

Table 167. Energy Consumption Estimates by Source, Selected Years 1960-1999, Missouri

Year	Coal ^a	Natural Gas ^b	Petroleum											Nuclear Electric Power	Hydro-electric Power ^d	Wood and Waste	Other ^{a,e}	Net Interstate Flow of Electricity/Losses ^f	Total ^g
			Asphalt & Road Oil ^a	Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	Kero-sene ^a	LPG ^a	Lubri-cants ^a	Motor Gasoline	Residual Fuel ^a	Other ^{a,c}	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels											Million kWh		Million kWh	Other ^{a,e}	Million kWh	
1960	7,510	261	3,725	1,844	12,817	1,249	2,087	5,994	953	40,807	3,179	R 2,207	R 74,860	0	726	—	—	4,227	—
1965	8,534	341	4,401	2,323	13,803	3,625	1,162	7,692	1,029	45,015	3,449	R 4,395	R 86,894	0	802	—	—	2,382	—
1970	12,863	430	5,657	179	16,235	8,074	643	11,771	1,150	56,041	3,570	R 5,467	R 108,789	0	927	—	—	-2,103	—
1975	19,955	370	5,401	184	17,819	8,311	282	12,995	1,284	62,342	2,521	R 4,801	R 115,940	0	1,280	—	—	-12,225	—
1980	24,845	318	4,002	162	18,390	6,268	315	9,121	1,603	58,966	1,427	R 11,384	R 111,638	0	558	—	—	-5,550	—
1985	24,733	260	4,295	135	19,593	5,889	149	5,583	1,459	60,036	732	7,660	105,531	8,030	2,993	—	—	-22,418	—
1990	25,836	239	4,468	126	20,743	6,647	45	6,874	1,641	63,994	629	9,864	115,031	7,998	R h 2,156	—	—	R -8,848	—
1991	25,773	256	4,062	117	20,310	7,506	65	8,633	1,468	63,908	548	4,639	111,256	9,979	R 1,072	—	—	R -6,189	—
1992	25,180	241	3,832	115	22,458	7,522	43	8,470	1,497	65,260	666	5,644	115,507	8,084	R 1,450	—	—	R -4,364	—
1993	23,381	280	4,055	93	22,784	9,034	56	9,586	1,524	66,109	1,079	6,030	120,350	8,381	R 3,110	—	—	R 16,244	—
1994	27,663	268	5,703	113	24,545	10,623	48	9,407	1,593	67,526	534	6,527	126,619	10,006	R 1,844	—	—	R -6,774	—
1995	31,753	279	5,296	109	25,540	11,425	53	11,085	1,566	68,930	359	6,369	130,732	8,242	R 1,854	—	—	R -10,057	—
1996	34,382	294	5,385	108	27,873	12,133	116	R 12,965	1,520	69,947	365	R 4,462	R 134,876	8,890	R 1,239	—	—	R -9,155	—
1997	36,665	284	4,141	160	30,015	12,320	77	R 11,200	1,605	70,581	257	R 4,320	R 134,678	8,955	R 1,479	—	—	R -18,477	—
