

**Table 7. Energy Consumption Estimates by Source, Selected Years, 1960-2007, Missouri**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum							Nuclear Electric Power	Hydro-electric Power <sup>e</sup>	Biomass		Geo-thermal, Solar/PV, and Wind <sup>g,h</sup>	Net Interstate Flow of Electricity/Losses <sup>i</sup>	Other <sup>j</sup>	Total <sup>g</sup>
			Distillate Fuel Oil	Jet Fuel	LPG <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total			Wood and Waste <sup>f,g</sup>	Million kWh				
			Thousand Barrels														
1960	7,509	261	12,817	1,249	5,994	40,807	3,179	10,815	74,860	0	726	--	--	--	--	--	
1965	8,534	341	13,803	3,625	7,692	45,015	3,449	13,310	86,894	0	802	--	--	--	--	--	
1970	12,863	430	16,235	8,074	11,771	56,041	3,570	13,097	108,789	0	927	--	--	--	--	--	
1975	19,955	370	17,819	8,311	12,995	62,342	2,521	11,952	115,940	0	1,280	--	--	--	--	--	
1980	24,845	318	18,390	6,268	9,121	58,966	1,427	17,466	111,638	0	558	--	--	--	--	--	
1985	24,733	260	19,987	5,889	5,583	60,036	732	13,699	105,926	8,030	2,993	--	--	--	--	--	
1990	25,836	239	21,188	6,647	6,874	63,994	620	15,629	114,952	7,998	2,192	--	--	--	--	--	
1995	31,753	279	24,122	11,425	11,085	68,930	354	12,675	128,592	8,242	1,919	--	--	--	--	--	
1996	34,382	294	27,137	12,133	12,965	69,947	360	10,787	133,330	8,890	1,314	--	--	--	--	--	
1997	36,860	283	28,760	R 12,325	11,200	70,581	253	9,219	R 132,338	8,955	1,593	--	--	--	--	--	
1998	38,549	259	36,172	R 12,758	8,134	71,675	233	10,619	R 139,592	8,517	2,347	--	--	--	--	--	
1999	37,975	266	36,225	12,760	12,671	71,189	140	12,484	145,470	8,587	1,853	--	--	--	--	--	
2000	38,300	285	28,818	4,906	10,820	73,852	109	10,318	128,823	9,992	600	--	--	--	--	--	
2001	39,812	284	29,913	7,493	12,897	72,510	141	13,904	136,858	8,384	1,104	--	--	--	--	--	
2002	40,885	276	29,381	9,535	12,722	73,737	112	12,979	138,465	8,390	1,357	--	--	--	--	--	
2003	45,028	263	31,143	8,048	12,360	76,754	118	12,033	140,456	9,700	652	--	--	--	--	--	
2004	45,635	264	33,955	3,999	12,234	77,040	161	15,370	142,759	7,831	1,480	--	--	--	--	--	
2005	R 47,033	268	33,124	6,599	10,795	76,998	110	14,590	142,215	8,031	1,159	--	--	--	--	--	
2006	R 46,884	R 253	33,474	6,574	8,917	77,084	70	14,933	141,051	10,117	199	--	--	--	--	--	
2007	45,357	272	34,364	6,339	10,573	77,817	38	12,803	141,934	9,372	1,204	--	--	--	--	--	

