

American Housing Survey 2005

Table 2-4. Selected Equipment and Plumbing-Occupied Units

Numbers in thousands. Weighting consistent with Census 2000.

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Equipment¹												
Lacking complete kitchen facilities	1,695	257	1,438	50	43	150	1,544	362	286	206	665	485
With complete kitchen (sink, refrigerator, and oven or burners)	107,177	74,674	32,502	5,894	6,896	1,870	2,631	13,085	11,365	21,991	18,217	14,638
Kitchen sink	108,656	74,889	33,767	5,943	6,924	1,940	4,041	13,403	11,630	22,162	18,786	15,033
Refrigerator	108,673	74,856	33,818	5,935	6,912	1,960	4,038	13,382	11,637	22,166	18,805	15,055
Cooking stove or range	108,140	74,718	33,422	5,917	6,883	1,879	3,949	13,325	11,579	22,036	18,604	14,905
Burners, no stove or range	131	60	71	3	2	12	19	17	15	26	38	39
Microwave oven only	397	106	291	19	38	76	58	63	39	99	148	102
Dishwasher	68,508	54,060	14,448	5,504	3,118	695	1,327	5,529	5,110	12,628	11,374	5,527
Washing machine	89,287	71,997	17,290	5,661	6,240	1,234	2,486	9,181	7,829	18,718	12,334	9,726
Clothes dryer	86,169	70,348	15,821	5,644	6,018	1,060	2,190	8,226	6,983	17,671	11,972	8,575
Disposal in kitchen sink	53,299	38,595	14,704	4,535	1,062	552	1,174	4,894	5,663	9,816	10,116	4,844
Trash compactor	4,077	3,343	734	394	59	29	46	397	391	840	586	307

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Air conditioning:												
Central	67,689	51,505	16,184	5,349	4,270	753	1,370	7,728	6,289	13,670	11,553	7,511
Additional central	4,940	4,344	596	592	237	41	54	425	485	872	788	402
1 room unit	12,827	6,166	6,661	148	1,053	418	922	1,934	1,534	2,942	2,521	2,756
2 room units	7,641	4,791	2,850	51	533	196	673	1,231	952	1,483	1,012	1,275
3 room units or more	4,395	3,369	1,026	18	266	102	368	614	501	786	461	521
Main Heating Equipment												
Warm-air furnace	68,275	50,459	17,817	4,397	5,251	939	1,470	8,033	6,166	13,418	11,695	8,371
Steam or hot water system	12,880	7,719	5,161	131	15	426	485	1,828	1,272	3,035	1,711	1,902
Electric heat pump	12,484	9,074	3,411	1,190	939	137	239	1,489	1,321	2,414	2,539	1,461
Built-in electric units	4,699	2,116	2,583	71	74	114	232	468	388	1,066	1,075	891
Floor, wall, or other built-in hot-air units without ducts	5,102	2,172	2,930	89	175	137	258	684	1,464	982	1,079	1,086

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Room heaters with flue	1,294	752	542	14	84	48	59	241	143	410	184	322
Room heaters without flue	1,327	881	447	-	114	54	1,273	439	221	385	166	411
Portable electric heaters	907	441	467	16	135	53	69	134	362	134	190	281
Stoves	896	742	155	16	76	50	29	40	50	189	47	179
Fireplaces with inserts	131	123	8	3	-	-	3	5	5	40	4	12
Fireplaces without inserts	59	43	16	3	7	3	2	2	12	14	10	7
Other	298	167	131	13	24	14	16	25	81	51	70	77
Cooking stove	120	50	70	-	12	15	7	11	44	30	16	37
None	399	194	205	3	35	30	33	47	122	30	96	86
Other Heating Equipment¹												
Warm-air furnace	1,056	805	251	35	86	19	36	149	135	299	106	181
Steam or hot water system	494	282	212	14	18	14	25	93	86	128	52	100
Electric heat pump	488	413	75	48	20	12	7	54	42	146	51	52
Built-in electric units	2,778	2,214	564	60	69	44	97	166	194	689	296	230
Floor, wall, or other built-in hot-air units without ducts	367	216	150	7	15	12	18	75	57	93	42	60
Room heaters with flue	704	601	103	20	44	18	17	42	12	208	59	86