1998	38,589	259	3,906	136	36,943	12,747	83	8,134	1,680	71,675	247	5,676	141,228	8,517	2,269	—	—	-22,830	—
1999	37,948	266	4,977	75	35,879	12,760	84	12,671	1,698	71,189	169	6,465	145,967	8,587	1,743	—	—	-26,448	—
Trillion Btu																			
1960	170.9	270.1	24.7	9.3	74.7	7.0	11.8	24.0	5.8	214.4	20.0	R 13.0	R 404.6	0.0	7.8	33.6	0.0	14.4	R 901.5
1965	189.6	348.0	29.2	11.7	80.4	20.4	6.6	30.9	6.2	236.5	21.7	R 24.8	R 468.4	0.0	8.4	27.0	0.0	8.1	R 1,049.5
1970	279.2	432.5	37.5	0.9	94.6	45.7	3.6	44.5	7.0	294.4	22.4	R 30.7	R 581.3	0.0	9.7	23.6	0.0	-7.2	R 1,319.3
1975	430.2	371.8	35.8	0.9	103.8	47.0	1.6	48.3	7.8	327.5	15.9	R 27.4	R 616.0	0.0	13.3	27.1	0.0	-41.7	R 1,416.8
1980	531.4	322.9	26.6	0.8	107.1	35.5	1.8	33.5	9.7	309.8	9.0	R 63.3	R 597.0	0.0	5.8	R 28.8	0.0	-18.9	R 1,467.0
1985	529.7	264.3	28.5	0.7	114.1	33.3	0.8	20.1	8.8	315.4	4.6	41.9	568.3	86.8	31.3	R 28.7	0.0	-76.5	R 1,432.6
1990	540.6	241.3	29.6	0.6	120.8	37.6	0.3	24.9	10.0	336.2	4.0	54.8	618.8	85.4	R h 22.4	R 16.1	h 0.2	R -30.2	R h 1,494.7
1991	534.5	258.6	27.0	0.6	118.3	42.5	0.4	31.2	8.9	335.7	3.4	26.2	594.2	107.2	11.2	R 16.6	0.2	R -21.1	R 1,501.4
1992	523.2	241.2	25.4	0.6	130.8	42.6	0.2	30.7	9.1	342.8	4.2	32.1	618.5	86.3	15.0	R 17.3	0.2	R -14.9	R 1,486.9
1993	466.3	280.7	26.9	0.5	132.7	51.2	0.3	34.6	9.2	347.3	6.8	34.4	643.8	89.5	32.1	R 14.9	0.2	R 55.4	R 1,583.0
1994	542.3	269.2	37.8	0.6	143.0	60.2	0.3	34.2	9.7	R 353.2	3.4	37.4	R 679.6	106.8	19.0	R 14.7	0.2	R -23.1	R 1,608.8
1995	591.4	281.0	35.1	0.5	148.8	64.8	0.3	40.2	9.5	R 359.5	2.3	36.5	R 697.4	87.8	19.1	R 16.7	0.2	R -34.3	R 1,659.4
1996	629.7	297.5	35.7	0.5	162.4	68.8	0.7	R 46.8	9.2	R 364.8	2.3	R 25.6	R 716.9	94.4	12.8	R 16.4	0.2	R -31.2	R 1,736.7
1997	666.7	286.4	27.5	0.8	174.8	69.9	0.4	R 40.5	9.7	R 367.9	1.6	R 24.7	R 717.9	95.1	R 15.3	R 13.0	0.2	R -63.0	R 1,731.6
1998	697.0	262.0	25.9	0.7	215.2	72.3	0.5	29.4	10.2	373.6	1.6	32.7	762.0	90.5	23.5	11.0	0.2	-77.9	1,768.2
1999	686.1	269.6	33.0	0.4	209.0	72.3	0.5	45.8	10.3	371.0	1.1	37.3	780.6	91.2	18.0	12.3	0.2	-90.2	1,768.0

