

Table 2.5 Household Energy Consumption and Expenditures by End Use and Energy Source, Selected Years, 1978-2005

Year	Space Heating ¹				Air Conditioning ²	Water Heating				Appliances ^{3,4}			Total				
	Natural Gas	Elec- tricity ⁵	Fuel Oil ⁶	LPG ⁷	Electricity ⁵	Natural Gas	Elec- tricity ⁵	Fuel Oil ⁶	LPG ⁷	Natural Gas	Elec- tricity ⁵	LPG ⁷	Natural Gas ²	Elec- tricity ⁵	Fuel Oil ^{4,6}	LPG ⁷	Wood ⁸
Consumption (quadrillion Btu)																	
1978	4.26	0.40	2.05	0.23	^R 0.31	1.04	0.29	0.14	0.06	0.28	^R 1.46	0.03	5.58	2.47	2.19	0.33	NA
1979	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.31	2.42	1.71	.31	NA
1980	3.41	.27	1.30	.23	.36	1.15	.30	.22	.07	.36	1.54	.05	4.97	2.48	1.52	.35	.85
1981	3.69	.26	1.06	.21	.34	1.13	.30	.22	.06	.43	1.52	.05	5.27	2.42	1.28	.31	.87
1982	3.14	.25	1.04	.19	.31	1.15	.28	.15	.06	.43	1.50	.05	4.74	2.35	1.20	.29	.97
1984	3.51	.25	1.11	.21	.32	1.10	.32	.15	.06	.35	1.59	.04	4.98	2.48	1.26	.31	.98
1987	3.38	.28	1.05	.22	.44	1.10	.31	.17	.06	.34	1.72	.04	4.83	2.76	1.22	.32	.85
1990	3.37	.30	.93	.19	.48	1.16	.34	.11	.06	.33	1.91	.03	4.86	3.03	1.04	.28	.58
1993	3.67	.41	.95	.30	.46	1.31	.34	.12	.05	.29	2.08	.03	5.27	3.28	1.07	.38	.55
1997	3.61	.40	.91	.26	.42	1.29	.39	.16	.08	.37	2.33	.02	5.28	3.54	1.07	.36	.43
2001	3.32	.39	.62	.28	.62	1.15	.36	.13	.05	.37	2.52	.05	4.84	3.89	.75	.38	.37
2005	2.95	.28	.75	.32	.88	1.41	.42	.14	.15	.43	2.77	.05	4.79	4.35	.88	.52	.43
Expenditures (billion nominal dollars ⁹)																	
1978	11.49	3.53	8.06	1.05	^R 3.97	2.88	^R 3.15	0.56	0.36	0.93	^R 19.24	0.25	15.30	29.89	8.62	1.66	NA
1979	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	17.84	32.56	10.73	2.06	NA
1980	13.22	3.78	10.48	1.78	5.84	4.51	4.45	1.76	.57	1.91	26.74	.44	19.77	40.81	12.24	2.80	NA
1981	16.62	3.93	9.44	1.78	6.23	5.13	4.94	1.94	.51	2.17	29.70	.52	24.03	44.80	^R 11.39	2.81	NA
1982	17.74	4.21	8.80	1.69	6.23	6.51	5.00	1.28	.54	2.58	31.29	.52	26.96	46.74	10.07	2.75	NA
1984	20.66	4.62	8.51	2.00	7.06	6.63	6.44	1.09	.58	2.31	36.36	.54	29.78	54.48	9.60	3.12	NA
1987	18.05	5.53	6.25	1.85	9.77	6.02	6.45	.94	.50	2.02	39.83	.46	26.15	61.58	7.21	2.81	NA
1990	18.59	6.16	7.42	2.01	11.23	6.59	7.21	.83	.65	2.03	46.95	.48	27.26	71.54	8.25	3.14	NA
1993	21.95	8.66	6.24	2.81	11.31	8.08	7.58	.74	.58	1.98	53.52	.42	32.04	81.08	6.98	3.81	NA
1997	24.11	8.56	6.57	2.79	10.20	8.84	8.99	1.04	.89	2.86	60.57	.36	35.81	88.33	7.61	4.04	NA
2001	31.84	8.98	5.66	4.04	15.94	11.31	8.47	1.15	.69	3.83	66.94	.86	46.98	100.34	6.83	5.60	NA
2005	31.97	7.42	10.99	6.35	25.26	15.57	11.13	2.00	3.28	4.80	80.92	1.37	52.37	124.74	12.99	11.00	NA

¹ Wood used for space heating is included in "Total Wood."

² A small amount of natural gas used for air conditioning is included in "Total Natural Gas."

³ Includes refrigerators.

⁴ A small amount of distillate fuel oil and kerosene used for appliances is included in "Fuel Oil" under "Total."

⁵ Retail electricity. One kilowatthour=3,412 Btu.

⁶ Distillate fuel oil and kerosene.

⁷ Liquefied petroleum gases.

⁸ Wood used for both space heating and ambience.

⁹ See "Nominal Dollars" in Glossary.

R=Revised. NA=Not available.

Notes: • Data are estimates. • For years not shown, there are no data available. • 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 and 1979—Energy Information Administration (EIA), Form EIA-84, "Residential Energy Consumption Survey." • 1980 forward—EIA, Form EIA-457, "Residential Energy Consumption Survey."