

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2022, Oklahoma

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum							Hydro-electric power <sup>g,h</sup> Million kilowatt-hours	Biomass			Solar <sup>h,k</sup> Million kilowatt-hours	End use <sup>h,m</sup>	Electrical system energy losses <sup>n</sup>	Total <sup>h,m</sup>	
			Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Motor gasoline <sup>e</sup>	Residual fuel oil	Other <sup>f</sup>	Total		Wood and waste <sup>h,i</sup>	Losses and co-products <sup>j</sup>	Geo-thermal <sup>h</sup>					Electricity <sup>l</sup>
																		Thousand barrels
1960	77	226	2,592	6,433	2,920	22,708	1,421	11,670	47,744	0	--	--	--	6,838	--	--	--	
1970	6	362	5,533	9,618	4,378	32,521	743	15,675	68,467	0	--	--	--	16,596	--	--	--	
1980	294	392	12,066	8,987	4,900	39,633	732	16,188	82,506	0	--	--	--	31,109	--	--	--	
1990	557	435	15,444	3,289	7,832	38,998	565	12,271	78,398	0	--	--	--	42,504	--	--	--	
2000	714	363	28,172	5,862	6,812	42,325	237	10,700	94,108	0	--	--	--	49,564	--	--	--	
2005	728	340	27,998	10,840	5,964	45,150	221	14,620	104,792	0	--	--	--	53,707	--	--	--	
2006	735	346	31,908	14,870	5,661	43,675	246	14,576	110,934	0	--	--	--	54,905	--	--	--	
2007	747	372	33,717	3,656	5,295	45,385	130	15,496	103,679	0	--	--	--	55,193	--	--	--	
2008	713	405	35,095	3,077	5,591	44,528	420	12,494	101,204	0	--	--	--	56,279	--	--	--	
2009	630	375	29,415	2,717	6,447	43,998	305	12,279	95,161	0	--	--	--	54,545	--	--	--	
2010	650	387	30,223	3,005	6,375	45,766	542	13,024	98,934	0	--	--	--	57,846	--	--	--	
2011	625	392	30,636	2,794	6,365	43,024	586	12,687	96,092	0	--	--	--	59,847	--	--	--	
2012	606	374	30,678	2,281	6,603	45,205	611	13,458	98,836	0	--	--	--	59,341	--	--	--	
2013	634	411	29,457	2,760	6,522	44,435	514	12,713	96,401	0	--	--	--	59,929	--	--	--	
2014	691	435	32,576	2,960	7,498	47,236	483	11,568	102,320	0	--	--	--	61,573	--	--	--	
2015	602	425	30,871	2,755	7,185	46,371	312	12,512	100,006	0	--	--	--	61,336	--	--	--	
2016	591	425	30,318	2,556	7,163	47,021	411	R 12,301	R 99,770	0	--	--	--	61,517	--	--	--	
2017	474	436	34,774	2,862	7,650	45,797	506	R 12,054	R 103,643	0	--	--	--	60,492	--	--	--	
2018	356	490	33,254	3,286	7,816	46,820	367	R 11,729	R 103,272	0	--	--	--	64,575	--	--	--	
2019	241	497	31,056	3,521	7,101	46,131	378	R 12,023	R 100,210	0	--	--	--	64,796	--	--	--	
2020	157	R 474	R 27,501	3,350	6,046	42,121	237	R 11,654	R 90,909	0	--	--	--	62,299	--	--	--	
2021	148	460	R 30,356	3,354	7,845	45,050	426	R 11,700	R 98,731	0	--	--	--	64,525	--	--	--	
2022	201	470	30,728	3,355	8,017	44,685	436	11,988	99,209	0	--	--	--	69,487	--	--	--	

