

OREGON
Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2018, Oregon
 (Trillion Btu)

Year	Fossil Fuels										Fossil Fuels (as commingled)			
	Coal	Natural Gas excluding Supplemental Gaseous Fuels ^a	Petroleum							Total	Total	Natural Gas including Supplemental Gaseous Fuels ^a	Distillate Fuel Oil including Biodiesel ^a	Motor Gasoline including Fuel Ethanol ^a
			Distillate Fuel Oil excluding Biodiesel ^a	HGL ^b	Jet Fuel ^c	Motor Gasoline excluding Fuel Ethanol ^a	Residual Fuel Oil	Other ^d	Total					
1960	8.9	31.9	63.9	4.4	2.1	85.9	35.0	21.1	212.4	253.3	31.9	63.9	85.9	
1965	7.1	60.0	76.2	3.7	4.5	104.2	32.2	27.5	248.3	315.4	60.0	76.2	104.2	
1970	3.0	99.6	75.2	4.8	11.8	131.1	41.7	30.0	294.5	397.1	99.6	75.2	131.1	
1971	3.4	105.4	82.6	5.1	11.7	137.4	41.4	33.2	311.3	420.1	105.4	82.6	137.4	
1972	2.2	115.3	91.4	4.6	11.8	145.8	49.5	37.1	340.3	457.9	115.3	91.4	145.8	
1973	2.1	114.3	94.7	4.1	13.5	152.1	46.3	33.4	344.1	460.6	114.3	94.7	152.1	
1974	3.3	102.4	81.2	4.2	12.5	148.4	41.1	31.0	318.4	424.0	102.4	81.2	148.4	
1975	2.7	114.2	77.3	2.7	11.7	151.8	27.2	35.9	306.6	423.5	114.2	77.3	151.8	
1976	5.9	95.8	82.8	2.6	11.6	161.5	21.8	32.0	312.3	414.0	95.8	82.8	161.5	
1977	5.2	75.6	97.9	2.8	13.0	168.4	21.1	35.1	338.3	419.1	75.6	97.9	168.4	
1978	4.7	90.0	100.1	3.1	14.3	176.0	28.9	37.7	360.1	454.8	90.0	100.1	176.0	
1979	4.7	97.9	106.5	5.4	14.9	167.3	34.2	35.6	363.9	466.5	97.9	106.5	167.3	
1980	12.1	82.3	97.7	5.0	13.9	160.3	28.4	29.1	334.3	428.8	82.3	97.7	160.3	
1981	25.8	78.9	95.7	4.7	9.6	156.1	39.9	27.8	333.7	438.4	78.9	95.7	156.1	
1982	11.8	73.9	87.2	4.9	10.1	149.1	66.2	24.1	341.6	427.3	73.9	87.2	149.1	
1983	9.9	69.8	93.4	4.9	10.0	148.7	26.7	24.7	308.4	388.1	69.8	93.4	148.7	
1984	11.8	81.5	89.3	4.8	11.1	154.2	36.3	26.1	321.7	415.0	81.5	89.3	154.2	
1985	10.0	85.5	87.5	5.6	12.1	152.6	31.2	28.9	317.8	413.4	85.5	87.5	152.6	
1986	2.9	72.5	85.6	5.5	14.8	157.3	34.5	27.1	324.8	400.3	72.5	85.6	157.3	
1987	3.7	82.5	87.5	5.5	16.5	161.0	32.0	30.5	332.9	419.1	82.5	87.5	161.0	
1988	3.1	89.2	92.8	5.7	18.0	168.6	38.7	31.9	355.8	448.0	89.2	92.8	168.6	
1989	6.7	111.8	93.2	5.9	19.1	167.5	33.6	33.7	353.0	471.5	111.8	93.2	167.5	
1990	15.7	111.7	92.6	5.0	18.8	166.7	27.9	35.3	346.2	473.6	111.7	92.6	166.7	
