

Table F-1
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Total Fossil Fuels	844.7	845.8	900.8	920.6	952.7	999.6	1,024.6	1,051.1	1,129.3	1,212.9
Coal	170.9	158.5	180.5	180.7	183.4	189.6	190.7	189.0	212.3	244.5
Natural Gas excluding Supplemental Gasoline Fuels ^a	270.1	284.1	299.6	309.1	332.0	348.0	357.4	367.2	372.9	406.7
Total Petroleum	403.7	403.2	420.6	430.8	437.2	462.1	476.6	494.9	544.1	561.7
Distillate Fuel Oil	74.7	74.8	78.0	80.7	80.7	80.4	79.3	79.5	99.3	95.6
Jet Fuel ^b	7.0	9.8	12.5	12.6	15.0	20.4	26.5	36.7	43.8	44.5
LPG ^c	23.1	25.0	27.2	31.3	26.7	29.6	39.8	41.2	43.6	47.4
Motor Gasoline Excluding Fuel Ethanol	214.4	214.9	221.1	225.9	227.9	236.5	246.2	251.5	268.3	280.5
Residual Fuel Oil	20.0	17.4	14.0	15.3	15.6	21.7	17.4	21.7	21.6	23.5
Other ^d	64.6	61.3	67.9	65.1	71.3	73.4	67.5	64.3	67.5	70.2
Fossil Fuels (as co-mingled)										
Natural Gas Including supplemental Gasoline Fuels ^a	270.1	284.1	299.6	309.1	332.0	348.0	357.4	367.2	372.9	406.7
Motor Gasoline Including Fuel Ethanol ^a	214.4	214.9	221.1	225.9	227.9	236.5	246.2	251.5	268.3	280.5
Nuclear Electric Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Renewable Energy	41.4	45.1	40.2	33.3	31.2	35.4	33.0	31.6	39.1	39.6
Hydro Electric Power ^e	7.8	13.2	9.3	3.9	3.3	8.4	6.2	6.7	13.9	15.0
Total Biomass	33.6	31.9	30.9	29.4	27.9	27.0	26.8	24.9	25.2	24.6
Wood and Waste ^f	33.6	31.9	30.9	29.4	27.9	27.0	26.8	24.9	25.2	24.6
Fuel Ethanol ^g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Losses and Co-Products ^h	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar/PV ⁱ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Wind	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Net Interstate Flow of Electricity ^j	13.9	7.9	-1.0	0.5	5.5	8.1	44.8	49.9	42.9	13.2
Net Imports of Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Energy Consumed	900.0	898.8	940.0	954.5	989.4	1,043.2	1,102.5	1,132.5	1,211.3	1,265.7

Table F-1 (continued)
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Total Fossil Fuels	1,283.5	1,311.2	1,374.7	1,440.3	1,404.8	1,415.5	1,494.2	1,539.5	1,540.8	1,511.9
Coal	279.2	294.1	334.4	383.5	382.0	430.2	468.3	503.9	485.7	512.5
Natural Gas excluding Supplemental Gasoline Fuels ^a	432.5	432.1	428.2	424.7	411.9	371.8	381.4	367.7	360.3	340.1
Total Petroleum	571.7	584.9	612.2	632.2	610.9	613.4	644.5	667.8	694.9	659.3
Distillate Fuel Oil	94.6	95.3	106.3	110.9	102.3	103.8	115.8	120.8	134.8	134.9
Jet Fuel ^b	45.7	45.4	47.3	45.4	43.2	47.0	44.5	45.1	45.9	42.4
LPG ^c	45.0	45.5	47.6	47.5	47.4	49.5	50.4	50.6	49.9	51.0
Motor Gasoline Excluding Fuel Ethanol	294.4	308.4	321.6	327.9	323.1	327.5	342.0	349.8	356.9	332.8
Residual Fuel Oil	22.4	18.4	17.2	18.1	16.1	15.9	19.1	23.0	23.4	22.1
Other ^d	69.6	72.0	72.2	82.4	78.8	69.7	72.6	78.5	84.1	76.2
Fossil Fuels (as co-mingled)										
Natural Gas Including supplemental Gasoline Fuels ^a	432.5	432.1	428.2	424.7	411.9	371.8	381.4	367.7	360.3	340.1
Motor Gasoline Including Fuel Ethanol ^a	294.4	308.4	321.6	327.9	323.1	327.5	342.0	349.8	356.9	332.8
Nuclear Electric Power	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Renewable Energy	33.3	30.4	29.4	43.8	44.0	40.4	39.5	38.0	49.7	55.9
Hydro Electric Power ^e	9.7	7.4	6.4	20.9	17.9	13.3	7.7	4.7	10.5	11.4
Total Biomass	23.6	23.0	23.0	22.9	26.1	27.1	31.9	33.2	39.1	44.6
Wood and Waste ^f	23.6	23.0	23.0	22.9	26.1	27.1	31.9	33.2	39.1	44.6
Fuel Ethanol ^g	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Losses and Co-Products ^h	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Solar/PV ⁱ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Wind	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Net Interstate Flow of Electricity ^j	-7.5	-14.7	-20.5	-65.3	-49.7	-43.2	-62.0	-71.5	-34.1	-37.1
Net Imports of Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Energy Consumed	1,309.3	1,326.9	1,383.6	1,418.8	1,399.1	1,412.7	1,471.8	1,506.0	1,556.4	1,530.7

