	**1**
81 877	21 760	43 220	16 896	58 642	6 060	23 235	12 293	10 837	1 194	15 339	20 662	28 937	16 938	2
12 866	3 963	5 960	2 942	9 213	1 016	3 653	1 713	1 926	152	2 255	2 842	4 643	3 126	3
9 878	3 057	4 668	2 154	7 143	745	2 735	1 316	1 409	106	1 780	2 281	3 484	2 333	4
1 801	583	740	478	1 242	168	559	247	310	22	292	355	702	452	5
1 186	323	552	311	828	104	359	150	207	24	183	205	457	341	6
5 101	3 400	1 590	111	4 928	53	173	112	58	12	2 482	886	885	848	7
90	54	19	17	86	16	3	2	2	2	37	19	28	6	8
759	330	274	156	662	106	97	48	49	6	88	181	172	320	9
3 535	1 531	1 103	902	2 733	377	802	276	524	136	1 042	939	829	725	10
368	120	182	65	264	18	102	52	47	13	64	70	124	109	11
2 785	608	1 268	910	1 618	179	1 168	435	731	407	479	842	743	722	12
37 941	11 060	16 630	10 250	28 657	4 913	9 284	3 923	5 337	631	7 312	10 403	12 511	7 714	13
36 334	11 481	18 980	5 873	26 638	1 531	9 696	5 310	4 342	482	6 761	8 803	13 093	7 677	14
15 187	4 336	8 609	2 242	10 787	525	4 400	2 652	1 717	185	3 322	3 359	5 221	3 285	15
5 548	1 410	3 183	954	3 671	199	1 876	1 113	755	78	1 416	1 106	1 782	1 244	16
3 622	1 144	1 900	578	2 598	140	1 024	582	438	34	1 186	629	1 031	776	17
1 438	404	719	315	987	85	451	212	230	25	489	249	336	363	18
2 785	608	1 268	910	1 618	179	1 168	435	731	407	479	842	743	722	19
4 524	1 322	2 326	876	3 189	253	1 335	703	624	81	821	1 048	1 643	1 013	20
19	**20**	**21**	**15-**	**19**	**15-**	**21**	**23**	**18**	**17**	**21**	**18**	**20**	**20**	**21**
7 215	2 190	2 463	2 561	5 298	1 241	1 917	595	1 322	231	1 700	2 122	2 093	1 299	22
23 287	8 363	9 400	5 523	19 315	3 238	3 972	1 678	2 286	217	4 937	6 232	7 294	4 824	23
23 095	7 874	11 312	3 909	17 606	1 147	5 488	2 700	2 763	298	4 483	5 569	8 163	4 879	24
27 219	7 589	15 447	4 182	19 260	857	7 958	4 587	3 325	371	5 258	6 416	9 729	5 816	25
10 902	2 412	6 679	1 810	7 096	364	3 806	2 338	1 448	169	2 286	2 415	3 839	2 361	26
6 338	1 052	3 719	1 568	3 649	377	2 689	1 491	1 190	106	1 338	1 397	2 220	1 385	27
2 014	354	1 001	660	1 115	189	899	404	490	43	485	398	636	495	28
2 785	608	1 268	910	1 618	179	1 168	435	731	407	479	842	743	722	29
4 524	1 322	2 326	876	3 189	253	1 335	703	624	81	821	1 048	1 643	1 013	30
9	**8**	**11**	**8**	**8**	**4**	**12**	**14**	**10**	**10**	**9**	**9**	**10**	**10**	**31**
402	149	163	90	310	49	92	51	41	6	91	105	129	77	32
8 018	2 066	4 181	1 770	5 403	529	2 615	1 358	1 242	133	1 307	2 042	2 639	2 031	33
18 769	4 847	9 656	4 266	12 794	1 326	5 975	3 025	2 940	312	3 538	4 559	6 610	4 062	34
14 106	4 153	7 362	2 592	10 253	905	3 853	2 141	1 687	272	2 798	3 371	5 028	2 910	35
15 046	4 438	7 379	3 229	11 015	1 189	4 032	1 979	2 040	250	3 070	3 835	5 267	2 874	36
9 830	3 048	5 029	1 753	7 647	708	2 183	1 126	1 045	124	2 340	2 245	3 176	2 068	37
5 180	1 724	2 584	872	4 096	361	1 085	572	511	47	1 405	1 170	1 584	1 021	38
4 409	1 530	2 179	700	3 558	319	851	464	381	32	1 015	968	1 361	1 065	39
8 740	2 876	3 992	1 873	6 634	840	2 106	1 060	1 033	72	1 728	2 367	2 831	1 814	40
5 678	1 793	2 591	1 294	4 174	535	1 504	740	759	66	1 004	1 673	1 931	1 070	41
17 200	5 139	8 500	3 560	12 263	1 065	4 937	2 417	2 495	609	3 488	4 104	5 804	3 803	42
60 001	**18 387**	**29 305**	**12 308**	**44 062**	**4 519**	**15 939**	**8 080**	**7 788**	**1 086**	**11 931**	**14 771**	**20 619**	**12 680**	**43**
46 429	13 021	24 001	9 406	33 807	3 515	12 622	6 675	5 891	601	8 449	11 730	16 564	9 686	44
6 419	1 894	2 917	1 608	4 503	574	1 915	873	1 033	81	1 075	1 406	2 425	1 513	45
4 796	1 463	2 201	1 132	3 398	391	1 398	650	742	59	805	1 099	1 796	1 097	46
957	292	408	257	670	102	287	130	155	11	165	198	365	228	47
666	140	308	218	435	81	231	93	137	11	105	110	263	187	48
2 795	1 873	872	49	2 717	30	78	59	19	7	1 410	498	476	411	49
65	39	13	13	63	13	2	2	–	2	24	17	18	6	50
467	200	164	104	406	73	62	31	31	2	39	100	119	209	51
2 052	933	569	550	1 576	227	476	152	323	97	619	509	509	415	52
204	65	99	40	142	7	62	28	33	4	38	40	63	62	53
1 570	361	671	538	849	80	721	261	459	291	277	470	445	378	54
19 990	6 190	8 220	5 581	15 265	2 778	4 725	1 916	2 803	353	3 681	5 420	6 733	4 156	55
20 628	6 894	10 530	3 204	15 523	900	5 106	2 776	2 304	221	3 735	5 155	7 444	4 294	56
8 781	2 495	5 013	1 273	6 260	326	2 522	1 551	947	94	1 885	1 949	3 096	1 851	57
3 405	818	1 977	610	2 246	140	1 159	685	470	41	840	670	1 114	781	58
2 236	651	1 198	386	1 576	90	660	362	296	20	755	391	617	473	59
894	244	415	236	597	76	297	132	160	21	299	161	210	225	60
1 570	361	671	538	849	80	721	261	459	291	277	470	445	378	61
2 497	735	1 283	479	1 748	130	749	397	349	45	460	554	960	523	62
20	**20**	**22**	**15-**	**20**	**15-**	**22**	**24**	**19**	**16**	**22**	**19**	**20**	**21**	**63**
3 989	1 286	1 239	1 465	2 862	666	1 127	327	799	165	958	1 117	1 194	720	64
12 242	4 628	4 606	3 008	10 284	1 843	1 958	792	1 164	118	2 495	3 281	3 886	2 560	65
12 536	4 577	5 913	2 046	9 799	672	2 737	1 351	1 374	119	2 301	3 127	4 512	2 596	66
15 403	4 519	8 598	2 286	11 205	513	4 198	2 400	1 773	184	2 935	3 614	5 556	3 297	67
6 299	1 378	3 924	998	4 180	228	2 119	1 332	770	74	1 305	1 450	2 179	1 366	68
4 056	654	2 396	1 006	2 362	260	1 694	944	746	58	878	880	1 427	870	69
1 409	251	676	481	774	127	635	277	355	31	322	277	459	351	70
1 570	361	671	538	849	80	721	261	459	291	277	470	445	378	71
2 497	735	1 283	479	1 748	130	749	397	349	45	460	554	960	523	72
10	**8**	**12**	**8**	**9**	**4**	**13**	**15**	**11**	**9**	**10**	**9**	**10**	**10**	**73**