1991	32.8	127.8	93.4	5.7	21.1	168.8	39.6	31.3	359.8	520.4	127.8	93.4	168.8	
1992	40.8	127.2	94.1	5.2	22.7	167.7	40.8	39.3	369.8	537.8	127.2	94.1	167.7	
1993	37.1	141.8	98.1	5.6	24.4	171.9	28.9	31.5	360.4	539.3	141.8	98.1	171.9	
1994	44.6	152.9	97.9	5.2	26.4	176.4	27.6	33.3	366.8	564.3	152.9	97.9	176.4	
1995	20.2	152.1	96.2	5.6	29.0	177.0	22.6	28.4	358.8	531.1	152.1	96.2	177.0	
1996	20.3	188.2	93.5	5.9	29.7	183.2	20.4	28.8	361.6	570.0	188.2	93.5	183.2	
1997	16.4	193.8	96.8	3.3	32.4	174.9	21.7	29.0	358.2	568.3	193.8	96.8	174.9	
1998	36.1	239.3	93.1	2.9	33.3	188.0	24.3	43.8	385.4	660.8	239.3	93.1	188.2	
1999	38.6	247.0	101.4	4.3	36.5	188.9	16.2	46.2	393.6	679.2	247.0	101.4	188.9	
2000	38.7	231.0	107.8	4.9	35.6	186.0	9.2	35.3	378.8	648.4	231.0	107.8	187.2	
2001	43.4	235.6	101.3	3.8	29.6	186.5	8.6	22.7	352.5	631.5	235.6	101.3	188.1	
2002	37.8	206.8	103.4	4.9	29.3	188.9	11.1	28.7	366.3	610.9	206.8	103.4	191.8	
2003	44.9	215.1	93.2	5.1	31.7	187.6	12.2	28.3	358.1	618.0	215.1	93.2	189.8	
2004	36.5	238.0	103.5	3.7	28.9	189.0	13.0	30.3	368.5	643.0	238.1	103.5	191.3	
2005	35.6	239.5	103.9	4.8	30.6	190.7	13.7	30.8	374.6	649.7	239.5	103.9	194.6	
2006	26.9	229.7	107.9	4.1	32.7	192.4	13.0	31.2	381.2	637.8	229.7	107.9	196.8	
2007	45.5	260.2	109.0	4.0	31.9	188.8	16.0	25.0	374.6	680.3	260.2	109.0	194.4	
2008	41.4	274.7	108.0	6.6	31.0	176.0	11.0	23.5	356.0	672.1	274.7	108.0	185.9	
2009	33.2	254.8	106.0	6.6	37.0	176.4	6.1	16.8	R 348.9	R 636.8	254.8	106.7	187.8	
2010	42.6	242.9	109.7	6.1	24.5	174.9	10.7	15.5	R 341.3	R 626.8	242.9	110.3	185.1	
2011	35.1	203.6	108.0	6.5	25.5	168.5	7.0	15.5	R 331.0	R 569.8	203.6	110.0	178.8	
2012	28.3	220.6	105.8	5.8	25.5	165.0	5.8	15.2	R 323.1	R 572.0	220.6	108.2	174.7	
2013	38.9	244.3	102.3	6.1	25.9	167.4	4.6	15.1	R 321.5	R 604.6	244.3	105.2	177.3	
2014	34.2	226.5	107.0	6.6	26.2	R 168.7	1.1	15.2	R 324.8	R 585.5	226.5	110.6	179.5	
2015	26.5	245.9	97.7	6.1	26.8	173.0	2.0	15.6	R 321.2	R 593.6	245.9	101.7	186.3	
2016	19.4	249.8	94.0	6.4	28.6	178.3	0.8	R 17.5	R 325.5	R 594.8	249.8	100.0	191.8	
2017	18.7	R 262.5	94.6	8.1	27.0	181.2	0.1	R 17.5	R 328.6	R 609.8	R 262.5	101.1	195.2	
2018	16.9	271.3	96.8	8.5	30.7	181.9	0.1	14.9	332.9	621.1	271.3	103.4	195.9	

