

Table F-10

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

Part I — (expenditures in million nominal dollars)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total Primary Energy ^d	224.8	230.3	256.4	306.4	317.1	370.8	431.0	513.1	533.8	675.3
Coal	1.0	0.9	0.9	1.3	2.1	1.7	1.8	1.3	2.5	2.5
Natural Gas ^a	150.9	155.8	175.6	178.3	194.1	232.0	272.2	336.5	364.0	444.6
Total Petroleum	71.5	72.3	78.6	125.6	118.7	134.3	153.5	170.6	161.7	218.1
Distillate Fuel	9.1	9.9	11.6	12.7	19.8	21.9	25.7	27.3	31.6	50.7
Kerosene	0.6	0.7	0.4	0.4	0.6	0.5	0.8	0.8	0.7	1.4
LPG ^b	61.9	61.7	66.6	112.4	98.3	112.0	127.0	142.5	129.4	166.0
Wood ^c	1.4	1.3	1.3	1.4	2.3	2.8	3.5	4.7	5.7	10.0
Retail Electricity	259.5	279.6	306.8	336.6	370.1	468.8	503.6	582.6	709.9	763.1
Total Energy^d	484.3	509.9	563.2	643.1	687.1	839.7	934.6	1,095.7	1,243.8	1,438.4
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total Primary Energy ^d	660.3	716.6	920.5	979.8	903.9	851.2	727.6	678.0	735.9	801.4
Coal	0.6	0.7	0.5	0.9	1.1	1.4	0.8	1.7	1.3	1.7
Natural Gas ^a	471.2	516.9	707.3	775.2	763.9	703.3	606.9	552.4	610.8	624.5
Total Petroleum	179.2	188.7	200.8	193.0	125.5	133.2	110.2	116.1	115.3	165.7
Distillate Fuel	49.7	66.5	51.4	29.5	35.6	33.1	24.9	19.5	18.3	18.9
Kerosene	2.6	4.2	6.8	2.7	3.7	5.4	3.6	1.9	2.1	2.6
LPG ^b	126.9	118.0	142.6	160.8	86.2	94.7	81.7	94.6	94.9	144.1
Wood ^c	9.2	10.2	11.9	10.7	13.4	13.2	9.7	7.9	8.5	9.5
Retail Electricity	967.9	914.4	1,021.8	1,236.3	1,131.8	1,215.3	1,386.2	1,496.5	1,565.0	1,545.0
Total Energy^d	1,628.2	1,630.9	1,942.3	2,216.1	2,035.7	2,066.5	2,113.8	2,174.5	2,300.9	2,346.4

Table F-10 (continued)
Missouri Residential Sector Energy Price and Expenditure Estimates by Source: 1970-2015
Part I — (expenditures in million nominal dollars)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Primary Energy ^d	785.3	824.1	773.4	901.0	847.5	830.9	1,115.7	1,100.1	886.7	923.8
Coal	1.9	1.5	1.2	1.8	0.7	0.6	0.6	0.6	0.4	0.6
Natural Gas ^a	603.9	620.2	595.6	720.1	665.4	645.9	818.7	843.6	727.8	712.6
Total Petroleum	164.4	187.2	162.0	167.2	170.4	173.6	283.6	245.9	150.8	202.5
Distillate Fuel	17.4	16.9	11.1	13.2	11.9	13.6	13.0	12.4	9.8	11.0
Kerosene	1.9	1.6	0.8	1.3	0.8	0.9	1.9	1.4	1.2	1.5
LPG ^b	145.1	168.8	150.1	152.7	157.7	159.1	268.7	232.1	139.7	190.0
Wood ^c	15.1	15.1	14.5	11.9	11.0	10.7	12.8	10.0	7.7	8.1
Retail Electricity	1,592.7	1,727.7	1,583.5	1,756.7	1,754.4	1,842.9	1,872.8	1,885.0	2,001.4	1,976.5
Total Energy^d	2,378.1	2,551.8	2,356.9	2,657.7	2,601.8	2,673.8	2,988.5	2,985.1	2,888.1	2,900.3
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Primary Energy ^d	1,171.5	1,649.0	1,184.7	1,397.7	1,507.4	1,696.2	1,697.1	1,778.9	2,137.8	1,785.0
Coal	0.4	0.6	0.5	0.6	0.5	0.9	0.7	1.1	—	—
Natural Gas ^a	906.4	1,216.5	913.5	1,087.1	1,209.3	1,353.9	1,359.4	1,363.5	1,523.4	1,340.5
Total Petroleum	251.6	419.4	259.1	295.4	280.6	301.1	295.8	364.0	545.0	377.9
Distillate Fuel	16.1	20.6	13.2	11.1	12.3	14.1	15.1	16.0	14.0	7.0
Kerosene	3.6	4.0	2.4	4.0	5.5	6.8	7.3	6.7	2.9	3.3
LPG ^b	232.0	394.8	243.5	280.3	262.8	280.1	273.4	341.3	528.1	367.6
Wood ^c	13.1	12.5	11.5	14.6	17.0	40.3	41.2	50.3	69.4	66.6
Retail Electricity	2,083.9	2,113.3	2,238.1	2,186.0	2,185.0	2,436.9	2,519.5	2,758.4	2,831.6	2,924.1
Total Energy^d	3,255.4	3,762.2	3,422.7	3,583.6	3,692.3	4,133.0	4,216.6	4,537.4	4,969.3	4,709.1