Trillion Btu																
1960	170.9	270.1	74.7	7.0	24.0	214.4	20.0	64.6	404.6	0.0	7.8	33.6	0.0	13.9	0.0	900.9
1965	189.6	348.0	80.4	20.4	30.9	236.5	21.7	78.6	468.4	0.0	8.4	27.0	0.0	8.1	0.0	1,049.5
1970	279.2	432.5	94.6	45.7	44.5	294.4	22.4	79.8	581.3	0.0	9.7	23.6	0.0	-7.4	0.0	1,319.0
1975	430.2	371.8	103.8	47.0	48.3	327.5	15.9	73.6	616.0	0.0	13.3	27.1	0.0	-42.5	0.0	1,416.0
1980	531.4	R 322.9	107.1	35.5	33.5	309.8	9.0	102.2	597.0	0.0	5.8	25.1	0.0	-22.0	-0.1	1,460.1
1985	529.7	R 264.3	116.4	33.3	20.1	315.4	4.6	80.7	570.6	85.3	31.3	31.1	0.0	-82.3	-0.2	1,429.8
1990	539.6	241.3	123.4	37.6	24.9	336.2	3.9	92.2	618.2	84.6	22.8	17.9	0.2	-5.8	2.2	1,521.1
1995	593.7	281.1	140.5	64.8	40.2	359.5	2.2	77.7	684.8	86.6	19.8	16.3	0.2	3.4	(s)	1,685.9
1996	631.1	R 297.2	158.1	68.8	46.8	364.8	2.3	66.9	707.7	93.4	13.6	17.0	0.2	9.7	-0.8	1,769.1
1997	670.6	R 286.1	167.5	69.9	40.5	367.9	1.6	56.6	R 704.1	94.0	16.3	14.3	0.2	-20.4	-0.7	1,764.4
1998	695.7	261.5	210.7	72.3	29.4	373.6	1.5	64.8	R 752.3	89.3	23.9	13.3	0.2	-29.2	(s)	R 1,807.0
1999	687.2	R 269.3	211.0	72.3	45.8	371.0	0.9	76.5	777.6	89.7	18.9	13.6	0.2	-13.1	-0.2	1,843.2
2000	688.9	R 289.0	167.9	27.8	39.0	384.8	0.7	63.2	683.3	104.2	6.1	14.2	0.2	3.0	-1.0	1,788.1
2001	716.4	288.6	174.2	42.5	46.6	377.8	0.9	85.8	727.8	87.6	11.4	17.8	0.2	-24.1	(s)	1,825.7
2002	725.7	R 277.0	171.1	54.1	46.0	384.0	0.7	79.7	735.6	87.6	13.8	16.6	0.2	-9.4	-0.1	1,846.9
2003	795.6	R 267.0	181.4	45.6	44.9	399.7	0.7	74.2	746.5	101.1	6.7	17.1	0.2	-87.2	-1.1	1,845.9
2004	807.5	R 268.4	197.8	22.7	44.3	401.8	1.0	95.0	762.5	81.7	14.8	17.6	0.2	-90.5	-1.0	1,861.2
2005	835.7	273.4	192.9	37.4	39.1	401.8	0.7	90.1	762.0	83.8	11.6	R 19.8	0.2	-56.5	(s)	R 1,930.0
2006	829.1	R 258.0	195.0	37.3	32.1	402.2	0.4	92.0	759.1	105.6	2.0	R 18.9	0.2	-56.6	-0.1	R 1,916.1
2007	802.4	277.6	200.2	35.9	38.0	406.1	0.2	78.5	758.9	98.3	11.9	20.5	0.2	-5.7	-0.1	1,964.1

<sup>a</sup> Includes supplemental gaseous fuels.  
<sup>b</sup> Liquefied petroleum gases.  
<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>d</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, and 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."  
<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.  
<sup>f</sup> Wood, wood-derived fuels, and waste. Prior to 2001, includes non-biomass waste.  
<sup>g</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>h</sup> Geothermal, solar thermal, photovoltaic, and wind energy.  
<sup>i</sup> 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.  
<sup>j</sup> Includes: net imports of electricity; fuel ethanol blended into motor gasoline that is not included in the motor gasoline column, from 1981 through 1992; and beginning in 1980, an adjustment to remove double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in the total.  
kWh = Kilowatthours. -- = Not applicable.  
Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.  
Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.  
Web Page: All data available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) under "Complete Data Files."  
Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 8. Residential Sector Energy Consumption Estimates, Selected Years, 1960-2007, Missouri

