

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, Oklahoma
(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 biofuels ^a	Motor gasoline including fuel ethanol ^a
			Distillate fuel oil excluding biofuels ^a	HGL ^b	Jet fuel ^c	Motor gasoline excluding fuel ethanol ^a	Residual fuel oil	Other ^d	Total					
1960	1.8	319.3	15.3	24.6	15.7	119.3	9.1	70.7	254.7	575.8	319.3	15.3	119.3	
1965	0.7	480.1	16.8	29.3	18.7	135.6	5.4	88.7	294.4	775.2	480.1	16.8	135.6	
1970	0.2	616.3	32.5	36.5	24.0	170.8	5.1	96.2	365.2	981.6	616.3	32.5	170.8	
1971	0.2	631.2	31.9	34.8	24.0	177.1	3.9	98.1	369.7	1,001.0	631.2	31.9	177.1	
1972	0.2	649.9	46.3	36.8	22.7	187.8	8.9	92.5	395.0	1,045.1	649.9	46.3	187.8	
1973	4.1	625.8	52.1	36.5	22.1	196.7	9.4	97.9	414.8	1,044.7	625.8	52.1	196.7	
1974	4.2	681.1	51.5	34.2	22.0	194.3	7.6	98.6	408.3	1,093.6	681.1	51.5	194.3	
1975	0.5	678.9	55.0	35.2	21.5	202.1	4.0	103.8	421.7	1,101.1	678.9	55.0	202.1	
1976	1.5	770.8	69.1	35.8	21.9	212.6	4.2	96.0	439.5	1,211.8	770.8	69.1	212.6	
1977	12.4	787.7	75.5	35.7	23.0	220.1	4.9	98.6	457.9	1,258.0	787.7	75.5	220.1	
1978	43.7	788.7	84.5	38.0	26.2	229.9	6.5	97.9	483.0	1,315.3	788.7	84.5	229.9	
1979	60.4	844.3	84.8	30.6	25.1	216.8	5.6	102.8	465.7	1,370.4	844.3	84.8	216.8	
1980	106.3	738.9	70.6	32.4	26.9	208.2	4.6	99.8	442.5	1,287.8	738.9	70.6	208.2	
1981	157.7	694.5	90.2	25.8	27.6	218.9	4.7	68.3	435.5	1,287.7	694.5	90.2	218.9	
1982	203.8	692.3	84.5	29.0	32.8	228.0	4.3	64.5	443.1	1,339.3	692.3	84.5	228.0	
1983	219.3	655.4	96.6	29.3	33.1	224.5	3.2	75.2	461.9	1,336.6	655.4	96.6	224.5	
1984	230.9	669.3	106.6	25.2	39.0	220.1	2.3	62.8	456.0	1,356.2	669.3	106.6	220.1	
1985	237.2	603.9	109.1	28.5	32.5	221.5	1.4	65.3	458.2	1,299.3	603.9	109.1	221.5	
1986	217.9	570.7	81.2	21.4	32.9	213.1	2.5	61.0	412.1	1,200.8	570.7	81.2	213.1	
1987	240.7	617.6	83.7	19.8	41.4	203.5	2.1	61.8	412.4	1,270.6	617.6	83.7	203.5	
1988	269.4	611.2	88.1	17.8	40.2	203.8	4.2	73.1	427.1	1,307.7	611.2	88.1	203.8	
1989	270.3	620.3	87.1	20.7	51.7	204.3	2.5	69.9	436.0	1,326.7	620.3	87.1	204.3	
1990	278.8	628.2	90.1	12.0	43.8	204.9	3.9	75.9	430.6	1,337.6	628.2	90.1	204.9	
1991	312.7	590.0	82.0	17.5	59.1	203.9	1.5	69.3	433.2	1,335.9	590.0	82.0	203.9	
1992	328.3	565.7	92.9	16.1	72.8	209.5	3.9	73.0	468.2	1,362.2	565.7	92.9	209.5	
1993	355.8	600.1	93.4	20.1	50.5	212.9	4.4	75.9	457.3	1,413.2	600.1	93.4	212.9	
1994	333.4	595.7	94.8	20.1	58.1	216.5	3.4	74.1	467.1	1,396.2	595.7	94.8	216.5	