Table 5. **Journey to Work—Occupied Units**—Con.

[Numbers in thousands. **Consistent with 1985 to 1989 reports.** ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics				
							Physical problems						
			Owner	Renter	New construction 4 yrs	Mobile homes	Severe	Moderate	Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level
	Departure Time to Work												
1	12:00 a.m. to 2:59 a.m.	279	160	119	5	12	4	8	48	25	9	71	18
2	3:00 a.m. to 5:59 a.m.	5 545	3 746	1 799	388	467	179	293	584	437	95	1 018	310
3	6:00 a.m. to 6:59 a.m.	12 111	8 287	3 824	793	829	323	467	1 335	905	244	2 248	617
4	7:00 a.m. to 7:29 a.m.	8 403	5 622	2 781	632	383	202	322	713	600	198	1 632	415
5	7:30 a.m. to 7:59 a.m.	8 323	5 373	2 950	560	316	176	298	802	489	281	1 749	423
6	8:00 a.m. to 8:29 a.m.	5 331	3 322	2 010	320	197	161	172	446	348	232	1 074	333
7	8:30 a.m. to 8:59 a.m.	2 546	1 581	965	168	106	70	64	183	145	172	501	178
8	9:00 a.m. to 9:59 a.m.	2 175	1 234	941	117	71	99	99	222	169	161	448	188
9	10:00 a.m. to 3:59 p.m.	3 995	2 098	1 897	214	291	138	224	599	319	203	1 002	392
10	4:00 p.m. to 11:59 p.m.	2 540	1 300	1 240	203	211	76	133	392	204	48	746	247
11	Not reported	8 753	5 610	3 143	562	520	273	382	916	502	547	1 737	883

[1]Limited to those persons 14 years and older who reported having a job the week prior to interview within the United States.
[2]Limited to householders who reported having a job the week prior to interview within the United States.