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Room heaters without flue	1,682	1,384	299	44	239	44	149	158	68	426	124	260
Portable electric heaters	8,859	6,623	2,236	284	646	248	539	940	846	2,089	895	1,128
Stoves	4,117	3,748	369	102	218	89	102	132	119	957	268	351
Fireplaces with inserts	5,006	4,568	438	521	267	55	82	392	248	949	623	345
Fireplaces without inserts	4,495	3,816	679	462	119	59	90	371	389	661	773	254
Other	686	587	99	18	35	12	30	47	33	170	54	60
Cooking stove	1,394	903	491	54	100	57	100	278	234	380	184	288
None	82,114	53,325	28,789	4,538	5,290	1,463	3,048	10,925	9,496	16,462	15,823	12,221
Used as parallel heating equipment ¹	4,295	3,516	778	145	153	101	147	350	394	1,068	406	462
Warm-air furnace	520	387	133	17	36	7	22	78	80	131	70	91
Steam or hot water system	155	86	69	-	-	10	7	30	26	54	13	36
Electric heat pump	178	156	22	23	-	10	-	26	15	60	18	22
Built-in electric units	1,153	931	223	36	28	8	37	57	118	273	133	76

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Floor, wall, or other built-in hot-air units without ducts	169	91	77	1	3	9	8	39	31	39	17	33
Room heaters with flue	196	169	27	6	11	3	5	9	3	66	8	26
Stoves	985	883	102	27	59	30	23	39	39	269	39	106
Fireplaces with inserts	655	598	57	38	15	7	23	52	36	136	65	50
Fireplaces with no inserts	391	301	90	18	11	25	5	29	47	59	49	30
Cooking stove	291	177	114	13	22	10	36	37	84	68	27	73
Other	165	154	10	-	6	2	3	11	7	44	6	12
Used as supplemental heating equipment ¹	22,494	18,325	4,169	1,278	1,418	436	956	2,036	1,671	4,799	2,580	2,320
Warm-air furnace	444	356	89	19	43	9	11	58	50	137	29	82
Steam or hot water system	219	128	91	8	1	5	11	47	25	51	27	42
Electric heat pump	278	231	47	22	18	2	5	25	23	79	30	23
Built-in electric units	1,595	1,263	332	24	38	33	60	107	76	407	161	146
Floor, wall, or other built-in hot-air units without ducts	173	107	65	6	7	2	7	33	21	47	23	24
Room heaters with flue	371	321	50	5	24	5	10	30	7	102	30	40
Room heaters without flue	1,682	1,384	299	44	239	44	149	158	68	426	124	260

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Portable electric heaters	8,859	6,623	2,236	284	646	248	539	940	846	2,089	895	1,128
Stoves	3,096	2,842	254	75	157	57	79	86	78	676	226	238
Fireplaces with inserts	4,323	3,944	379	480	253	49	57	332	211	808	553	293
Fireplaces with no inserts	4,080	3,497	584	439	108	31	83	340	342	599	716	222
Cooking stove	935	623	313	38	59	48	53	199	122	279	121	191
Other	462	394	68	15	24	10	27	30	18	107	39	39
Plumbing												
With all plumbing facilities	107,574	74,294	33,280	5,931	6,879	723	4,175	13,199	11,458	21,915	18,604	14,755
Lacking some or all plumbing facilities ¹	1,297	637	660	14	60	1,297	-	248	193	282	278	368
No hot piped water	223	85	138	5	21	223	-	80	26	38	69	112
No bathtub and no shower	160	53	107	3	-	160	-	51	16	46	50	91
No flush toilet	141	33	108	-	-	141	-	48	13	32	50	77
No exclusive use	1,034	535	499	9	40	1,034	-	164	165	228	203	237
Primary Source of Water												
Public system or private company	95,313	62,991	32,322	5,185	5,034	1,744	3,832	12,851	11,277	19,080	17,730	13,666
Well serving 1 to 5 units	13,132	11,607	1,525	752	1,813	238	328	583	350	2,975	1,124	1,382
Drilled	11,652	10,441	1,211	683	1,510	174	296	477	303	2,675	930	1,145
Dug	920	775	145	30	160	47	21	80	18	219	64	149
Not reported	560	390	170	40	143	17	12	26	30	81	130	88
Other	427	334	93	8	93	38	15	13	24	142	28	76