1995	369.9	586.4	97.0	13.1	30.3	220.6	2.8	70.7	434.5	1,390.8	586.4	97.0	220.6	
1996	373.1	588.0	116.1	14.8	26.7	228.0	2.5	73.8	461.9	1,422.9	588.0	116.1	228.0	
1997	392.4	573.5	121.7	16.9	29.8	222.1	1.7	65.6	457.8	1,423.7	573.5	121.7	222.1	
1998	370.1	584.0	125.9	14.0	30.3	225.5	0.6	69.2	465.6	1,419.6	584.0	125.9	225.5	
1999	360.6	550.8	128.9	32.7	37.3	226.7	0.7	65.6	491.9	1,403.3	550.8	128.9	226.7	
2000	381.1	546.7	164.4	21.4	38.6	220.1	1.5	65.7	511.7	1,439.5	546.7	164.4	220.1	
2001	376.1	505.2	205.4	19.4	39.9	223.8	2.2	91.0	581.7	1,463.0	505.2	205.4	223.8	
2002	391.4	522.5	178.9	26.7	36.5	219.5	2.9	84.8	549.3	1,463.2	522.5	178.9	219.5	
2003	393.8	556.3	178.3	20.0	35.4	225.3	3.2	83.2	545.5	1,495.6	556.3	178.3	225.3	
2004	372.1	555.3	132.4	26.2	39.1	235.6	3.9	89.6	526.8	1,454.2	555.3	132.4	235.6	
2005	397.4	600.0	163.0	38.2	33.8	230.8	1.4	90.6	557.8	1,555.2	600.0	163.0	234.4	
2006	384.4	644.4	185.4	51.9	32.1	222.9	1.5	89.7	583.5	1,612.3	644.4	185.4	226.5	
2007	373.2	677.5	195.4	13.7	30.0	226.3	2.0	96.1	563.5	1,614.2	677.5	195.4	233.4	
2008	391.7	711.4	203.0	11.6	31.7	214.2	2.6	77.0	540.1	1,643.2	711.4	203.0	227.4	
2009	373.3	681.1	168.3	10.3	36.6	211.9	1.9	75.4	504.4	1,558.7	681.1	170.1	224.0	
2010	346.0	697.4	173.5	11.5	36.1	219.3	3.4	79.9	523.8	1,567.2	697.4	174.7	231.9	
2011	378.3	676.9	173.9	10.7	36.1	205.5	3.7	77.6	507.6	1,562.8	676.9	176.9	217.8	
2012	327.1	712.4	174.1	8.8	37.4	216.0	3.8	82.7	522.8	1,562.3	712.4	177.0	228.8	
2013	335.9	682.3	164.8	10.6	37.0	212.6	3.2	77.8	506.0	1,524.2	682.3	169.9	224.8	
2014	336.1	667.4	182.7	11.4	42.5	224.9	3.0	70.8	535.3	1,538.7	667.4	187.9	239.0	
2015	280.7	711.4	172.5	10.6	40.7	219.1	2.0	76.8	521.7	1,513.8	711.4	178.0	234.5	
2016	221.8	736.2	167.6	9.8	40.6	222.2	2.6	R 77.4	520.2	1,478.2	736.2	174.7	237.7	
2017	198.3	692.1	193.3	11.0	43.4	216.2	3.2	R 75.8	R 542.8	R 1,433.3	692.1	200.4	231.4	
2018	171.3	842.2	185.5	12.6	44.3	221.2	2.3	R 73.8	R 539.7	R 1,553.2	842.2	191.7	236.6	
2019	94.0	873.7	173.4	13.5	40.3	217.6	2.4	R 75.5	R 522.6	R 1,490.3	873.7	179.0	233.1	
2020	70.7	R 844.9	152.8	12.9	34.3	198.7	1.5	R 73.0	R 473.2	R 1,388.8	R 844.9	158.6	212.8	
2021	131.7	R 745.9	R 172.8	12.9	44.5	212.4	2.7	R 73.3	R 516.2	R 1,393.8	R 745.9	R 175.4	227.5	
2022	106.9	782.2	174.9	12.9	45.5	210.4	2.7	75.2	519.3	1,408.4	782.2	177.5	225.6	

^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." There is a discontinuity in this time series between 2009 and 2010 because of data source and methodology changes, see technical notes.