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c "Other" is the subtotal of 16 petroleum products consumed in the industrial sector. See a full description in Appendix A, Section 4, "Other Petroleum Products."

^d If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.

^e "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.

^f 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; conversely, a negative number indicates that more electricity (including associated losses) went out of the State than came into the State.

^g From 1989, "Total" does not equal the sum of the columns. Net imports of electricity generated from nonrenewable energy sources (shown in appendix Table A8) is included in the total but not in any other columns.

^h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

kWh=kilowatthours. R=Revised data. —=Not applicable.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 168. Residential Energy Consumption Estimates, Selected Years 1960-1999, Missouri

Year	Coal ^a	Natural Gas ^b	Petroleum				Wood	Geothermal	Solar ^c	Electricity ^a	Net Energy	Electrical System Energy Losses ^d	Total
			Distillate Fuel ^a	Kerosene ^a	LPG ^a	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Thousand Cords				Million Kilowatthours	Million Kilowatthours	
1960	415	111	1,330	240	4,687	6,257	1,293	—	—	4,223	—	10,505	—
1965	105	130	1,056	138	6,139	7,332	898	—	—	5,977	—	14,271	—
1970	32	157	1,312	69	8,934	10,315	674	—	—	9,672	—	23,438	—
1975	54	155	1,435	28	9,528	10,992	704	—	—	13,654	—	32,935	—
1980	29	143	1,246	57	4,991	6,294	R 1,093	—	—	18,648	—	45,346	—
1985	55	128	815	95	3,496	4,406	1,033	—	—	18,483	—	43,425	—
1990	99	116	355	29	4,193	4,577	669	—	—	21,652	—	R 47,367	—
1991	88	121	430	37	5,489	5,956	704	—	—	23,386	—	R 50,840	—
1992	79	117	358	21	5,545	5,923	741	—	—	21,294	—	R 45,414	—
1993	91	134	414	37	5,863	6,314	R 617	—	—	24,182	—	R 51,076	—
1994	77	123	353	24	5,771	6,148	R 605	—	—	24,057	—	R 50,205	—
1995	74	125	472	32	5,841	6,344	R 672	—	—	25,409	—	R 52,976	—
1996	72	137	335	56	R 7,840	R 8,231	R 671	—	—	26,448	—	R 55,117	—
1997	93	128	329	45	R 7,148	R 7,522	R 478	—	—	26,595	—	R 55,321	—
1998	58	111	289	49	5,105	5,444	421	—	—	28,265	—	58,389	—
1999	80	112	279	55	6,848	7,182	451	—	—	27,766	—	54,402	—
Trillion Btu													
1960	9.5	115.0	7.7	1.4	18.8	27.9	25.9	0.0	0.0	14.4	192.7	35.8	228.5
1965	2.4	132.1	6.1	0.8	24.6	31.6	18.0	0.0	0.0	20.4	204.4	48.7	253.1
1970	0.7	157.7	7.6	0.4	33.8	41.8	13.5	0.0	0.0	33.0	246.7	80.0	326.6
1975	1.2	156.5	8.4	0.2	35.4	43.9	R 14.1	0.0	0.0	46.6	262.2	112.4	374.6
1980	0.6	145.7	7.3	0.3	18.3	25.9	R 21.9	0.0	0.0	63.6	257.7	154.7	412.4
1985	1.2	130.3	4.8	0.5	12.6	17.9	20.7	0.0	0.0	63.1	233.2	148.2	381.3
1990	2.2	117.2	2.1	0.2	15.2	17.4	13.4	e (s)	R e 0.2	73.9	e 224.3	161.6	R e 385.9
1991	1.9	121.7	2.5	0.2	19.8	22.6	14.1	(s)	R 0.2	79.8	240.3	R 173.5	R 413.8
1992	1.7	116.9	2.1	0.1	20.1	22.3	14.8	0.1	R 0.2	72.7	228.6	R 155.0	R 383.6
1993	2.0	134.7	2.4	0.2	21.1	23.8	R 12.3	0.1	R 0.2	82.5	255.6	174.3	R 429.9
1994	1.8	123.3	2.1	0.1	21.0	23.2	R 12.1	0.1	R 0.2	82.1	R 242.6	171.3	R 413.9
1995	1.7	126.0	2.7	0.2	21.2	24.1	R 13.4	0.1	R 0.2	86.7	R 252.1	R 180.8	R 432.9
1996	1.6	138.7	2.0	0.3	R 28.3	R 30.6	R 13.4	0.1	R 0.2	90.2	R 274.8	R 188.1	R 462.9
1997	2.1	128.9	1.9	0.3	R 25.8	R 28.0	R 9.6	0.1	R 0.2	90.7	R 259.6	R 188.8	R 448.3
1998	1.3	112.0	1.7	0.3	18.5	20.4	8.4	0.1	0.1	96.4	238.8	199.2	438.0
1999	1.8	113.6	1.6	0.3	24.8	26.7	9.0	0.1	0.1	94.7	246.1	185.6	431.7

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Includes small amounts of solar thermal and photovoltaic energy consumed by the commercial sector that cannot be separately identified. See Appendix A, Section 5, for explanation of estimation methodology.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 169. Commercial Energy Consumption Estimates, Selected Years 1960-1999, Missouri

