

Table 90. Residential Energy Consumption Estimates, Selected Years 1960-1999, Idaho

Year	Coal ^a	Natural Gas ^b	Petroleum				Wood	Geothermal	Solar ^c	Electricity ^a	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	Net Energy	Million Kilowatthours			
1960	166	2	663	0	314	977	278	—	—	1,463	—	3,639	
1965	123	5	708	0	348	1,056	200	—	—	1,779	—	4,247	
1970	63	8	837	0	711	1,548	146	—	—	2,354	—	5,706	
1975	66	14	972	0	712	1,684	160	—	—	3,870	—	9,336	
1980	40	7	485	0	316	801	144	—	—	4,936	—	12,003	
1985	16	8	635	2	328	964	199	—	—	5,780	—	13,580	
1990	21	9	530	5	318	853	102	—	—	5,626	—	R 12,308	
1991	24	10	704	2	373	1,078	108	—	—	5,971	—	R 12,981	
1992	18	10	570	2	297	869	113	—	—	5,739	—	R 12,239	
1993	15	13	619	2	328	948	109	—	—	6,245	—	R 13,191	
1994	14	12	524	2	307	833	107	—	—	6,222	—	R 12,985	
1995	14	13	510	15	374	899	119	—	—	6,193	—	R 12,912	
1996	10	15	526	13	449	988	R 118	—	—	6,508	—	R 13,563	
1997	11	15	578	4	R 432	R 1,014	R 123	—	—	6,628	—	R 13,787	
1998	20	16	425	14	177	616	108	—	—	6,610	—	13,655	
1999	19	18	541	6	733	1,280	116	—	—	6,806	—	13,336	
Trillion Btu													
1960	4.1	2.3	3.9	0.0	1.3	5.1	5.6	0.0	0.0	5.0	22.0	12.4	34.5
1965	3.0	5.2	4.1	0.0	1.4	5.5	4.0	0.0	0.0	6.1	23.8	14.5	38.3
1970	1.5	8.2	4.9	0.0	2.7	7.6	2.9	0.0	0.0	8.0	28.2	19.5	47.7
1975	1.5	14.9	5.7	0.0	2.6	8.3	3.2	0.0	0.0	13.2	41.1	31.9	72.9
1980	0.9	7.8	2.8	0.0	1.2	4.0	2.9	0.0	0.0	16.8	32.4	41.0	73.3
1985	0.4	8.1	3.7	(s)	1.2	4.9	4.0	0.0	0.0	19.7	37.1	46.3	83.4
1990	0.5	8.8	3.1	(s)	1.2	4.3	2.0	^e (s)	19.2	42.0			
1991	0.5	10.6	4.1	(s)	1.3	5.5	2.2	0.1	(s)	20.4	39.2	44.3	83.5
1992	0.4	9.9	3.3	(s)	1.1	4.4	2.3	0.1	(s)	19.6	36.7	41.8	78.5
1993	0.3	13.0	3.6	(s)	1.2	4.8	2.2	0.1	(s)	21.3	41.8	45.0	86.8
1994	0.3	12.8	3.1	(s)	1.1	4.2	2.1	0.1	(s)	21.2	40.7	44.3	85.0
1995	0.3	13.4	3.0	0.1	1.4	4.4	2.4	0.1	(s)	21.1	41.7	R 44.1	R 85.8
1996	0.2	15.4	3.1	0.1	1.6	4.8	2.4	0.1	(s)	22.2	45.0	R 46.3	91.3
1997	0.2	15.7	3.4	(s)	1.6	R 4.9	R 2.5	0.1	(s)	22.6	R 46.1	47.0	R 93.1
1998	0.5	16.6	2.5	0.1	0.6	3.2	2.2	0.1	(s)	22.6	45.1	46.6	91.7
1999	0.4	18.6	3.1	(s)	2.7	5.8	2.3	(s)	(s)	23.2	50.4	45.5	95.9

^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 91. Commercial Energy Consumption Estimates, Selected Years 1960-1999, Idaho