Table F-1 (continued)
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total Fossil Fuels	1,415.3	1,359.2	1,350.4	1,355.5	1,399.8	1,342.4	1,318.6	1,346.0	1,409.2	1,406.5
Coal	531.4	536.0	523.8	564.4	593.3	529.7	512.3	528.0	547.3	550.4
Natural Gas excluding Supplemental Gasoline Fuels ^a	322.8	287.7	282.3	264.2	269.1	264.0	244.3	234.5	254.4	252.7
Total Petroleum	561.0	535.4	544.3	527.0	537.3	548.8	561.9	583.5	607.5	603.4
Distillate Fuel Oil	107.1	106.1	121.9	98.7	108.6	116.4	107.5	117.2	126.2	131.4
Jet Fuel ^b	35.5	26.8	24.7	30.9	31.8	33.3	38.0	42.2	41.3	41.2
LPG ^c	34.3	27.9	33.5	33.9	20.9	21.0	22.4	23.6	24.7	31.4
Motor Gasoline Excluding Fuel Ethanol	309.8	307.7	303.9	308.6	314.8	315.4	333.0	334.9	340.7	334.7
Residual Fuel Oil	9.0	4.2	4.6	3.8	2.3	4.6	3.5	4.3	4.7	3.5
Other ^d	65.3	62.6	55.8	51.1	59.0	58.0	57.7	61.3	69.8	61.3
Fossil Fuels (as co-mingled)										
Natural Gas Including supplemental Gasoline Fuels ^a	322.9	287.8	284.5	265.5	269.5	264.3	244.3	234.5	254.4	254.5
Motor Gasoline Including Fuel Ethanol ^a	309.8	307.7	303.9	308.6	314.8	315.4	333.0	334.9	340.7	334.7
Nuclear Electric Power	0.0	0.0	0.0	0.0	10.0	85.3	75.9	65.6	94.7	88.3
Total Renewable Energy	30.9	30.5	44.0	44.1	47.1	62.5	49.4	41.0	44.2	37.8
Hydro Electric Power ^e	5.8	7.0	17.3	18.0	16.6	31.3	20.8	15.1	15.6	11.4
Total Biomass	25.1	23.5	26.6	26.0	30.6	31.3	28.6	25.9	28.6	26.2
Wood and Waste ^f	25.1	23.5	26.6	26.0	30.5	31.1	28.5	25.7	27.5	24.7
Fuel Ethanol ^g	NA	0.0	0.1	0.1	0.1	0.1	0.1	0.2	1.1	1.6
Losses and Co-Products ^h	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	(s)
Solar/PV ⁱ	NA	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.2
Wind	NA	NA	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Interstate Flow of Electricity ^j	-23.2	-24.9	-32.1	-34.4	-73.9	-84.3	-36.0	-21.7	-47.8	-20.6
Net Imports of Electricity	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Energy Consumed	1,422.9	1,364.8	1,362.3	1,365.2	1,383.0	1,405.9	1,407.9	1,431.0	1,500.4	1,512.0

