

American Housing Survey 2005

Table 5-4. Selected Equipment and Plumbing--Occupied Units With Black Alone Householder

Numbers in thousands. Weighting consistent with Census 2000.

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Elderly(65 years or older)	Moved in past year	Below poverty level
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems				
						Severe	Moderate			
Total	13,447	6,471	6,975	519	609	396	1,005	2,122	2,802	3,521
Equipment¹										
Lacking complete kitchen facilities	362	44	318	9	6	47	315	37	116	128
With complete kitchen (sink, refrigerator, and oven or burners)	13,085	6,427	6,658	510	603	349	690	2,085	2,686	3,393
Kitchen sink	13,403	6,462	6,941	519	609	368	989	2,120	2,781	3,505
Refrigerator	13,382	6,461	6,921	519	603	368	969	2,115	2,772	3,497
Cooking stove or range	13,325	6,440	6,885	517	605	343	969	2,101	2,767	3,481
Burners, no stove or range	17	9	8	-	-	3	5	3	3	6
Microwave oven only	63	17	46	2	4	32	7	9	16	16
Dishwasher	5,529	3,235	2,294	464	198	69	197	508	1,247	843
Washing machine	9,181	5,988	3,193	477	520	186	579	1,548	1,430	1,999
Clothes dryer	8,226	5,589	2,637	477	459	139	454	1,270	1,329	1,595
Disposal in kitchen sink	4,894	2,385	2,509	377	29	68	196	494	1,207	821
Trash compactor	397	211	186	58	-	-	12	39	83	39
Air conditioning:										
Central	7,728	4,237	3,491	493	462	134	313	1,047	1,664	1,622
Additional central	425	303	121	52	25	8	8	58	87	55
1 room unit	1,934	625	1,309	11	74	76	250	385	441	676
2 room units	1,231	604	627	4	43	41	163	205	178	362
3 room units or more	614	427	187	-	14	19	72	98	63	156

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Elderly(65 years or older)	Moved in past year	Below poverty level
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems				
						Severe	Moderate			
Main Heating Equipment										
Warm-air furnace	8,033	4,323	3,711	407	426	163	331	1,207	1,693	1,853
Steam or hot water system	1,828	621	1,207	2	-	91	109	269	283	533
Electric heat pump	1,489	690	800	101	117	22	65	163	378	321
Built-in electric units	468	138	330	4	15	23	27	78	136	154
Floor, wall, or other built-in hot-air units without ducts	684	225	459	3	9	25	52	128	168	259
Room heaters with flue	241	110	131	-	4	4	8	75	36	89
Room heaters without flue	439	249	190	-	15	34	405	155	56	198
Portable electric heaters	134	60	74	2	13	16	7	22	29	54
Stoves	40	23	17	-	4	5	-	13	2	24
Fireplaces with inserts	5	5	-	-	-	-	-	-	-	-
Fireplaces without inserts	2	2	-	-	2	-	-	2	-	2
Other	25	11	14	-	-	2	-	7	-	7
Cooking stove	11	2	9	-	-	4	-	-	4	6
None	47	13	34	-	3	8	2	2	16	22
Other Heating Equipment¹										
Warm-air furnace	149	78	71	-	4	-	2	29	21	46
Steam or hot water system	93	43	50	-	-	3	2	23	12	33
Electric heat pump	54	35	19	-	-	5	-	11	5	11
Built-in electric units	166	117	50	-	-	3	5	38	24	27
Floor, wall, or other built-in hot-air units without ducts	75	20	55	-	-	3	6	15	9	15
Room heaters with flue	42	33	9	-	7	2	5	13	3	6
Room heaters without flue	158	115	43	5	25	7	54	44	20	50