Table F-10

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

Part I — (expenditures in million nominal dollars)

	2010	2011	2012	2013	2014	2015
Total Primary Energy ^d	R1,713.8	R1,709.4	R1,406.1	R1,658.4	R1,825.6	1,447.8
Coal	—	—	—	—	—	—
Natural Gas ^a	1,252.2	1,232.6	1,018.0	1,158.1	1,251.0	1,107.8
Total Petroleum	392.5	391.8	299.7	380.9	456.1	279.1
Distillate Fuel	7.1	8.6	7.2	7.1	6.4	2.7
Kerosene	4.4	2.1	0.7	0.8	1.4	0.6
LPG ^b	381.0	381.2	291.8	373.0	448.3	275.8
Wood ^c	R69.1	R85.0	R88.3	R119.4	R118.5	60.8
Retail Electricity	3,385.6	3,502.9	3,491.8	3,745.0	3,807.8	3,800.0
Total Energy^d	R5,099.4	R5,212.3	R4,897.9	R5,403.4	R5,633.4	5,247.7

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

Table F-10 (continued)
Missouri Residential Sector Energy Price and Expenditure Estimates by Source: 1970-2015
Part II — (prices in nominal dollars per million BTU)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total Primary Energy ^d	1.12	1.16	1.23	1.54	1.59	1.83	2.07	2.56	2.58	3.38
Coal	0.86	1.04	1.05	0.77	1.40	1.72	1.63	2.00	2.04	1.88
Natural Gas ^a	0.96	1.01	1.08	1.16	1.26	1.48	1.69	2.17	2.27	2.82
Total Petroleum	1.78	1.78	1.81	2.92	2.87	3.14	3.58	4.05	3.86	6.06
Distillate Fuel	1.19	1.29	1.30	1.41	2.43	2.62	2.86	3.22	3.30	4.91
Kerosene	1.43	1.56	1.58	1.83	2.78	2.88	3.15	3.66	3.89	5.36
LPG ^b	1.92	1.89	1.95	3.34	2.98	3.26	3.78	4.26	4.03	6.53
Wood ^c	0.61	0.64	0.64	0.74	1.14	1.20	1.28	1.45	1.53	2.20
Retail Electricity	7.86	7.85	8.05	8.27	9.17	10.06	11.10	11.75	12.92	13.66
Total Energy^d	2.07	2.18	2.29	2.68	2.87	3.37	3.69	4.38	4.75	5.63
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total Primary Energy ^d	3.78	4.50	5.53	6.18	5.87	5.56	5.01	4.82	4.86	5.13
Coal	1.70	1.73	1.66	2.10	2.04	1.73	1.54	1.37	1.25	1.43
Natural Gas ^a	3.23	3.96	5.11	5.96	5.75	5.40	4.98	4.71	4.73	4.80
Total Petroleum	7.01	7.43	8.16	7.67	7.43	7.38	5.67	6.03	6.35	7.68
Distillate Fuel	6.85	8.12	7.84	7.22	7.08	6.70	4.95	4.66	4.71	5.88
Kerosene	7.95	9.73	9.73	6.80	8.07	10.06	11.02	6.39	6.27	6.79
LPG ^b	7.06	7.04	8.21	7.78	7.56	7.53	5.81	6.41	6.82	8.02
Wood ^c	3.06	3.77	3.66	3.54	3.60	3.46	2.78	2.65	2.67	2.95
Retail Electricity	15.21	16.30	17.92	19.07	17.94	19.27	20.87	21.59	21.49	21.50
Total Energy^d	6.83	7.58	8.69	9.92	9.38	9.56	9.98	10.35	10.26	10.29