Table F-1 (continued)
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Total Fossil Fuels	1,367.7	1,372.9	1,364.3	1,371.5	1,461.5	1,546.7	1,629.5	1,653.9	1,702.9	1,726.9
Coal	539.6	533.9	522.3	467.8	540.0	593.7	631.1	670.6	695.7	687.2
Natural Gas excluding Supplemental Gasoline Fuels ^a	241.3	258.6	241.2	280.7	267.8	281.1	296.4	285.4	261.5	269.1
Total Petroleum	586.8	580.4	600.8	623.1	653.8	672.0	702.0	697.9	745.7	770.7
Distillate Fuel Oil	123.4	117.4	127.7	129.3	134.8	140.5	158.1	167.5	210.7	211.0
Jet Fuel ^b	37.6	42.5	42.6	51.2	60.2	64.8	68.8	69.9	72.3	72.3
LPG ^c	25.9	32.5	32.0	36.0	35.5	41.4	48.7	42.2	30.6	47.3
Motor Gasoline Excluding Fuel Ethanol	336.2	335.7	342.8	344.6	350.2	357.5	363.8	367.4	372.9	369.6
Residual Fuel Oil	3.9	3.4	4.1	6.7	3.3	2.2	2.3	1.6	1.5	0.9
Other ^d	59.8	48.8	51.5	55.3	69.8	65.5	60.4	49.4	57.7	69.6
Fossil Fuels (as co-mingled)										
Natural Gas Including supplemental Gasoline Fuels ^a	241.3	258.6	241.2	280.7	268.1	281.1	297.2	286.1	261.5	269.3
Motor Gasoline Including Fuel Ethanol ^a	336.2	335.7	342.8	347.3	353.2	359.5	364.8	367.9	373.6	371.0
Nuclear Electric Power	84.6	104.6	84.6	88.0	104.6	86.6	93.4	94.0	89.3	89.7
Total Renewable Energy	^R 43.1	32.5	37.1	52.6	38.9	^R 38.2	31.8	31.3	38.1	33.9
Hydro Electric Power ^e	22.8	11.7	15.3	32.8	19.8	19.8	13.6	16.3	23.9	18.9
Total Biomass	20.1	20.6	21.6	19.6	18.9	18.3	18.0	14.9	13.9	14.8
Wood and Waste ^f	17.9	18.6	19.2	16.9	15.9	16.3	17.0	14.3	13.3	13.3
Fuel Ethanol ^g	2.2	2.0	2.3	2.7	3.0	2.0	1.1	0.6	0.7	1.4
Losses and Co-Products ^h	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Geothermal	(s)	(s)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Solar/PV ⁱ	0.2	0.2	0.2	0.2	0.2	0.2	0.2	^R 0.1	0.1	0.1
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net Interstate Flow of Electricity ^j	-11.8	7.2	21.5	109.2	26.8	17.3	19.9	-7.6	-13.6	6.1
Net Imports of Electricity	0.0	0.0	0.0	0.0	0.0	(s)	0.0	(s)	(s)	(s)
Total Energy Consumed	1,483.7	1,517.2	1,507.6	1,621.4	1,631.8	1,688.9	1,774.6	1,771.6	1,816.7	1,856.6

Table F-1 (continued)
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
Total Fossil Fuels	1,652.6	1,728.5	1,729.4	1,801.2	1,824.0	1,855.5	1,829.1	1,821.1	1,781.7	1,699.0
Coal	688.9	716.4	725.7	795.6	807.5	835.7	829.1	802.9	792.9	765.6
Natural Gas excluding Supplemental Gasoline Fuels ^a	288.1	288.6	278.9	265.1	268.3	273.4	257.9	277.9	298.4	266.7
Total Petroleum	675.6	723.5	724.9	740.5	748.2	746.4	742.1	740.3	676.9	647.3
Distillate Fuel Oil	167.9	174.2	171.1	186.8	197.8	192.9	195.0	200.2	175.6	173.3
Jet Fuel ^b	27.8	42.5	54.1	45.6	22.7	37.4	37.3	35.9	31.7	20.6
LPG ^c	40.4	48.9	47.5	46.2	45.4	39.9	33.1	39.1	35.9	30.8
Motor Gasoline Excluding Fuel Ethanol	382.4	375.6	378.7	392.2	393.8	391.9	392.4	392.5	381.1	382.7
Residual Fuel Oil	0.7	0.9	0.7	0.7	1.0	0.7	0.4	0.2	0.3	0.2
Other ^d	56.5	81.5	72.7	68.9	87.6	83.5	83.9	72.4	62.4	^R 50.0
Fossil Fuels (as co-mingled) Natural Gas Including supplemental Gasoline Fuels ^a	289.0	288.6	278.9	266.2	269.2	273.4	258.0	278.0	298.4	266.7
Motor Gasoline Including Fuel Ethanol ^a	384.8	377.8	384.0	399.7	401.8	401.8	402.2	406.1	400.9	401.4
Nuclear Electric Power	104.2	87.6	87.6	101.1	81.7	83.8	105.6	98.3	98.0	107.2
Total Renewable Energy	23.3	33.1	37.8	34.6	44.1	54.4	42.7	^R 60.8	83.4	91.2
Hydro Electric Power ^e	6.1	11.4	13.8	6.6	14.8	11.6	2.0	11.9	20.2	17.7
Total Biomass	17.0	21.5	23.8	27.9	29.1	42.6	40.5	48.9	60.9	68.2
Wood and Waste ^f	14.0	17.8	16.6	17.1	17.6	27.1	23.8	26.0	28.4	34.9
Fuel Ethanol ^g	2.4	2.2	5.3	7.5	8.0	9.9	9.8	13.6	19.8	18.6
Losses and Co-Products ^h	0.6	1.5	2.0	3.3	3.5	5.6	6.9	9.3	12.7	14.7
Geothermal	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3
Solar/PV ⁱ	0.1	0.1	0.1	0.1	^R (s)	(s)	(s)	(s)	(s)	(s)
Wind	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.9
Net Interstate Flow of Electricity ^j	16.8	-18.7	-9.8	-85.7	-84.8	-40.4	-39.1	13.8	-0.3	-36.0
Net Imports of Electricity	0.0	0.0	0.0	(s)	(s)	(s)	(s)	(s)	0.7	2.2
Total Energy Consumed	1,796.9	1,830.5	1,845.0	1,851.3	1,864.9	^R 1,949.8	^R 1,933.4	1,994.2	^R 1,768.3	^R 1,679.6