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum				Biomass Wood <sup>c</sup> Thousand Cords	Geothermal <sup>d</sup>	Solar/PV <sup>d,e</sup>	Retail Electricity Sales	Net Energy <sup>d,f</sup>	Electrical System Energy Losses <sup>g</sup>	Total <sup>d,f</sup>
			Distillate Fuel Oil	Kerosene	LPG <sup>b</sup>	Total				Million Kilowatthours			
										Thousand Barrels			
1960	699	111	1,330	240	4,687	6,257	1,293	--	--	4,223	--	--	--
1965	172	130	1,056	138	6,139	7,332	898	--	--	5,977	--	--	--
1970	52	157	1,312	69	8,934	10,315	674	--	--	9,672	--	--	--
1975	47	155	1,435	28	9,528	10,992	704	--	--	13,654	--	--	--
1980	17	143	1,246	57	4,991	6,294	911	--	--	18,648	--	--	--
1985	34	128	847	95	3,496	4,437	1,155	--	--	18,483	--	--	--
1990	57	116	412	29	4,193	4,634	669	--	--	21,652	--	--	--
1995	27	125	436	32	5,841	6,309	586	--	--	25,409	--	--	--
1996	25	137	330	56	7,840	8,227	609	--	--	26,448	--	--	--
1997	29	128	311	45	7,148	7,504	478	--	--	26,595	--	--	--
1998	18	111	294	49	5,105	5,449	424	--	--	28,265	--	--	--
1999	27	112	306	55	6,848	7,210	447	--	--	27,766	--	--	--
2000	19	115	308	69	5,986	6,363	480	--	--	29,581	--	--	--
2001	23	116	404	78	8,994	9,476	470	--	--	30,168	--	--	--
2002	23	114	290	51	6,788	7,129	477	--	--	31,684	--	--	--
2003	25	115	200	72	6,550	6,822	502	--	--	31,422	--	--	--
2004	19	110	192	87	5,591	5,871	515	--	--	31,351	--	--	--
2005	R 17	107	161	79	4,594	4,834	R 610	--	--	34,412	--	--	--
2006	R 19	95	151	66	R 4,344	R 4,561	R 555	--	--	33,880	--	--	--
2007	18	102	143	54	4,763	4,960	612	--	--	35,872	--	--	--
Trillion Btu													
1960	16.0	115.0	7.7	1.4	18.8	27.9	25.9	0.0	0.0	14.4	199.2	35.6	234.9
1965	3.9	132.1	6.1	0.8	24.6	31.6	18.0	0.0	0.0	20.4	206.0	48.7	254.6
1970	1.1	157.7	7.6	0.4	33.8	41.8	13.5	0.0	0.0	33.0	247.1	79.9	327.0
1975	1.0	156.5	8.4	0.2	35.4	43.9	14.1	0.0	0.0	46.6	262.0	112.0	374.1
1980	0.4	145.7	7.3	0.3	18.3	25.9	18.2	0.0	0.0	63.6	253.8	153.4	407.2
1985	0.8	R 130.3	4.9	0.5	12.6	18.1	23.1	0.0	0.0	63.1	235.2	145.2	380.4
1990	1.2	117.2	2.4	0.2	15.2	17.8	13.4	(s)	0.2	73.9	223.7	170.8	394.5
1995	0.6	126.0	2.5	0.2	21.2	23.9	11.7	0.1	0.2	86.7	249.1	196.9	446.0
1996	0.6	R 138.7	1.9	0.3	28.3	30.6	12.2	0.1	0.2	90.2	272.1	205.2	477.3
1997	0.7	R 128.9	1.8	0.3	25.8	27.9	9.6	0.1	0.2	90.7	257.6	205.6	463.2
1998	0.4	R 112.0	1.7	0.3	18.5	20.4	8.5	0.1	0.1	96.4	237.9	218.7	456.6
1999	0.6	R 113.5	1.8	0.3	24.8	26.9	8.9	0.1	0.1	94.7	244.8	216.7	461.5
2000	0.4	R 117.2	1.8	0.4	21.6	23.8	9.6	0.1	0.1	100.9	251.7	229.6	481.3
2001	0.5	116.9	2.4	0.4	32.5	35.3	9.4	0.1	0.1	102.9	265.3	229.4	494.6
2002	0.5	114.7	1.7	0.3	24.5	26.5	9.5	0.1	0.1	108.1	259.5	241.0	500.5
2003	0.6	R 116.5	1.2	0.4	23.8	25.3	10.0	0.1	0.1	107.2	259.4	236.6	496.0
2004	0.4	R 111.6	1.1	0.5	20.2	21.8	10.3	0.1	0.1	107.0	250.9	236.7	487.6
2005	R 0.4	109.0	0.9	0.4	16.6	18.0	R 12.2	0.1	(s)	117.4	R 257.2	256.8	R 514.0
2006	R 0.5	97.3	0.9	0.4	R 15.7	R 16.9	R 11.1	0.2	(s)	115.6	R 241.6	250.0	R 491.6
2007	0.4	103.5	0.8	0.3	17.1	18.2	12.2	0.2	(s)	122.4	257.0	264.1	521.1

<sup>a</sup> Includes supplemental gaseous fuels.

<sup>b</sup> Liquefied petroleum gases.

<sup>c</sup> Wood and wood-derived fuels.

<sup>d</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>e</sup> Solar thermal and photovoltaic energy. Includes small amounts consumed by the commercial sector that cannot be separately identified. See Section 5 of the Technical Notes for an explanation of estimation methodology.

<sup>f</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in

net energy and total.

<sup>g</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) under "Complete Data Files."

