

**Table F-8**

**Missouri Commercial Sector Energy Price and Expenditure Estimates by Source: 1970-2016**  
**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>	0.70	0.74	0.81	0.87	1.17	1.38	1.57	2.06	2.16	2.78
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>	0.62	0.65	0.74	0.78	0.89	1.14	1.35	1.86	1.99	2.58
Total Petroleum <sup>d</sup>	0.95	1.07	1.09	1.23	2.34	2.36	2.51	2.86	2.96	3.81
Distillate Fuel Oil	1.03	1.11	1.12	1.24	2.29	2.45	2.67	3.01	3.07	4.80
Kerosene	0.82	0.89	0.89	1.06	2.26	2.40	2.60	2.88	3.09	3.78
LPG <sup>b</sup>	1.25	1.33	1.29	1.38	2.58	2.41	2.71	3.24	3.47	3.63
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	0.57	0.67	0.59	0.78	1.79	1.77	1.72	2.03	1.99	2.52
Wood and Waste <sup>e,f</sup>	0.61	0.64	0.64	0.74	1.14	1.20	1.28	1.45	1.53	2.20
Retail Electricity	7.00	7.23	7.37	7.60	8.43	9.46	10.58	10.65	12.01	12.79
<b>Total Energy<sup>f,g,h</sup></b>	<b>1.66</b>	<b>1.78</b>	<b>1.87</b>	<b>2.08</b>	<b>2.43</b>	<b>2.86</b>	<b>3.64</b>	<b>4.20</b>	<b>4.54</b>	<b>5.35</b>

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**Table F-8(continued)**

**Missouri Commercial Sector Energy Price and Expenditure Estimates by Source: 1970-2016**

**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>	3.33	4.08	5.04	5.53	5.34	5.13	4.39	4.13	4.15	4.30
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>	2.88	3.54	4.68	5.46	5.18	4.88	4.35	4.06	4.17	4.31
Total Petroleum <sup>d</sup>	5.65	7.39	7.07	6.36	6.49	6.87	4.94	5.02	4.77	5.40
Distillate Fuel Oil	6.49	7.80	7.46	6.38	6.37	6.04	3.70	4.22	3.81	4.45
Kerosene	6.10	7.37	7.15	6.80	8.07	10.06	11.02	6.39	6.27	6.79
LPG <sup>b</sup>	5.19	6.07	5.85	6.40	6.47	8.92	8.08	7.25	7.21	6.32
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	3.47	4.50	4.29	4.20	4.66	4.11	2.25	2.61	2.20	2.41
Wood and Waste <sup>e,f</sup>	3.06	3.77	3.66	3.54	3.60	3.46	2.78	2.65	2.67	2.95
Retail Electricity	14.33	15.42	16.70	17.55	17.01	17.94	19.02	19.04	19.06	19.03
<b>Total Energy<sup>f,g,h</sup></b>	<b>6.83</b>	<b>7.87</b>	<b>8.90</b>	<b>9.62</b>	<b>9.56</b>	<b>10.22</b>	<b>10.36</b>	<b>10.40</b>	<b>10.52</b>	<b>10.83</b>

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**Table F-8(continued)**

**Missouri Commercial Sector Energy Price and Expenditure Estimates by Source: 1970-2016**  
**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>	4.57	4.48	4.50	4.81	4.79	4.43	5.43	5.78	5.46	5.35
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>	4.48	4.46	4.46	4.74	4.82	4.36	5.29	5.82	5.62	5.40
Total Petroleum <sup>d</sup>	6.48	5.79	5.73	6.54	5.86	5.84	7.24	7.32	5.85	6.50
Distillate Fuel Oil	5.46	4.84	4.64	4.46	4.26	4.27	5.20	4.88	3.80	4.32
Kerosene	11.50	7.47	7.08	6.24	5.96	4.93	5.96	5.58	4.28	4.85
LPG <sup>b</sup>	7.70	6.81	6.87	9.03	7.66	7.66	9.28	9.80	8.75	8.19
Motor Gasoline <sup>c</sup>	8.61	8.30	8.11	7.92	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
Wood and Waste <sup>e,f</sup>	3.56	3.41	3.12	3.05	2.96	2.89	3.30	3.17	2.79	2.87
Retail Electricity	18.98	18.79	18.81	18.45	18.28	18.20	17.81	17.69	17.58	17.54
<b>Total Energy<sup>f,g,h</sup></b>	<b>11.22</b>	<b>11.02</b>	<b>11.10</b>	<b>10.91</b>	<b>11.09</b>	<b>11.05</b>	<b>11.13</b>	<b>11.40</b>	<b>11.75</b>	<b>11.55</b>