Year	Coal ^a	Natural Gas ^b	Petroleum					Wood	Electricity ^a	Electrical System Energy Losses ^c	Total ^d			
			Distillate Fuel ^a	Kerosene ^a	LPG ^a	Motor Gasoline	Residual Fuel ^a							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels					Thousand Cords	Geothermal	Million Kilowatthours	Net Energy	Million Kilowatthours		
1960	770	33	1,101	1,507	827	113	1,366	4,914	24	—	3,314	—	8,243	
1965	196	41	873	865	1,083	133	1,508	4,463	17	—	4,473	—	10,681	
1970	60	88	1,085	433	1,577	153	1,654	4,901	13	—	6,168	—	14,948	
1975	101	91	1,187	179	1,681	159	764	3,971	13	—	7,639	—	18,425	
1980	53	76	1,001	171	881	223	554	2,830	26	—	12,986	—	31,578	
1985	101	60	1,465	33	617	262	121	2,498	R 28	—	15,205	—	35,724	
1990	185	59	883	8	740	239	60	1,931	R 43	—	19,335	—	R 42,297	
1991	164	63	1,111	4	969	128	30	2,241	R 45	—	20,014	—	R 43,509	
1992	148	61	1,174	16	978	121	3	2,293	R 48	—	19,677	—	R 41,967	
1993	168	70	1,148	13	1,035	112	8	2,315	50	—	20,822	—	R 43,979	
1994	142	66	1,194	14	1,018	102	20	2,348	51	—	21,518	—	R 44,906	
1995	137	65	1,286	10	1,031	99	1	2,427	51	—	22,514	—	R 46,940	
1996	133	73	1,327	27	R 1,383	116	6	R 2,859	R 55	—	23,462	—	R 48,895	
1997	173	70	1,238	21	R 1,261	145	34	R 2,699	R 52	—	23,792	—	R 49,491	
1998	108	62	1,142	18	901	122	36	2,220	52	—	24,901	—	51,440	
1999	146	63	931	17	1,209	305	32	2,494	63	—	25,138	—	49,253	
Trillion Btu														
1960	17.7	33.8	6.4	8.5	3.3	0.6	8.6	27.5	0.5	0.0	11.3	90.8	28.1	118.9
1965	4.5	41.8	5.1	4.9	4.3	0.7	9.5	24.5	0.3	0.0	15.3	86.4	36.4	122.8
1970	1.3	88.3	6.3	2.5	6.0	0.8	10.4	25.9	0.3	0.0	21.0	136.8	51.0	187.8
1975	2.2	91.5	6.9	1.0	6.2	0.8	4.8	19.8	0.3	0.0	26.1	139.8	62.9	202.6
1980	1.2	77.3	5.8	1.0	3.2	1.2	3.5	14.7	0.5	0.0	44.3	137.9	107.7	245.7
1985	2.3	61.4	8.5	0.2	2.2	1.4	0.8	13.1	R 0.6	0.0	51.9	R 129.2	121.9	R 251.1
1990	4.0	60.0	5.1	(s)	2.7	1.3	0.4	9.5	R 0.9	e 0.0	66.0	R e 140.4	144.3	R e 284.7
1991	3.6	63.7	6.5	(s)	3.5	0.7	0.2	10.9	R 0.9	0.0	68.3	R 147.4	R 148.5	R 295.8
1992	3.2	61.1	6.8	0.1	3.5	0.6	(s)	11.1	R 1.0	0.0	67.1	R 143.6	R 143.2	R 286.8
1993	3.8	69.9	6.7	0.1	3.7	0.6	(s)	11.1	1.0	0.0	71.0	156.9	150.1	R 306.9
1994	3.2	66.6	7.0	0.1	3.7	0.5	0.1	11.4	1.0	0.0	73.4	155.7	153.2	308.9
1995	3.1	65.5	7.5	0.1	3.7	0.5	(s)	11.8	1.0	0.0	76.8	158.3	R 160.2	R 318.4
1996	3.0	73.6	7.7	0.2	R 5.0	0.6	(s)	R 13.5	1.1	0.0	80.1	R 171.3	R 166.8	R 338.1
1997	3.9	70.5	7.2	0.1	R 4.6	0.8	0.2	R 12.9	1.0	0.0	81.2	R 169.6	R 168.9	R 338.4
1998	2.5	62.7	6.7	0.1	3.3	0.6	0.2	10.9	1.0	0.0	85.0	162.0	175.5	337.5
1999	3.3	64.0	5.4	0.1	4.4	1.6	0.2	11.7	1.3	0.0	85.8	166.0	168.0	334.1

