

Table 240. Residential Energy Consumption Estimates, Selected Years 1960-1999, Oregon

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	56	7	2,865	1	507	3,373	922	—	—	5,263	—	13,090	
1965	45	11	3,382	5	785	4,172	661	—	—	7,169	—	17,118	
1970	11	20	3,101	65	867	4,033	460	—	—	9,850	—	23,871	
1975	5	29	2,390	48	362	2,800	489	—	—	12,096	—	29,178	
1980	6	18	2,019	37	574	2,630	R 416	—	—	13,545	—	32,937	
1985	1	21	2,374	41	517	2,932	473	—	—	14,526	—	34,128	
1990	1	23	1,784	13	380	2,177	558	—	—	15,380	—	R 33,644	
1991	(s)	26	1,487	13	488	1,989	587	—	—	15,949	—	R 34,672	
1992	(s)	23	1,068	17	432	1,517	618	—	—	15,202	—	R 32,423	
1993	1	30	1,036	18	483	1,537	522	—	—	16,696	—	R 35,265	
1994	(s)	29	933	50	510	1,493	R 511	—	—	16,462	—	R 34,355	
1995	(s)	28	942	26	488	1,456	568	—	—	16,315	—	R 34,015	
1996	0	33	821	40	463	1,324	567	—	—	17,285	—	R 36,021	
1997	(s)	33	842	34	R 393	R 1,269	R 438	—	—	17,185	—	R 35,746	
1998	(s)	34	882	66	484	1,431	386	—	—	17,496	—	36,143	
1999	0	39	644	81	544	1,270	414	—	—	18,058	—	35,381	
Trillion Btu													
1960	1.4	7.0	16.7	(s)	2.0	18.7	18.4	0.0	0.0	18.0	63.5	44.7	108.2
1965	1.1	11.6	19.7	(s)	3.2	22.9	13.2	0.0	0.0	24.5	73.3	58.4	131.7
1970	0.3	20.6	18.1	0.4	3.3	21.7	9.2	0.0	0.0	33.6	85.4	81.4	166.9
1975	0.1	29.9	13.9	0.3	1.3	15.5	9.8	0.0	0.0	41.3	96.6	99.6	196.1
1980	0.1	19.2	11.8	0.2	2.1	14.1	8.3	0.0	0.0	46.2	88.0	112.4	200.4
1985	(s)	22.1	13.8	0.2	1.9	15.9	9.5	0.0	0.0	49.6	97.1	116.4	R 213.5
1990	(s)	23.9	10.4	0.1	1.4	11.8	11.2	e 0.1	e 0.3	52.5	e 99.8	114.8	R e 214.6
1991	(s)	27.1	8.7	0.1	1.8	10.5	11.7	0.1	R 0.4	54.4	R 104.3	R 118.3	R 222.6
1992	(s)	24.0	6.2	0.1	1.6	7.9	12.4	0.1	R 0.4	51.9	R 96.6	R 110.6	R 207.2
1993	(s)	31.0	6.0	0.1	1.7	7.9	10.4	0.1	0.4	57.0	106.8	R 120.3	227.1
1994	(s)	30.2	5.4	0.3	1.9	7.6	10.2	0.1	R 0.5	56.2	104.7	117.2	221.9
1995	(s)	29.3	5.5	0.1	1.8	7.4	11.4	0.1	0.5	55.7	R 104.4	R 116.1	R 220.4
1996	0.0	34.7	4.8	0.2	1.7	6.7	11.3	0.1	R 0.6	59.0	112.3	R 122.9	R 235.2
1997	(s)	34.1	4.9	0.2	R 1.4	R 6.5	R 8.8	0.1	0.6	58.6	R 108.8	R 122.0	R 230.7
1998	(s)	36.1	5.1	0.4	1.7	7.3	7.7	0.1	0.7	59.7	111.5	123.3	234.8
1999	0.0	40.7	3.8	0.5	2.0	6.2	8.3	0.2	0.7	61.6	117.7	120.7	238.4

