

American Housing Survey 2005

Table 2-5. Fuels-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
Main House Heating Fuel												
Housing units with heating fuel	108,473	74,737	33,736	5,942	6,905	1,990	4,143	13,400	11,529	22,167	18,786	15,037
Electricity	34,263	20,224	14,039	2,543	3,418	583	1,098	4,868	4,301	6,175	8,091	5,630
Piped gas	56,317	41,055	15,261	2,862	1,727	924	2,121	6,943	6,077	11,661	8,823	6,820
Bottled gas	6,228	5,164	1,064	370	1,174	134	454	482	320	1,457	712	925
Fuel oil	9,382	6,497	2,885	106	199	257	281	955	726	2,361	968	1,242
Kerosene or other liquid fuel	547	382	165	13	251	22	130	81	23	122	68	122
Coal or coke	95	86	9	3	5	10	14	-	-	27	12	16
Wood	1,411	1,218	194	26	124	52	32	50	59	323	67	239
Solar energy	15	7	8	-	-	3	-	3	-	6	3	2
Other	214	104	110	18	7	5	13	18	24	36	41	41

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					
Other House Heating Fuels¹												
With other heating fuel	25,789	21,000	4,789	1,395	1,558	525	1,066	2,351	1,988	5,576	2,911	2,684
Electricity	12,062	9,101	2,961	384	793	309	662	1,219	1,115	2,861	1,304	1,450
Piped gas	5,243	4,442	801	647	129	65	208	613	487	1,213	694	485
Bottled gas	1,599	1,454	144	180	185	30	54	87	41	386	146	179
Fuel oil	792	555	237	21	32	30	27	109	85	217	66	141
Kerosene or other liquid fuel	760	609	150	26	149	24	50	70	18	161	39	112
Coal or coke	96	91	5	-	2	8	-	-	2	30	5	7
Wood	8,628	7,554	1,073	263	458	139	201	538	462	1,592	950	680
Solar energy	27	27	-	-	-	2	-	-	3	3	5	-
Other	548	459	89	52	17	10	9	33	37	97	92	35

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					
Cooking Fuel												
With cooking fuel	108,665	74,883	33,782	5,939	6,924	1,967	4,026	13,405	11,630	22,160	18,789	15,046
Electricity	65,297	44,914	20,383	3,734	4,056	959	1,967	6,849	5,181	13,787	12,254	8,625
Piped gas	38,247	25,696	12,550	1,888	1,522	848	1,766	6,106	6,062	7,216	5,986	5,589
Bottled gas	5,069	4,229	840	307	1,336	150	290	450	380	1,147	537	811
Kerosene or other liquid fuel	8	4	5	-	5	-	-	-	-	2	2	2
Coal or coke	-	-	-	-	-	-	-	-	-	-	-	-
Wood	18	16	2	-	-	10	-	-	3	5	-	13
Other	25	24	1	10	5	-	2	-	3	2	10	6
Water Heating Fuel												
With hot piped water	108,648	74,846	33,802	5,939	6,919	1,797	4,175	13,367	11,625	22,160	18,813	15,012
Electricity	42,788	27,876	14,911	2,571	5,041	638	1,663	5,381	3,918	8,766	8,784	6,879
Piped gas	56,004	39,915	16,089	2,999	1,288	880	2,110	7,122	6,842	11,170	8,983	6,810
Bottled gas	4,217	3,432	785	302	560	86	211	283	289	845	498	576
Fuel oil	5,323	3,407	1,916	60	15	182	182	554	559	1,295	491	700
Kerosene or other liquid fuel	17	9	8	-	5	-	4	4	-	7	4	-
Coal or coke	15	15	-	-	-	-	-	-	-	5	3	-
Wood	50	47	3	-	8	-	-	-	-	12	2	5
Solar energy	117	107	10	3	-	-	-	2	5	30	10	3
Other	116	37	79	5	2	11	5	21	12	29	38	38