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels.

^c Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

^d Small amounts of solar thermal and photovoltaic energy consumed in the commercial sector cannot be separately identified and are included in residential consumption.

^e There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of

renewable energy sources beginning in 1989.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 170. Industrial Energy Consumption Estimates, Selected Years 1960-1999, Missouri

Year	Coal	Natural Gas ^a	Petroleum									Hydro-electric Power ^b	Wood and Waste	Other ^{b,d}	Electricity ^b	Net Energy	Electrical System Energy Losses ^e	
			Asphalt and Road Oil ^b	Distillate Fuel ^b	Kerosene ^b	LPG ^b	Lubricants ^b	Motor Gasoline	Residual Fuel ^b	Other ^{b,c}	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels										Other ^{b,d}		Million kWh	Million kWh	Million kWh	Total
1960	2,605	79	3,725	5,722	340	437	284	3,074	1,630	R 2,207	R 17,419	0	—	—	3,890	—	9,675	—
1965	2,534	114	4,401	5,097	160	423	328	3,224	1,710	R 4,395	R 19,739	0	—	—	5,872	—	14,020	—
1970	1,921	110	5,657	5,689	141	1,175	415	2,767	1,620	R 5,467	R 22,932	0	—	—	9,939	—	24,084	—
1975	2,065	90	5,401	5,765	75	1,712	491	2,707	1,242	R 4,786	R 22,178	0	—	—	11,782	—	28,421	—
1980	1,595	78	4,002	4,782	87	3,182	671	1,866	703	R 11,283	R 26,575	0	—	—	11,018	—	26,792	—
1985	1,798	66	4,295	3,993	22	1,333	610	1,076	557	7,660	19,546	0	—	—	12,625	—	29,661	—
1990	1,321	55	4,468	3,007	8	1,823	687	663	526	9,864	21,046	f 0	—	—	12,937	—	R 28,302	—
1991	1,235	57	4,062	2,947	23	2,046	614	758	476	4,639	15,565	0	—	—	13,114	—	R 28,509	—
1992	1,137	58	3,832	3,258	6	1,859	626	669	621	5,644	16,515	0	—	—	13,440	—	R 28,665	—
1993	1,177	61	4,055	2,803	5	2,597	638	1,469	1,015	5,115	17,696	0	—	—	13,618	—	R 28,763	—
1994	1,070	72	5,703	3,482	10	2,416	666	1,623	465	5,323	19,688	0	—	—	14,106	—	R 29,438	—
1995	1,102	69	5,296	3,261	11	4,102	655	1,676	324	5,254	20,580	0	—	—	14,321	—	R 29,858	—
