

Table F-7
Missouri 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 ^{g,h,i,j}	1.17	1.24	1.26	1.37	1.87	2.08	2.23	2.49	2.64	3.42
Total Coal	0.29	0.31	0.33	0.37	0.48	0.62	0.70	0.81	1.05	1.10
Coking Coal	0.38	0.44	0.57	0.66	1.23	1.60	1.67	1.76	1.89	1.75
Steam Coal	0.29	0.30	0.32	0.36	0.46	0.60	0.68	0.80	1.04	1.10
Natural Gas ^a	0.64	0.67	0.75	0.78	0.89	1.16	1.37	1.84	1.95	2.52
Total Petroleum	1.99	2.13	2.12	2.39	3.42	3.67	3.87	4.14	4.14	5.73
Distillate Fuel Oil	1.05	1.11	1.11	1.33	2.36	2.52	2.70	2.98	3.10	4.49
Jet Fuel ^p	0.75	0.78	0.78	0.93	1.60	2.09	2.26	2.69	2.90	4.03
LPG ^c	1.73	1.74	1.77	2.80	2.87	3.02	3.44	3.95	3.88	5.15
Motor Gasoline ^d	2.73	2.89	2.86	3.13	4.32	4.55	4.75	5.04	5.01	6.93
Residual Fuel Oil	0.56	0.66	0.60	0.79	1.71	1.78	1.75	2.05	2.01	2.48
Other ^e	1.52	1.53	1.64	1.65	2.59	3.02	3.22	3.32	3.40	4.69
Nuclear Fuel	—	—	—	—	—	—	—	—	—	—
Wood and Waste ^{f,g}	1.85	1.94	1.97	2.08	2.27	2.19	2.22	2.19	2.26	2.52
Electric Power Sector ^{h,j}	0.26	0.29	0.31	0.34	0.44	0.57	0.66	0.81	1.06	1.11
Retail Electricity	6.17	6.32	6.54	6.81	7.60	8.64	9.87	10.29	11.49	12.24
Total Energy^{g,h,i}	1.85	1.97	2.02	2.23	2.91	3.32	3.61	4.04	4.30	5.48

Table F-7 (continued)
Missouri 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 ^{g,h,i,j}	4.32	4.91	5.13	4.87	4.70	4.57	3.74	3.88	3.80	4.07
Total Coal	1.22	1.38	1.45	1.50	1.50	1.51	1.46	1.40	1.37	1.35
Coking Coal	1.81	2.03	2.04	1.58	1.91	1.93	1.75	1.63	—	—
Steam Coal	1.21	1.37	1.45	1.50	1.50	1.51	1.46	1.40	1.37	1.35
Natural Gas ^a	2.95	3.65	4.80	5.56	5.35	4.94	4.52	4.28	4.37	4.51
Total Petroleum	8.11	9.19	8.85	8.14	8.00	7.94	5.89	6.36	6.24	6.86
Distillate Fuel Oil	6.61	7.86	7.56	6.99	7.04	6.78	5.25	5.72	5.48	6.10
Jet Fuel ^p	6.47	7.60	7.19	6.44	6.27	5.90	3.95	4.13	3.89	4.36
LPG ^c	6.27	6.75	7.23	7.36	7.21	8.27	6.78	6.84	7.14	7.41
Motor Gasoline ^d	9.33	10.15	9.88	8.74	8.48	8.56	6.11	6.81	6.82	7.45
Residual Fuel Oil	3.33	3.83	4.16	4.16	4.64	4.09	2.25	2.60	2.14	2.35
Other ^e	7.00	8.73	8.13	8.60	8.61	8.21	6.98	6.76	6.17	6.93
Nuclear Fuel	—	—	—	—	0.78	0.82	0.82	0.52	0.73	0.71
Wood and Waste ^{f,g}	2.98	3.39	3.36	3.25	3.32	3.24	2.66	2.56	2.58	2.85
Electric Power Sector ^{h,j}	1.25	1.39	1.48	1.53	1.50	1.41	1.38	1.32	1.29	1.26
Retail Electricity	13.91	14.61	16.09	16.96	16.11	17.16	18.45	18.90	18.94	18.92
Total Energy^{g,h,i}	7.19	8.13	8.51	8.58	8.28	8.31	7.42	7.76	7.72	8.13

This table has been produced by
 The State & Regional Fiscal Studies Unit
 University of Missouri-Columbia

