

**Table 2.5 Household Energy Consumption and Expenditures by End Use and Energy Source, Selected Years, 1978-2001**

Year	Space Heating				Air Conditioning <sup>1</sup>	Water Heating				Appliances <sup>2,3</sup>			Total			
	Natural Gas	Electricity <sup>4</sup>	Fuel Oil <sup>5</sup>	LPG <sup>6</sup>		Natural Gas	Electricity <sup>4</sup>	Fuel Oil <sup>5</sup>	LPG <sup>6</sup>	Natural Gas	Electricity <sup>4</sup>	LPG <sup>6</sup>	Natural Gas <sup>1</sup>	Electricity <sup>4</sup>	Fuel Oil <sup>3,5</sup>	LPG <sup>6</sup>
Consumption (quadrillion Btu)																
1978	4.26	0.40	2.05	0.23	0.32	1.04	0.29	0.14	0.06	0.28	1.45	0.03	5.58	2.47	2.19	0.33
1980	3.41	0.27	1.30	0.23	0.36	1.15	0.30	0.22	0.07	0.36	1.54	0.05	4.97	2.48	1.52	0.35
1981	3.69	0.26	1.06	0.21	0.34	1.13	0.30	0.22	0.06	0.43	1.52	0.05	5.27	2.42	1.28	0.31
1982	3.14	0.25	1.04	0.19	0.31	1.15	0.28	0.15	0.06	0.43	1.50	0.05	4.74	2.35	1.20	0.29
1984	3.51	0.25	1.11	0.21	0.32	1.10	0.32	0.15	0.06	0.35	1.59	0.04	4.98	2.48	1.26	0.31
1987	3.38	0.28	1.05	0.22	0.44	1.10	0.31	0.17	0.06	0.34	1.72	0.04	4.83	2.76	1.22	0.32
1990	3.37	0.30	0.93	0.19	0.48	1.16	0.34	0.11	0.06	0.33	1.91	0.03	4.86	3.03	1.04	0.28
1993	3.67	0.41	0.95	0.30	0.46	1.31	0.34	0.12	0.05	0.29	2.08	0.03	5.27	3.28	1.07	0.38
1997	3.61	0.40	0.91	0.26	0.42	1.29	0.39	0.16	0.08	0.37	2.33	0.02	5.28	3.54	1.07	0.36
2001	3.32	0.39	0.62	0.28	0.62	1.15	0.36	0.13	0.05	0.37	2.52	0.05	4.84	3.89	0.75	0.38
Expenditures (billion dollars <sup>7</sup> )																
1978	11.49	3.53	8.06	1.05	4.12	2.88	3.14	0.56	0.36	0.93	19.10	0.25	15.30	29.89	8.62	1.66
1980	13.22	3.78	10.48	1.78	5.84	4.51	4.45	1.76	0.57	1.91	26.74	0.44	19.77	40.81	12.24	2.80
1981	16.62	3.93	9.44	1.78	6.23	5.13	4.94	1.94	0.51	2.17	29.70	0.52	24.03	44.80	11.29	2.81
1982	17.74	4.21	8.80	1.69	6.23	6.51	5.00	1.28	0.54	2.58	31.29	0.52	26.96	46.74	10.07	2.75
1984	20.66	4.62	8.51	2.00	7.06	6.63	6.44	1.09	0.58	2.31	36.36	0.54	29.78	54.48	9.60	3.12
1987	18.05	5.53	6.25	1.85	9.77	6.02	6.45	0.94	0.50	2.02	39.83	0.46	26.15	61.58	7.21	2.81
1990	18.59	6.16	7.42	2.01	11.23	6.59	7.21	0.83	0.65	2.03	46.95	0.48	27.26	71.54	8.25	3.14
1993	21.95	8.66	6.24	2.81	11.31	8.08	7.58	0.74	0.58	1.98	53.52	0.42	32.04	81.08	6.98	3.81
1997	24.11	8.56	6.57	2.79	10.20	8.84	8.99	1.04	0.89	2.86	60.57	0.36	35.81	88.33	7.61	4.04
2001	31.84	8.98	5.66	4.04	15.94	11.31	8.47	1.15	0.69	3.83	66.94	0.86	46.98	100.34	6.83	5.60

<sup>1</sup> A small amount of natural gas used for air conditioning is included in "Natural Gas" under "Total."

<sup>2</sup> Includes refrigerators.

<sup>3</sup> A small amount of distillate fuel oil and kerosene used for appliances is included in "Fuel Oil" under "Total."

<sup>4</sup> One kilowatthour = 3,412 Btu.

<sup>5</sup> Distillate fuel oil and kerosene.

<sup>6</sup> Liquefied petroleum gases.

<sup>7</sup> Nominal dollars.

Notes: • For years not shown, there are no data available. Consumption data by energy source for 1979 are available on Table 2.4. • Totals may not equal sum of components due to independent rounding.

Web Page: For related information, see <http://www.eia.doe.gov/emeu/recs>.

Sources: • 1978—Energy Information Administration (EIA), Form EIA-84, "Residential Energy Consumption Survey." • 1980 forward—EIA, Form EIA-457, "Residential Energy Consumption Survey."