1996	1,118	72	5,385	3,225	33	R 3,644	636	1,677	314	R 4,462	R 19,376	0	—	—	14,915	—	R 31,083	—
1997	1,206	71	4,141	3,761	12	R 2,733	672	1,688	183	R 4,320	R 17,510	0	—	—	15,267	—	R 31,757	—
1998	1,258	65	3,906	3,727	15	2,108	703	1,033	194	5,676	17,362	0	—	—	15,801	—	32,641	—
1999	1,175	65	4,977	4,434	12	4,555	710	915	131	6,465	22,199	0	—	—	16,122	—	31,588	—
Trillion Btu																		
1960	62.2	81.7	24.7	33.3	1.9	1.8	1.7	16.1	10.2	R 13.0	R 102.8	0.0	7.3	0.0	13.3	R 267.2	33.0	R 300.3
1965	59.9	116.4	29.2	29.7	0.9	1.7	2.0	16.9	10.8	R 24.8	R 116.0	0.0	8.7	0.0	20.0	R 321.1	47.8	R 368.9
1970	43.8	110.4	37.5	33.1	0.8	4.4	2.5	14.5	10.2	R 30.7	R 133.8	0.0	9.9	0.0	33.9	R 331.8	82.2	R 413.9
1975	45.7	90.7	35.8	33.6	0.4	6.4	3.0	14.2	7.8	R 27.3	R 128.5	0.0	12.7	0.0	40.2	R 317.9	97.0	R 414.8
1980	36.0	79.3	26.6	27.9	0.5	11.7	4.1	9.8	4.4	R 62.7	R 147.6	0.0	6.4	0.0	37.6	R 306.9	91.4	R 398.3
1985	41.2	66.8	28.5	23.3	0.1	4.8	3.7	5.7	3.5	41.9	111.4	0.0	7.5	0.0	43.1	R 270.0	101.2	R 371.2
1990	30.4	55.1	29.6	17.5	(s)	6.6	4.2	3.5	3.3	54.8	119.6	f 0	R 1.9	f 0	44.1	R f 251.1	R 96.6	R f 347.7
1991	28.7	57.7	27.0	17.2	0.1	7.4	3.7	4.0	3.0	26.2	88.6	0.0	R 1.7	0.0	44.7	R 221.4	R 97.3	R 318.7
1992	26.6	58.6	25.4	19.0	(s)	6.7	3.8	3.5	3.9	32.1	94.5	0.0	R 1.5	0.0	45.9	R 227.1	R 97.8	R 324.9
1993	27.8	61.2	26.9	16.3	(s)	9.4	3.9	7.7	6.4	28.9	99.5	0.0	R 1.5	0.0	46.5	R 236.4	R 98.1	R 334.6
1994	24.6	72.0	37.8	20.3	0.1	8.8	4.0	8.5	2.9	30.1	R 112.5	0.0	R 1.5	0.0	48.1	R 258.9	100.4	R 359.3
1995	25.5	69.4	35.1	19.0	0.1	14.9	4.0	R 8.7	2.0	29.8	R 113.6	0.0	R 2.0	0.0	48.9	R 259.4	R 101.9	R 361.3
1996	25.9	72.3	35.7	18.8	0.2	R 13.2	3.9	R 8.7	2.0	R 25.6	R 108.0	0.0	R 1.6	0.0	50.9	R 258.7	R 106.1	R 364.8
1997	27.5	71.9	27.5	21.9	0.1	R 9.9	4.1	R 8.8	1.2	R 24.7	R 98.1	0.0	R 1.9	0.0	52.1	R 251.5	R 108.4	R 359.9
1998	28.8	65.6	25.9	21.7	0.1	7.6	4.3	5.4	1.2	32.7	98.9	0.0	0.7	0.0	53.9	247.9	111.4	359.3
1999	26.9	65.8	33.0	25.8	0.1	16.5	4.3	4.8	0.8	37.3	122.6	0.0	1.5	0.0	55.0	271.8	107.8	379.6