^a Supplemental gaseous fuels (SGF) and biofuels are consumed with natural gas and petroleum products. In this table, SGF and biofuels are removed from natural gas and petroleum so that a fossil fuel total can be calculated without double-counting. Biofuels are included in "Renewable Energy."

^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.

^c 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."

^d Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum

products" category. See Technical Notes, Section 4.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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 are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

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

Table CT2. Primary Energy Consumption Estimates, Selected Years, 1960-2018, Oregon (Continued)
(Trillion Btu)

Year	Nuclear Electric Power	Renewable Energy										Net Interstate Flow of Electricity ^k	Electricity Net Imports ^l	Total ^f
		Hydro-electric Power ^{e,f}	Biomass					Geo-thermal ^f	Solar ^{f,j}	Wind	Total ^f			
			Wood and Waste ^{f,g}	Fuel Ethanol ^h	Biodiesel	Losses and Co-products ⁱ	Total ^f							
1960	0.0	134.1	56.4	NA	NA	NA	56.4	0.0	NA	NA	190.5	26.8	0.0	470.6
1965	0.0	172.6	57.8	NA	NA	NA	57.8	0.0	NA	NA	230.4	46.0	0.0	591.8
1970	0.0	313.9	57.4	NA	NA	NA	57.4	0.0	NA	NA	371.3	-15.5	0.0	752.9
1971	0.0	360.1	59.2	NA	NA	NA	59.2	0.0	NA	NA	419.3	-42.5	0.0	796.9
1972	0.0	378.6	57.3	NA	NA	NA	57.3	0.0	NA	NA	435.9	-56.3	(s)	837.4
1973	0.0	292.4	58.6	NA	NA	NA	58.6	0.0	NA	NA	351.0	43.3	0.0	855.0
1974	0.0	376.0	56.9	NA	NA	NA	56.9	0.0	NA	NA	432.9	-19.3	0.0	837.6
1975	(s)	359.7	57.7	NA	NA	NA	57.7	0.0	NA	NA	417.4	26.8	(s)	867.6
1976	23.2	367.0	67.3	NA	NA	NA	67.3	0.0	NA	NA	434.4	14.3	0.0	885.9
1977	69.9	254.5	73.3	NA	NA	NA	73.3	0.0	NA	NA	327.8	68.3	0.0	885.1
1978	17.1	330.6	78.0	NA	NA	NA	78.0	0.0	NA	NA	408.6	70.6	0.0	951.1
1979	48.9	309.2	78.1	NA	NA	NA	78.1	0.0	NA	NA	387.3	74.4	0.0	977.1
1980	58.8	314.0	87.2	NA	NA	NA	87.2	0.0	NA	NA	401.1	56.3	0.0	945.0
1981	70.9	336.2	92.6	0.0	NA	0.0	92.6	0.0	NA	NA	428.8	1.0	0.0	939.0
1982	53.1	472.8	88.3	(s)	NA	0.0	88.4	0.0	NA	NA	561.1	-135.6	0.0	905.9
1983	40.2	474.2	100.0	(s)	NA	0.0	100.0	0.0	NA	(s)	574.2	-134.5	0.0	868.0
1984	51.3	486.9	103.7	(s)	NA	0.0	103.7	0.0	0.0	0.0	590.5	-120.3	0.0	936.5
1985	73.4	426.0	103.6	(s)	NA	0.0	103.6	0.0	0.0	0.0	529.6	-119.9	17.4	913.9
1986	74.9	425.9	106.8	0.0	NA	0.0	106.8	0.0	0.0	0.0	532.7	-117.0	4.5	895.5
1987	45.4	369.5	107.6	0.0	NA	0.0	107.6	0.0	0.0	0.0	477.1	-19.0	17.9	940.5
1988	67.2	358.0	112.6	0.0	NA	0.0	112.6	0.0	0.0	0.0	470.6	-0.4	5.6	991.0
1989	56.1	396.5	84.5	0.0	NA	0.0	84.5	0.4	0.3	0.0	481.7	-17.0	7.3	999.5
1990	64.3	429.0	57.7	0.0	NA	0.0	57.7	0.4	0.3	(s)	487.4	R 35.1	2.9	R 993.0
1991	15.4	428.8	55.1	0.0	NA	0.0	55.1	0.4	0.4	(s)	484.6	R 1.3	4.5	R 1,026.2
1992	47.9	328.0	45.4	1.8	NA	0.0	47.2	0.4	0.4	(s)	376.0	R 54.7	3.0	R 1,019.3
1993	-0.2	369.7	43.6	3.0	NA	0.0	46.6	0.4	0.4	0.0	417.2	R 78.6	3.7	R 1,038.6
1994	0.0	322.1	45.1	0.0	NA	0.0	45.1	0.4	0.5	0.0	368.0	R 117.6	3.6	R 1,053.5
1995	0.0	420.4	45.9	0.0	NA	0.0	45.9	0.4	0.5	0.0	467.2	R 58.4	2.8	R 1,059.5