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**Table F-8(continued)**

**Missouri Commercial Sector Energy Price and Expenditure Estimates by Source: 1970-2016**

**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>	6.93	9.23	7.05	8.28	9.64	11.16	12.38	11.66	12.86	11.02
Coal	1.37	1.46	1.55	1.47	1.64	1.80	2.01	2.11	3.61	3.89
Natural Gas <sup>a</sup>	6.82	9.76	7.25	8.47	9.81	11.39	12.68	11.59	11.94	10.75
Total Petroleum <sup>d</sup>	8.96	9.33	7.78	9.61	11.60	15.24	17.10	18.68	23.20	16.51
Distillate Fuel Oil	7.0	6.47	5.85	7.04	9.16	13.62	15.74	<sup>R</sup> 17.29	23.63	13.89
Kerosene	9.11	9.13	8.38	9.92	11.01	15.23	19.36	21.95	23.08	23.30
LPG <sup>b</sup>	10.89	12.29	9.08	11.32	13.29	16.07	17.84	19.26	22.94	18.35
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
Wood and Waste <sup>e,f</sup>	4.26	4.22	3.82	4.59	5.21	6.91	7.96	<sup>R</sup> 8.79	10.83	8.07
Retail Electricity	17.10	17.29	17.27	16.94	17.01	17.36	17.81	18.58	19.37	20.41
<b>Total Energy<sup>f,g,h</sup></b>	<b>12.33</b>	<b>13.33</b>	<b>12.58</b>	<b>13.01</b>	<b>13.68</b>	<b>14.72</b>	<b>15.59</b>	<b>15.79</b>	<b>16.56</b>	<b>16.50</b>

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**Missouri Commercial Sector Energy Price and Expenditure Estimates by Source: 1970-2016**  
**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>	<b>2016</b>
Total Primary Energy <sup>f,g,h</sup>	10.71	<sup>R</sup> 10.78	10.75	10.22	10.18	10.42	8.67
Coal	3.72	3.33	3.67	3.40	3.41	3.55	3.49
Natural Gas <sup>a</sup>	10.23	9.91	9.46	8.87	8.84	9.06	7.71
Total Petroleum <sup>d</sup>	<sup>R</sup> 18.66	<sup>R</sup> 23.38	<sup>R</sup> 21.04	<sup>R</sup> 21.14	<sup>R</sup> 21.35	<sup>R</sup> 15.06	13.44
Distillate Fuel Oil	17.61	23.91	24.46	24.10	22.47	13.28	11.11
Kerosene	24.75	28.01	29.38	30.03	32.32	16.69	13.3
LPG <sup>b</sup>	19.27	21.39	19.09	50.35	22.87	19.89	N/A
Motor Gasoline <sup>c</sup>	21.48	27.35	27.95	27.25	26.06	18.70	16.63
Residual Fuel Oil	11.46	—	16.63	—	—	—	—
Wood and Waste <sup>e,f</sup>	9.59	11.53	12.84	11.08	<sup>R</sup> 8.57	<sup>R</sup> 6.46	12.6
Retail Electricity	21.99	23.58	24.03	25.80	26.08	26.85	27.14
<b>Total Energy<sup>f,g,h</sup></b>	<b>17.41</b>	<sup>R</sup> <b>18.37</b>	<sup>R</sup> <b>18.85</b>	<sup>R</sup> <b>19.10</b>	<sup>R</sup> <b>18.78</b>	<sup>R</sup> <b>19.50</b>	<b>19.34</b>

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**Table F-8(continued)**  
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**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 small amounts of petroleum coke not shown separately.

<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

N/A = Not available

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

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