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

**Table 9. Commercial Sector Energy Consumption Estimates, Selected Years, 1960-2007, Missouri**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum						Hydro-electric Power <sup>e,f</sup> Million Kilowatthours	Biomass Wood and Waste <sup>f,g</sup>	Geothermal <sup>f</sup>	Retail Electricity Sales Million Kilowatthours	Net Energy <sup>f,h</sup>	Electrical System Energy Losses <sup>i</sup>	Total <sup>f,h</sup>
			Distillate Fuel Oil	Kerosene	LPG <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Total <sup>d</sup>							
			Thousand Barrels												
1960	486	33	1,101	1,507	827	113	1,366	4,914	0	--	3,314	--	--	--	
1965	129	41	873	865	1,083	133	1,508	4,463	0	--	4,473	--	--	--	
1970	41	88	1,085	433	1,577	153	1,654	4,901	0	--	6,168	--	--	--	
1975	109	91	1,187	179	1,681	159	1,764	3,971	0	--	7,639	--	--	--	
1980	65	76	1,001	171	881	223	554	2,830	0	--	12,986	--	--	--	
1985	122	60	1,521	33	617	262	121	2,554	0	--	15,205	--	--	--	
1990	227	59	1,026	8	740	239	60	2,073	0	--	19,335	--	--	--	
1995	183	65	1,190	10	1,031	99	1	2,331	0	--	22,514	--	--	--	
1996	180	73	1,309	27	1,383	116	6	2,841	0	--	23,462	--	--	--	
1997	237	70	1,169	21	1,261	145	33	2,629	0	--	23,831	--	--	--	
1998	148	62	1,160	18	901	122	34	2,235	0	--	24,925	--	--	--	
1999	199	63	1,023	17	1,209	305	26	2,580	0	--	25,138	--	--	--	
2000	157	63	1,118	22	1,056	263	31	2,490	0	--	26,962	--	--	--	
2001	189	65	1,558	23	1,587	332	29	3,530	0	--	27,210	--	--	--	
2002	165	62	994	18	1,198	290	30	2,530	0	--	27,946	--	--	--	
2003	167	62	816	21	1,156	286	22	2,301	0	--	27,987	--	--	--	
2004	174	62	851	31	987	236	16	2,120	0	--	28,391	--	--	--	
2005	198	60	520	30	811	290	17	1,668	0	--	29,640	--	--	--	
2006	R 197	57	435	17	R 767	57	9	R 1,285	0	--	29,800	--	--	--	
2007	161	59	368	9	841	58	6	1,282	0	--	31,126	--	--	--	

**Trillion Btu**

1960	11.1	33.8	6.4	8.5	3.3	0.6	8.6	27.5	0.0	0.5	0.0	11.3	84.2	28.0	112.2
1965	3.0	41.8	5.1	4.9	4.3	0.7	9.5	24.5	0.0	0.3	0.0	15.3	84.9	36.4	121.3
1970	0.9	88.3	6.3	2.5	6.0	0.8	10.4	25.9	0.0	0.3	0.0	21.0	136.4	50.9	187.3
1975	2.3	91.5	6.9	1.0	6.2	0.8	4.8	19.8	0.0	0.3	0.0	26.1	139.9	62.7	202.6
1980	1.4	R 77.3	5.8	1.0	3.2	1.2	3.5	14.7	0.0	0.5	0.0	44.3	138.1	106.8	244.9
1985	2.8	R 61.4	8.9	0.2	2.2	1.4	0.8	13.4	0.0	0.5	0.0	51.9	129.9	119.5	249.4
1990	5.0	60.0	6.0	(s)	2.7	1.3	0.4	10.3	0.0	1.5	0.0	66.0	142.8	152.6	295.3
1995	4.1	65.5	6.9	0.1	3.7	0.5	(s)	11.2	0.0	1.6	0.0	76.8	159.4	174.4	333.8
1996	4.1	R 73.6	7.6	0.2	5.0	0.6	(s)	13.4	0.0	1.7	0.0	80.1	172.6	182.0	354.7
1997	5.4	R 70.5	6.8	0.1	4.6	0.8	0.2	12.5	0.0	1.7	0.0	81.3	171.2	184.2	355.4
1998	3.3	R 62.7	6.8	0.1	3.3	0.6	0.2	11.0	0.0	1.5	0.0	85.0	163.4	192.9	356.2
1999	4.5	63.9	6.0	0.1	4.4	1.6	0.2	12.2	0.0	1.5	0.0	85.8	167.8	196.2	364.0
2000	3.5	R 63.6	6.5	0.1	3.8	1.4	0.2	12.0	0.0	1.6	0.0	92.0	172.5	209.3	381.7
2001	4.3	65.3	9.1	0.1	5.7	1.7	0.2	16.9	0.0	1.7	0.0	92.8	181.0	206.9	387.9
2002	3.8	62.2	5.8	0.1	4.3	1.5	0.2	11.9	0.0	1.7	0.0	95.4	175.0	212.6	387.5
2003	3.9	R 62.6	4.8	0.1	4.2	1.5	0.1	10.7	0.0	1.8	0.0	95.5	174.2	210.7	384.9
2004	4.0	R 62.8	5.0	0.2	3.6	1.2	0.1	10.0	0.0	1.7	0.0	96.9	175.2	214.3	389.5
2005	4.6	61.6	3.0	0.2	2.9	1.5	0.1	7.8	0.0	R 1.9	0.0	101.1	177.0	221.2	R 398.2
2006	4.6	57.9	2.5	0.1	2.8	0.3	0.1	5.8	0.0	R 1.8	0.0	101.7	171.7	219.9	R 391.5
2007	3.7	60.3	2.1	0.1	3.0	0.3	(s)	5.6	0.0	1.9	0.0	106.2	177.7	229.1	406.8

<sup>a</sup> Includes supplemental gaseous fuels.

<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> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>g</sup> Wood, wood-derived fuels, and waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption. From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of

supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

<sup>i</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. • The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) under "Complete Data Files."