Table F-1 (continued)
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

	2010	2011	2012	2013	2014	2015
Total Fossil Fuels	1,736.2	^R 1,719.8	^R 1,623.5	^R 1,689.5	^R 1,696.9	1,586.7
Coal	801.6	825.6	768.3	806.5	780.7	696.4
Natural Gas excluding						
Supplemental Gasoline Fuels ^a	282.1	275.3	258.9	^R 281.4	^R 301.4	270.9
Total Petroleum	^R 637.8	618.9	^R 596.3	^R 601.5	^R 614.8	619.4
Distillate Fuel Oil	181.2	179.3	^R 171.3	^R 171.9	^R 180.8	185.5
Jet Fuel ^b	17.7	20.0	19.5	18.6	19.5	18.3
LPG ^c	28.9	26.0	22.7	25.8	27.0	22.1
Motor Gasoline Excluding						
Fuel Ethanol	367.0	351.8	343.9	349.4	^R 350.1	351.6
Residual Fuel Oil	0.2	0.1	(s)	(s)	(s)	(s)
Other ^d	42.9	41.7	38.9	35.7	37.4	41.8
Fossil Fuels (as co-mingled)						
Natural Gas Including supplemental	282.1	275.3	258.9	280.8	301.4	270.9
Gasoline Fuels ^a						
Motor Gasoline Including Fuel Ethanol ^a	389.7	374.2	365.6	371.0	^R 373.7	377.2
Nuclear Electric Power	94.0	98.1	112.3	87.4	97.0	109.2
Total Renewable Energy	93.7	89.5	^R 81.7	^R 94.3	^R 94.5	95.9
Hydro Electric Power ^e	15.0	11.5	6.8	10.8	6.6	14.9
Total Biomass	69.3	66.1	62.5	71.3	^R 75.6	69.5
Wood and Waste ^f	31.6	29.6	27.5	36.4	^R 37.8	30.3
Fuel Ethanol ^g	22.7	22.3	21.7	21.4	^R 23.6	25.5
Losses and Co-Products ^h	14.9	14.2	13.3	13.5	^R 14.1	13.7
Geothermal	0.3	0.3	0.4	0.4	0.4	0.4
Solar/PV ⁱ	0.1	0.1	^R 0.2	^R 0.5	^R 1.2	1.5
Wind	9.0	11.4	11.8	11.1	10.8	9.6
Net Interstate Flow of Electricity ^j	1.1	-50.9	-35.9	23.7	18.3	35.0
Net Imports of Electricity	(s)	(s)	(s)	(s)	0	0
Total Energy Consumed	^R1,910.4	^R1,856.5	^R1,781.8	^R1,847.6	^R1,906.7	1,826.8

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

Table F-1 (continued)
Missouri Consumption of Energy by Source: 1960-2015
Part I — (trillion BTU)

^a Supplemental gaseous fuels (SGF) and fuel ethanol are consumed with natural gas and motor gasoline, respectively. On this table, natural gas excluding SGF and motor gasoline excluding fuel ethanol are presented so that a fossil fuel total can be calculated. *Natural gas including SGF and motor gasoline including fuel ethanol are presented separately for reference.*

^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 Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and 16 other petroleum products

^e Conventional hydroelectric power. Does not include pumped-storage hydroelectricity.

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

^g Excludes denaturant. Pre-2005 estimates are not comparable to those for later years.

^h Losses and co-products from the production of fuel ethanol.

ⁱ Solar thermal and photovoltaic energy.

^j Net interstate flow of electricity is the difference between the amount of energy in the electricity sold within a State (including associated losses) and the energy input at the electric utilities within the State. A positive number indicates that more electricity (including associated losses) came into the State than went out of the State during the year.

N/A = Not available.

R = Revised data

(s) = Value less than +0.05 and greater than -0.05.

Note: Totals may not equal sum of components due to rounding.

Source: Department of Energy, Energy Information Administration, [State Energy Data: Consumption](#)