Total occupied units	In (P)MSAs		Outside (P)MSAs	Urban		Rural				Regions				
	Central cities	Suburbs		Total	Outside (P)MSAs	Total	Suburbs	Outside (P)MSAs	Farm	Northeast	Midwest	South	West	
279	99	119	61	207	31	72	42	30	4	55	71	99	54	1
5 545	1 371	2 956	1 217	3 715	376	1 829	972	841	91	945	1 409	1 848	1 343	2
12 111	3 234	6 100	2 777	8 346	923	3 764	1 902	1 854	187	2 235	3 008	4 250	2 618	3
8 403	2 494	4 306	1 603	6 157	580	2 247	1 209	1 023	167	1 717	1 988	2 984	1 714	4
8 323	2 621	3 977	1 725	6 238	661	2 085	1 014	1 064	116	1 658	2 160	2 875	1 630	5
5 331	1 768	2 704	859	4 274	372	1 057	564	487	58	1 241	1 187	1 716	1 187	6
2 546	929	1 238	379	2 063	162	483	265	217	5	697	527	835	486	7
2 175	873	988	315	1 832	168	343	197	146	19	488	463	695	529	8
3 995	1 453	1 682	860	3 113	402	882	419	458	18	782	1 093	1 379	761	9
2 540	817	1 098	625	1 881	282	659	314	343	38	409	756	897	477	10
8 753	2 729	4 137	1 887	6 236	562	2 517	1 181	1 325	382	1 723	2 108	3 041	1 880	11

Table 6. Additional Residential Units—Occupied Units

[Numbers in thousands. Consistent with 1985 to 1989 reports. ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics				
							Physical problems						
			Owner	Renter	New construction 4 yrs	Mobile homes	Severe	Moderate	Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level
1	**Total**	**95 453**	**61 280**	**34 173**	**5 142**	**5 734**	**2 947**	**4 651**	**11 095**	**6 375**	**20 861**	**16 785**	**13 160**
	Households Owning Additional Residential Housing Units												
2	Owning additional units	9 905	8 279	1 626	606	438	278	301	625	472	2 153	1 407	555
3	1 additional unit	7 137	5 796	1 341	429	384	228	238	456	343	1 547	1 102	434
4	2 additional units	1 422	1 238	184	97	43	22	45	60	78	312	180	62
5	3 or more additional units	1 307	1 218	89	78	11	25	14	106	49	281	120	52
6	Not reported	39	28	12	2	-	2	4	3	2	12	5	6
7	Not owning additional units	84 660	52 344	32 315	4 502	5 267	2 649	4 301	10 342	5 860	18 454	15 301	12 339
8	Not reported	888	656	232	33	29	20	49	128	43	255	76	266
	Reasons for Ownership[1] [2]												
9	Owning additional units	9 905	8 279	1 626	606	438	278	301	625	472	2 153	1 407	555
10	Previous usual residence	4 648	3 404	1 244	404	256	150	182	414	295	845	1 214	327
11	Used for recreational purposes	1 912	1 793	119	62	49	42	37	34	27	475	90	59
12	Investment purposes	5 149	4 725	424	292	98	105	103	317	218	957	403	213
13	Unable to sell property	666	524	142	59	22	20	8	13	19	70	169	30
14	Inherited property	1 188	1 012	176	41	38	26	49	108	49	321	110	92
15	Other reasons	1 717	1 435	282	59	104	74	37	94	77	520	187	131
16	Not reported	1 031	977	54	66	23	21	23	56	12	248	59	33
	CHARACTERISTICS OF VACATION HOMES												
17	**Total Households Owning a Vacation Home**[3]	**1 401**	**1 313**	**88**	**57**	**32**	**26**	**21**	**9**	**22**	**388**	**57**	**49**
	Type of Housing Unit												
18	Single family home	967	904	63	39	24	18	19	6	14	256	38	32
19	Unit in multiunit building	95	91	4	5	1	2	-	-	-	23	7	5
20	Mobile home	188	173	16	4	4	1	2	-	2	68	9	12
21	Other type	70	68	2	3	2	4	-	-	3	14	-	-
22	Not reported	80	77	4	6	-	-	-	3	2	27	3	-
	Suitability for Year-Round Use												
23	Built and heated for year-round use	1 048	972	77	48	25	23	14	9	22	268	51	37
24	Not suitable	347	338	10	11	7	2	7	-	-	121	6	13
25	Not reported	5	3	2	-	-	-	-	-	-	-	-	-
	Nights Spent at Unit												
26	3 nights or less	184	172	13	-	14	5	4	2	6	65	12	10
27	4 to 7 nights	63	59	4	4	1	1	-	3	7	17	2	6
28	8 to 28 nights	341	327	14	15	6	9	6	-	5	78	10	5
29	29 nights or more	806	748	58	38	10	10	8	2	2	229	33	28
30	Not reported	7	7	-	-	-	-	2	2	2	-	-	-
31	**Median**	**29+**	**29+**	**29+**	**29+**	...	...	...	...	...	**29+**	**29+**	...
	Value												
32	Less than $10,000	84	81	3	-	2	-	2	-	4	27	3	2
33	$10,000 to $19,999	114	103	11	2	9	4	2	5	2	31	6	5
34	$20,000 to $29,999	93	84	9	4	7	2	-	-	-	24	-	4
35	$30,000 to $39,999	110	103	7	2	7	-	-	-	-	39	5	2
36	$40,000 to $49,999	71	71	-	2	-	-	4	-	-	17	5	1
37	$50,000 to $59,999	82	78	4	10	2	-	2	-	-	15	5	3
38	$60,000 to $69,999	57	56	1	-	1	-	-	-	-	15	-	6
39	$70,000 to $79,999	97	95	2	3	-	1	-	-	-	24	-	-
40	$80,000 to $99,999	164	147	17	5	-	2	-	-	4	54	2	-
41	$100,000 to $119,999	62	61	2	4	-	-	-	-	-	10	2	10
42	$120,000 to $149,999	66	60	6	7	-	-	5	4	-	8	2	-
43	$150,000 to $199,999	88	81	7	5	-	2	-	-	2	33	8	2
44	$200,000 to $249,999	35	35	-	2	-	-	2	-	-	4	-	-
45	$250,000 to $299,999	34	32	2	2	-	2	-	-	2	8	2	3
46	$300,000 or more	59	55	4	2	-	1	-	-	3	16	2	-
47	Not reported	185	171	14	8	4	9	5	-	5	64	14	11
48	**Median**	**69 394**	**69 048**	**78 966**	**89 557**	...	...	...	...	...	**67 178**	**55 646**	...
	Mortgage Status												
49	With mortgage on property	468	420	48	25	5	4	6	7	7	29	23	18
50	Owned free and clear	922	881	41	31	27	19	14	2	13	359	31	32
51	Not reported	11	11	-	-	-	2	-	-	2	-	2	-
	Location												
52	Within 150 miles of current residence	834	796	38	28	24	13	12	6	8	225	37	35
53	150 miles or more from current residence	563	514	49	29	8	12	8	3	14	163	20	15
54	Not reported	4	2	2	-	-	-	-	-	-	-	-	-