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Safety of Primary Source of Water												
Selected primary water sources ²	108,829	74,905	33,925	5,944	6,936	2,013	4,170	13,435	11,635	22,192	18,878	15,118
Safe to drink	97,593	68,775	28,817	5,426	6,059	1,716	3,338	11,724	8,782	20,676	16,301	12,961
Not safe to drink	9,837	5,271	4,566	477	765	281	747	1,502	2,709	1,234	2,307	1,826
Safety not reported	1,400	859	541	41	113	17	85	209	144	281	269	331
Source of Drinking Water												
Primary source not safe to drink	9,837	5,271	4,566	477	765	281	747	1,502	2,709	1,234	2,307	1,826
Drinking and primary water source the same	1,691	992	699	76	149	33	113	231	304	260	375	388
Public or private system	1,597	919	678	68	131	30	111	226	296	251	356	378
Individual well	88	71	17	9	15	-	3	6	8	9	19	10
Spring	-	-	-	-	-	-	-	-	-	-	-	-
Cistern	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake	2	2	-	-	-	-	-	-	-	-	-	-
Other	3	-	3	-	3	3	-	-	-	-	-	-
Drinking and primary water source different	8,138	4,274	3,864	401	615	245	633	1,269	2,405	974	1,933	1,433
Public or private system	35	28	7	2	4	2	5	-	2	5	2	9
Individual well	38	20	18	2	2	2	-	3	9	7	5	13
Spring	199	113	86	20	8	9	13	50	57	20	50	44
Cistern	7	7	-	-	-	-	-	-	-	2	2	2
Stream or lake	10	3	8	-	-	-	-	3	3	-	2	3
Commercial bottled water	6,227	3,088	3,140	261	507	180	523	1,083	1,896	707	1,522	1,138
Other	1,621	1,015	606	115	94	51	93	130	438	234	350	223
Source of drinking water not reported	7	4	3	-	-	2	-	2	-	-	-	5

Characteristics	Total Occupied Units	Tenure		Housing unit characteristics				Household characteristics				
		Owner	Renter	New construction	Manufactured/mobile homes	Physical problems		Black alone	Hispanic	Elderly(65 years or older)	Moved in past year	Below poverty level
						Severe	Moderate					
Total	108,871	74,931	33,940	5,944	6,940	2,021	4,175	13,447	11,651	22,197	18,882	15,124
Means of Sewage Disposal												
Public sewer	86,850	55,496	31,355	4,613	3,139	1,663	3,476	12,384	10,901	17,262	16,781	12,625
Septic tank, cesspool, chemical toilet	21,967	19,403	2,564	1,331	3,801	303	699	1,048	750	4,915	2,086	2,462
Other	54	32	22	-	-	54	-	15	-	20	14	36

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.

American Housing Survey

Table 2-4. Selected Equipment

Numbers in thousands.