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						
Central Air Conditioning Fuel													
With central air conditioning	67,689	51,505	16,184	5,349	4,270	753	1,370	7,728	6,289	13,670	11,553	7,511	
Electricity	65,743	49,887	15,856	5,157	4,206	732	1,341	7,518	6,129	13,212	11,285	7,303	
Piped gas	1,702	1,398	304	170	38	15	28	190	147	388	241	181	
Other	245	220	25	22	26	5	1	21	13	69	27	28	
Other Central Air Fuel													
With other central air	4,940	4,344	596	592	237	41	54	425	485	872	788	402	
Electricity	4,811	4,228	583	581	232	41	54	416	477	846	764	388	
Gas	111	105	6	9	2	-	-	9	8	20	22	9	
Other	17	11	6	2	2	-	-	-	-	5	2	5	
Clothes Dryer Fuel													
With clothes dryer	86,169	70,348	15,821	5,644	6,018	1,060	2,190	8,226	6,983	17,671	11,972	857	
Electricity	66,440	52,918	13,523	4,464	5,538	808	1,812	6,549	4,972	13,557	9,979	7,164	
Piped gas	18,455	16,271	2,184	1,082	347	238	354	1,639	1,947	3,872	1,887	1,281	
Other	1,273	1,159	114	98	133	14	25	38	64	242	107	129	

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					
Units Using Each Fuel¹												
Electricity	108,808	74,881	33,927	5,942	6,940	1,958	4,175	13,437	11,651	22,190	18,871	15,102
Piped gas	66,728	46,339	20,389	3,492	1,984	1,226	2,594	8,775	7,982	13,490	10,927	8,670
Bottled gas	9,379	7,858	1,521	613	1,734	211	544	695	528	2,137	1,024	1,322
Fuel oil	15,511	9,893	5,618	421	635	432	573	1,866	1,473	3,727	2,248	2,405
Kerosene or other liquid fuel	1,258	961	298	40	369	40	167	134	40	277	105	226
Coal or coke	184	169	15	3	8	12	14	-	2	54	18	23
Wood	9,466	8,262	1,204	279	541	164	220	569	497	1,745	1,001	823
Solar energy	157	138	18	3	-	5	-	6	8	39	16	5
Other	930	664	266	80	41	24	29	80	79	186	179	120
All electric units	27,688	16,535	11,154	1,969	3,012	439	820	3,824	3,020	5,130	6,594	4,520

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

Table 2-5.Fuels-Occi

Numbers in thousand:

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
Main House Heating Fuel													
Housing units with heating fuel	108,473	31,659	52,602	24,211	80,913	9,920	27,560	12,996	14,291	20,333	24,935	39,626	23,579
Electricity	34,263	9,483	16,817	7,964	24,387	3,092	9,876	4,859	4,872	2,086	3,835	21,798	6,544
Piped gas	56,317	18,943	27,688	9,686	48,526	5,899	7,791	3,949	3,786	9,699	17,785	13,441	15,391
Bottled gas	6,228	428	2,380	3,420	1,345	320	4,883	1,719	3,100	638	2,135	2,593	862
Fuel oil	9,382	2,632	4,786	1,964	6,085	474	3,297	1,803	1,490	7,349	745	1,037	251
Kerosene or other liquid fuel	547	42	217	288	140	40	407	157	248	228	21	276	23
Coal or coke	95	3	39	54	11	6	84	37	48	64	15	8	9
Wood	1,411	55	579	777	246	53	1,166	440	724	244	318	438	410
Solar energy	15	6	9	-	10	-	4	4	-	4	-	-	10
Other	214	68	87	59	163	35	51	28	24	20	81	34	79

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
Other House Heating Fuels¹													
With other heating fuel	25,789	5,889	12,668	7,232	16,401	2,227	9,388	4,300	5,004	4,716	5,341	8,822	6,910
Electricity	12,062	3,283	5,835	2,944	8,503	1,008	3,559	1,578	1,936	2,260	2,633	3,969	3,199
Piped gas	5,243	1,553	2,524	1,166	4,198	642	1,045	517	524	745	1,142	1,760	1,596
Bottled gas	1,599	71	657	870	279	73	1,320	517	798	270	305	837	186
Fuel oil	792	285	335	172	558	53	234	115	119	303	96	177	216
Kerosene or other liquid fuel	760	117	293	350	297	49	463	160	300	166	182	387	25
Coal or coke	96	7	61	27	26	9	70	51	19	69	8	3	16
Wood	8,628	1,373	4,597	2,657	4,517	576	4,111	1,994	2,081	1,568	1,548	2,808	2,703
Solar energy	27	2	13	13	11	5	17	9	8	6	13	3	6
Other	548	106	303	138	351	62	196	117	76	104	71	116	257