^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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>

Table CT2. Primary energy consumption estimates, selected years, 1960-2022, Oklahoma (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 ^{fj}	Wind	Total ^f			
			Wood and waste ^{fg}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co-products ⁱ	Total ^f							
1960	0.0	R 2.4	10.2	NA	NA	NA	NA	10.2	0.0	NA	NA	R 12.6	R -18.1	0.0	R 570.3
1965	0.0	R 2.8	7.6	NA	NA	NA	NA	7.6	0.0	NA	NA	R 10.4	R -26.4	0.0	R 759.2
1970	0.0	R 4.8	7.0	NA	NA	NA	NA	7.0	0.0	NA	NA	R 11.8	R -75.1	0.0	R 918.2
1971	0.0	R 4.7	6.8	NA	NA	NA	NA	6.8	0.0	NA	NA	R 11.6	R -69.7	0.0	R 942.8
1972	0.0	R 4.9	11.7	NA	NA	NA	NA	11.7	0.0	NA	NA	R 16.6	R -67.1	0.0	R 994.6
1973	0.0	R 12.8	11.7	NA	NA	NA	NA	11.7	0.0	NA	NA	R 24.5	R -69.3	0.0	R 999.9
1974	0.0	R 12.2	11.3	NA	NA	NA	NA	11.3	0.0	NA	NA	R 23.6	R -81.8	0.0	R 1,035.4
1975	0.0	R 10.0	12.0	NA	NA	NA	NA	12.0	0.0	NA	NA	R 22.0	R -81.4	0.0	R 1,041.8
1976	0.0	R 5.3	13.3	NA	NA	NA	NA	13.3	0.0	NA	NA	R 18.6	R -94.0	0.0	R 1,136.3
1977	0.0	R 6.0	14.5	NA	NA	NA	NA	14.5	0.0	NA	NA	R 20.5	R -75.2	0.0	R 1,203.2
1978	0.0	R 6.0	19.1	NA	NA	NA	NA	19.1	0.0	NA	NA	R 25.2	R -101.8	0.0	R 1,238.7
1979	0.0	R 7.9	22.8	NA	NA	NA	NA	22.8	0.0	NA	NA	R 30.7	R -106.2	0.0	R 1,294.9
1980	0.0	R 4.5	11.2	NA	NA	NA	NA	11.2	0.0	NA	NA	R 15.7	R -118.7	0.0	R 1,184.8
1981	0.0	R 3.8	11.8	0.4	NA	NA	0.0	12.2	0.0	NA	NA	R 16.0	R -84.8	0.0	R 1,218.9
1982	0.0	R 7.1	14.3	1.3	NA	NA	0.0	15.6	0.0	NA	NA	R 22.7	R -81.9	0.0	R 1,280.0
1983	0.0	R 8.5	12.9	0.6	NA	NA	0.0	13.5	0.0	NA	NA	R 22.1	R -83.1	0.0	R 1,275.5
1984	0.0	R 8.0	15.3	0.2	NA	NA	0.0	15.5	0.0	0.0	0.0	R 23.4	R -93.5	0.0	R 1,286.2
1985	0.0	R 13.6	15.4	0.2	NA	NA	0.0	15.6	0.0	0.0	0.0	R 29.2	R -63.0	0.0	R 1,265.5
1986	0.0	R 10.1	14.4	0.2	NA	NA	0.0	14.6	0.0	0.0	0.0	R 24.6	R -54.3	0.0	R 1,171.1
1987	0.0	R 10.1	15.3	0.0	NA	NA	0.0	15.3	0.0	0.0	0.0	R 25.3	R -65.9	0.0	R 1,230.0
1988	0.0	R 7.0	16.0	0.0	NA	NA	0.0	16.0	0.0	0.0	0.0	R 23.0	R -62.7	0.0	R 1,268.0
1989	0.0	R 8.2	25.3	0.0	NA	NA	0.0	25.3	(s)	0.1	0.0	R 33.6	R -63.3	0.0	R 1,296.9
1990	0.0	R 9.3	21.4	0.0	NA	NA	0.0	21.4	(s)	0.1	0.0	R 30.8	R 5.6	0.0	R 1,374.0
1991	0.0	R 6.6	21.1	0.0	NA	NA	0.0	21.1	(s)	0.1	0.0	R 27.7	R -54.3	0.0	R 1,309.4
1992	0.0	R 11.1	19.7	0.0	NA	NA	0.0	19.7	(s)	0.1	0.0	R 30.8	R -74.5	0.0	R 1,318.5
1993	0.0	R 14.9	22.9	0.0	NA	NA	0.0	22.9	(s)	0.1	0.0	R 37.9	R -79.6	0.0	R 1,371.5
1994	0.0	R 8.6	24.1	0.0	NA	NA	0.0	24.1	(s)	0.1	0.0	R 32.8	R -42.7	0.0	R 1,386.2
1995	0.0	R 9.5	24.5	0.0	NA	NA	0.0	24.5	(s)	0.1	0.0	R 34.1	R -65.7	0.0	R 1,359.3