1996	0.0	464.3	52.1	0.0	NA	0.0	52.1	0.4	0.6	0.0	517.5	R 6.4	9.5	R 1,103.3
1997	0.0	477.0	52.6	0.0	NA	0.0	52.6	0.4	0.6	0.0	530.6	R 13.3	2.6	R 1,114.8
1998	0.0	406.9	46.1	1.2	NA	0.0	47.4	0.5	0.6	0.2	455.6	R 7.0	2.0	R 1,125.4
1999	0.0	466.7	40.9	1.0	NA	0.0	42.0	0.7	0.6	0.9	510.9	R -40.7	1.1	R 1,150.4
2000	0.0	388.8	45.8	1.2	NA	0.0	46.9	0.8	0.7	0.7	437.8	R 48.7	0.5	R 1,135.5
2001	0.0	296.0	51.5	1.5	(s)	0.0	53.1	0.9	0.7	0.9	351.5	R 60.0	0.5	R 1,043.4
2002	0.0	350.1	45.2	2.9	(s)	0.0	48.1	0.9	0.7	3.8	403.6	R 19.3	5.0	R 1,038.7
2003	0.0	336.7	41.7	2.2	(s)	0.0	44.0	0.9	0.7	4.5	386.7	R 11.5	0.9	R 1,017.2
2004	0.0	331.3	45.5	2.3	0.1	0.0	R 47.9	0.9	0.7	6.2	R 387.0	R -25.4	8.3	R 1,012.9
2005	0.0	309.5	45.5	4.0	0.2	0.0	R 49.7	1.0	0.7	7.3	R 368.2	R 24.8	0.3	R 1,043.0
2006	0.0	375.4	46.5	4.4	0.6	0.0	R 51.5	1.0	0.9	9.2	R 438.1	R 1.7	(s)	R 1,077.5
2007	0.0	332.0	48.5	5.6	0.8	0.8	R 55.8	1.0	1.1	12.3	R 402.1	R -23.9	4.2	R 1,062.8
2008	0.0	333.1	43.4	9.9	0.7	4.2	R 58.2	1.0	1.3	25.4	R 418.9	R -44.9	1.1	R 1,047.2
2009	0.0	322.4	49.0	11.4	0.7	3.2	R 64.3	1.1	1.4	33.9	R 423.1	-48.1	1.0	R 1,012.8
2010	0.0	298.0	54.9	10.2	0.6	2.3	R 68.0	1.1	1.6	38.2	R 406.9	-53.1	0.7	981.3
2011	0.0	411.1	52.1	10.3	2.0	2.2	R 66.6	1.3	1.7	46.4	R 527.1	-90.0	1.0	1,007.8
2012	0.0	375.0	55.1	9.7	2.4	2.1	R 69.3	1.5	1.9	60.4	R 508.1	-103.4	1.6	R 978.3
2013	0.0	315.8	65.4	9.9	2.8	2.2	R 80.4	2.8	2.1	71.1	R 472.3	R -80.9	0.2	996.2
2014	0.0	335.3	65.9	10.8	3.6	2.3	R 82.5	3.0	2.3	71.9	R 495.0	-88.0	0.5	993.0
2015	0.0	291.3	74.0	13.3	4.0	2.2	R 93.4	2.9	2.4	61.8	R 451.8	-81.7	7.1	970.9
2016	0.0	319.0	R 70.3	13.5	6.0	2.2	R 92.1	2.9	3.1	66.1	R 483.2	-93.3	2.8	R 987.5
2017	0.0	352.8	R 70.6	14.0	6.5	2.2	R 93.3	2.8	4.8	57.4	R 511.1	-92.8	3.5	R 1,031.6
2018	0.0	322.7	72.2	13.9	6.7	2.2	95.0	2.8	8.5	67.8	496.8	-107.1	1.5	1,012.2

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

^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.

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

^h Excludes denaturant. Because of differences in data sources and estimation methods, the ratio of fuel ethanol consumption and motor gasoline consumption should not be interpreted as the average ethanol blend rate. Pre-2005 estimates are not comparable to those for later years. See Section 5 of Technical Notes.

ⁱ Losses and co-products from the production of biodiesel and fuel ethanol.

^j Solar thermal and photovoltaic energy.

^k Includes the energy losses associated with the generation, transmission, and distribution of the electricity flowing across state lines. A positive number indicates that more electricity came into the state than went out of the state during the year.

Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.

^l Electricity traded with Canada and Mexico. Calculated by converting net imports in kilowatt-hours by 3,412 Btu per kilowatt-hour.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than +0.05 and greater than -0.05 trillion Btu.

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 are available at <https://www.eia.gov/state/seds/seds-data-complete.php>.

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