

**Table 927. Fossil Fuel Prices by Type of Fuel: 1980 to 2009**

[In dollars per million British thermal units (Btu), except as indicated. For definition of Btu and mineral fuel conversions, see source and text, this section. All fuel prices taken as close to the point of production as possible]

Fuel	1980	1990	1995	2000	2003	2004	2005	2006	2007	2008	2009 <sup>1</sup>
<b>CURRENT DOLLARS</b>											
Composite <sup>2</sup> .....	2.04	1.84	1.47	2.60	3.09	3.61	4.74	4.73	4.95	6.52	3.97
Crude oil <sup>3</sup> .....	3.72	3.45	2.52	4.61	4.75	6.34	8.67	10.29	11.47	16.21	9.72
Natural gas <sup>4</sup> .....	1.45	1.55	1.40	3.32	4.41	4.95	6.64	5.79	5.66	7.24	3.37
Coal <sup>5</sup> .....	1.10	1.00	0.88	0.80	0.87	0.98	1.16	1.24	1.29	1.55	1.65
<b>CONSTANT (2005) DOLLARS</b>											
Composite <sup>2</sup> .....	4.28	2.55	1.81	2.93	3.29	3.73	4.74	4.58	4.66	6.01	3.62
Crude oil <sup>3</sup> .....	7.80	4.78	3.09	5.20	5.05	6.55	8.67	9.97	10.80	14.95	8.86
Natural gas <sup>4</sup> .....	3.03	2.14	1.72	3.75	4.69	5.11	6.64	5.61	5.33	6.67	3.07
Coal <sup>5</sup> .....	2.30	1.38	1.08	0.90	0.93	1.01	1.16	1.20	1.21	1.43	1.50

<sup>1</sup> Preliminary. <sup>2</sup> Derived by multiplying the price per Btu of each fossil fuel by the total Btu content of the production of each fossil fuel and dividing this accumulated value of total fossil fuel production by the accumulated Btu content of total fossil fuel production. <sup>3</sup> Domestic first purchase prices. <sup>4</sup> Wellhead prices. <sup>5</sup> Free-on-board (f.o.b.) rail/barge prices, which are the f.o.b. prices of coal at the point of first sale, excluding freight or shipping and insurance costs. Includes bituminous coal, subbituminous coal, and lignite.

Source: U.S. Energy Information Administration, *Annual Energy Review 2009*, August 2010. See also <<http://www.eia.gov/emeu/aer/finan.html>>.

**Table 928. Energy Expenditures and Average Fuel Prices by Source and Sector: 1980 to 2007**

[In millions of dollars (374,346 represents \$374,346,000,000), except as indicated. For definition of Btu, see text, this section. End-use sector and electric utilities exclude expenditures and prices on energy sources such as hydropower, solar, wind, and geothermal. Also excludes expenditures for reported amounts of energy consumed by the energy industry for production, transportation, and processing operations]

Source and Sector	1980	1990	1995	2000	2003	2004	2005	2006	2007
<b>EXPENDITURES</b>									
(mil. dol.)									
<b>Total</b> <sup>1, 2, 3</sup> .....	<b>374,346</b>	<b>472,539</b>	<b>514,049</b>	<b>687,587</b>	<b>754,668</b>	<b>869,112</b>	<b>1,045,465</b>	<b>1,158,483</b>	<b>1,233,058</b>
Natural gas <sup>4</sup> .....	51,061	65,278	75,020	119,094	144,489	162,702	200,303	190,382	196,482
Petroleum products .....	237,676	235,368	236,905	359,140	378,967	468,354	595,905	681,448	739,856
Motor gasoline <sup>5</sup> .....	124,408	126,558	136,647	193,947	209,592	253,218	311,094	357,129	388,561
Coal .....	22,607	28,602	27,431	28,080	29,402	31,764	36,932	40,005	42,673
Electricity sales .....	98,095	176,691	205,876	231,577	257,995	268,136	295,789	323,965	340,928
Residential sector <sup>6</sup> .....	69,418	111,097	128,388	156,061	179,288	190,120	216,016	226,255	238,695
Commercial sector <sup>2, 3</sup> .....	46,932	79,288	91,788	112,870	129,458	137,903	154,558	166,899	174,108
Industrial sector <sup>2, 3</sup> .....	94,316	102,411	107,060	139,810	150,740	176,639	208,248	227,319	235,692
Transportation sector <sup>2</sup> .....	163,680	179,743	186,813	278,846	295,182	364,450	466,643	538,011	584,564
Motor gasoline <sup>5</sup> .....	121,809	123,845	134,641	191,620	204,878	247,181	303,942	348,544	380,518
Electric utilities <sup>3</sup> .....	38,027	40,626	39,073	60,054	64,685	71,720	95,975	90,104	100,715
<b>AVERAGE FUEL PRICES</b>									
(dol. per mil. Btu)									
<b>All sectors</b> .....	<b>6.89</b>	<b>8.25</b>	<b>8.28</b>	<b>10.31</b>	<b>11.38</b>	<b>12.87</b>	<b>15.52</b>	<b>17.34</b>	<b>18.23</b>
Residential sector <sup>6</sup> .....	7.46	11.88	12.63	14.27	15.85	17.11	19.22	21.55	21.64
Commercial sector <sup>3</sup> .....	7.85	11.89	12.64	13.93	15.61	16.60	18.59	20.64	20.74
Industrial sector <sup>3</sup> .....	4.71	5.23	4.97	6.41	7.39	8.46	10.36	11.33	11.89
Transportation sector .....	8.60	8.27	8.08	10.78	11.20	13.36	16.84	19.10	20.58
Electric utilities <sup>3</sup> .....	1.77	1.48	1.29	1.71	1.84	2.00	2.61	2.48	2.68

<sup>1</sup> Includes other sources not shown separately. <sup>2</sup> Through 1990, total also includes ethanol blended into gasoline that is not included in motor gasoline for those years. <sup>3</sup> There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy. <sup>4</sup> Excludes supplemental gaseous fuels. <sup>5</sup> Beginning 1995, includes fuel ethanol blended into motor gasoline.

<sup>6</sup> There are no direct fuel costs for geothermal, photovoltaic, or solar thermal energy.

Source: U.S. Energy Information Administration, "State Energy Data: Prices and Expenditures," annual, August 2009, <[http://www.eia.doe.gov/emeu/states/state.html?q\\_state\\_a=us&q\\_state=UNITED%20STATES](http://www.eia.doe.gov/emeu/states/state.html?q_state_a=us&q_state=UNITED%20STATES)>.