

Table 1. Total Energy Consumption in U.S. Households by Origin of Householder, 1997

	Origin of Householder					RSE Row Factors
	Total	Non-Hispanic White	Non-Hispanic Black	Hispanic	Other ¹	
	0.4	0.5	1.2	1.6	2.3	
RSE Column Factor:						
Million Households						
Total U.S. Households	101.5	75.1	12.6	9.4	4.3	3.9
Number of Households, Fuels Used (more than one may apply):						
Electricity ²	101.4	75.1	12.6	9.4	4.3	3.9
Natural Gas	61.9	43.5	8.5	6.8	3.1	5.8
Fuel Oil	10.0	8.0	0.9	0.9	0.2	18.0
Kerosene	3.5	2.7	0.6	Q	Q	18.5
LPG	8.1	6.9	0.6	0.5	Q	20.9
Wood	15.0	13.0	1.0	0.7	0.3	12.4
Quadrillion Btu						
Total Btu Consumption, Fuels Used:						
Electricity						
Primary	10.72	8.43	1.21	0.77	0.31	4.4
Site	3.54	2.78	0.40	0.26	0.10	4.4
Natural Gas	5.28	3.89	0.82	0.38	0.20	6.9
Fuel Oil	1.01	0.84	0.08	0.07	0.01	20.0
Kerosene	0.06	0.05	0.01	Q	Q	30.4
LPG	0.36	0.32	0.02	0.01	Q	20.9
Wood	0.43	0.40	0.02	0.01	0.01	19.3
Total (excludes primary electricity and wood)	10.25	7.88	1.33	0.72	0.32	4.3
Physical Units						
Physical Units of Total Consumption, Fuels Used:						
Electricity (billion kWh)	1,036,667	815,057	117,024	74,925	29,661	4.4
Natural Gas (billion cf)	5,142,512	3,783,728	797,838	366,439	194,507	6.9
Fuel Oil (million gallons)	7,273	6,085	589	506	93	20.0
Kerosene (million gallons)	437	335	89	Q	Q	30.4
LPG (million gallons)	3,937	3,529	192	139	Q	20.9
Wood (million cords)	21.4	19.8	0.8	0.6	0.3	19.3
Million Btu per Household³						
Total Btu Consumption per Household, Fuels Used:						
Electricity						
Primary	105.6	112.2	96.1	82.1	71.3	2.9
Site	34.9	37.0	31.7	27.1	23.5	2.9
Natural Gas	85.3	89.4	96.3	55.1	64.5	3.7
Fuel Oil	101.2	105.1	89.3	81.6	80.1	8.2
Kerosene	17.0	16.9	18.5	Q	Q	21.4
LPG	44.6	46.7	31.7	26.6	Q	13.1
Wood	28.5	30.4	15.9	16.3	17.0	14.9
Total (excludes primary electricity and wood)	101.0	104.8	105.6	75.9	74.6	2.5

See footnotes at end of table.

Table 1. Total Energy Consumption in U.S. Households by Origin of Householder, 1997 (Continued)

	Origin of Householder					RSE Row Factors
	Total	Non-Hispanic White	Non-Hispanic Black	Hispanic	Other ¹	
RSE Column Factor:	0.4	0.5	1.2	1.6	2.3	
Physical Units per Household³						
Physical Units of Total Consumption per Household, Fuels Used:						
Electricity (kWh)	10,219	10,850	9,292	7,946	6,895	2.9
Natural Gas (thousand cf)	83	87	94	54	63	3.7
Fuel Oil (gallons)	730	759	644	588	578	8.2
Kerosene (gallons)	126	125	137	Q	Q	21.4
LPG (gallons)	488	511	347	291	Q	13.1
Wood (cords)	1.4	1.5	0.8	0.8	0.9	14.9
Million Households						
Number of Households, Where the End Use Is:						
Space Heating ⁴	99.7	74.4	12.4	9.0	4.0	4.0
Electric Air-Conditioning ⁵	72.6	56.1	9.0	5.2	2.4	4.7
Water Heating ⁶	100.8	74.8	12.5	9.3	4.2	4.0
Refrigerators	101.3	75.1	12.6	9.4	4.3	3.9
Appliances	101.5	75.1	12.6	9.4	4.3	3.9
Quadrillion Btu						
Total Btu Consumption, Where the End Use Is:						
Space Heating	5.18	4.10	0.68	0.27	0.14	5.6
Electric Air-Conditioning	0.42	0.32	0.05	0.04	0.01	7.0
Water Heating	1.92	1.36	0.28	0.20	0.08	4.7
Refrigerators	0.46	0.35	0.06	0.04	0.02	4.1
Other Appliances and Lighting	2.27	1.75	0.27	0.18	0.07	4.0
Million Btu per Household³						
Total Btu Consumption per Household, Where the End Use Is:						
Space Heating	52.0	55.1	54.3	29.8	35.1	4.6
Electric Air-Conditioning	5.7	5.7	5.7	7.2	4.1	5.0
Water Heating	19.0	18.2	22.0	21.1	19.9	2.8
Refrigerators	4.5	4.6	4.4	3.9	3.8	2.4
Other Appliances and Lighting	22.4	23.3	21.7	18.9	17.1	2.1

¹ Includes Native American, Alaskan Native, Asian, and Pacific Islander.

² The RECS cannot be used to accurately estimate the number of households that do not use electricity.

³ The averages for total and for appliances are over the set of all households; otherwise the averages are over the set of households using a given fuel or over the set using a given end use.

⁴ Households where the main or secondary space-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

⁵ The number of households, where the end use is electric air-conditioning, does **not** include households that did not use their equipment (0.9 million). It does include the small number of households where the fuel for central air-conditioning equipment was something other than electricity; those households were treated as if the fuel was electricity.

⁶ Households where the main or secondary water-heating fuel is electricity, natural gas, fuel oil, kerosene, or LPG.

Q = Data withheld either because the Relative Standard Error (RSE) was greater than 50 percent or fewer than 10 households were sampled.

Notes: • To obtain the RSE percentage for any table cell, multiply the corresponding column and row factors. • Because of rounding, data may not sum to totals. • See "Glossary" for definition of terms used in this report.

Source: Energy Information Administration, Office of Energy Markets and End Use, Forms EIA-457 A-G of the 1997 Residential Energy Consumption Survey.