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^c "Other" is the subtotal of 16 petroleum products. See a full description in Appendix A, Section 4, "Other Petroleum Products."^d "Other" is geothermal, wind, photovoltaic, and solar thermal energy. See Appendix A, Section 5, for explanation of estimation methodology.^e Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

R=Revised data.

kWh=kilowatthours. — =Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 171. Transportation Energy Consumption Estimates, Selected Years 1960-1999, Missouri

Year	Coal ^a	Natural Gas ^b	Petroleum								Ethanol ^c	Electricity ^a	Electrical System Energy Losses ^d	Total ^c	
			Aviation Gasoline ^a	Distillate Fuel ^a	Jet Fuel ^a	LPG ^a	Lubricants ^a	Motor Gasoline	Residual Fuel ^a	Total					
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Barrels	Million Kilowatthours	Net Energy	Million Kilowatthours	
1960	46	8	1,844	4,485	1,249	43	669	37,620	34	45,943	0	2	—	5	—
1965	8	9	2,323	6,685	3,625	47	701	41,658	154	55,191	0	0	—	0	—
1970	3	13	179	7,990	8,074	85	735	53,122	163	70,349	0	0	—	0	—
1975	(s)	7	184	8,721	8,311	74	793	59,476	141	77,698	0	0	—	0	—
1980	0	6	162	10,824	6,268	68	932	56,877	142	75,272	0	0	—	0	—
1985	0	4	135	13,116	5,889	138	848	58,698	38	78,863	R e 35	0	—	0	—
1990	0	5	126	16,291	6,647	117	955	63,092	34	87,263	R 631	0	—	0	—
1991	0	3	117	15,577	7,506	130	854	63,022	0	87,206	R 570	0	—	0	—
1992	0	2	115	17,483	7,522	88	871	64,471	17	90,567	R 672	0	—	0	—
1993	0	10	93	18,052	9,034	91	887	64,527	34	92,719	R 768	0	—	0	—
1994	0	3	113	19,260	10,623	202	927	65,801	22	96,949	R 861	12	—	25	—
1995	0	7	109	20,237	11,425	112	911	67,155	21	99,971	R 576	16	—	33	—
1996	0	7	108	22,759	12,133	R 98	884	68,154	18	R 104,153	R 303	19	—	39	—
1997	0	7	160	24,412	12,320	R 57	934	68,748	15	R 106,646	R 167	18	—	37	—
1998	0	6	136	31,083	12,747	20	977	70,520	4	115,487	189	19	—	40	—
1999	0	7	75	29,532	12,760	59	988	69,969	6	113,388	406	20	—	38	—
Trillion Btu															
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	76.4	33.3	0.5	5.1	308.3	0.2	424.6	R e 0.1	0.0	e 429.0	0.0	e 429.0
1990	0.0	5.4	0.6	94.9	37.6	0.4	5.8	331.4	0.2	471.0	R 2.2	0.0	476.4	0.0	476.4
1991	0.0	2.6	0.6	90.7	42.5	0.5	5.2	331.1	0.0	470.5	R 2.0	0.0	473.1	0.0	473.1
1992	0.0	2.3	0.6	101.8	42.6	0.3	5.3	338.7	0.1	489.4	R 2.4	0.0	491.7	0.0	491.7
1993	0.0	9.9	0.5	105.2	51.2	0.3	5.4	339.0	0.2	501.7	R 2.7	0.0	511.6	0.0	511.6
1994	0.0	2.9	0.6	112.2	60.2	0.7	5.6	R 344.1	0.1	R 523.6	R 3.0	(s)	R 526.5	0.1	R 526.6
1995	0.0	7.2	0.5	117.9	64.8	0.4	5.5	R 350.2	0.1	R 539.5	R 2.0	0.1	R 546.7	0.1	R 546.8
1996	0.0	7.6	0.5	132.6	68.8	R 0.4	5.4	R 355.5	0.1	R 563.2	R 1.1	0.1	R 570.9	0.1	R 571.0
1997	0.0	7.6	0.8	142.2	69.9	R 0.2	5.7	R 358.4	0.1	R 577.2	R 0.6	0.1	R 584.8	0.1	R 585.0
1998	0.0	5.6	0.7	181.1	72.3	0.1	5.9	367.6	(s)	627.6	0.7	0.1	633.2	0.1	633.4
1999	0.0	6.8	0.4	172.0	72.3	0.2	6.0	364.6	(s)	615.6	1.4	0.1	622.5	0.1	622.6

^a The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.

^b Includes supplemental gaseous fuels. Transportation use of natural gas is gas consumed in the operation of pipelines, primarily in compressors, and, since 1990, is also gas consumed as vehicle fuel.

^c Ethanol blended into motor gasoline, which is accounted for under motor gasoline, is shown separately here to display the use of renewable energy by the transportation sector and is included only once in the total.

^d Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses.

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

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.