Total occupied units	In (P)MSAs		Outside (P)MSAs	Urban		Rural				Regions				
	Central cities	Suburbs		Total	Outside (P)MSAs	Total	Suburbs	Outside (P)MSAs	Farm	Northeast	Midwest	South	West	
95 453	**30 453**	**44 071**	**20 929**	**70 233**	**7 860**	**25 219**	**12 046**	**13 068**	**1 669**	**19 647**	**23 229**	**32 831**	**19 746**	1
9 905	2 569	5 091	2 244	6 798	687	3 107	1 539	1 557	302	1 954	2 248	3 387	2 317	2
7 137	1 792	3 714	1 631	4 842	457	2 295	1 112	1 174	214	1 394	1 650	2 528	1 564	3
1 422	365	730	328	985	130	437	239	198	50	265	291	483	383	4
1 307	396	630	281	945	98	362	177	183	38	289	306	355	358	5
39	16	18	5	26	2	13	10	3	-	6	-	21	12	6
84 660	27 564	38 567	18 529	62 739	7 110	21 921	10 410	11 419	1 349	17 523	20 761	29 128	17 247	7
888	320	413	155	696	63	191	97	93	18	170	220	316	182	8
9 905	2 569	5 091	2 244	6 798	687	3 107	1 539	1 557	302	1 954	2 248	3 387	2 317	9
4 848	1 244	2 222	1 182	3 114	381	1 534	726	801	113	751	901	1 808	1 188	10
1 912	449	1 158	304	1 371	104	541	338	201	38	588	439	540	345	11
5 149	1 350	2 786	1 013	3 698	346	1 451	782	667	133	1 039	1 136	1 554	1 420	12
666	166	329	172	460	45	206	77	127	9	156	114	252	144	13
1 188	302	539	347	741	102	447	202	245	68	239	275	458	216	14
1 717	469	798	450	1 140	115	577	243	334	97	286	440	624	366	15
1 031	323	504	204	766	84	265	141	120	35	163	281	303	284	16
1 401	**319**	**870**	**213**	**1 017**	**78**	**384**	**246**	**135**	**30**	**449**	**348**	**372**	**234**	17
967	225	605	137	703	53	265	178	84	24	329	253	223	162	18
95	17	70	8	77	5	19	16	3	-	30	22	29	14	19
188	34	102	53	122	15	66	29	38	6	41	60	68	19	20
70	17	42	11	52	2	19	9	9	-	22	5	28	15	21
80	26	50	4	64	2	16	14	2	-	28	6	23	23	22
1 048	228	669	151	760	56	288	190	95	21	324	239	300	186	23
347	90	196	61	253	22	95	56	38	9	123	107	69	48	24
5	-	4	2	4	-	2	-	2	-	2	-	4	-	25
184	27	102	55	121	22	63	29	34	12	27	51	67	38	26
63	12	41	10	52	2	11	3	8	-	20	18	17	9	27
341	65	237	39	244	12	97	69	27	5	102	68	109	62	28
806	212	486	108	595	42	211	143	66	13	298	209	174	125	29
7	2	4	-	5	-	2	2	-	-	2	-	4	-	30
29+	29+	29+	29+	29+	29+	29+	29+	28	-	29+	29+	27	29+	31
84	19	39	26	54	4	30	9	21	4	18	27	27	11	32
114	19	66	29	76	9	38	18	19	2	19	37	41	16	33
93	21	47	24	58	7	34	17	18	4	31	28	22	13	34
110	38	53	19	86	4	24	10	15	5	24	34	38	15	35
71	10	49	12	52	9	19	16	3	-	22	20	15	14	36
82	13	55	14	45	4	38	27	10	4	17	25	29	12	37
57	14	39	4	42	-	16	11	4	-	18	17	15	8	38
97	29	61	7	78	-	18	11	7	2	25	36	16	20	39
164	39	107	18	135	13	29	24	5	-	67	23	38	36	40
62	20	41	1	41	-	21	18	1	-	24	14	12	13	41
66	13	45	8	48	2	18	12	6	5	30	3	22	12	42
88	20	59	8	64	2	23	16	6	2	35	11	23	18	43
35	16	17	2	32	2	3	3	-	-	15	2	9	9	44
34	6	24	4	26	4	8	8	-	-	14	7	7	6	45
59	9	48	1	42	-	17	16	1	-	38	6	2	12	46
185	32	120	33	140	17	45	27	17	3	52	56	57	20	47
69 394	**72 771**	**74 500**	**35 692**	**73 390**	**46 780**	**56 192**	**71 015**	**30 510**	**...**	**87 408**	**49 183**	**55 034**	**79 412**	48
468	119	309	40	348	11	120	90	29	3	176	85	119	89	49
922	197	552	173	660	67	262	154	106	26	269	261	249	143	50
11	2	9	-	9	-	2	2	-	-	4	-	5	2	51
834	212	478	143	609	54	224	134	89	17	251	207	232	144	52
583	106	387	70	404	24	160	112	46	13	198	137	138	90	53
4	-	4	-	4	-	-	-	-	-	-	2	2	-	54

