

**Table F-9**

**Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2015**

**Part II — (prices in nominal dollars per million BTU)**

	<b>1970</b>	<b>1971</b>	<b>1972</b>	<b>1973</b>	<b>1974</b>	<b>1975</b>	<b>1976</b>	<b>1977</b>	<b>1978</b>	<b>1979</b>
Total Primary Energy <sup>f,g,h</sup>	0.79	0.83	0.86	0.94	1.45	1.76	1.93	2.21	2.40	3.09
Total Coal	0.47	0.43	0.54	0.58	0.90	1.24	1.30	1.36	1.48	1.56
Coking Coal	0.38	0.44	0.57	0.66	1.23	1.60	1.67	1.76	1.89	1.75
Steam Coal	0.49	0.43	0.53	0.55	0.82	1.17	1.23	1.27	1.42	1.51
Natural Gas <sup>a</sup>	0.40	0.43	0.44	0.46	0.57	0.80	0.99	1.44	1.45	1.99
Total Petroleum	1.24	1.31	1.30	1.45	2.41	2.72	2.88	3.09	3.16	4.05
Distillate Fuel Oil	0.77	0.82	0.82	0.98	2.10	2.25	2.42	2.68	2.84	3.58
LPG <sup>b</sup>	1.28	1.37	1.34	1.43	2.70	2.54	2.86	3.46	3.72	3.83
Motor Gasoline <sup>c</sup>	2.73	2.89	2.86	3.13	4.32	4.55	4.75	5.04	5.01	6.93
Residual Fuel Oil	0.53	0.63	0.64	0.81	1.60	1.82	1.83	2.15	2.10	2.50
Other <sup>d</sup>	1.23	1.24	1.30	1.31	2.16	2.61	2.85	2.99	3.05	4.17
Wood & Waste <sup>e,f</sup>	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84	2.84
Retail Electricity	4.01	4.15	4.37	4.65	5.41	6.46	7.38	7.79	8.91	9.64
<b>Total Energy<sup>f,g,h</sup></b>	<b>1.15</b>	<b>1.23</b>	<b>1.28</b>	<b>1.37</b>	<b>1.94</b>	<b>2.41</b>	<b>2.54</b>	<b>2.87</b>	<b>3.29</b>	<b>4.00</b>

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**Table F-9(continued)**

**Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2015**

**Part II — (prices in nominal dollars per million BTU)**

	<b>1980</b>	<b>1981</b>	<b>1982</b>	<b>1983</b>	<b>1984</b>	<b>1985</b>	<b>1986</b>	<b>1987</b>	<b>1988</b>	<b>1989</b>
Total Primary Energy <sup>f,g,h</sup>	4.14	4.89	5.24	5.27	5.26	4.90	4.03	4.05	3.97	4.30
Total Coal	1.61	1.73	1.75	1.61	1.62	1.62	1.44	1.30	1.27	1.29
Coking Coal	1.81	2.03	2.04	1.58	1.91	1.93	1.75	1.63	—	—
Steam Coal	1.58	1.69	1.71	1.61	1.59	1.57	1.39	1.27	1.27	1.29
Natural Gas <sup>a</sup>	2.61	3.28	4.34	4.88	4.73	4.14	3.75	3.61	3.79	4.10
Total Petroleum	6.24	7.44	6.99	7.30	7.33	7.03	5.53	5.46	5.05	5.52
Distillate Fuel Oil	5.83	7.00	6.75	6.67	6.61	6.30	4.07	4.51	4.17	4.73
LPG <sup>b</sup>	5.48	6.48	6.30	6.92	7.00	9.65	8.63	7.69	7.67	6.66
Motor Gasoline <sup>c</sup>	9.33	10.15	9.88	8.74	8.48	8.56	6.11	6.81	6.82	7.45
Residual Fuel Oil	3.09	3.75	4.13	4.12	4.66	4.11	2.25	2.61	2.20	2.41
Other <sup>d</sup>	6.19	7.65	7.16	7.58	7.59	7.17	5.85	5.68	5.11	5.67
Wood & Waste <sup>e,f</sup>	2.84	2.84	2.84	2.84	2.84	2.84	2.43	2.43	2.43	2.43
Retail Electricity	11.21	11.80	13.02	13.25	12.32	13.14	14.02	14.36	14.45	14.50
<b>Total Energy<sup>f,g,h</sup></b>	<b>5.19</b>	<b>6.15</b>	<b>6.59</b>	<b>6.89</b>	<b>6.55</b>	<b>6.36</b>	<b>6.01</b>	<b>6.04</b>	<b>5.87</b>	<b>6.29</b>