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 10. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2007, Missouri

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum						Hydro-electric Power <sup>e,f</sup> Million kWh	Biomass Wood and Waste <sup>f,g</sup>	Geo-thermal <sup>f</sup>	Retail Electricity Sales	Net Energy <sup>f,h</sup>	Electrical System Energy Losses <sup>i</sup>	Total <sup>f,h</sup>
			Distillate Fuel Oil	LPG <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total				Million kWh			
												Thousand Barrels			
1960	2,605	79	5,722	437	3,074	1,630	6,556	17,419	0	--	--	3,890	--	--	
1965	2,534	114	5,097	423	3,224	1,710	9,284	19,739	0	--	--	5,872	--	--	
1970	1,921	110	5,689	1,175	2,767	1,620	11,681	22,932	0	--	--	9,939	--	--	
1975	2,065	90	5,765	1,712	2,707	1,242	10,753	22,178	0	--	--	11,782	--	--	
1980	1,595	78	4,782	3,182	1,866	703	16,042	26,575	0	--	--	11,018	--	--	
1985	1,798	66	4,146	1,333	1,076	557	12,587	19,699	0	--	--	12,625	--	--	
1990	1,321	55	3,494	1,823	663	519	14,511	21,011	0	--	--	12,937	--	--	
1995	1,102	69	3,018	4,102	1,676	319	10,498	19,614	0	--	--	14,321	--	--	
1996	1,118	71	3,181	3,644	1,677	309	9,711	18,523	0	--	--	14,915	--	--	
1997	1,401	71	3,550	2,733	1,688	180	8,060	16,211	0	--	--	15,267	--	--	
1998	1,218	64	3,785	2,108	1,033	182	9,438	16,546	0	--	--	15,801	--	--	
1999	1,203	64	4,869	4,555	915	109	11,349	21,798	0	--	--	16,122	--	--	
2000	941	68	3,641	3,712	902	72	9,156	17,484	0	--	--	16,080	--	--	
2001	1,015	68	4,128	2,053	1,745	108	11,846	19,881	0	--	--	15,815	--	--	
2002	994	67	4,627	4,658	1,848	71	11,144	22,348	0	--	--	15,341	--	--	
2003	1,001	62	4,753	4,538	1,944	84	10,933	22,251	0	--	--	14,831	--	--	
2004	1,063	64	5,774	5,545	2,254	126	14,083	27,781	0	--	--	14,303	--	--	
2005	1,052	66	5,293	5,277	2,144	79	13,359	26,153	0	--	--	16,869	--	--	
2006	1,065	R 66	5,187	R 3,645	2,247	51	13,922	R 25,052	0	--	--	18,316	--	--	
2007	1,083	68	5,804	4,810	1,214	29	11,788	23,645	0	--	--	18,515	--	--	
Trillion Btu															
1960	62.2	81.7	33.3	1.8	16.1	10.2	41.3	102.8	0.0	7.3	0.0	13.3	267.2	32.8	300.1
1965	59.9	116.4	29.7	1.7	16.9	10.8	56.9	116.0	0.0	8.7	0.0	20.0	321.1	47.8	368.9
1970	43.8	110.4	33.1	4.4	14.5	10.2	71.5	133.8	0.0	9.9	0.0	33.9	331.8	82.1	413.8
1975	45.7	90.7	33.6	6.4	14.2	7.8	66.6	128.5	0.0	12.7	0.0	40.2	317.9	96.7	414.5
1980	36.0	79.3	27.9	11.7	9.8	4.4	93.8	147.6	0.0	6.4	0.0	37.6	306.9	90.6	397.5
1985	41.2	R 66.8	24.2	4.8	5.7	3.5	74.2	112.3	0.0	7.5	0.0	43.1	270.8	99.2	370.0
1990	30.4	55.1	20.4	6.6	3.5	3.3	85.5	119.2	0.0	3.1	0.0	44.1	252.0	102.1	354.1
1995	25.5	69.4	17.6	14.9	8.7	2.0	64.7	107.8	0.0	2.7	0.0	48.9	254.3	111.0	365.3
1996	25.9	R 72.0	18.5	13.2	8.7	1.9	60.5	102.9	0.0	2.8	0.0	50.9	254.3	115.7	370.0
1997	32.0	R 71.6	20.7	9.9	8.8	1.1	49.8	90.3	0.0	2.6	0.0	52.1	248.3	118.0	366.3
1998	27.9	65.0	22.0	7.6	5.4	1.1	57.8	94.0	0.0	2.5	0.0	53.9	243.3	122.3	365.6
1999	27.6	65.2	28.4	16.5	4.8	0.7	69.8	120.0	0.0	2.6	0.0	55.0	270.4	125.8	396.3
2000	21.8	R 69.5	21.2	13.4	4.7	0.5	56.3	96.0	0.0	2.2	0.0	54.9	244.2	124.8	368.9
2001	23.3	68.3	24.0	7.4	9.1	0.7	73.5	114.8	0.0	6.8	0.0	54.0	267.1	120.2	387.3
2002	23.0	67.3	27.0	16.8	9.6	0.4	68.8	122.6	0.0	5.3	0.0	52.3	270.6	116.7	387.3
2003	23.1	R 62.6	27.7	16.5	10.1	0.5	67.6	122.4	0.0	5.3	0.0	50.6	263.8	111.7	375.4
2004	24.4	R 65.5	33.6	20.1	11.8	0.8	87.4	153.6	0.0	5.6	0.0	48.8	297.7	108.0	405.7
2005	24.0	67.7	30.8	19.1	11.2	0.5	82.9	144.5	0.0	5.7	0.0	57.6	299.4	125.9	425.3
2006	24.2	R 67.0	30.2	R 13.1	11.7	0.3	86.0	R 141.4	0.0	R 5.9	0.0	62.5	R 301.0	135.1	R 436.1
2007	24.3	69.0	33.8	17.3	6.3	0.2	72.4	130.1	0.0	6.1	0.0	63.2	292.6	136.3	428.9