Table F-7 (continued)
Missouri Energy Price and Expenditure Estimates by Source: 1970-2016
Part II — (prices in nominal dollars per million BTU)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Primary Energy ^{g,h,i,j}	4.56	4.32	4.34	4.44	4.24	4.14	4.67	4.64	4.06	4.36
Total Coal	1.35	1.34	1.34	1.25	1.12	1.01	0.97	0.96	0.94	0.94
Coking Coal	—	—	—	—	—	—	—	—	—	—
Steam Coal	1.35	1.34	1.34	1.25	1.12	1.01	0.97	0.96	0.94	0.94
Natural Gas ^a	4.69	4.52	4.60	4.88	4.86	4.36	5.29	5.79	5.49	5.31
Total Petroleum	8.00	7.62	7.37	7.20	7.16	7.30	8.30	8.29	6.92	7.54
Distillate Fuel Oil	7.38	6.90	6.79	6.74	6.80	6.74	7.84	7.63	6.45	7.16
Jet Fuel ^p	5.68	4.81	4.57	4.24	3.94	3.99	4.85	4.59	3.43	4.15
LPG ^c	8.99	8.02	7.41	8.19	7.59	7.62	9.42	9.14	7.84	7.90
Motor Gasoline ^d	8.61	8.30	8.11	7.96	8.19	8.36	9.34	9.30	7.87	8.63
Residual Fuel Oil	2.54	2.14	2.22	2.23	1.63	2.30	2.72	2.86	1.98	1.98
Other ^e	7.23	7.17	6.59	6.30	5.50	5.93	6.52	7.68	6.56	6.18
Nuclear Fuel	0.74	0.71	0.58	0.56	0.49	0.48	0.47	0.47	0.49	0.47
Wood and Waste ^{f,g}	3.26	3.15	2.92	2.83	2.79	2.65	2.96	2.81	2.27	2.41
Electric Power Sector ^{h,j}	1.27	1.25	1.23	1.14	1.01	0.94	0.91	0.90	0.91	0.93
Retail Electricity	18.94	18.95	18.79	18.55	18.41	18.32	17.91	17.86	17.82	17.78
Total Energy^{g,h,i}	8.95	8.79	8.56	8.53	8.53	8.54	9.15	9.27	8.60	8.88

Table F-7(continued)
Missouri 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 ^{g,h,i,j}	5.50	5.64	5.06	5.67	6.62	8.13	8.95	9.85	11.41	8.56
Total Coal	0.93	0.98	0.92	0.93	0.95	1.04	1.14	1.35	1.54	1.56
Coking Coal	—	—	—	—	—	—	—	—	—	—
Steam Coal	0.93	0.98	0.92	0.93	0.95	1.04	1.14	1.35	1.54	1.56
Natural Gas ^a	6.65	8.83	6.77	8.45	9.59	11.28	12.11	11.27	11.66	10.48
Total Petroleum	10.46	9.63	9.10	10.46	12.33	15.74	17.76	19.73	24.09	17.16
Distillate Fuel Oil	9.67	8.99	8.45	9.73	11.81	16.23	18.18	^R 19.59	26.00	16.47
Jet Fuel ^p	6.50	5.33	5.33	6.44	8.91	12.99	15.01	16.00	24.63	12.77
LPG ^c	10.94	12.25	9.85	11.97	13.60	16.44	18.17	20.14	23.65	19.01
Motor Gasoline ^d	11.40	10.84	10.32	11.66	13.91	17.32	19.44	21.51	24.79	17.92
Residual Fuel Oil	3.51	4.00	3.65	4.65	5.20	6.93	8.01	8.35	10.62	7.35
Other ^e	8.11	5.91	6.48	7.19	6.52	7.85	9.73	11.78	14.19	14.19
Nuclear Fuel	0.41	0.38	0.39	0.41	0.43	0.42	0.42	0.47	0.47	0.59
Wood and Waste ^{f,g}	3.47	3.58	3.26	3.92	4.36	6.13	6.70	^R 7.39	9.08	6.94
Electric Power Sector ^{h,j}	1.01	1.07	0.93	0.98	1.03	1.23	1.24	1.52	1.71	1.56
Retail Electricity	17.63	17.67	17.84	17.65	17.79	17.96	18.47	19.24	20.04	21.54
Total Energy^{g,h,i}	11.00	11.03	10.35	11.35	12.70	15.11	16.66	17.78	20.33	16.67

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Missouri 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 ^{g,h,i,j}	R9.60	R11.38	R11.50	R11.40	R11.34	R8.95	8.18
Total Coal	1.61	1.74	1.89	1.93	2.02	1.93	1.89
Coking Coal	—	—	—	—	—	—	—
Steam Coal	1.61	1.74	1.89	1.93	2.02	1.93	1.89
Natural Gas ^a	9.64	9.64	8.71	8.80	8.92	8.69	7.34
Total Petroleum	R20.59	R26.20	R26.57	R26.33	R25.47	R17.99	15.85
Distillate Fuel Oil	20.25	26.22	26.82	26.76	25.90	17.7	14.98
Jet Fuel ^p	16.27	22.93	22.97	22.06	20.59	11.88	9.72
LPG ^c	20.72	23.57	21.72	23.44	26.69	19.93	N/A
Motor Gasoline ^d	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	7.11
Other ^e	R15.88	R19.70	R19.08	R22.34	R22.04	R17.67	16.88
Nuclear Fuel	0.67	0.72	0.92	0.90	0.88	0.88	0.89
Wood and Waste ^{f,g}	R7.86	R10.34	R11.15	R11.26	R10.52	R7.09	5.82
Electric Power Sector ^{h,j}	1.67	1.77	1.84	1.92	2.03	1.84	1.82
Retail Electricity	22.81	24.38	24.99	26.49	26.71	27.67	28.56
Total Energy^{g,h,i}	R18.76	R22.27	R22.61	R22.32	R21.73	R18.31	17.18

Table F-7 (continued)
Missouri 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 Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Other Petroleum."

^c Liquefied petroleum gases.

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

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

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

^g 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.

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

ⁱ From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^j Electricity imports are included in total primary energy and electric power sector but are not shown separately.

R = Revised data

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

N/A = Not available.

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

Source: Department of Energy, Energy Information Administration, [State Energy Data: Prices and Expenditures](#).