

Table 3. Total Energy Consumption in U.S. Households by Household Income, 1997

	Total	1997 Household Income				Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
		Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.6	1.0	0.8	1.0	1.4	1.0	
Million Households								
Total U.S. Households	101.5	13.3	29.1	31.1	27.9	14.6	34.1	2.7
Number of Households, Fuels Used (more than one may apply):								
Electricity ²	101.4	13.3	29.1	31.1	27.9	14.6	34.0	2.7
Natural Gas	61.9	8.0	17.0	19.0	17.9	9.1	20.4	4.3
Fuel Oil	10.0	1.3	2.5	3.2	3.0	1.4	3.4	10.4
Kerosene	3.5	0.4	1.2	1.2	0.6	0.6	1.4	14.5
LPG	8.1	1.0	2.4	2.7	1.9	1.2	2.8	12.7
Wood	15.0	0.7	3.0	4.7	6.7	1.1	3.0	9.4
Quadrillion Btu								
Total Btu Consumption, Fuels Used:								
Electricity								
Primary	10.72	1.01	2.69	3.27	3.74	1.24	2.98	3.6
Site	3.54	0.33	0.89	1.08	1.24	0.41	0.99	3.6
Natural Gas	5.28	0.53	1.30	1.65	1.80	0.63	1.53	5.5
Fuel Oil	1.01	0.11	0.22	0.31	0.37	0.11	0.30	11.5
Kerosene	0.06	0.01	0.02	0.02	0.01	0.01	0.03	23.5
LPG	0.36	0.04	0.11	0.13	0.08	0.04	0.12	15.3
Wood	0.43	0.03	0.10	0.14	0.15	0.04	0.12	14.3
Total (excludes primary electricity and wood)	10.25	1.02	2.54	3.19	3.49	1.22	2.96	3.2
Physical Units								
Physical Units of Total Consumption, Fuels Used:								
Electricity (billion kWh)	1,037	98	260	317	362	120	289	3.6
Natural Gas (billion cf)	5,143	516	1,270	1,604	1,752	618	1,490	5.5
Fuel Oil (million gallons)	7,273	761	1,598	2,262	2,653	811	2,138	11.5
Kerosene (million gallons)	437	67	161	154	54	98	193	23.5
LPG (million gallons)	3,937	412	1,177	1,428	920	484	1,286	15.3
Wood (million cords)	21.4	1.7	4.9	7.1	7.6	2.1	6.1	14.3
Million Btu per Household³								
Total Btu Consumption per Household, Fuels Used:								
Electricity								
Primary	105.6	76.2	92.3	105.2	134.1	85.1	87.7	2.5
Site	34.9	25.2	30.5	34.7	44.3	28.1	28.9	2.5
Natural Gas	85.3	66.4	76.7	86.9	100.3	69.4	75.0	3.1
Fuel Oil	101.2	81.3	87.9	99.4	123.1	80.8	86.5	4.9
Kerosene	17.0	22.3	17.5	17.5	11.5	21.2	18.8	19.7
LPG	44.6	36.3	44.1	48.6	43.9	38.2	42.2	9.9
Wood	28.5	49.9	33.4	30.7	22.7	38.9	40.4	12.4
Total (excludes primary electricity and wood)	101.0	76.4	87.3	102.6	125.2	83.0	86.7	2.1

See footnotes at end of table.

Table 3. Total Energy Consumption in U.S. Households by Household Income, 1997 (Continued)

	1997 Household Income					Below Poverty Line	Eligible for Federal Assistance ¹	RSE Row Factors
	Total	Less than \$10,000	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 or More			
RSE Column Factor:	0.6	1.6	1.0	0.8	1.0	1.4	1.0	
Physical Units per Household³								
Physical Units of Total Consumption per Household, Fuels Used:								
Electricity (kWh)	10,219	7,372	8,926	10,173	12,974	8,229	8,482	2.5
Natural Gas (thousand cf)	83	65	75	85	98	68	73	3.1
Fuel Oil (gallons)	730	587	634	717	888	583	624	4.9
Kerosene (gallons)	126	166	130	130	85	157	140	19.7
LPG (gallons)	488	398	483	533	480	418	462	9.9
Wood (cords)	1.4	2.5	1.7	1.5	1.1	1.9	2.0	12.4
Million Households								
Number of Households, Where the End Use Is:								
Space Heating ⁴	99.7	12.8	28.5	30.7	27.6	14.0	33.0	2.8
Electric Air-Conditioning ⁵	72.6	8.1	19.3	23.1	22.2	8.3	20.9	3.6
Water Heating ⁶	100.8	13.0	29.0	31.0	27.7	14.4	33.7	2.8
Refrigerators	101.3	13.2	29.1	31.1	27.9	14.6	34.0	2.7
Appliances	101.5	13.3	29.1	31.1	27.9	14.6	34.1	2.7
Quadrillion Btu								
Total Btu Consumption, Where the End Use Is:								
Space Heating	5.18	0.52	1.31	1.64	1.71	0.58	1.48	4.1
Electric Air-Conditioning	0.42	0.04	0.10	0.12	0.16	0.04	0.10	6.0
Water Heating	1.92	0.21	0.48	0.59	0.64	0.27	0.61	3.3
Refrigerators	0.46	0.05	0.12	0.14	0.15	0.06	0.13	3.2
Other Appliances and Lighting	2.27	0.21	0.53	0.71	0.83	0.27	0.63	3.2
Million Btu per Household³								
Total Btu Consumption per Household, Where the End Use Is:								
Space Heating	52.0	40.4	45.9	53.4	62.0	41.3	44.9	3.5
Electric Air-Conditioning	5.7	4.6	5.0	5.1	7.3	4.9	4.8	4.8
Water Heating	19.0	15.8	16.6	19.1	23.1	18.8	18.1	2.3
Refrigerators	4.5	3.8	4.1	4.4	5.5	3.8	3.9	1.9
Other Appliances and Lighting	22.4	15.4	18.4	22.7	29.6	18.5	18.6	2.0

¹ Below 150 percent of poverty line or 60 percent of median State income.

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.

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.