Table 6. **Additional Residential Units—Occupied Units**—Con.

[Numbers in thousands. **Consistent with 1985 to 1989 reports.** ... means not applicable or sample too small. - means zero or rounds to zero.]

	Characteristics	Total occupied units	Tenure		Housing unit characteristics				Household characteristics				
					New construction 4 yrs	Mobile homes	Physical problems						
			Owner	Renter			Severe	Moderate	Black	Hispanic	Elderly (65+)	Moved in past year	Below poverty level
	CHARACTERISTICS OF INVESTMENT UNITS												
1	**Total investment Units**[4]	**4 847**	**4 441**	**405**	**274**	**88**	**87**	**96**	**306**	**212**	**911**	**390**	**211**
	Type of Property												
2	Single family home	2 668	2 423	245	170	54	58	45	182	124	525	227	128
3	Multiunit building	1 158	1 082	76	56	9	15	24	86	70	211	82	37
4	Unit in multiunit building	395	355	39	20	-	7	6	9	4	58	41	2
5	Mobile home	149	142	8	9	23	2	11	6	-	19	15	15
6	Other type	104	97	7	-	2	4	-	7	2	21	5	2
7	Not reported	373	342	31	19	-	2	10	16	12	77	21	27
	Shared Ownership												
8	Shared ownership with nonhousehold member	876	765	110	62	20	15	13	36	15	108	113	31
9	No shared ownership	3 971	3 676	295	212	69	71	83	270	197	803	277	180
10	Not reported	-	-	-	-	-	-	-	-	-	-	-	-
	Value[5]												
11	Less than $10,000	126	125	3	2	11	3	12	18	3	23	12	11
12	$10,000 to $19,999	329	305	25	14	9	3	4	37	10	61	19	19
13	$20,000 to $29,999	365	341	24	19	13	13	12	17	13	78	19	19
14	$30,000 to $39,999	406	370	37	10	18	2	2	32	11	79	28	19
15	$40,000 to $49,999	351	329	22	10	5	12	4	15	12	53	26	19
16	$50,000 to $59,999	348	296	52	20	10	4	7	34	10	82	27	11
17	$60,000 to $69,999	312	272	41	27	7	2	2	10	18	56	25	5
18	$70,000 to $79,999	235	222	13	26	-	2	6	13	11	38	14	13
19	$80,000 to $99,999	500	472	28	23	2	2	7	27	21	75	27	16
20	$100,000 to $119,999	202	174	28	20	3	7	3	8	9	27	30	10
21	$120,000 to $149,999	222	205	17	22	-	2	5	9	13	44	26	9
22	$150,000 to $199,999	227	206	22	17	2	5	7	3	15	30	27	4
23	$200,000 to $249,999	171	154	17	7	2	-	5	8	14	46	4	-
24	$250,000 to $299,999	84	76	8	5	-	2	-	3	8	6	12	3
25	$300,000 or more	199	185	14	15	-	7	2	11	11	30	12	2
26	Not reported	766	710	55	36	7	22	19	60	33	184	81	51
27	**Median**	**63 614**	**63 693**	**63 082**	**78 503**	**34 466**	**50 152**	**57 597**	**51 003**	**60 674**	**58 630**	**69 232**	**46 588**
	Mortgage Status												
28	With mortgage on unit (property)	2 995	2 722	273	221	54	44	41	181	129	275	282	105
29	Owned free and clear	1 810	1 677	132	53	35	43	49	125	83	635	108	105
30	Not reported	42	42	-	-	-	-	5	-	-	2	-	2
	Location												
31	Within 150 miles of current residence	4 067	3 814	254	212	63	73	74	271	178	769	271	191
32	150 miles or more from current residence	760	610	150	62	25	14	19	32	32	133	119	18
33	Not reported	19	17	2	-	-	-	2	2	2	10	-	2
	Nights Unit Rented												
34	7 nights or less	959	838	121	43	27	20	33	66	65	208	112	77
35	8 to 14 nights	6	3	3	-	-	2	2	-	1	-	1	-
36	15 to 28 nights	4	4	-	-	-	-	-	-	-	3	-	-
37	29 to 89 nights	106	97	9	2	4	7	-	2	7	17	8	-
38	90 nights or more	3 673	3 410	263	224	57	53	54	234	134	667	253	129
39	Not reported	99	89	9	5	-	5	6	4	5	17	16	5
40	**Median**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**

[1]Figures may not add to total because more than one category may apply to a unit or more than 1 additional property may be owned.
[2]Limited to a maximum of 6 additional units (or multiunit properties) owned by a household.
[3]Limited to households reporting owning a second home which is used for recreational purposes. Excludes multiunit buildings and units with ownership shared with nonhousehold member.
[4]Limited to a maximum of 6 additional units (or multiunit properties) owned by a household; excludes units also used for recreation.
[5]Limited to household's share.