<sup>a</sup> Includes supplemental gaseous fuels.

<sup>b</sup> Liquefied petroleum gases.

<sup>c</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>d</sup> Includes asphalt and road oil, kerosene, lubricants, and 16 other petroleum products as described in the Technical Notes, Section 4, "Other Petroleum Products."

<sup>e</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>f</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

<sup>g</sup> Wood, wood-derived fuels, and waste. Prior to 2001, includes non-biomass waste.

<sup>h</sup> From 1981 through 1992, includes fuel ethanol blended into motor gasoline but not shown in the motor gasoline column. Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived,

but should be counted only once in net energy and total.

<sup>i</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

kWh = Kilowatthours. -- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) under "Complete Data Files."

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

**Table 11. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2007, Missouri**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum								Fuel Ethanol <sup>d</sup> Thousand Barrels	Retail Electricity Sales Million Kilowatthours	Net Energy <sup>e,f</sup>	Electrical System Energy Losses <sup>g</sup>	Total <sup>e,f</sup>
			Aviation Gasoline	Distillate Fuel Oil	Jet Fuel	LPG <sup>b</sup>	Lubricants	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Total					
			Thousand Barrels												
1960	45	8	1,844	4,485	1,249	43	669	37,620	34	45,943	0	2	--	--	--
1965	8	9	2,323	6,685	3,625	47	701	41,658	154	55,191	0	0	--	--	--
1970	3	13	179	7,990	8,074	85	735	53,122	163	70,349	0	0	--	--	--
1975	(s)	7	184	8,721	8,311	74	793	59,476	141	77,698	0	0	--	--	--
1980	0	6	162	10,824	6,268	68	932	56,877	142	75,272	0	0	--	--	--
1985	0	4	135	13,271	5,889	138	848	58,698	38	79,017	34	0	--	--	--
1990	0	5	126	16,049	6,647	117	955	63,092	34	87,019	623	0	--	--	--
1995	0	7	109	19,195	11,425	112	911	67,155	21	98,928	561	16	--	--	--
1996	0	7	108	22,090	12,133	98	884	68,154	18	103,484	295	19	--	--	--
1997	0	7	160	23,455	R 12,325	57	934	68,748	15	R 105,694	163	18	--	--	--
1998	0	6	136	30,232	R 12,758	20	977	70,520	4	R 114,648	186	19	--	--	--
1999	0	7	75	29,324	12,760	59	988	69,969	5	113,179	399	20	--	--	--
2000	0	8	98	23,159	4,906	66	973	72,687	6	101,894	685	19	--	--	--
2001	0	2	146	23,509	7,493	263	891	70,433	4	102,738	614	20	--	--	--
2002	0	3	119	23,249	9,535	78	881	71,599	10	105,471	1,476	29	--	--	--
2003	0	3	104	25,134	8,048	116	814	74,523	13	108,752	2,098	30	--	--	--
2004	0	3	124	26,985	3,999	111	825	74,551	18	106,612	2,230	10	--	--	--
2005	0	3	188	26,907	6,599	113	821	74,563	14	109,206	R 2,751	19	--	--	--
2006	0	2	128	27,563	6,574	161	800	74,780	9	110,014	R 2,749	19	--	--	--
2007	0	3	126	27,909	6,339	159	826	76,546	3	111,907	3,856	20	--	--	--
<b>Trillion Btu</b>															
1960	1.1	8.2	9.3	26.1	7.0	0.2	4.1	197.6	0.2	244.5	0.0	(s)	253.8	(s)	253.8
1965	0.2	9.1	11.7	38.9	20.4	0.2	4.3	218.8	1.0	295.3	0.0	0.0	304.6	0.0	304.6
1970	0.1	12.8	0.9	46.5	45.7	0.3	4.5	279.0	1.0	378.0	0.0	0.0	390.9	0.0	390.9
1975	(s)	7.6	0.9	50.8	47.0	0.3	4.8	312.4	0.9	417.2	0.0	0.0	424.7	0.0	424.7
1980	0.0	5.7	0.8	63.0	35.5	0.2	5.7	298.8	0.9	404.9	0.0	0.0	410.6	0.0	410.6
1985	0.0	4.3	0.7	77.3	33.3	0.5	5.1	308.3	0.2	425.5	0.1	0.0	430.0	0.0	430.0
1990	0.0	5.4	0.6	93.5	37.6	0.4	5.8	331.4	0.2	469.6	2.2	0.0	477.2	0.0	477.2
1995	0.0	7.2	0.5	111.8	64.8	0.4	5.5	350.2	0.1	533.4	2.0	0.1	540.7	0.1	540.8
1996	0.0	7.6	0.5	128.7	68.8	0.4	5.4	355.5	0.1	559.3	1.0	0.1	567.0	0.1	567.1
1997	0.0	7.6	0.8	136.6	69.9	0.2	5.7	358.4	0.1	R 571.7	0.6	0.1	579.3	0.1	579.4
1998	0.0	5.6	0.7	176.1	72.3	0.1	5.9	367.6	(s)	R 622.7	0.7	0.1	R 628.4	0.2	628.5
1999	0.0	6.9	0.4	170.8	72.3	0.2	6.0	364.6	(s)	614.4	1.4	0.1	621.4	0.2	621.5
2000	0.0	7.8	0.5	134.9	27.8	0.2	5.9	378.7	(s)	548.1	2.4	0.1	555.9	0.1	556.1
2001	0.0	2.0	0.7	136.9	42.5	0.9	5.4	367.0	(s)	553.5	2.2	0.1	555.6	0.2	555.8
2002	0.0	2.7	0.6	135.4	54.1	0.3	5.3	372.9	0.1	568.7	5.2	0.1	571.4	0.2	571.7
2003	0.0	3.2	0.5	146.4	45.6	0.4	4.9	388.0	0.1	586.0	7.4	0.1	589.3	0.2	589.6
2004	0.0	3.5	0.6	157.2	22.7	0.4	5.0	388.8	0.1	574.8	7.9	(s)	578.3	0.1	578.3
2005	0.0	2.7	0.9	156.7	37.4	0.4	5.0	389.1	0.1	589.6	R 9.7	0.1	592.4	0.1	592.5
2006	0.0	2.5	0.6	160.6	37.3	0.6	4.8	390.2	0.1	594.2	R 9.7	0.1	596.8	0.1	596.9
2007	0.0	2.8	0.6	162.6	35.9	0.6	5.0	399.5	(s)	604.2	13.6	0.1	607.1	0.1	607.3

