

Table CT1. Energy consumption estimates for selected energy sources in physical units, selected years, 1960-2023, Oklahoma

Year			Petroleum							Nuclear electric power	Hydro-electric power ^g	Wind	Fuel ethanol ^h	Biodiesel
	Coal	Natural gas ^a	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total					
	Thousand short tons	Billion cubic feet	Thousand barrels											
1960	77	308	2,618	6,433	2,920	22,708	1,454	11,670	47,803	0	705	0	NA	NA
1965	30	468	2,877	7,654	3,453	25,815	851	14,560	55,209	0	825	0	NA	NA
1970	7	597	5,584	9,618	4,378	32,521	807	15,675	68,583	0	1,406	0	NA	NA
1971	7	612	5,477	9,167	4,378	33,711	617	15,901	69,251	0	1,383	0	NA	NA
1972	7	630	7,944	9,706	4,143	35,754	1,418	15,011	73,977	0	1,447	0	NA	NA
1973	175	612	8,951	9,677	4,017	37,437	1,499	15,882	77,462	0	3,761	0	NA	NA
1974	181	660	8,849	9,087	4,001	36,997	1,216	15,925	76,075	0	3,590	0	NA	NA
1975	23	669	9,449	9,342	3,916	38,469	641	16,767	78,585	0	2,945	0	NA	NA
1976	73	760	11,856	9,490	3,967	40,477	672	15,549	82,011	0	1,541	0	NA	NA
1977	675	767	12,965	9,508	4,183	41,903	781	16,002	85,342	0	1,749	0	NA	NA
1978	2,463	770	14,513	10,179	4,750	43,763	1,028	15,913	90,145	0	1,763	0	NA	NA
1979	3,382	825	14,560	8,437	4,564	41,279	888	16,715	86,443	0	2,323	0	NA	NA
1980	6,046	722	12,125	8,987	4,900	39,633	732	16,188	82,565	0	1,315	0	NA	NA
1981	9,048	671	15,488	7,145	5,009	41,673	741	10,834	80,891	0	1,122	0	104	NA
1982	11,781	677	14,512	8,073	5,911	43,409	676	10,249	82,831	0	2,090	0	368	NA
1983	12,629	629	16,589	8,122	5,974	42,731	516	11,966	85,899	0	2,500	0	176	NA
1984	13,254	653	18,307	7,138	7,017	41,908	358	10,087	84,815	0	2,339	0	53	NA
1985	13,602	587	18,723	8,035	5,870	42,170	219	10,322	85,338	0	3,980	0	48	NA
1986	12,395	554	13,947	5,950	5,942	40,568	393	9,633	76,433	0	2,951	0	59	NA
1987	13,476	596	14,374	5,487	7,440	38,731	332	9,911	76,276	0	2,948	0	0	NA
1988	15,006	589	15,118	4,911	7,224	38,806	660	11,753	78,473	0	2,045	0	0	NA
1989	15,086	603	14,948	5,681	9,239	38,888	391	11,352	80,501	0	2,392	0	0	NA
1990	15,514	612	15,473	3,289	7,832	38,998	623	12,271	78,485	0	2,731	0	0	NA
1991	17,263	578	14,075	4,878	10,569	38,816	241	11,124	79,703	0	1,922	0	0	NA
1992	18,311	551	15,945	4,502	12,948	39,883	621	11,875	85,774	0	3,242	0	0	NA
1993	19,920	585	16,029	5,687	9,012	40,814	704	12,216	84,462	0	4,357	0	0	NA
1994	18,854	579	16,287	5,626	10,345	41,524	548	11,950	86,281	0	2,515	0	0	NA
1995	20,742	575	16,672	3,625	5,359	42,382	442	11,427	79,906	0	2,780	0	0	NA
1996	21,141	574	19,948	4,076	4,707	43,763	392	12,013	84,898	0	2,158	0	0	NA
1997	22,178	567	20,917	4,693	5,259	42,670	269	10,778	84,586	0	2,921	0	0	NA
1998	20,711	576	21,640	3,821	5,348	43,349	102	11,244	85,505	0	3,509	0	0	NA
1999	20,288	538	22,151	9,198	6,576	43,571	111	10,735	92,343	0	3,175	0	0	NA
2000	21,422	539	28,249	5,862	6,812	42,325	237	10,700	94,185	0	2,277	0	0	NA
2001	21,224	491	35,302	5,306	7,041	43,027	343	14,696	105,714	0	2,345	0	0	R 6
2002	22,090	508	30,752	7,343	6,434	42,224	461	13,721	100,935	0	1,988	0	0	R 10
2003	22,283	540	30,637	5,472	6,240	43,361	513	13,551	99,774	0	1,798	54	0	R 8
2004	21,008	539	22,757	7,348	6,898	45,338	623	14,430	97,394	0	2,977	573	0	R 16
2005	22,680	583	28,020	10,840	5,964	45,150	224	14,620	104,817	0	2,630	848	1,039	R 54
2006	21,923	624	31,954	14,870	5,661	43,675	246	14,576	110,981	0	624	1,712	1,038	R 155
2007	21,295	658	33,776	3,656	5,295	45,385	320	15,496	103,928	0	3,066	1,849	2,032	R 210
2008	22,670	688	35,118	3,077	5,591	44,528	420	12,494	101,227	0	3,811	2,358	3,801	R 180
2009	21,589	659	29,439	2,717	6,447	43,998	305	12,279	95,184	0	3,553	2,698	3,472	R 191
2010	20,013	676	30,247	3,005	6,375	45,766	542	R 12,841	R 98,775	0	2,809	3,808	3,628	R 154
2011	21,932	656	30,667	2,794	6,365	43,024	586	R 12,514	R 95,949	0	1,507	5,605	3,559	R 523
2012	18,923	692	30,699	2,281	6,603	45,205	611	R 13,290	R 98,688	0	1,146	8,158	3,703	R 506
2013	19,428	659	29,475	2,760	6,522	44,435	514	R 12,527	R 96,233	0	2,178	11,162	3,520	R 828
2014	19,434	642	32,598	2,960	7,498	47,236	483	R 11,328	R 102,102	0	1,428	11,937	4,051	R 804
2015	16,249	679	30,888	2,755	7,185	46,371	312	R 12,168	R 99,680	0	2,664	14,031	4,445	R 784
2016	12,761	702	30,348	2,556	7,163	47,021	411	R 11,930	R 99,429	0	2,573	20,069	4,455	R 1,141
2017	11,413	664	34,802	2,862	7,650	45,797	506	12,054	103,670	0	2,036	23,599	4,387	R 1,119
2018	9,897	816	33,285	3,286	R 7,820	46,820	367	R 11,729	R 103,307	0	2,035	27,338	4,438	R 911
2019	5,446	846	31,089	3,521	R 7,107	46,131	378	R 12,024	R 100,250	0	3,903	29,008	4,441	R 750
2020	4,127	819	27,551	3,350	R 6,057	42,121	237	R 11,657	R 90,974	0	2,854	29,417	4,050	R 795
2021	7,583	725	30,422	3,354	R 7,850	45,050	426	R 11,662	R 98,765	0	2,766	32,540	4,356	R 653
2022	6,055	R 748	R 30,940	3,355	R 8,025	44,685	436	R 11,940	R 99,381	0	1,770	37,553	4,356	R 614
2023	3,671	834	30,141	3,049	8,363	45,226	362	11,462	98,603	0	1,483	37,012	4,425	829