Trillion Btu																		
Year	Coal	Natural gas	Distillate fuel oil	HGL	Jet fuel	Motor gasoline	Residual fuel oil	Other	Total	Hydro-electric power	Wood and waste	Losses and co-products	Geo-thermal	Solar	End use	Electrical system energy losses	Total	
1960	1.8	233.6	15.1	24.6	15.7	119.3	8.9	70.7	254.3	0.0	10.2	NA	NA	NA	23.3	523.2	R 47.0	R 570.3
1970	0.1	374.0	32.2	36.5	24.0	170.8	4.7	96.2	364.5	0.0	7.0	NA	NA	NA	56.6	802.2	R 116.0	R 918.2
1980	6.3	393.2	70.3	32.4	26.9	208.2	4.6	99.8	442.2	0.0	11.2	NA	NA	NA	106.1	959.0	R 225.8	R 1,184.8
1990	12.7	444.6	90.0	12.0	43.8	204.9	3.6	75.9	430.0	0.0	21.4	0.0	(s)	0.1	145.0	1,053.9	R 320.1	R 1,374.0
2000	14.2	365.8	163.9	21.4	38.6	220.1	1.5	65.7	511.2	0.0	24.1	0.0	(s)	0.1	169.1	1,084.5	R 386.8	R 1,471.3
2005	15.4	350.5	162.9	38.2	33.8	234.4	1.4	90.6	561.2	0.0	26.5	0.0	(s)	(s)	183.2	1,137.3	R 370.1	R 1,507.4
2006	15.1	357.3	185.2	51.9	32.1	226.5	1.5	89.7	586.9	0.0	27.1	0.0	(s)	(s)	187.3	1,174.7	R 379.0	R 1,553.7
2007	15.4	382.6	195.0	13.7	30.0	233.4	0.8	96.1	569.0	0.0	25.7	0.0	(s)	(s)	188.3	1,182.3	R 364.0	R 1,546.3
2008	14.6	419.1	202.8	11.6	31.7	227.4	2.6	77.0	553.2	0.0	12.8	0.0	(s)	(s)	192.0	1,192.8	R 358.0	R 1,550.8
2009	12.1	386.9	169.9	10.3	36.6	224.0	1.9	75.4	518.0	0.0	18.3	0.0	(s)	(s)	186.1	1,121.5	R 340.1	R 1,461.5
2010	12.4	398.6	174.5	11.5	36.1	231.9	3.4	79.9	537.5	0.0	30.3	0.0	(s)	(s)	197.4	1,176.2	R 367.4	R 1,543.6
2011	11.8	403.3	176.8	10.7	36.1	217.8	3.7	77.6	522.7	0.0	30.1	0.0	(s)	(s)	204.2	1,172.2	R 366.8	R 1,539.0
2012	11.5	385.9	176.9	8.8	37.4	228.8	3.8	82.7	538.5	0.0	31.1	0.0	(s)	(s)	202.5	1,169.5	R 347.0	R 1,516.5
2013	12.2	425.6	169.8	10.6	37.0	224.8	3.2	77.8	523.2	0.0	33.6	0.1	(s)	(s)	204.5	1,199.1	R 344.9	R 1,544.0
2014	13.3	451.4	187.7	11.4	42.5	239.0	3.0	70.8	554.4	0.0	31.7	0.1	(s)	(s)	210.1	1,261.0	R 344.7	R 1,605.7
2015	11.5	444.7	177.9	10.6	40.7	234.5	2.0	76.8	542.5	0.0	27.9	0.0	(s)	(s)	209.3	1,236.0	R 304.3	R 1,540.3
2016	11.2	445.3	174.5	9.8	40.6	237.7	2.6	R 77.4	542.6	0.0	29.7	0.1	(s)	R (s)	209.9	R 1,238.9	R 275.7	R 1,514.6
2017	8.8	454.2	200.2	11.0	43.4	231.4	3.2	R 75.8	R 565.0	0.0	33.4	0.1	(s)	R (s)	206.4	R 1,268.0	R 246.9	R 1,514.9
2018	7.0	506.0	191.5	12.6	44.3	236.6	2.3	R 73.8	R 561.2	0.0	35.7	0.1	(s)	0.1	220.3	R 1,330.4	R 252.3	R 1,582.7
2019	4.9	512.9	178.9	13.5	40.3	233.1	2.4	R 75.5	R 543.6	0.0	34.1	0.1	(s)	R 0.1	221.1	R 1,316.8	R 224.6	R 1,541.3
2020	3.7	R 488.4	158.3	12.9	34.3	212.8	1.5	R 73.0	R 492.8	0.0	R 34.0	0.1	(s)	R 0.1	212.6	R 1,231.7	R 208.4	R 1,440.2
2021	3.6	R 473.1	R 175.0	12.9	44.5	227.5	2.7	R 73.3	R 535.8	0.0	R 33.6	0.1	(s)	R 0.2	220.2	R 1,266.5	R 220.7	R 1,487.2
2022	4.5	486.4	177.1	12.9	45.5	225.6	2.7	75.2	539.1	0.0	34.2	0.1	(s)	0.3	237.1	1,301.3	226.1	1,527.4

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil. Excludes biofuels product supplied.  
<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>d</sup> 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."  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.  
<sup>h</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>i</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>j</sup> Losses and co-products from the production of biodiesel and fuel ethanol.  
<sup>k</sup> Solar thermal and photovoltaic energy.

<sup>l</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>m</sup> Beginning in 1980, adjusted for the double-counting of supplemental gaseous fuels, which are included in both natural gas and the other fossil fuels from which they are mostly derived, but should be counted only once in End Use and Total. For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column. Beginning in 2009, includes a small amount of wind energy consumed by the commercial and industrial sectors. Beginning in 2021, adjusted for the double-counting of biofuels product supplied.  
<sup>n</sup> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.  
 -- = Not applicable. NA = Not available.  
 Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.  
 Notes: Total end-use sector consumption estimates are the sum of the consumption estimates for the residential, commercial, industrial, and transportation sectors. 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/>