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Equipment¹													
Lacking complete kitchen facilities	1,695	782	651	261	1,515	172	180	86	89	298	345	536	515
With complete kitchen (sink, refrigerator, and oven or burners)	107,177	31,000	52,181	23,995	79,744	9,768	27,433	12,938	14,227	20,038	24,610	39,186	23,343
Kitchen sink	108,656	31,700	52,754	24,203	81,094	9,923	27,563	13,009	14,280	20,296	24,923	39,663	23,775
Refrigerator	108,673	31,714	52,764	24,195	81,109	9,911	27,564	13,007	14,284	20,311	24,909	39,640	23,814
Cooking stove or range	108,140	31,435	52,592	24,113	80,662	9,857	27,478	12,951	14,256	20,179	24,812	39,506	23,642
Burners, no stove or range	131	63	58	10	111	7	20	17	2	31	19	37	43
Microwave oven only	397	188	122	86	323	53	74	40	34	104	68	98	126
Dishwasher	68,508	16,955	38,136	13,416	51,228	5,508	17,280	9,166	7,908	11,132	14,491	26,271	16,614
Washing machine	89,287	22,140	45,522	21,625	63,469	8,377	25,817	12,335	13,248	15,039	20,969	34,138	19,141
Clothes dryer	86,169	20,703	44,434	21,032	60,955	8,138	25,214	12,088	12,894	13,976	20,765	32,893	18,534
Disposal in kitchen sink	53,299	16,212	29,356	7,731	45,162	4,465	8,137	4,724	3,267	5,107	12,423	18,584	17,185
Trash compactor	4,077	1,192	2,263	622	3,262	272	815	449	349	601	659	1,638	1,179

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Air conditioning:													
Central	67,689	17,738	35,779	14,172	50,910	6,138	16,779	8,530	8,034	6,284	16,793	33,046	11,566
Additional central	4,940	1,222	2,722	995	3,706	485	1,233	706	511	251	608	3,203	877
1 room unit	12,827	4,376	4,850	3,601	9,279	1,433	3,548	1,361	2,168	4,307	3,558	2,333	2,629
2 room units	7,641	2,580	3,171	1,890	5,418	691	2,222	1,023	1,199	3,473	1,627	2,038	502
3 room units or more	4,395	1,308	2,206	882	3,375	363	1,020	502	518	2,352	522	1,326	195
Main Heating Equipment													
Warm-air furnace	68,275	19,320	33,623	15,333	51,877	6,699	16,399	7,582	8,634	8,546	20,331	23,735	15,664
Steam or hot water system	12,880	5,059	5,981	1,839	10,527	758	2,353	1,269	1,082	9,496	1,996	588	800
Electric heat pump	12,484	2,950	6,723	2,811	8,406	1,003	4,079	2,203	1,808	344	664	9,993	1,483
Built-in electric units	4,699	1,186	2,132	1,380	3,167	546	1,532	684	835	1,065	1,116	918	1,600
Floor, wall, or other built-in hot-air units without ducts	5,102	2,022	2,299	781	4,334	360	768	344	421	443	399	1,300	2,961

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Room heaters with flue	1,294	283	430	580	692	170	601	189	411	165	172	646	310
Room heaters without flue	1,327	349	314	665	714	243	613	191	422	18	42	1,222	45
Portable electric heaters	907	314	417	176	671	75	237	133	101	29	20	642	216
Stoves	896	30	384	483	146	32	750	299	451	150	143	304	299
Fireplaces with inserts	131	7	65	59	37	6	93	40	53	14	22	47	47
Fireplaces without inserts	59	5	29	25	23	5	36	16	20	10	-	22	27
Other	298	85	152	60	222	19	76	35	41	18	31	159	90
Cooking stove	120	49	52	18	97	6	23	11	12	34	-	50	36
None	399	123	230	45	345	20	53	28	25	4	20	96	279
Other Heating Equipment¹													
Warm-air furnace	1,056	286	532	237	780	74	276	113	163	162	277	319	297
Steam or hot water system	494	291	148	55	410	12	84	41	42	317	51	29	96
Electric heat pump	488	78	294	117	301	31	187	98	86	40	54	319	76
Built-in electric units	2,778	653	1,321	805	1,817	252	960	408	552	632	549	729	868
Floor, wall, or other built-in hot-air units without ducts	367	166	127	74	290	23	77	24	51	101	69	94	102
Room heaters with flue	704	133	306	265	355	64	349	149	200	158	91	264	191