<sup>a</sup> Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, natural gas consumed as vehicle fuel.

<sup>b</sup> Liquefied petroleum gases.

<sup>c</sup> Beginning in 1993, motor gasoline includes fuel ethanol blended into the product.

<sup>d</sup> Beginning in 1981, fuel ethanol is shown separately to display the use of renewable energy by the transportation sector. It is counted only once in the total. There is also a discontinuity in this time series between 2004 and 2005 due to changes in estimation methodology. See Section 5 of the Technical Notes.

<sup>e</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of renewable energy sources beginning in 1981.

<sup>f</sup> From 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline

column.

<sup>g</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) under "Complete Data Files."

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.

Table 12. Electric Power Sector Consumption Estimates, Selected Years, 1960-2007, Missouri

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum				Nuclear Electric Power Million Kilowatthours	Hydroelectric Power <sup>d</sup> Million Kilowatthours	Biomass Wood and Waste <sup>e,f</sup> Million Kilowatthours	Geothermal <sup>f</sup> Million Kilowatthours	Solar/PV <sup>f,g</sup> Million Kilowatthours	Wind <sup>f</sup> Million Kilowatthours	Electricity Net Imports <sup>h</sup>	Total <sup>f,i</sup>
			Residual Fuel Oil <sup>b</sup>	Distillate Fuel Oil <sup>c</sup>	Petroleum Coke	Total								
			Thousand Barrels											
1960	3,674	30	150	178	0	328	0	726	--	0	0	0	0	--
1965	5,690	48	77	92	0	168	0	802	--	0	0	0	0	--
1970	10,846	63	133	159	0	291	0	927	--	0	0	0	0	--
1975	17,734	26	375	710	15	1,100	0	1,280	--	0	0	0	0	--
1980	23,168	15	29	538	101	668	0	558	--	0	0	0	0	--
1985	22,779	1	16	202	1	219	8,030	2,993	--	0	0	0	0	--
1990	24,231	4	8	207	0	215	7,998	2,192	--	0	0	0	0	--
1995	30,440	13	13	283	1,114	1,410	8,242	1,919	--	0	0	0	(s)	--
1996	33,059	5	28	228	0	256	8,890	1,314	--	0	0	0	0	--
1997	35,193	7	25	275	0	300	8,955	1,593	--	0	0	0	1	--
1998	37,165	16	13	701	0	714	8,517	2,347	--	0	0	0	(s)	--
1999	36,546	19	(s)	703	0	703	8,587	1,853	--	0	0	0	3	--
2000	37,183	30	(s)	592	0	592	9,992	600	--	0	0	0	0	--
2001	38,585	33	(s)	313	919	1,233	8,384	1,104	--	0	0	0	0	--
2002	39,703	30	1	220	766	987	8,390	1,357	--	0	0	0	0	--
2003	43,835	22	0	240	89	330	9,700	652	--	0	0	0	(s)	--
2004	44,379	25	0	154	221	375	7,831	1,480	--	0	0	0	-6	--
2005	45,765	32	0	242	113	355	8,031	1,159	--	0	0	0	10	--
2006	45,603	32	0	138	0	138	10,117	199	--	0	0	0	3	--
2007	44,094	41	0	139	0	139	9,372	1,204	--	0	0	0	1	--

