

**Table 3.3 Consumer Price Estimates for Energy by Source, 1970-2009**  
(Dollars <sup>1</sup> per Million Btu)

Year	Primary Energy <sup>2</sup>												Electric Power Sector <sup>11,12</sup>	Retail Electricity <sup>13</sup>	Total Energy <sup>9,10,14</sup>
	Coal	Natural Gas <sup>3</sup>	Petroleum							Nuclear Fuel	Biomass <sup>8</sup>	Total <sup>9,10</sup>			
			Distillate Fuel Oil	Jet Fuel <sup>4</sup>	LPG <sup>5</sup>	Motor Gasoline <sup>6</sup>	Residual Fuel Oil	Other <sup>7</sup>	Total						
1970	0.38	0.59	1.16	0.73	R1.43	2.85	0.42	1.38	R1.71	0.18	1.29	1.08	0.32	4.98	1.65
1971	.42	.63	1.22	.77	R1.46	2.90	.58	1.45	R1.78	.18	1.31	1.15	.38	5.30	1.76
1972	.45	.68	1.22	.79	R1.49	2.88	.62	1.49	1.78	.18	1.33	1.18	.42	5.54	1.84
1973	.48	.73	1.46	.92	R1.97	3.10	.75	1.58	1.97	.19	1.39	1.29	.47	5.86	2.02
1974	.88	.89	2.44	1.58	R2.77	4.32	1.82	2.60	R3.05	.20	1.50	1.94	.87	7.42	2.87
1975	1.03	1.18	2.60	2.05	R2.93	4.65	1.93	2.94	R3.34	.24	1.50	2.19	.97	8.61	3.33
1976	1.04	1.46	2.77	2.25	R3.16	4.84	1.90	3.08	R3.46	.25	1.53	2.34	1.03	9.13	3.57
1977	1.11	1.76	3.11	2.59	R3.61	5.13	2.14	3.27	3.73	.27	1.58	2.58	1.17	10.11	3.98
1978	1.27	1.95	3.26	2.87	R3.56	5.24	2.08	3.45	3.84	.30	1.61	2.71	1.27	10.92	4.23
1979	1.36	2.31	4.69	3.90	R4.46	7.11	2.83	4.70	5.23	.34	1.88	3.47	1.50	11.78	5.21
1980	1.46	2.86	6.70	6.36	R5.59	9.84	3.88	7.04	7.40	.43	2.26	4.57	1.77	13.95	6.89
1981	1.64	3.43	8.03	7.57	R6.13	10.94	4.91	8.67	8.68	.48	2.52	5.25	2.04	16.14	8.03
1982	1.73	4.23	7.78	7.23	R6.60	10.39	4.65	7.87	R8.39	.54	2.60	R5.32	2.05	18.16	8.46
1983	1.70	4.72	7.32	6.53	R7.11	9.12	4.50	7.60	7.77	.58	2.44	R5.11	2.02	18.62	8.39
1984	1.71	4.75	7.37	6.25	R6.88	8.89	4.75	7.72	7.68	.67	2.53	5.04	2.02	18.50	R8.28
1985	1.69	4.61	7.22	5.91	6.55	9.01	4.30	7.55	7.63	.71	2.47	4.92	1.91	19.05	8.37
1986	1.62	4.07	5.68	3.92	R6.43	6.79	2.37	5.80	5.73	.70	2.12	3.97	1.60	19.05	7.30
1987	1.53	3.77	5.97	4.03	R6.05	7.23	2.86	5.63	6.04	.71	2.07	4.00	1.57	18.74	7.34
1988	1.50	3.78	5.83	3.80	R5.86	7.33	2.35	5.26	5.91	.73	2.09	3.89	1.49	18.68	7.26
1989	1.48	3.82	6.43	4.39	R5.51	8.02	2.72	5.50	6.43	.70	1.42	4.07	1.51	18.98	7.55
1990	1.49	3.82	7.68	5.68	R6.72	9.12	3.17	5.82	7.47	.67	1.32	R4.45	1.48	19.32	R8.24
1991	1.48	3.74	7.29	4.83	R6.77	8.93	2.62	R5.73	R7.19	.63	1.39	R4.28	1.40	19.84	8.20
1992	1.45	3.83	7.09	4.52	R6.16	8.96	2.28	R5.51	7.07	.59	1.32	4.24	1.38	20.06	8.13
1993	1.42	4.10	7.08	4.29	R6.17	8.83	2.26	R5.49	R7.00	.56	1.28	R4.25	1.40	20.38	8.25
1994	1.39	4.08	6.99	3.95	R6.61	8.96	2.32	5.47	7.06	.56	1.39	4.27	1.36	20.33	8.30
1995	1.37	3.73	6.98	4.00	R6.51	9.22	2.46	5.74	R7.28	.54	1.40	4.23	1.29	20.29	8.28
1996	1.33	4.25	7.87	4.82	R7.98	9.85	2.80	R6.20	R8.01	.51	1.25	4.63	1.35	20.16	8.75
1997	1.32	4.53	7.66	4.53	R7.39	9.81	2.93	R5.89	7.86	.51	1.15	4.66	1.38	20.13	8.80
1998	1.29	4.13	6.57	3.35	R5.95	8.45	2.15	R5.02	R6.63	.50	1.27	4.08	1.32	19.80	8.20
1999	1.27	4.16	7.19	4.01	R6.60	9.31	2.51	5.30	7.33	.48	1.34	4.37	1.33	19.52	8.53
2000	1.24	5.62	9.86	6.64	R9.55	R11.89	4.32	R7.04	R9.82	.46	1.58	R5.70	1.71	20.03	R10.28
2001	1.29	6.87	R9.18	5.72	R9.54	R11.34	3.99	R6.41	9.32	.44	2.08	5.83	1.85	21.41	10.73
2002	1.30	R5.31	R8.64	5.33	R8.09	R10.69	3.91	R6.59	R8.83	.43	2.19	R5.25	1.54	21.15	R10.06
2003	1.32	R7.08	R10.05	6.46	R10.32	12.34	4.75	R7.62	10.31	.42	1.98	R6.28	1.84	21.85	R11.42
2004	1.41	R7.91	R12.23	8.93	R12.24	R14.67	4.92	R8.56	R12.27	.42	2.17	R7.37	2.00	22.38	12.87
2005	1.62	9.92	R16.41	12.86	R14.58	R17.89	6.65	R10.98	R15.53	.43	3.10	R9.24	2.61	23.92	R15.55
2006	1.78	9.62	R18.55	14.80	R16.85	20.27	7.93	R13.37	R17.92	.44	R3.15	R10.21	2.48	26.15	R17.36
2007	1.88	R9.31	R19.87	16.01	R18.76	R22.01	R8.57	R14.94	R19.47	.46	R3.36	R10.75	2.68	26.84	R18.24
2008	2.21	10.83	26.33	22.56	23.35	25.53	12.64	18.83	24.18	.47	3.71	12.93	3.21	28.64	21.37
2009	2.33	7.66	16.98	12.61	16.38	18.51	9.69	14.29	16.86	.55	3.30	9.37	2.44	28.90	17.03