Total occupied units	In (P)MSAs		Outside (P)MSAs	Urban		Rural				Regions				
	Central cities	Suburbs		Total	Outside (P)MSAs	Total	Suburbs	Outside (P)MSAs	Farm	Northeast	Midwest	South	West	
4 847	**1 288**	**2 589**	**970**	**3 477**	**331**	**1 370**	**729**	**639**	**133**	**938**	**1 093**	**1 464**	**1 351**	**1**
2 668	629	1 424	615	1 810	206	858	447	409	111	348	640	901	778	2
1 158	363	581	214	904	84	254	124	131	13	331	257	227	343	3
395	132	238	24	310	9	85	70	16	5	129	58	138	70	4
149	20	59	70	50	5	99	34	65	3	19	19	80	31	5
104	32	60	12	83	8	21	16	5	–	23	12	39	31	6
373	112	227	34	321	20	52	38	14	1	89	106	79	98	7
876	245	529	102	661	31	214	144	70	21	185	165	228	298	8
3 971	1 043	2 060	868	2 816	300	1 155	586	568	112	753	928	1 236	1 053	9
–	–	–	–	–	–	–	–	–	–	–	–	–	–	10
128	26	51	51	53	11	75	34	41	3	19	38	53	17	11
329	106	110	114	206	38	124	48	76	9	45	104	111	70	12
365	125	125	116	230	32	136	51	85	22	44	107	155	60	13
406	126	177	103	294	46	112	54	58	18	35	144	164	63	14
351	81	198	93	239	33	112	53	59	15	37	121	129	63	15
348	82	188	78	253	33	95	50	45	9	53	75	145	75	16
312	88	179	45	229	12	84	50	33	8	57	52	102	101	17
235	49	149	37	151	9	85	57	28	6	45	65	66	60	18
500	119	317	63	400	21	100	57	43	3	171	67	122	140	19
202	50	125	28	150	14	52	38	14	–	65	24	57	57	20
222	65	138	20	172	–	50	30	20	4	53	29	33	106	21
227	78	125	25	184	6	43	25	18	5	92	20	26	89	22
171	60	87	24	138	5	33	13	20	3	37	19	21	94	23
84	23	54	8	69	2	16	10	6	–	18	5	19	42	24
199	52	140	7	174	–	24	18	7	6	37	10	22	130	25
766	180	427	158	535	71	230	142	87	21	130	216	237	182	26
63 614	**63 338**	**73 591**	**42 315**	**68 591**	**41 277**	**51 178**	**60 740**	**42 900**	**42 755**	**88 041**	**43 815**	**50 059**	**90 701**	**27**
2 995	790	1 718	487	2 235	169	761	442	318	46	606	620	832	937	28
1 810	479	854	477	1 204	158	606	286	319	84	330	449	630	400	29
42	19	16	6	38	5	3	2	2	3	3	24	2	14	30
4 067	1 086	2 113	869	2 886	296	1 182	607	574	118	775	964	1 229	1 099	31
760	194	469	98	578	36	182	120	62	15	161	128	221	250	32
19	9	7	3	13	–	6	3	3	–	2	1	13	2	33
959	278	476	206	681	52	278	124	154	36	173	198	355	232	34
6	2	–	4	2	–	4	–	4	–	3	1	2	–	35
4	3	1	–	3	–	1	1	–	–	1	–	–	3	36
106	26	60	19	83	9	23	13	10	2	44	15	24	23	37
3 673	942	2 002	728	2 632	263	1 040	573	466	94	694	861	1 058	1 060	38
99	37	49	12	76	8	23	18	5	1	23	17	25	34	39
90+	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**90+**	**40**

HISTORICAL CHANGES

Comparison of the 1989 Survey with the 1985 and 1987 American Housing Surveys. The concepts, definitions, data collection, and processing procedures are essentially the same for the 1985 through 1989 American Housing Surveys National Samples.

Severe and moderate problems. The data concerning units with severe and moderate problems in 1989 are not entirely comparable with similar data published in 1985 and 1987. Units lacking complete plumbing facilities are included in the count of units with severe physical problems. Data on plumbing facilities in 1985 and 1987 were deficient because of the design of the questionnaire. As a result, the number of units with severe problems was underestimated in 1985 and 1987, and the number of units with moderate problems was overestimated. These deficiencies were corrected in the 1989 questionnaire. For additional discussion, see the paragraphs on "Plumbing Facilities" under the section "Comparison of the 1985 through 1987 American Housing Surveys with the 1973 through 1983 Annual Housing Surveys" in the appendix C of the *American Housing Survey for the United States in 1991,* series H150/91.

Changes in two items relating to income. Two new items in 1989 have replaced similar items that were published in 1985 and 1987. They are "Monthly housing costs as percent of current income" and "Ratio of value to current income." For income, these new items use "Current income"; in 1985 and 1987, the items "Value-income ratio" and "Monthly housing costs as percent of income" used the "Income of families and primary individuals in the last 12 months." See appendix A for a complete definition of "Current income," "Monthly housing costs as percent of current income," and "Ratio of value to current income." We recommend caution when comparing prior years' data with 1989 because of the differences in the definitions. See the introduction of the *American Housing survey for the United States in 1989*, series H150/89 for comparative tables on monthly housing costs as a percent of income.