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	Total							
	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels						Thousand Cords	Geothermal	Million Kilowatthours	Net Energy	Million Kilowatthours		
1960	307	3	232	102	55	45	0	435	5	—	1,261	—	3,136	—	
1965	228	5	248	500	61	52	0	862	4	—	1,290	—	3,079	—	
1970	118	6	294	116	125	65	0	600	3	—	2,088	—	5,059	—	
1975	123	12	341	81	126	90	0	637	3	—	3,530	—	8,515	—	
1980	73	6	218	0	56	100	487	860	3	—	3,973	—	9,661	—	
1985	30	9	366	3	58	134	25	586	R 5	—	4,592	—	10,789	—	
1990	39	9	340	1	56	148	19	565	R 7	—	5,212	—	R 11,401	—	
1991	44	10	434	(s)	66	345	1	846	R 7	—	5,166	—	R 11,230	—	
1992	33	9	414	(s)	52	312	14	793	R 7	—	5,718	—	R 12,196	—	
1993	28	11	339	(s)	58	38	30	464	9	—	5,253	—	R 11,094	—	
1994	26	10	441	2	54	38	7	542	9	—	6,010	—	R 12,543	—	
1995	25	10	454	3	66	38	4	566	9	—	5,584	—	R 11,641	—	
1996	18	12	612	4	79	167	4	867	10	—	6,231	—	R 12,986	—	
1997	20	11	467	1	R 76	39	1	R 584	R 13	—	6,285	—	R 13,073	—	
1998	37	12	470	3	31	33	4	541	13	—	6,273	—	12,960	—	
1999	36	13	585	1	129	40	0	756	16	—	6,745	—	13,216	—	
Trillion Btu															
1960	7.6	2.9	1.4	0.6	0.2	0.2	0.0	2.4	0.1	0.0	4.3	17.3	10.7	28.0	
1965	5.6	5.4	1.4	2.8	0.2	0.3	0.0	4.8	0.1	0.0	4.4	20.3	10.5	30.8	
1970	2.8	6.2	1.7	0.7	0.5	0.3	0.0	3.2	0.1	0.0	7.1	19.4	17.3	36.6	
1975	2.8	12.8	2.0	0.5	0.5	0.5	0.0	3.4	0.1	0.0	12.0	31.1	29.1	60.2	
1980	1.6	6.1	1.3	0.0	0.2	0.5	3.1	5.1	0.1	0.0	13.6	26.4	33.0	59.3	
1985	0.7	9.4	2.1	(s)	0.2	0.7	0.2	3.2	R 0.1	0.0	15.7	R 29.1	36.8	R 65.9	
1990	0.9	8.8	2.0	(s)	0.2	0.8	0.1	3.1	R 0.1	17.8	R e 30.8	38.9	R e 69.7	—	
1991	1.0	9.9	2.5	(s)	0.2	1.8	(s)	4.6	R 0.1	0.2	17.6	R 33.4	R 38.3	71.7	—
1992	0.7	9.2	2.4	(s)	0.2	1.6	0.1	4.3	R 0.1	0.2	19.5	R 34.1	R 41.6	R 75.7	—
1993	0.6	11.1	2.0	(s)	0.2	0.2	0.2	2.6	0.2	0.2	17.9	32.5	37.9	70.4	—
1994	0.6	10.5	2.6	(s)	0.2	0.2	(s)	3.0	0.2	0.2	20.5	34.9	42.8	77.7	—
1995	0.5	10.7	2.6	(s)	0.2	0.2	(s)	3.1	0.2	0.2	19.1	33.7	39.7	R 73.5	—
1996	0.4	11.9	3.6	(s)	0.3	0.9	(s)	4.8	0.2	0.2	21.3	38.6	R 44.3	82.9	—
1997	0.4	11.8	2.7	(s)	0.3	0.2	(s)	3.2	R 0.3	0.2	21.4	R 37.3	R 44.6	R 81.9	—
1998	0.9	12.1	2.7	(s)	0.1	0.2	(s)	3.1	0.3	0.2	21.4	37.9	44.2	82.1	—
1999	0.8	13.1	3.4	(s)	0.5	0.2	0.0	4.1	0.3	0.4	23.0	41.8	45.1	86.9	—