<sup>1</sup> Prices are not adjusted for inflation. See "Nominal Dollars" in Glossary.

<sup>2</sup> Consumption-weighted average prices for all sectors, including the electric power sector.

<sup>3</sup> Natural gas, plus a small amount of supplemental gaseous fuels.

<sup>4</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only.

<sup>5</sup> Liquefied petroleum gases.

<sup>6</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>7</sup> Consumption-weighted average price for asphalt and road oil, aviation gasoline, kerosene, lubricants, petrochemical feedstocks, petroleum coke, special naphthas, waxes, and miscellaneous petroleum products.

<sup>8</sup> Wood and wood-derived fuels, and biomass waste; excludes fuel ethanol and biodiesel. Through 2000, also includes non-biomass waste.

<sup>9</sup> Includes coal coke imports and exports, which are not separately displayed. In 2009, coal coke imports averaged 10.82 dollars per million Btu, and coal coke exports averaged 4.17 dollars per million Btu.

<sup>10</sup> Includes electricity imports, which are not separately displayed. For 1981-1992, also includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline data for those years.

<sup>11</sup> Electricity-only and combined-heat-and-power (CHP) plants within the NAICS (North American

Industry Classification System) 22 category whose primary business is to sell electricity, or electricity and heat, to the public. Through 1988, data are for electric utilities only; beginning in 1989, data are for electric utilities and independent power producers.

<sup>12</sup> Consumption-weighted average electric power sector price for coal, natural gas, petroleum, nuclear fuel, wood, waste, and electricity imports.

<sup>13</sup> Retail electricity prices paid by ultimate customers, reported by electric utilities and, beginning in 1996, other energy service providers.

<sup>14</sup> Consumption-weighted average price for primary energy and retail electricity in the four end-use sectors (residential, commercial, industrial, and transportation); excludes energy in the electric power sector.

R=Revised.

Notes: • Prices include taxes where data are available. • There are no direct fuel costs for hydroelectric, geothermal, wind, or solar energy.

Web Page: For related information, see <http://www.eia.gov/state/seds/seds-data-complete.cfm>.

Source: U.S. Energy Information Administration, "State Energy Data 2009: Prices and Expenditures" (June 2011), U.S. Table ET1.