^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 241. Commercial Energy Consumption Estimates, Selected Years 1960-1999, Oregon

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	104	3	1,485	(s)	89	139	991	2,704	17	—	3,083	—	7,669	—
1965	84	6	1,752	4	139	206	1,046	3,147	13	—	4,557	—	10,881	—
1970	20	11	1,607	46	153	249	1,326	3,382	9	—	6,674	—	16,173	—
1975	9	16	1,238	34	64	218	962	2,517	9	—	8,804	—	21,235	—
1980	11	15	1,792	37	101	291	876	3,098	10	—	10,456	—	25,425	—
1985	2	19	1,384	26	91	231	191	1,922	R 13	—	10,340	—	24,292	—
1990	1	20	1,336	8	67	272	287	1,971	R 35	—	12,091	—	R 26,450	—
1991	1	22	995	4	86	174	256	1,514	R 37	—	12,395	—	R 26,946	—
1992	1	20	767	5	76	165	243	1,256	R 40	—	12,575	—	R 26,819	—
1993	1	24	548	11	85	32	175	851	42	—	12,859	—	R 27,160	—
1994	1	23	513	14	90	32	111	760	43	—	13,426	—	R 28,019	—
1995	1	22	783	14	86	33	88	1,004	43	—	13,558	—	R 28,267	—
1996	0	26	620	38	82	33	84	856	R 46	—	14,085	—	R 29,353	—
1997	1	25	748	22	R 69	30	49	R 919	R 48	—	14,476	—	R 30,112	—
1998	(s)	26	917	63	85	30	76	1,171	48	—	14,502	—	29,959	—
1999	0	29	493	31	96	30	57	707	58	—	15,347	—	30,070	—
Trillion Btu														
1960	2.6	3.2	8.6	(s)	0.4	0.7	6.2	16.0	0.3	0.0	10.5	32.6	26.2	58.8
1965	2.1	6.0	10.2	(s)	0.6	1.1	6.6	18.4	0.3	0.0	15.5	42.3	37.1	79.4
1970	0.5	11.9	9.4	0.3	0.6	1.3	8.3	19.8	0.2	0.0	22.8	55.1	55.2	110.3
1975	0.2	16.5	7.2	0.2	0.2	1.1	6.0	14.8	0.2	0.0	30.0	61.8	72.5	134.2
1980	0.3	15.9	10.4	0.2	0.4	1.5	5.5	18.1	0.2	0.0	35.7	70.1	86.8	156.8
1985	(s)	19.6	8.1	0.1	0.3	1.2	1.2	10.9	R 0.3	0.0	35.3	R 66.1	82.9	R 149.0
1990	(s)	20.9	7.8	(s)	0.2	1.4	1.8	11.3	R 0.7	41.3	R 74.5	90.2	R 164.7	
1991	(s)	23.0	5.8	(s)	0.3	0.9	1.6	8.6	R 0.7	0.2	42.3	R 75.0	R 91.9	R 166.9
1992	(s)	20.3	4.5	(s)	0.3	0.9	1.5	7.2	R 0.8	0.2	42.9	R 71.4	R 91.5	R 163.0
1993	(s)	25.0	3.2	0.1	0.3	0.2	1.1	4.8	0.8	0.2	43.9	74.8	92.7	167.5
1994	(s)	24.0	3.0	0.1	0.3	0.2	0.7	4.3	0.9	0.2	45.8	75.2	95.6	170.8
1995	(s)	23.4	4.6	0.1	0.3	0.2	0.6	5.7	0.9	0.2	46.3	R 76.4	96.4	R 172.9
1996	0.0	26.7	3.6	0.2	0.3	0.2	0.5	4.8	0.9	R 0.3	48.1	80.8	R 100.2	R 180.9
1997	(s)	26.7	4.4	0.1	0.3	0.2	0.3	5.2	R 1.0	R 0.2	49.4	R 82.5	R 102.7	R 185.3
1998	(s)	27.2	5.3	0.4	0.3	0.2	0.5	6.6	1.0	0.3	49.5	84.6	102.2	186.9
1999	0.0	30.1	2.9	0.2	0.3	0.2	0.4	3.9	1.2	0.3	52.4	87.9	102.6	190.5