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Elderly(65 years or older)	Moved in past year	Below poverty level
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems				
						Severe	Moderate			
Portable electric heaters	940	530	410	25	36	52	113	182	96	235
Stoves	132	110	22	2	4	6	24	41	-	30
Fireplaces with inserts	392	340	52	40	33	4	9	55	60	50
Fireplaces without inserts	371	304	67	64	7	6	11	29	60	20
Other	47	26	21	3	-	-	5	6	2	8
Cooking stove	278	122	156	-	16	16	36	57	46	84
None	10,925	4,863	6,062	395	504	291	762	1,652	2,471	2,968
Used as parallel heating equipment ¹	350	233	116	5	4	21	22	79	34	97
Warm-air furnace	78	40	38	-	-	-	2	11	18	30
Steam or hot water system	30	17	13	-	-	3	2	15	-	13
Electric heat pump	26	20	6	-	-	5	-	11	2	9
Built-in electric units	57	44	13	-	-	-	2	14	12	13
Floor, wall, or other built-in hot-air units without ducts	39	6	33	-	-	3	3	6	-	10
Room heaters with flue	9	6	3	-	-	-	2	6	-	6
Stoves	39	28	10	-	4	6	6	12	-	13
Fireplaces with inserts	52	52	-	5	2	-	3	7	4	6
Fireplaces with no inserts	29	23	5	-	-	3	-	-	-	-
Cooking stove	37	20	16	-	2	3	2	10	7	17
Other	11	11	-	-	-	-	-	-	-	-
Used as supplemental heating equipment ¹	2,036	1,305	731	114	88	79	206	371	260	415
Warm-air furnace	58	33	25	-	4	-	-	15	3	13
Steam or hot water system	47	19	28	-	-	-	-	6	8	17
Electric heat pump	25	13	13	-	-	-	-	-	-	-
Built-in electric units	107	72	35	-	-	3	3	24	12	13
Floor, wall, or other built-in hot-air units without ducts	33	12	22	-	-	-	3	8	9	5

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Elderly(65 years or older)	Moved in past year	Below poverty level
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems				
						Severe	Moderate			
Room heaters with flue	30	24	6	-	7	2	3	7	3	-
Room heaters without flue	158	115	43	5	25	7	54	44	20	50
Portable electric heaters	940	530	410	25	36	52	113	182	96	235
Stoves	86	78	8	2	-	-	18	27	-	14
Fireplaces with inserts	332	280	52	34	31	4	7	49	56	44
Fireplaces with no inserts	340	281	59	64	7	3	11	29	57	20
Cooking stove	199	77	122	-	4	13	25	37	30	55
Other	30	12	18	-	-	-	5	6	2	8
Plumbing										
With all plumbing facilities	13,199	6,375	6,824	517	601	148	1,005	2,065	2,751	3,432
Lacking some or all plumbing facilities ¹	248	97	151	2	9	248	-	58	51	89
No hot piped water	80	22	58	2	6	80	-	26	19	33
No bathtub and no shower	51	10	42	-	-	51	-	17	12	20
No flush toilet	48	8	41	-	-	48	-	15	12	15
No exclusive use	164	75	89	-	3	164	-	32	30	54
Primary Source of Water										
Public system or private company	12,851	5,992	6,858	492	398	372	953	1,948	2,743	3,376
Well serving 1 to 5 units	583	468	115	27	212	20	50	168	59	141
Drilled	477	387	90	20	169	11	47	136	37	111
Dug	80	65	14	5	33	5	3	23	11	31
Not reported	26	16	10	2	10	4	-	9	10	-
Other	13	11	2	-	-	3	2	7	-	3

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Elderly(65 years or older)	Moved in past year	Below poverty level
		Owner	Renter	New construction 4 years	Manufactured/mobile homes	Physical problems				
						Severe	Moderate			
Means of Sewage Disposal										
Public sewer	12,384	5,591	6,794	469	267	362	884	1,836	2,702	3,257
Septic tank, cesspool, chemical toilet	1,048	873	175	50	343	19	121	276	97	253
Other	15	8	7	-	-	15	-	10	3	11

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

²Excludes units where primary source of water is commercial bottled water.