^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 93. Transportation Energy Consumption Estimates, Selected Years 1960-1999, Idaho

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					
Year	Thousand Short Tons	Billion Cubic Feet	Thousand Barrels								Thousand Barrels	Million Kilowatthours	Net Energy	Million Kilowatthours	Total ^c
1960	4	(s)	133	648	899	7	127	5,990	52	7,856	0	0	—	0	—
1965	1	1	177	1,079	870	4	128	6,743	55	9,055	0	0	—	0	—
1970	(s)	4	154	1,263	960	9	119	8,993	2	11,500	0	0	—	0	—
1975	(s)	4	120	2,306	950	21	119	10,396	0	13,912	0	0	—	0	—
1980	0	4	162	2,750	1,243	23	138	10,339	0	14,655	0	0	—	0	—
1985	0	3	80	2,830	1,122	59	126	10,026	0	14,244	R e 40	0	—	0	—
1990	0	5	39	3,575	1,143	48	141	10,952	0	15,899	R 166	0	—	0	—
1991	0	5	39	3,626	957	40	126	10,826	0	15,614	R 187	0	—	0	—
1992	0	3	1	3,743	973	36	129	11,246	0	16,128	R 117	0	—	0	—
1993	0	4	63	4,503	1,076	34	131	12,394	0	18,201	R 18	0	—	0	—
1994	0	5	54	4,598	1,201	50	137	12,511	0	18,552	R 16	0	—	0	—
1995	0	6	48	4,768	1,568	27	135	13,083	0	19,629	R 11	0	—	0	—
1996	0	6	55	5,395	874	R 21	131	13,595	0	R 20,071	0	0	—	0	—
1997	0	5	72	5,733	760	R 10	138	13,998	0	R 20,710	0	0	—	0	—
1998	0	6	61	5,294	718	2	145	14,827	0	21,046	0	0	—	0	—
1999	0	5	67	5,844	856	10	146	15,511	0	22,435	0	0	—	0	—
Trillion Btu															
1960	0.1	0.5	0.7	3.8	4.8	(s)	0.8	31.5	0.3	41.9	0.0	0.0	42.5	0.0	42.5
1965	(s)	1.1	0.9	6.3	4.7	(s)	0.8	35.4	0.3	48.4	0.0	0.0	49.6	0.0	49.6
1970	(s)	4.5	0.8	7.4	5.2	(s)	0.7	47.2	(s)	61.3	0.0	0.0	65.8	0.0	65.8
1975	(s)	4.5	0.6	13.4	5.2	0.1	0.7	54.6	0.0	74.6	0.0	0.0	79.1	0.0	79.1
1980	0.0	4.4	0.8	16.0	6.8	0.1	0.8	54.3	0.0	78.9	R e 0.0	0.0	83.3	0.0	83.3
1985	0.0	3.1	0.4	16.5	6.1	0.2	0.8	52.7	0.0	76.6	R e 0.1	0.0	79.7	0.0	79.7
1990	0.0	5.2	0.2	20.8	6.3	0.2	0.9	57.5	0.0	85.9	R 0.6	0.0	91.1	0.0	91.1
1991	0.0	4.7	0.2	21.1	5.3	0.1	0.8	56.9	0.0	84.4	R 0.7	0.0	89.1	0.0	89.1
1992	0.0	3.4	(s)	21.8	5.3	0.1	0.8	59.1	0.0	87.1	R 0.4	0.0	90.5	0.0	90.5
1993	0.0	3.9	0.3	26.2	5.9	0.1	0.8	65.1	0.0	98.5	0.1	0.0	102.4	0.0	102.4
1994	0.0	4.9	0.3	26.8	6.6	0.2	0.8	R 65.4	0.0	R 100.1	0.1	0.0	R 105.1	0.0	R 105.1
1995	0.0	6.6	0.2	27.8	8.6	0.1	0.8	R 68.2	0.0	R 105.8	(s)	0.0	R 112.3	0.0	R 112.3
1996	0.0	6.2	0.3	31.4	4.9	0.1	0.8	R 70.9	0.0	R 108.4	0.0	0.0	R 114.6	0.0	R 114.6
1997	0.0	5.4	0.4	33.4	4.3	R (s)	0.8	R 73.0	0.0	R 111.9	0.0	0.0	R 117.3	0.0	R 117.3
1998	0.0	5.7	0.3	30.8	4.1	(s)	0.9	77.3	0.0	113.4	0.0	0.0	119.1	0.0	119.1
1999	0.0	4.7	0.3	34.0	4.9	(s)	0.9	80.8	0.0	121.0	0.0	0.0	125.7	0.0	125.7