Table 172. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-1999, Missouri

Year	Coal	Natural Gas ^a	Petroleum				Nuclear Electric Power	Hydroelectric Power ^e	Wood and Waste	Geothermal Energy	Other ^{b,f}	Total ^g
			Heavy Oil ^{b,c}	Light Oil ^{b,d}	Petroleum Coke ^b	Total						
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels				Million Kilowatthours					
1960	3,674	30	150	178	0	328	0	726	0	0	0	—
1965	5,690	48	77	92	0	168	0	802	0	0	0	—
1970	10,846	63	133	159	0	291	0	927	0	0	0	—
1975	17,734	26	375	710	15	1,100	0	1,280	0	0	0	—
1980	23,168	15	29	538	101	668	0	558	0	0	0	—
1985	22,779	1	16	202	1	219	8,030	2,993	0	0	0	—
1990	24,231	4	8	207	0	215	7,998	2,156	0	0	0	—
1991	24,286	13	42	245	0	287	9,979	1,072	0	0	0	—
1992	23,815	2	24	185	0	209	8,084	1,450	0	0	0	—
1993	21,945	5	22	367	915	1,305	8,381	3,110	1	0	0	—
1994	26,375	4	27	255	1,204	1,486	10,006	1,844	7	0	0	—
1995	30,440	13	13	283	1,114	1,410	8,242	1,854	25	0	0	—
1996	33,059	5	28	228	0	256	8,890	1,239	31	0	0	—
1997	35,193	7	25	275	0	300	8,955	R 1,479	42	0	0	—
1998	37,165	16	13	701	0	714	8,517	2,269	78	0	0	—
1999	36,546	19	(s)	703	0	703	8,587	1,743	50	0	0	—
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	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	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	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	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	518.3
1985	484.9	1.5	0.1	1.2	(s)	1.3	86.8	31.3	0.0	0.0	0.0	605.8
1990	504.0	3.6	(s)	1.2	0.0	1.3	85.4	22.4	0.0	0.0	0.0	616.7
1991	500.2	12.9	0.3	1.4	0.0	1.7	107.2	11.2	0.0	0.0	0.0	633.1
1992	491.6	2.4	0.2	1.1	0.0	1.2	86.3	15.0	0.0	0.0	0.0	596.5
1993	432.7	4.9	0.1	2.1	5.5	7.8	89.5	32.1	(s)	0.0	0.0	567.1
1994	512.6	4.4	0.2	1.5	7.3	8.9	106.8	19.0	0.1	0.0	0.0	651.8
1995	561.1	12.9	0.1	1.7	6.7	8.4	87.8	19.1	0.3	0.0	0.0	689.6
1996	599.2	5.3	0.2	1.3	0.0	1.5	94.4	12.8	0.3	0.0	0.0	713.6
1997	633.1	7.5	0.2	1.6	0.0	1.8	95.1	R 15.3	0.4	0.0	0.0	R 753.2
1998	664.4	16.2	0.1	4.1	0.0	4.2	90.5	23.5	0.8	0.0	0.0	799.5
1999	654.0	19.5	(s)	4.1	0.0	4.1	91.2	18.0	0.5	0.0	0.0	787.4

^a Includes supplemental gaseous fuels.^b The continuity of these data series estimates may be affected by changing data sources and estimation methodologies. See the "Additional Notes" under each type of energy in Appendix A.^c Prior to 1980, based on oil used in steam plants. Since 1980, heavy oil includes fuel oil nos. 4, 5, and 6 and residual fuel oils.^d Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. Since 1980, light oil includes fuel oil nos. 1 and 2, kerosene, and jet fuel.^e If applicable, through 1988, includes all net imports of electricity, and, from 1989, includes only the portion of imports of electricity that is derived from hydroelectric power.^f "Other" is electricity generated for distribution from wind, photovoltaic, and solar thermal energy.^g If applicable, from 1989, includes net imports of electricity generated from nonrenewable energy sources not shown in other columns. See data in appendix Table A8.

R=Revised data.

—=Not applicable.

(s)=Btu value less than 0.05 and physical unit value less than 0.5.

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

Sources: Data sources, estimation procedures, and assumptions are described in the appendices to this report.