Poverty. The AHS poverty data are not comparable to poverty data published from the Current Population Survey (CPS). The following table presents the differences.

Table F. Households in Poverty in AHS and CPS: 1985, 1987, and 1989

Year	AHS	CPS
1985	13,266,000	11,996,000
1987	11,969,000	11,807,000
1989	12,403,000	11,369,000
1985-1987 change	−1,297,000	−189,000
1987-1989 change	434,000	−438,000

Compared with the CPS, the AHS drop in poverty between 1985 and 1987 seems far too large. The 1987 to 1989 AHS increase in poverty may be, in part, a compensation for the unrealistic 1985 to 1987 drop.

In general, AHS estimates of poverty are higher than the CPS estimates. Research indicates that the AHS slightly underreports income when compared with the CPS, thus overreporting poverty. Furthermore, the problem seems to be concentrated among elderly households. A detailed discussion of AHS poverty data is presented in the Census Bureau memorandum for the record, "AHS Poverty Data, 1985 to 1989." Copies of the memorandum can be obtained by writing to the Housing and Household Economic Statistics Division, Bureau of the Census, Washington, DC 20233.

We wish to remind analysts that poverty data are published in the AHS not as an official count of households in poverty, but to show the housing characteristics of low-income households.

CATI. As a result of the use of both decentralized telephone interviewing and Computer Assisted Telephone Interviewing (CATI) in the 1987 and 1989 AHS-N, data for several observation items are not comparable to that reported in the 1985 AHS-N. Data for the observation items for units assigned to telephone interviewing were collected only if the sample unit was located in a multiunit structure.

Large-scale Computer Assisted Telephone Interviewing experiments were conducted as part of both the 1987 and 1989 AHS-N. Preliminary analysis of the CATI experiments indicated that CATI has a significant effect on both the 1987 and 1989 data. Both the 1987 and 1989 experiments revealed that characteristics' data for owner housing, urban housing, and housing with moderate physical problems exhibited high numbers of significant differences between CATI and non-CATI estimates. The moderate physical problems subgroup had the highest incidence of significant differences. The 1989 analysis also showed significant differences for total occupied, suburban housing units, and moved in past year.

Little is known at this time about whether CATI or non-CATI produces better data. It is currently felt that CATI may produce better income estimates but worse estimates for some other characteristics. It is felt, however, that estimates of change in AHS-N data between 1985 and 1987, and between 1985 and 1989 will be biased for many characteristics as a result of the introduction of CATI. Estimates of change between 1987 and 1989 may also be biased, but to a lesser degree, as CATI was used in both years.

Utilities. Beginning in 1989, two procedures were introduced that attempt to correct the overreporting of electricity and gas costs in the AHS. In the first procedure, respondents were asked the amount of their electricity and/or gas bill for the previous months of January, April,

August, and December. These months are the best predictors of annual costs. If the respondent provided data for at least 3 of the 4 months, the results were used to provide an annual estimate of costs. This estimate was then divided by 12 to provide average monthly costs.

The second procedure was applied to the remaining units. If the respondents did not know the amount of their electricity and/or gas bill for at least 3 of the 4 months, we used their estimate of average monthly costs. A factor was then applied that, in effect, lowered these costs to make them consistent with electricity and gas costs reported in the Residential Energy Consumption Survey sponsored by the United States Department of Energy.

Before 1989, respondents were only asked to provide an estimate of average monthly costs. Research has shown that this approach produces 15 to 20 percent overestimates of electricity and gas costs. The new procedures in 1989 produce lower and more accurate estimates. On average, more than one-third of the respondents provided answers for at least 3 of the 4 months.

Comparison of the 1985 through 1989 American Housing Surveys with the 1973 through 1983 Annual Housing Surveys. Most of the subjects in the 1985 through 1989 American Housing Survey National samples (AHS-N) are the same as those published in the 1973 through 1983 Annual Housing Survey National samples. In 1985, however, the AHS-N was completely redesigned. A new sample was chosen, a new questionnaire designed, and new weighting procedures developed. Most of the changes made in the redesigned AHS-N were made to improve the quality of the data.

As a result of these changes, however, several items in the redesigned AHS-N are not comparable to similar data in 1973 through 1983. All comparisons between the redesigned AHS and 1973 through 1983 should be made with caution. Listed below are major differences noted as a result of the redesign. The differences were analyzed through a comparison of 1985 data to 1983. These differences, however, affect all comparisons of 1985 and later data with 1973 through 1983 data. The list may not be all inclusive. Differences noted include:

1983 to 1985 household increase. The total number of households increased from 84,638,000 in 1983 to 88,425,000 in 1985, a total of 3,787,000. A small proportion of this apparent growth is the result of changes in the redesigned AHS-N. In 1985, the 1980 census count of occupied units was adjusted for undercount and projected to 1987 using the 1980 to 1985 Current Population Survey's (CPS) rate of change. The redesigned AHS-N was then ratio-estimated into this number. In the 1983 AHS, occupied units were ratio-estimated directly into CPS estimates. The 1985 occupied ratio-estimation procedure resulted in 200,000 additional occupied units that would not have been estimated if the 1983 procedures had been employed in 1985. For a complete description of the redesigned weighting procedures, see appendix B of this report. For a complete description of the 1983 weighting procedures, see appendix B of the 1983 Annual Housing Survey reports, Series H150/83.