Table F-10 (continued)
Missouri Residential Sector Energy Price and Expenditure Estimates by Source: 1970-2015
Part II — (prices in nominal dollars per million BTU)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Primary Energy ^d	5.60	5.51	5.35	5.51	5.63	5.39	6.43	6.86	6.55	6.43
Coal	1.56	1.53	1.33	1.72	0.98	0.95	1.04	0.97	1.01	1.01
Natural Gas ^a	5.15	5.09	5.10	5.35	5.40	5.13	5.90	6.55	6.50	6.28
Total Petroleum	9.31	8.33	7.31	7.04	7.48	7.31	9.31	8.84	7.40	7.57
Distillate Fuel	7.27	6.75	5.36	5.46	6.33	5.34	6.76	6.84	5.75	6.19
Kerosene	11.50	7.47	7.08	6.24	5.96	4.93	5.96	5.58	4.28	4.85
LPG ^b	9.61	8.54	7.52	7.23	7.59	7.57	9.52	9.02	7.60	7.70
Wood ^c	3.56	3.41	3.12	3.05	2.96	2.90	3.32	3.31	2.87	2.94
Retail Electricity	21.56	21.65	21.80	21.29	21.37	21.26	20.75	20.77	20.75	20.86
Total Energy^d	11.10	11.12	10.85	10.81	11.18	11.11	11.33	11.89	12.46	12.17
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Primary Energy ^d	8.12	10.60	8.14	9.63	11.04	12.65	14.18	13.85	14.79	13.20
Coal	1.02	1.12	0.97	1.04	1.20	2.23	1.55	2.53	—	—
Natural Gas ^a	7.73	10.40	7.90	9.36	10.81	12.42	13.96	13.16	13.28	12.54
Total Petroleum	10.60	11.92	9.81	11.71	13.38	15.94	17.73	19.51	23.32	18.83
Distillate Fuel	8.97	8.75	7.82	9.25	10.96	15.05	17.24	19.32	23.66	15.98
Kerosene	9.11	9.13	8.38	9.92	11.01	15.23	19.36	21.95	23.08	23.30
LPG ^b	10.76	12.19	9.96	11.87	13.58	16.01	17.72	19.48	23.31	18.86
Wood ^c	4.41	4.22	3.82	4.59	5.21	6.91	7.96	8.79	10.83	8.07
Retail Electricity	20.65	20.53	20.70	20.39	20.43	20.75	21.80	22.54	23.45	25.04
Total Energy^d	13.27	14.55	13.49	14.20	15.16	16.43	17.92	18.09	18.73	18.69

Table F-10

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

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

	2010	2011	2012	2013	2014	2015
Total Primary Energy ^d	12.75	13.41	R13.54	R12.46	12.76	12.35
Coal	—	—	—	—	—	—
Natural Gas ^a	11.60	11.92	12.15	R10.73	10.69	11.5
Total Petroleum	20.41	23.49	22.68	24.41	27.87	20.35
Distillate Fuel	R19.31	R26.88	R26.80	R27.79	R26.86	17.58
Kerosene	24.75	28.01	29.39	30.03	32.32	16.69
LPG ^b	20.39	23.41	22.58	24.34	27.88	20.39
Wood ^c	R9.59	R11.53	R12.84	R12.57	R12.26	8.44
Retail Electricity	26.60	28.56	29.80	31.08	31.18	32.84
Total Energy^d	19.49	20.84	R22.16	R21.31	R21.24	22.53

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

Table F-10
Missouri Residential Sector Energy Price and Expenditure Estimates by Source: 1970-2015

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

^b Liquefied petroleum gases.

^c Wood and wood-derived fuels.

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

R = Revised data

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

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