^a Includes supplemental gaseous fuels that are commingled with natural gas.^b 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.^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.^d 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.^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See technical notes, Section 4.^g Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be

separately identified.

^h Includes 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.

NA = Not available.

Where shown, R = Revised data and (s) = Value less than 0.5.

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. <https://www.eia.gov/state/seds/>

Table CT2. Primary energy consumption estimates, selected years, 1960-2023, Oklahoma
(trillion Btu)

Year	Fossil fuels										Fossil fuels (as commingled)		
	Coal	Natural gas excluding supplemental gaseous fuels ^a	Petroleum							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	R 168.5	10.3	36.6	211.9	1.9	75.4	R 504.6	R 1,558.9	681.1	R 170.0	224.0
2010	346.0	697.4	R 173.5	11.5	36.1	219.3	3.4	R 78.8	R 522.8	R 1,566.2	697.4	R 174.7	231.9
2011	378.3	676.9	R 174.1	10.7	36.1	205.5	3.7	R 76.6	R 506.7	R 1,561.9	676.9	R 176.9	217.8
2012	327.1	712.4	R 174.3	8.8	37.4	216.0	3.8	R 81.6	R 522.0	R 1,561.5	712.4	R 177.0	228.8
2013	335.9	682.3	R 165.4	10.6	37.0	212.6	3.2	R 76.7	R 505.5	R 1,523.7	682.3	R 169.8	224.8
2014	336.1	667.4	R 183.5	11.4	42.5	224.9	3.0	R 69.3	R 534.6	R 1,538.1	667.4	R 187.8	239.0
2015	280.7	711.4	R 173.7	10.6	40.7	219.1	2.0	R 74.7	R 520.8	R 1,513.0	711.4	R 178.0	234.5
2016	221.8	736.2	R 168.5	9.8	40.6	222.2	2.6	R 75.1	R 518.9	R 1,476.9	736.2	R 174.7	237.7
2017	198.3	692.1	R 194.3	11.0	43.4	216.2	3.2	75.8	R 543.8	R 1,434.3	692.1	R 200.3	231.4
2018	171.3	842.2	R 186.8	12.6	44.3	221.2	2.3	73.8	R 541.0	R 1,554.5	842.2	R 191.7	236.6
2019	94.0	873.7	R 175.0	13.5	40.3	217.6	2.4	75.5	R 524.3	R 1,492.0	873.7	R 179.0	233.1
2020	70.7	844.9	R 154.3	12.9	34.3	198.7	1.5	R 73.1	R 474.8	R 1,390.4	844.9	R 158.6	212.8
2021	131.7	745.9	R 173.9	12.9	44.5	212.4	2.7	R 73.1	R 517.4	R 1,395.0	745.9	R 175.4	227.5
2022	106.9	R 772.4	R 177.0	12.9	45.5	210.4	2.7	R 74.9	R 521.6	R 1,400.9	R 773.0	R 178.4	225.6
2023	63.8	860.2	172.1	11.7	47.4	212.9	2.3	71.8	515.4	1,439.4	861.5	173.8	228.3