When considering growth between the 1983 AHS-N and 1985 AHS-N, a more appropriate level of 1983 to 1985 household growth would be 3,587,000 households (3,787,000 - 200,000).

Units in structure. Households living in single-family detached units grew from 53,544,000 in 1983 to 55,076,000 in 1985, a 1,532,000 increase. For single-family attached, the number of units decreased from 4,109,000 in 1983 to 4,102,000 in 1985 or minus 7,000. Units in multiunit structures (two or more units in structure) grew from 22,985,000 in 1983 to 24,492,000, an increase of 1,507,000. In 1983, data on units in structure were based on the respondents' answer to one question, "How many living quarters, both occupied and vacant, are there in this house (building)?" In 1985, data on units in structure were based on the respondents' answer to a series of questions (see item 20 through 23 on page 3 of the questionnaire in appendix A). The method of collecting units-in-structure data in 1985 was revised as previous AHS experience has shown the concept to be difficult for respondents.

Respondents particularly had difficulty distinguishing between single-family attached and units in multiunit structures. It is estimated that the 1983 AHS overestimated single-family detached by 118,000 units and single-family attached by 641,000 units. The 1983 AHS underestimated units in multiunit structures by approximately 788,000. More reasonable levels of 1983 to 1985 growth are 1,650,000 units for single-family detached (1,532,000 + 118,000), 634,000 for single-family attached (-7,000 + 641,000), and 719,000 for units in multiunit structures (1,507,000 – 788,000.)

Mobile homes. Occupied mobile homes grew from 3,999,000 in 1983 to 4,754,000 in 1985, an increase of 755,000. This level of growth seems excessive as data from the Survey of Mobile Home Placements shows approximately 570,000 new mobile homes placed for residential use during the same time period. In the 1985 redesigned AHS-N, estimates of mobile homes with a model year of 1980 or later were ratio-estimated into independent counts of mobile placements from the Survey of Mobile Home Placements. No such adjustment was done in 1983. The 1983 count of occupied mobile homes may be deficient leading to an unrealistic estimate of 1983 to 1985 changes.

Rooms in unit. The number of households living in units with one or two rooms dropped from 3,215,000 in 1983 to 1,937,000 in 1985. As a result, the median number of rooms per unit increased from 5.2 to 5.3. This does not necessarily indicate an increase in the average size of housing units. In the 1983 AHS, respondents answered a single question asking for a total count of rooms in the unit.

The potential to miss specific rooms is high in a question of this type. In the 1985 AHS, respondents were asked for a count of each specific type of room. The answers to these questions are then added together in the tabulations to provide a total count of rooms. Far fewer rooms are missed in this series of questions which has apparently resulted in lower counts of one- and two-room units.

Housing unit definition. There are two minor changes to the housing unit definition. One minor difference in the definition is the 1973 through 1983 AHS requirement that a housing unit must have either direct access from the outside or through a common hallway, or complete kitchen facilities for the exclusive use of the occupants. In the redesigned American Housing Survey, the complete kitchen facilities alternative was dropped, with direct access required of all units. A second minor difference is in the definition of group quarters. In the 1973 through 1983 Annual Housing Survey, a household containing five or more persons unrelated to the householder was considered to be group quarters. In the redesigned AHS-N, the cutoff was changed to nine or more persons unrelated to the householder.

Other changes. In the redesigned AHS series H151 reports, all financial characteristics, are shown for all renters and/or all owners. Prior to the redesigned AHS, the Annual Housing Survey reported characteristics such as value and rent for specified owners and specified renters only. Table 19 in the H150 series continues to show financial characteristics for specified owners and specified renters. Specified owners are single-family, owner-occupied units on less than 10 acres with no business or medical office. Specified renters exclude single-family units on 10 acres or more.

Beginning in 1980, the concept head of household was dropped and replaced by householder. The head of household was the person regarded as the head by the respondent. However, if a married woman living with her husband was reported as the head, her husband was considered the head for the purpose of simplifying the tabulations. The householder is the first household member who is 18 years old and over and is an owner or renter of the sample unit.

There are also some minor differences in the definition or presentation of several subjects. The 1973 through 1983 AHS reports presented data on gross rent for renter-occupied units, contract rent for vacant for-rent units, and selected monthly housing costs for owner-occupied housing units. The same basic data is presented for all three groups in the redesigned AHS except that the subject is titled "Monthly housing costs" for all three universes on all tables to ease presentation of the data on tables where more than one of the universes occur. For a detailed definition of "Monthly housing costs" see appendix A.

The characteristics of new-construction units are based on units constructed during the last 4 years in the redesigned AHS-N. Prior to the redesigned AHS-N, characteristics of new construction were based on units built since the last survey year, which was a 1-year period except for the 1983 survey that was a 2-year period.

In the redesigned AHS-N, some of the data for recent movers are based on the householder's characteristics and some are based on characteristics of the respondent who may or may not be the householder. Before the redesigned AHS-N, all recent-mover data were based on the householder's characteristics.

A number of new items were introduced in the redesigned AHS-N including units with severe or moderate problems, and elderly householder. For detailed definitions and qualifications of these and other items, please see appendix A.