  

Trillion Btu														
1960	80.5	31.3	0.9	1.0	0.0	2.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	121.6
1965	122.6	48.5	0.5	0.5	0.0	1.0	0.0	8.4	0.0	0.0	0.0	0.0	0.0	180.5
1970	233.4	63.4	0.8	0.9	0.0	1.8	0.0	9.7	0.0	0.0	0.0	0.0	0.0	308.3
1975	381.2	25.7	2.4	4.1	0.1	6.6	0.0	13.3	0.0	0.0	0.0	0.0	0.0	426.8
1980	493.6	15.0	0.2	3.1	0.6	3.9	0.0	5.8	0.0	0.0	0.0	0.0	0.0	518.3
1985	484.9	1.5	0.1	1.2	(s)	1.3	85.3	31.3	0.0	0.0	0.0	0.0	0.0	604.2
1990	503.0	3.6	(s)	1.2	0.0	1.3	84.6	22.8	0.0	0.0	0.0	0.0	0.0	615.3
1995	563.4	12.9	0.1	1.7	6.7	8.4	86.6	19.8	0.3	0.0	0.0	0.0	(s)	691.4
1996	600.6	5.3	0.2	1.3	0.0	1.5	93.4	13.6	0.3	0.0	0.0	0.0	0.0	714.6
1997	632.6	7.6	0.2	1.6	0.0	1.8	94.0	16.3	0.4	0.0	0.0	0.0	(s)	752.5
1998	664.1	16.3	0.1	4.1	0.0	4.2	89.3	23.9	0.8	0.0	0.0	0.0	(s)	798.7
1999	654.5	19.7	(s)	4.1	0.0	4.1	89.7	18.9	0.5	0.0	0.0	0.0	(s)	787.5
2000	663.3	R 30.9	(s)	3.4	0.0	3.4	104.2	6.1	0.7	0.0	0.0	0.0	0.0	808.6
2001	688.2	R 36.1	(s)	1.8	5.5	7.4	87.6	11.4	R (s)	0.0	0.0	0.0	0.0	830.6
2002	698.3	30.2	(s)	1.3	4.6	5.9	87.6	13.8	(s)	0.0	0.0	0.0	0.0	835.8
2003	768.1	R 22.1	0.0	1.4	0.5	1.9	101.1	6.7	(s)	0.0	0.0	0.0	(s)	899.8
2004	778.5	R 25.1	0.0	0.9	1.3	2.2	81.7	14.8	(s)	0.0	0.0	0.0	(s)	R 902.3
2005	806.7	32.5	0.0	1.4	0.7	2.1	83.8	11.6	0.0	0.0	0.0	0.0	(s)	936.7
2006	799.8	33.3	0.0	0.8	0.0	0.8	105.6	2.0	0.1	0.0	0.0	0.0	(s)	941.6
2007	774.0	42.0	0.0	0.8	0.0	0.8	98.3	11.9	0.2	0.0	0.0	0.0	(s)	927.2

<sup>a</sup> Includes supplemental gaseous fuels.

<sup>b</sup> Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil nos. 4, 5, and 6.

<sup>c</sup> Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil nos. 1 and 2, and small amounts of kerosene and jet fuel.

<sup>d</sup> Conventional hydroelectric power. For 1960 through 1989, includes pumped-storage hydroelectricity, which cannot be separately identified.

<sup>e</sup> Wood, wood-derived fuels, and 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 renewable energy sources beginning in 1989.

<sup>g</sup> Solar thermal and photovoltaic energy.

<sup>h</sup> Electricity traded with Canada and Mexico.

<sup>i</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both

natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in net energy and total.

-- = Not applicable.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: Totals may not equal sum of components due to independent rounding. • The electric power sector comprises electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. • Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. • The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.

Web Page: All data available at [http://www.eia.doe.gov/emeu/states/\\_seds.html](http://www.eia.doe.gov/emeu/states/_seds.html) under "Complete Data Files."

Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.