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Table 5-4. Selected Equipment
Numbers in thousands. Weigh

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	13,447	6,786	4,961	1,700	11,814	895	1,633	801	805	2,473	2,447	7,342	1,184
Equipment¹													
Lacking complete kitchen facilities	362	209	98	55	345	47	17	9	8	59	68	171	63
With complete kitchen (sink, refrigerator, and oven or burners)	13,085	6,577	4,863	1,645	11,469	849	1,616	792	796	2,414	2,379	7,171	1,121
Kitchen sink	13,403	6,756	4,951	1,695	11,775	893	1,628	799	803	2,452	2,447	7,324	1,180
Refrigerator	13,382	6,749	4,943	1,690	11,753	889	1,629	801	801	2,455	2,436	7,317	1,174
Cooking stove or range	13,325	6,693	4,944	1,688	11,696	887	1,629	801	801	2,424	2,428	7,293	1,180
Burners, no stove or range	17	12	5	-	17	-	-	-	-	6	3	8	-
Microwave oven only	63	50	8	6	63	6	-	-	-	35	11	17	-
Dishwasher	5,529	2,156	2,804	569	4,880	325	649	395	244	550	792	3,502	685
Washing machine	9,181	4,188	3,633	1,360	7,777	685	1,403	708	675	1,311	1,630	5,516	724
Clothes dryer	8,226	3,612	3,438	1,176	6,973	587	1,253	645	590	1,020	1,567	4,937	702
Disposal in kitchen sink	4,894	2,160	2,460	274	4,582	209	313	240	65	351	908	2,763	872
Trash compactor	397	198	176	23	373	19	25	20	5	46	73	219	58
Air conditioning:													
Central	7,728	3,164	3,473	1,091	6,640	594	1,088	566	497	413	1,223	5,576	517
Additional central	425	123	220	81	360	48	65	32	33	10	40	344	31
1 room unit	1,934	1,206	480	247	1,692	103	242	96	144	660	464	715	95
2 room units	1,231	732	311	189	1,077	104	154	69	84	507	229	483	12
3 room units or more	614	364	181	70	549	35	65	30	35	237	90	281	6

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Main Heating Equipment													
Warm-air furnace	8,033	3,950	3,071	1,013	7,171	579	862	413	434	887	1,949	4,486	712
Steam or hot water system	1,828	1,341	449	39	1,805	25	23	9	14	1,385	272	145	26
Electric heat pump	1,489	531	752	206	1,190	76	299	159	130	12	51	1,348	78
Built-in electric units	468	234	181	53	397	30	71	48	23	95	98	204	71
Floor, wall, or other built-in hot-air units without ducts	684	385	235	63	629	41	55	33	22	76	51	306	250
Room heaters with flue	241	81	85	76	152	32	89	44	43	12	16	187	27
Room heaters without flue	439	143	110	186	278	96	161	71	90	5	-	433	-
Portable electric heaters	134	66	44	24	110	7	24	7	17	-	-	129	5
Stoves	40	-	12	28	4	4	36	12	24	-	-	40	-
Fireplaces with inserts	5	3	-	2	3	-	2	-	2	-	3	2	-
Fireplaces without inserts	2	-	-	2	-	-	2	-	2	-	-	2	-
Other	25	10	11	3	21	2	4	3	2	-	3	22	-
Cooking stove	11	7	4	-	9	-	2	2	-	-	-	9	2
None	47	35	7	5	44	3	2	-	2	-	3	30	13
Other Heating Equipment¹													
Warm-air furnace	149	92	45	11	144	7	4	-	4	34	25	66	23
Steam or hot water system	93	81	10	2	92	-	2	-	2	70	5	11	7
Electric heat pump	54	20	34	-	49	-	5	2	-	3	-	45	6
Built-in electric units	166	63	84	19	134	10	33	23	10	28	28	89	22
Floor, wall, or other built-in hot-air units without ducts	75	56	14	5	70	-	5	-	5	37	11	15	12
Room heaters with flue	42	9	14	19	23	2	18	2	16	3	-	39	-
Room heaters without flue	158	49	53	56	86	16	73	33	40	17	16	125	-

