

Table F-9

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

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

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total Primary Energy ^{f,g,h}	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 ^a	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 ^b	1.28	1.37	1.34	1.43	2.70	2.54	2.86	3.46	3.72	3.83
Motor Gasoline ^c	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 ^d	1.23	1.24	1.30	1.31	2.16	2.61	2.85	2.99	3.05	4.17
Wood & Waste ^{e,f}	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
Total Energy^{f,g,h}	1.15	1.23	1.28	1.37	1.94	2.41	2.54	2.87	3.29	4.00

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Table F-9(continued)

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

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

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total Primary Energy ^{f,g,h}	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 ^a	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 ^b	5.48	6.48	6.30	6.92	7.00	9.65	8.63	7.69	7.67	6.66
Motor Gasoline ^c	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 ^d	6.19	7.65	7.16	7.58	7.59	7.17	5.85	5.68	5.11	5.67
Wood & Waste ^{e,f}	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
Total Energy^{f,g,h}	5.19	6.15	6.59	6.89	6.55	6.36	6.01	6.04	5.87	6.29

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Table F-9(continued)

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

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Primary Energy ^{f,g,h}	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 ^a	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 ^b	8.29	7.35	7.38	9.77	7.19	7.54	9.19	8.95	7.82	8.02
Motor Gasoline ^c	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 ^d	5.73	5.28	4.72	5.01	4.47	4.91	5.00	5.79	4.82	4.57
Wood & Waste ^{e,f}	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
Total Energy^{f,g,h}	6.56	6.42	6.20	6.40	6.11	6.07	6.48	6.64	6.26	6.23

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Table F-9(continued)

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

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

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Primary Energy ^{f,g,h}	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 ^a	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	^R 18.37	24.58	14.64
LPG ^b	11.17	11.85	9.87	12.22	13.59	16.79	18.59	20.86	24.88	19.20
Motor Gasoline ^c	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 ^d	6.28	4.79	5.11	5.46	5.00	5.89	7.38	8.87	10.62	10.30
Wood & Waste ^{e,f}	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
Total Energy^{f,g,h}	7.72	7.52	7.22	8.12	8.56	10.24	11.14	11.98	13.20	11.62

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Table F-9

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

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

	2010	2011	2012	2013	2014	2015	2016
Total Primary Energy ^{f,g,h}	R10.97	R13.23	R11.62	R12.14	R11.91	R9.55	8.36
Total Coal	2.74	2.61	2.88	2.68	2.71	2.77	41.9
Coking Coal	—	—	—	—	—	—	—
Steam Coal	2.74	2.61	2.88	2.68	2.71	2.77	2.62
Natural Gas ^a	8.65	8.47	7.79	8.08	7.89	7.51	6.15
Total Petroleum	R15.26	R19.61	R18.56	R20.26	R19.69	R13.50	11.77
Distillate Fuel Oil	18.53	25.05	25.26	24.65	23.01	14.77	11.88
LPG ^b	21.78	24.26	19.34	20.57	23.44	16.41	N/A
Motor Gasoline ^c	21.48	27.35	27.95	27.25	26.06	18.70	16.63
Residual Fuel Oil	11.46	15.36	16.63	16.41	15.69	10.10	7.20
Other ^d	R11.39	R14.63	R13.90	R17.04	R16.73	R12.35	11.28
Wood & Waste ^{e,f}	R1.58	R2.16	R2.06	R2.07	R2.15	R2.12	1.92
Retail Electricity	16.13	17.14	17.27	18.45	18.63	18.86	20.87
Total Energy^{f,g,h}	R12.38	R14.36	R13.23	R13.94	R13.75	R12.04	11.27

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Table F-9(continued)
Missouri Industrial Sector Energy Price and Expenditure Estimates by Source: 1970-2016
Part II — (prices in nominal dollars per million BTU)

^a Natural gas as it is consumed; includes supplemental gaseous fuels that are commingled with natural gas.

^b Liquefied petroleum gases.

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and other petroleum products

^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.

^f 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.

^g There are no direct fuel costs for hydroelectric, geothermal, wind, photovoltaic, or solar thermal energy.

^h 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.

N/A = Not available.

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