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Room heaters without flue	1,682	241	663	778	741	173	942	335	604	278	399	875	130
Portable electric heaters	8,859	2,578	4,308	1,972	6,446	722	2,413	1,120	1,250	1,595	2,057	2,858	2,348
Stoves	4,117	389	2,138	1,590	1,619	336	2,498	1,227	1,255	1,183	828	897	1,209
Fireplaces with inserts	5,006	898	2,603	1,505	2,875	435	2,131	1,046	1,071	564	933	1,901	1,607
Fireplaces without inserts	4,495	1,109	2,487	899	3,259	350	1,236	668	549	403	718	1,834	1,541
Other	686	95	307	284	342	72	344	131	213	177	154	209	147
Cooking stove	1,394	502	613	279	1,058	103	336	160	176	408	159	511	315
None	82,114	25,576	39,682	16,856	64,126	7,661	17,988	8,603	9,195	15,457	19,495	30,564	16,598
Used as parallel heating equipment ¹	4,295	942	2,134	1,219	2,640	378	1,654	805	842	924	772	1,271	1,328
Warm-air furnace	520	161	279	80	419	36	101	57	44	61	126	157	176
Steam or hot water system	155	101	41	13	130	2	25	14	11	108	20	18	9
Electric heat pump	178	40	100	38	124	18	54	31	20	10	18	129	21
Built-in electric units	1,153	293	532	328	805	104	348	124	225	277	212	247	418

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Floor, wall, or other built-in hot-air units without ducts	169	90	57	22	145	13	23	15	9	58	20	46	45
Room heaters with flue	196	30	101	64	104	20	92	47	45	38	27	72	58
Stoves	985	54	570	361	352	72	633	344	289	258	181	260	286
Fireplaces with inserts	655	117	324	215	399	74	256	115	141	74	99	220	263
Fireplaces with no inserts	391	77	223	92	251	34	140	78	58	30	70	133	157
Cooking stove	291	140	104	48	253	29	38	20	19	64	4	92	131
Other	165	11	67	86	70	31	95	40	55	40	26	51	47
Used as supplemental heating equipment ¹	22,494	5,149	11,033	6,312	14,312	1,918	8,183	3,710	4,394	4,031	4,692	7,844	5,926
Warm-air furnace	444	103	199	142	287	33	157	48	109	89	126	139	90
Steam or hot water system	219	130	65	23	173	2	46	25	21	173	28	9	9
Electric heat pump	278	36	174	68	163	8	115	55	61	28	29	174	47
Built-in electric units	1,595	355	774	466	988	144	607	284	322	348	328	477	443
Floor, wall, or other built-in hot-air units without ducts	173	71	57	45	126	10	46	9	35	41	47	38	47
Room heaters with flue	371	55	138	179	150	37	221	79	142	102	49	148	72
Room heaters without flue	1,682	241	663	778	741	173	942	335	604	278	399	875	130

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Portable electric heaters	8,859	2,578	4,308	1,972	6,446	722	2,413	1,120	1,250	1,595	2,057	2,858	2,348
Stoves	3,096	325	1,554	1,217	1,246	262	1,850	879	955	920	635	626	915
Fireplaces with inserts	4,323	772	2,265	1,286	2,450	359	1,873	931	927	486	829	1,673	1,334
Fireplaces with no inserts	4,080	1,025	2,247	808	2,996	316	1,085	582	492	371	643	1,686	1,381
Cooking stove	935	293	442	200	679	61	257	117	139	308	126	350	151
Other	462	71	215	176	230	33	231	89	143	125	115	143	79
Plumbing													
With all plumbing facilities	107,574	31,251	52,359	23,965	80,267	9,835	27,307	12,914	14,129	19,991	24,658	39,308	23,617
Lacking some or all plumbing facilities ¹	1,297	532	473	292	991	105	306	110	187	345	297	414	241
No hot piped water	223	102	45	76	142	12	81	16	65	54	31	109	30
No bathtub and no shower	160	80	37	43	100	7	60	19	36	43	17	57	43
No flush toilet	141	76	27	38	94	5	47	12	33	46	16	41	38
No exclusive use	1,034	415	409	210	834	91	200	78	120	286	265	288	195
Primary Source of Water													
Public system or private company	95,313	95,313	31,342	46,025	17,946	78,867	9,584	16,446	7,915	8,361	17,168	20,874	34,871
Well serving 1 to 5 units	13,132	415	6,690	6,027	2,330	348	10,801	5,018	5,679	3,079	4,008	4,648	1,396
Drilled	11,652	379	5,925	5,348	2,059	301	9,593	4,451	5,047	2,658	3,606	4,103	1,284
Dug	920	14	466	440	108	19	812	386	422	271	224	351	73
Not reported	560	23	299	239	163	28	397	181	210	149	177	194	39
Other	427	26	117	284	61	8	366	90	276	90	73	203	61