1996	0.0	R 7.4	29.3	0.0	NA	NA	0.0	29.3	(s)	0.1	0.0	R 36.7	R -35.5	0.0	R 1,424.1
1997	0.0	R 10.0	25.3	0.0	NA	NA	0.0	25.3	(s)	0.1	0.0	R 35.3	R -33.4	0.0	R 1,425.6
1998	0.0	R 12.0	24.7	0.0	NA	NA	0.0	24.7	(s)	0.1	0.0	R 36.8	R -29.8	0.0	R 1,426.6
1999	0.0	R 10.8	22.8	0.0	NA	NA	0.0	22.8	(s)	0.1	0.0	R 33.7	R -25.3	0.0	R 1,411.6
2000	0.0	R 7.8	24.1	0.0	NA	NA	0.0	24.1	(s)	0.1	0.0	R 31.9	(s)	0.0	R 1,471.3
2001	0.0	R 8.0	24.1	0.0	(s)	NA	0.0	24.1	(s)	0.1	0.0	R 32.2	R -3.1	0.0	R 1,492.1
2002	0.0	R 6.8	20.6	0.0	0.1	NA	0.0	20.7	(s)	(s)	0.0	R 27.5	R -44.6	0.0	R 1,446.1
2003	0.0	R 6.1	23.2	0.0	(s)	NA	0.0	23.2	(s)	(s)	R 0.2	R 29.6	R -48.1	0.0	R 1,477.0
2004	0.0	R 10.2	26.5	0.0	0.1	NA	0.0	26.6	(s)	(s)	R 2.0	R 38.7	R -37.4	(s)	R 1,455.5
2005	0.0	R 9.0	26.5	3.6	0.3	NA	0.0	30.4	(s)	(s)	R 2.9	R 42.3	R -90.1	(s)	R 1,507.4
2006	0.0	R 2.1	27.1	3.6	0.9	NA	0.0	31.6	(s)	(s)	R 5.8	R 39.6	R -98.2	0.0	R 1,553.7
2007	0.0	R 10.5	25.7	7.0	1.2	NA	0.0	34.0	(s)	(s)	R 6.3	R 50.8	R -118.6	0.0	R 1,546.3
2008	0.0	R 13.0	12.8	13.2	1.1	NA	(s)	27.1	(s)	(s)	R 8.0	R 48.2	R -140.6	0.0	R 1,550.8
2009	0.0	R 12.1	18.3	12.0	1.1	NA	(s)	31.5	(s)	(s)	R 9.2	R 52.9	R -150.7	0.0	R 1,460.9
2010	0.0	R 9.6	30.3	12.6	0.9	NA	(s)	43.8	(s)	(s)	R 13.0	R 66.4	R -90.3	0.0	R 1,543.3
2011	0.0	R 5.1	30.1	12.3	3.1	0.0	(s)	45.6	(s)	(s)	R 19.1	R 69.9	R -93.6	0.0	R 1,539.1
2012	0.0	R 3.9	31.1	12.8	3.1	0.0	0.0	47.0	(s)	(s)	R 27.8	R 78.8	R -124.4	0.0	R 1,516.6
2013	0.0	R 7.4	33.8	12.2	4.7	0.0	0.1	50.7	(s)	(s)	R 38.1	R 96.3	R -76.9	0.0	R 1,543.6
2014	0.0	R 4.9	31.9	14.1	4.7	0.0	0.1	50.8	(s)	(s)	R 40.7	R 96.4	R -29.9	0.0	R 1,605.2
2015	0.0	R 9.1	28.0	15.4	3.9	0.0	(s)	47.5	(s)	(s)	R (s)	R 47.9	R -79.5	0.0	R 1,538.8
2016	0.0	R 8.8	29.9	15.5	5.7	0.0	0.1	51.2	(s)	0.1	R 68.5	R 128.6	R -93.6	0.0	R 1,513.2
2017	0.0	R 6.9	33.6	15.3	5.6	0.0	0.1	54.5	(s)	0.2	R 80.5	R 142.2	R -62.0	0.0	R 1,513.4
2018	0.0	R 6.9	36.0	15.5	4.7	0.0	0.1	56.2	(s)	0.3	R 93.3	R 156.8	R -128.7	0.0	R 1,581.3
2019	0.0	R 13.3	34.4	15.5	3.5	0.0	0.1	53.4	(s)	0.3	R 99.0	R 166.0	R -117.1	0.0	R 1,539.2
2020	0.0	R 9.7	R 34.3	14.1	4.2	0.0	0.1	52.6	(s)	0.3	R 100.4	R 163.1	R -113.3	0.0	R 1,438.5
2021	0.0	R 9.4	R 33.9	15.2	3.9	0.0	0.1	53.0	(s)	0.5	R 111.0	R 173.9	R -81.4	0.0	R 1,486.3
2022	0.0	6.0	34.6	15.2	4.0	0.0	0.1	53.8	(s)	0.6	128.1	188.6	-70.6	0.0	1,526.4

^e Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, 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>.

Data Source: U.S. Energy Information Administration, State Energy Data System. See Technical Notes. <http://www.eia.gov/state/seds/>