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
Cooking Fuel													
With cooking fuel	108,665	31,687	52,770	24,209	81,094	9,917	27,571	13,008	14,292	20,314	24,900	39,642	23,809
Electricity	65,297	16,354	32,380	16,563	45,959	6,618	19,339	9,188	9,946	9,008	14,477	29,154	12,658
Piped gas	38,247	14,981	18,298	4,968	33,867	3,026	4,379	2,408	1,942	9,956	9,271	8,514	10,506
Bottled gas	5,069	345	2,078	2,647	1,240	265	3,829	1,411	2,381	1,340	1,141	1,954	634
Kerosene or other liquid fuel	8	4	2	3	6	-	3	-	3	4	2	3	-
Coal or coke	-	-	-	-	-	-	-	-	-	-	-	-	-
Wood	18	-	8	11	8	-	11	-	11	2	5	5	5
Other	25	4	4	17	15	7	10	-	10	4	4	12	6
Water Heating Fuel													
With hot piped water	108,648	31,681	52,787	24,180	81,116	9,928	27,532	13,007	14,252	20,283	24,924	39,613	23,828
Electricity	42,788	9,454	20,364	12,970	26,439	4,013	16,349	7,222	8,957	4,119	7,165	25,127	6,376
Piped gas	56,004	19,903	27,756	8,346	49,386	5,416	6,618	3,621	2,929	10,216	16,350	12,926	16,513
Bottled gas	4,217	384	1,802	2,031	1,218	250	3,000	1,184	1,781	754	1,314	1,327	823
Fuel oil	5,323	1,862	2,725	737	3,866	227	1,458	948	509	5,099	41	178	5
Kerosene or other liquid fuel	17	4	4	9	8	-	9	-	9	11	2	4	-
Coal or coke	15	-	3	13	-	-	15	3	13	15	-	-	-
Wood	50	-	14	35	7	-	42	7	35	24	9	11	5
Solar energy	117	25	76	16	99	11	18	13	5	13	5	18	81
Other	116	50	43	23	94	10	22	10	12	31	37	22	26

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
Central Air Conditioning Fuel													
With central air conditioning	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
Electricity	65,743	17,208	34,776	13,759	49,420	5,939	16,322	8,290	7,820	5,881	16,171	32,633	11,058
Piped gas	1,702	495	908	298	1,401	181	300	183	118	358	549	338	456
Other	245	36	95	115	89	18	156	57	97	45	73	74	53
Other Central Air Fuel													
With other central air	4,940	1,222	2,722	995	3,706	485	1,233	706	511	251	608	3,203	877
Electricity	4,811	1,182	2,649	979	3,602	475	1,210	689	504	223	594	3,140	854
Gas	111	34	63	14	95	9	17	12	5	24	14	59	15
Other	17	5	10	2	10	-	7	5	2	4	-	4	8
Clothes Dryer Fuel													
With 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
Electricity	66,440	15,276	32,589	18,576	44,260	6,899	22,181	10,296	11,677	9,576	14,155	30,268	12,442
Piped gas	18,455	5,323	11,233	1,899	16,318	1,175	2,137	1,396	725	4,023	6,213	2,362	5,858
Other	1,273	104	612	557	377	65	896	395	493	378	398	263	235

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
Units Using Each Fuel¹													
Electricity	108,808	31,768	52,807	24,234	81,228	9,940	27,580	13,013	14,294	20,329	24,920	39,714	23,845
Piped gas	66,728	23,880	31,845	11,003	57,743	6,682	8,985	4,582	4,321	13,137	18,931	16,652	18,008
Bottled gas	9,379	626	3,825	4,928	2,199	510	7,180	2,695	4,418	1,821	2,485	3,927	1,146
Fuel oil	15,511	4,755	7,380	3,375	10,678	1,038	4,833	2,487	2,337	8,763	1,901	3,354	1,492
Kerosene or other liquid fuel	1,258	163	485	611	437	90	822	296	522	378	203	630	48
Coal or coke	184	10	93	81	37	15	147	81	66	126	23	10	24
Wood	9,466	1,405	4,915	3,146	4,655	607	4,811	2,237	2,539	1,740	1,774	3,049	2,904
Solar energy	157	32	96	29	117	16	39	26	13	23	19	20	95
Other	930	247	455	227	645	105	285	159	123	179	178	200	373
All electric units	27,688	6,885	14,033	6,770	18,969	2,453	8,719	4,277	4,317	1,515	2,981	18,798	4,395

¹Figures may not add