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**Table F-9(continued)**

**Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2015**

**Part II — (prices in nominal dollars per million BTU)**

	<b>1990</b>	<b>1991</b>	<b>1992</b>	<b>1993</b>	<b>1994</b>	<b>1995</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>
Total Primary Energy <sup>f,g,h</sup>	4.53	4.22	4.02	4.41	4.23	4.23	4.77	4.85	4.25	4.46
Total Coal	1.31	1.34	1.34	1.36	1.43	1.42	1.36	1.32	1.33	1.30
Coking Coal	—	—	—	—	—	—	—	—	—	—
Steam Coal	1.31	1.34	1.34	1.36	1.43	1.42	1.36	1.32	1.33	1.30
Natural Gas <sup>a</sup>	4.14	4.04	3.86	4.23	4.15	3.46	4.30	4.70	4.42	4.34
Total Petroleum	5.94	5.50	5.07	5.59	5.03	5.56	6.07	6.38	5.08	5.32
Distillate Fuel Oil	5.82	5.19	5.13	4.97	4.83	4.84	5.81	5.33	4.21	4.98
LPG <sup>b</sup>	8.29	7.35	7.38	9.77	7.19	7.54	9.19	8.95	7.82	8.02
Motor Gasoline <sup>c</sup>	8.61	8.30	8.11	7.96	8.19	8.36	9.34	9.30	7.87	8.63
Residual Fuel Oil	2.60	2.21	2.28	2.26	1.62	2.36	2.79	2.92	2.00	1.97
Other <sup>d</sup>	5.73	5.28	4.72	5.01	4.47	4.91	5.00	5.79	4.82	4.57
Wood & Waste <sup>e,f</sup>	1.77	1.77	1.77	1.77	1.94	1.91	1.91	1.81	1.21	1.08
Retail Electricity	14.50	14.37	14.01	13.81	13.55	13.29	13.01	13.07	12.97	12.85
<b>Total Energy<sup>f,g,h</sup></b>	<b>6.56</b>	<b>6.42</b>	<b>6.20</b>	<b>6.40</b>	<b>6.11</b>	<b>6.07</b>	<b>6.48</b>	<b>6.64</b>	<b>6.26</b>	<b>6.23</b>

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**Table F-9(continued)**

**Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2015**

**Part II — (prices in nominal dollars per million BTU)**

	<b>2000</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
Total Primary Energy <sup>f,g,h</sup>	6.12	6.09	5.77	6.87	7.53	9.47	10.51	11.40	12.81	10.27
Total Coal	1.37	1.46	1.55	1.47	1.64	1.80	2.01	2.11	2.67	2.64
Coking Coal	—	—	—	—	—	—	—	—	—	—
Steam Coal	1.37	1.46	1.55	1.47	1.64	1.80	2.01	2.11	2.67	2.64
Natural Gas <sup>a</sup>	5.69	7.44	5.94	7.82	8.63	10.78	11.59	10.63	11.25	9.50
Total Petroleum	7.65	6.28	6.56	7.48	8.07	10.24	11.62	13.81	16.45	12.74
Distillate Fuel Oil	7.91	7.22	6.54	7.79	10.01	14.28	16.32	<sup>R</sup> 18.37	24.58	14.64
LPG <sup>b</sup>	11.17	11.85	9.87	12.22	13.59	16.79	18.59	20.86	24.88	19.20
Motor Gasoline <sup>c</sup>	11.40	10.84	10.32	11.66	13.91	17.32	19.44	21.51	24.79	17.92
Residual Fuel Oil	3.50	4.03	3.76	4.77	5.31	7.11	8.26	8.45	10.62	7.85
Other <sup>d</sup>	6.28	4.79	5.11	5.46	5.00	5.89	7.38	8.87	10.62	10.30
Wood & Waste <sup>e,f</sup>	1.15	1.29	1.57	1.69	1.66	1.73	1.59	1.65	1.73	1.59
Retail Electricity	12.98	12.88	12.96	13.17	13.54	13.31	13.41	13.96	14.43	15.89
<b>Total Energy<sup>f,g,h</sup></b>	<b>7.72</b>	<b>7.52</b>	<b>7.22</b>	<b>8.12</b>	<b>8.56</b>	<b>10.24</b>	<b>11.14</b>	<b>11.98</b>	<b>13.20</b>	<b>11.62</b>

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**Table F-9**

**Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2015**

**Part II — (prices in nominal dollars per million BTU)**

	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
Total Primary Energy <sup>f,g,h</sup>	<sup>R</sup> 11.30	13.61	12.04	<sup>R</sup> 12.57	12.33	10.16
Total Coal	2.74	2.61	2.88	2.68	2.71	2.77
Coking Coal	—	—	—	—	—	—
Steam Coal	2.74	2.61	2.88	2.68	2.71	2.77
Natural Gas <sup>a</sup>	8.65	8.47	7.79	<sup>R</sup> 8.08	7.89	7.51
Total Petroleum	15.93	20.44	19.62	21.42	20.88	14.87
Distillate Fuel Oil	18.53	25.05	<sup>R</sup> 25.26	<sup>R</sup> 24.65	<sup>R</sup> 23.01	14.77
LPG <sup>b</sup>	21.78	24.26	19.34	20.57	23.44	16.41
Motor Gasoline <sup>c</sup>	11.46	15.36	16.63	16.41	15.69	10.10
Residual Fuel Oil	12.64	16.25	15.46	18.76	18.63	14.28
Other <sup>d</sup>	1.56	2.10	<sup>R</sup> 1.99	<sup>R</sup> 1.94	<sup>R</sup> 2.03	2.06
Wood & Waste <sup>e,f</sup>	16.13	17.14	17.27	18.45	18.63	18.86
Retail Electricity	<b>12.62</b>	<b>14.63</b>	<b>13.54</b>	<b>14.26</b>	<b>14.07</b>	<b>12.49</b>
<b>Total Energy<sup>f,g,h</sup></b>						

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**Table F-9(continued)**  
**Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2015**  
**Part II — (prices in nominal dollars per million BTU)**

<sup>a</sup> Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

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

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

<sup>d</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and other petroleum products

<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.

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

<sup>h</sup> From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

R = Revised data

— = No consumption, including cases where adjustments were made.

Notes: Expenditure totals may not equal sum of components due to independent rounding.

**Source:** Department of Energy, Energy Information Administration, State Energy Price and Expenditure Report