^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. 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 94. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-1999, Idaho

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	0	0	0	(s)	0	(s)	0	6,165	0	0	0	—
1965	0	0	0	(s)	0	(s)	0	6,640	0	0	0	—
1970	0	0	0	1	0	1	0	7,075	0	0	0	—
1975	0	(s)	0	5	0	5	0	10,274	0	0	0	—
1980	0	(s)	0	(s)	0	(s)	0	9,507	0	0	0	—
1985	0	(s)	0	1	0	1	0	10,919	0	0	0	—
1990	0	0	0	2	0	2	0	R 8,679	0	0	0	—
1991	0	0	0	1	0	1	0	R 8,378	0	0	0	—
1992	0	0	0	1	0	1	0	R 6,447	0	0	0	—
1993	0	0	0	(s)	0	(s)	0	R 9,023	0	0	0	—
1994	0	0	0	(s)	0	(s)	0	R 7,351	0	0	0	—
1995	0	0	0	1	0	1	0	R 10,064	0	0	0	—
1996	0	0	0	(s)	0	(s)	0	R 12,350	0	0	0	—
1997	0	0	0	(s)	0	(s)	0	R 13,619	0	0	0	—
1998	0	0	0	1	0	1	0	12,076	0	0	0	—
1999	0	0	0	(s)	0	(s)	0	12,510	0	0	0	—
Trillion Btu												
1960	0.0	0.0	0.0	(s)	0.0	(s)	0.0	66.3	0.0	0.0	0.0	66.3
1965	0.0	0.0	0.0	(s)	0.0	(s)	0.0	69.4	0.0	0.0	0.0	69.4
1970	0.0	0.0	0.0	(s)	0.0	(s)	0.0	74.2	0.0	0.0	0.0	74.3
1975	0.0	(s)	0.0	(s)	0.0	(s)	0.0	106.9	0.0	0.0	0.0	107.0
1980	0.0	(s)	0.0	(s)	0.0	(s)	0.0	98.8	0.0	0.0	0.0	98.8
1985	0.0	(s)	0.0	(s)	0.0	(s)	0.0	114.1	0.0	0.0	0.0	114.1
1990	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 90.3	0.0	0.0	0.0	R 90.8
1991	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 87.4	0.0	0.0	0.0	R 87.9
1992	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 66.7	0.0	0.0	0.0	R 67.5
1993	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 93.0	0.0	0.0	0.0	R 93.0
1994	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 75.8	0.0	0.0	0.0	R 76.0
1995	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 103.8	0.0	0.0	0.0	R 103.8
1996	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 127.7	0.0	0.0	0.0	R 128.2
1997	0.0	0.0	0.0	(s)	0.0	(s)	0.0	R 141.0	0.0	0.0	0.0	R 141.7
1998	0.0	0.0	0.0	(s)	0.0	(s)	0.0	124.9	0.0	0.0	0.0	125.5
1999	0.0	0.0	0.0	(s)	0.0	(s)	0.0	129.4	0.0	0.0	0.0	129.5

^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.