^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 244. Estimates of Energy Input at Electric Utilities, Selected Years, 1960-1999, Oregon

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	1	3	(s)	0	3	0	12,389	24	0	0	—
1965	0	(s)	1	(s)	0	1	0	16,447	26	0	0	—
1970	0	1	18	(s)	0	19	0	29,836	44	0	0	—
1975	0	(s)	0	29	0	29	2	34,522	(s)	0	0	—
1980	485	(s)	0	110	0	110	5,395	30,194	160	0	0	—
1985	418	0	0	3	0	3	6,911	45,848	0	0	0	—
1990	850	7	0	56	0	56	6,074	R 41,452	1	0	0	—
1991	1,831	11	0	23	0	23	1,465	R 41,727	(s)	0	0	—
1992	1,994	14	0	19	0	19	4,573	R 32,097	6	0	0	—
1993	1,981	16	0	56	0	56	-21	R 36,383	11	0	0	—
1994	2,333	26	0	11	0	11	0	R 31,677	0	0	0	—
1995	977	19	0	12	0	12	0	R 40,991	0	0	0	—
1996	1,044	14	0	10	0	10	0	R 46,460	0	0	0	—
1997	822	11	0	23	0	23	0	R 46,770	0	0	0	—
1998	2,037	29	0	59	0	59	0	39,968	0	0	0	—
1999	2,154	23	0	15	0	15	0	45,535	0	0	0	—
Trillion Btu												
1960	0.0	0.7	(s)	(s)	0.0	(s)	0.0	133.3	0.3	0.0	0.0	134.3
1965	0.0	0.1	(s)	(s)	0.0	(s)	0.0	171.9	0.3	0.0	0.0	172.3
1970	0.0	1.1	0.1	(s)	0.0	0.1	0.0	313.1	0.5	0.0	0.0	314.7
1975	0.0	(s)	0.0	0.2	0.0	0.2	(s)	359.2	(s)	0.0	0.0	359.4
1980	7.9	0.3	0.0	0.6	0.0	0.6	58.8	313.7	1.7	0.0	0.0	383.1
1985	6.9	0.0	0.0	(s)	0.0	(s)	74.7	479.0	0.0	0.0	0.0	560.7
1990	14.2	7.6	0.0	0.3	0.0	0.3	64.9	R 431.2	(s)	0.0	0.0	R 521.9
1991	30.9	11.0	0.0	0.1	0.0	0.1	15.7	R 435.5	(s)	0.0	0.0	R 497.8
1992	38.4	14.4	0.0	0.1	0.0	0.1	48.8	R 331.9	0.1	0.0	0.0	R 436.4
1993	34.9	16.3	0.0	0.3	0.0	0.3	-0.2	R 375.1	0.1	0.0	0.0	R 428.9
1994	41.7	26.4	0.0	0.1	0.0	0.1	0.0	R 326.8	0.0	0.0	0.0	R 398.1
1995	17.4	19.4	0.0	0.1	0.0	0.1	0.0	R 422.7	0.0	0.0	0.0	R 462.1
1996	18.3	14.1	0.0	0.1	0.0	0.1	0.0	R 480.4	0.0	0.0	0.0	R 521.5
1997	14.4	10.8	0.0	0.1	0.0	0.1	0.0	R 484.4	0.0	0.0	0.0	R 512.7
1998	35.4	29.2	0.0	0.3	0.0	0.3	0.0	413.5	0.0	0.0	0.0	479.8
1999	38.6	23.6	0.0	0.1	0.0	0.1	0.0	471.1	0.0	0.0	0.0	533.5

^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.