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Portable electric heaters	940	495	343	102	816	30	124	47	72	185	180	455	121
Stoves	132	20	73	39	68	11	64	35	29	13	15	88	16
Fireplaces with inserts	392	119	209	65	261	20	131	87	44	11	38	274	69
Fireplaces without inserts	371	126	190	56	311	33	60	32	23	15	61	244	51
Other	47	23	14	10	36	8	11	9	2	19	8	20	-
Cooking stove	278	165	84	30	242	11	36	18	18	108	20	113	37
None	10,925	5,600	4,004	1,321	9,786	754	1,139	552	567	2,039	2,085	5,917	884
Used as parallel heating equipment ¹	350	157	134	58	265	17	85	36	42	74	53	193	30
Warm-air furnace	78	59	16	4	78	4	-	-	-	17	20	28	14
Steam or hot water system	30	22	6	2	28	-	2	-	2	16	3	11	-
Electric heat pump	26	10	16	-	21	-	5	2	-	-	-	24	2
Built-in electric units	57	19	28	10	47	-	10	-	10	12	8	27	10
Floor, wall, or other built-in hot-air units without ducts	39	34	3	2	37	-	2	-	2	20	5	7	6
Room heaters with flue	9	3	5	2	7	-	2	-	2	-	-	9	-
Stoves	39	-	23	15	8	2	31	17	14	3	-	33	3
Fireplaces with inserts	52	11	25	16	39	5	14	2	11	4	8	35	5
Fireplaces with no inserts	29	7	16	5	16	2	13	5	2	-	8	20	-
Cooking stove	37	21	9	6	33	4	4	2	2	8	-	18	10
Other	11	-	6	5	3	3	9	6	2	6	3	2	-
Used as supplemental heating equipment ¹	2,036	946	793	297	1,641	111	395	203	187	339	292	1,150	255
Warm-air furnace	58	26	25	7	54	3	4	-	4	15	6	31	6
Steam or hot water system	47	47	-	-	47	-	-	-	-	45	2	-	-
Electric heat pump	25	10	15	-	25	-	-	-	-	3	-	18	4
Built-in electric units	107	44	54	10	84	10	23	23	-	16	20	62	9
Floor, wall, or other built-in hot-air units without ducts	33	22	8	3	30	-	3	-	3	16	6	5	6

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Room heaters with flue	30	6	7	17	13	2	17	2	15	-	-	30	-
Room heaters without flue	158	49	53	56	86	16	73	33	40	17	16	125	-
Portable electric heaters	940	495	343	102	816	30	124	47	72	185	180	455	121
Stoves	86	16	48	22	53	7	33	18	15	10	15	51	10
Fireplaces with inserts	332	108	178	46	217	15	115	84	31	7	27	234	63
Fireplaces with no inserts	340	118	171	51	293	31	47	27	20	15	50	224	51
Cooking stove	199	117	58	24	177	8	22	6	16	87	20	71	21
Other	30	20	7	2	28	2	2	2	-	10	5	15	-
Plumbing													
With all plumbing facilities	13,199	6,635	4,905	1,658	11,611	884	1,588	791	774	2,390	2,432	7,209	1,167
Lacking some or all plumbing facilities ¹	248	150	56	42	203	11	45	10	31	83	14	133	17
No hot piped water	80	45	11	24	55	2	25	3	22	34	3	43	-
No bathtub and no shower	51	33	6	12	36	-	15	3	12	34	-	18	-
No flush toilet	48	35	6	7	36	-	12	3	7	34	-	15	-
No exclusive use	164	101	45	18	145	9	19	7	9	49	11	85	17
Primary Source of Water													
Public system or private company	12,851	6,734	4,689	1,428	11,732	878	1,118	558	549	2,442	2,413	6,815	1,180
Well serving 1 to 5 units	583	45	269	268	75	17	507	239	252	27	33	520	2
Drilled	477	36	225	216	60	12	417	201	204	19	29	428	2
Dug	80	4	37	38	5	5	74	37	33	3	5	72	-
Not reported	26	5	7	14	10	-	16	2	14	5	-	21	-
Other	13	6	3	4	6	-	7	3	4	4	-	7	2

Characteristics	Total Occupied Units	In MSAs		Outside MSAs	Urban		Rural			Regions			
		Central Cities	Suburbs		Total	Outside MSAs	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Means of Sewage Disposal													
Public sewer	12,384	6,711	4,462	1,211	11,606	872	778	431	339	2,418	2,408	6,383	1,176
Septic tank, cesspool, chemical toilet	1,048	70	496	482	205	23	843	366	459	56	38	945	9
Other	15	4	3	7	3	-	12	3	7	-	-	15	-

¹Figures may not add to total because n

²Excludes units where primary source o