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Safety of Primary Source of Water													
Selected primary water sources ²	108,829	31,765	52,814	24,251	81,225	9,940	27,604	13,020	14,311	20,325	24,955	39,714	23,835
Safe to drink	97,593	27,742	47,687	22,163	72,023	9,009	25,569	12,154	13,154	18,334	23,405	35,684	20,170
Not safe to drink	9,837	3,596	4,394	1,847	8,136	849	1,700	690	998	1,645	1,269	3,509	3,414
Safety not reported	1,400	427	732	241	1,066	82	335	176	158	346	282	521	251
Source of Drinking Water													
Primary source not safe to drink	9,837	3,596	4,394	1,847	8,136	849	1,700	690	998	1,645	1,269	3,509	3,414
Drinking and primary water source the same	1,691	586	707	398	1,353	194	338	131	205	353	344	529	464
Public or private system	1,597	586	663	348	1,336	186	261	96	163	334	317	496	450
Individual well	88	-	42	46	17	8	71	33	38	19	24	32	12
Spring	-	-	-	-	-	-	-	-	-	-	-	-	-
Cistern	-	-	-	-	-	-	-	-	-	-	-	-	-
Stream or lake	2	-	2	-	-	-	2	2	-	-	-	-	2
Other	3	-	-	3	-	-	3	-	3	-	3	-	-
Drinking and primary water source different	8,138	3,010	3,682	1,446	6,778	655	1,360	559	791	1,289	922	2,978	2,949
Public or private system	35	-	17	18	7	-	28	10	18	9	14	7	5
Individual well	38	15	11	12	28	2	10	-	10	6	5	12	16
Spring	199	52	115	32	161	17	38	22	16	96	19	79	5
Cistern	7	-	5	2	-	-	7	5	2	-	2	5	-
Stream or lake	10	3	8	-	10	-	-	-	-	-	-	-	10
Commercial bottled water	6,227	2,345	2,737	1,145	5,183	520	1,044	414	625	928	683	2,307	2,310
Other	1,621	595	790	236	1,388	116	233	108	120	250	198	569	604
Source of drinking water not reported	7	-	5	2	5	-	2	-	2	3	2	2	-

Characteristics	Total Occupied Units	In MSAs		Outside MSA's	Urban		Rural			Regions			
		Central	Suburbs		Total	Outside	Total	Suburbs	Outside MSA's	Northeast	Midwest	South	West
Total	108,871	31,783	52,832	24,257	81,258	9,940	27,613	13,023	14,316	20,337	24,955	39,722	23,858
Means of Sewage Disposal													
Public sewer	86,850	31,072	41,827	13,952	76,681	9,211	10,170	5,293	4,741	16,107	20,053	29,617	21,073
Septic tank, cesspool, chemical toilet	21,967	705	10,992	10,270	4,565	727	17,403	7,725	9,543	4,229	4,888	10,067	2,783
Other	54	5	13	35	13	2	41	6	33	-	13	38	2

¹Figures may not add to

²Excludes units where