^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. <https://www.eia.gov/state/seds/>

Table CT2. Primary energy consumption estimates, selected years, 1960-2023, Oklahoma (continued)
(trillion Btu)

Year	Nuclear electric power	Renewable energy											Net interstate flow of electricity ^l	Electricity net imports ^m	Total ^{f,j}
		Hydro-electric power ^{e,f}	Biomass						Geo-thermal ^f	Solar ^{f,k}	Wind	Total ^{f,j}			
			Wood and waste ^{f,g}	Fuel ethanol ^h	Biodiesel	Renewable diesel	Losses and co-products ⁱ	Total ^{f,j}							
1960	0.0	2.4	10.2	NA	NA	NA	NA	10.2	0.0	NA	NA	12.6	-18.1	0.0	570.3
1965	0.0	2.8	7.6	NA	NA	NA	NA	7.6	0.0	NA	NA	10.4	-26.4	0.0	759.2
1970	0.0	4.8	7.0	NA	NA	NA	NA	7.0	0.0	NA	NA	11.8	-75.1	0.0	918.2
1975	0.0	10.0	12.0	NA	NA	NA	NA	12.0	0.0	NA	NA	22.0	-81.4	0.0	1,041.8
1976	0.0	5.3	13.3	NA	NA	NA	NA	13.3	0.0	NA	NA	18.6	-94.0	0.0	1,136.3
1977	0.0	6.0	14.5	NA	NA	NA	NA	14.5	0.0	NA	NA	20.5	-75.2	0.0	1,203.2
1978	0.0	6.0	19.1	NA	NA	NA	NA	19.1	0.0	NA	NA	25.2	-101.8	0.0	1,238.7
1979	0.0	7.9	22.8	NA	NA	NA	NA	22.8	0.0	NA	NA	30.7	-106.2	0.0	1,294.9
1980	0.0	4.5	11.2	NA	NA	NA	NA	11.2	0.0	NA	NA	15.7	-118.7	0.0	1,184.8
1981	0.0	3.8	11.8	NA	NA	NA	NA	12.2	0.0	NA	NA	16.0	-84.8	0.0	1,218.9
1982	0.0	7.1	14.3	NA	NA	NA	NA	15.6	0.0	NA	NA	22.7	-81.9	0.0	1,280.0
1983	0.0	8.5	12.9	NA	NA	NA	NA	13.5	0.0	NA	NA	22.1	-83.1	0.0	1,275.5
1984	0.0	8.0	15.3	NA	NA	NA	NA	15.5	0.0	NA	NA	23.4	-93.5	0.0	1,286.2
1985	0.0	13.6	15.4	0.2	NA	NA	0.0	15.6	0.0	NA	NA	29.2	-63.0	0.0	1,265.5
1986	0.0	10.1	14.4	0.2	NA	NA	0.0	14.6	0.0	NA	NA	24.6	-54.3	0.0	1,171.1
1987	0.0	10.1	15.3	0.0	NA	NA	0.0	15.3	0.0	NA	0.0	25.3	-65.9	0.0	1,230.0
1988	0.0	7.0	16.0	0.0	NA	NA	0.0	16.0	0.0	0.0	0.0	23.0	-62.7	0.0	1,268.0
1989	0.0	8.2	25.3	0.0	NA	NA	0.0	25.3	(s)	0.1	0.0	33.6	-63.3	0.0	1,296.9
1990	0.0	9.3	21.4	0.0	NA	NA	0.0	21.4	(s)	0.1	0.0	30.8	5.6	0.0	1,374.0
1991	0.0	6.6	21.1	0.0	NA	NA	0.0	21.1	(s)	0.1	0.0	27.7	-54.3	0.0	1,309.4
1992	0.0	11.1	19.7	0.0	NA	NA	0.0	19.7	(s)	0.1	0.0	30.8	-74.5	0.0	1,318.5
1993	0.0	14.9	22.9	0.0	NA	NA	0.0	22.9	(s)	0.1	0.0	37.9	-79.6	0.0	1,371.5
1994	0.0	8.6	24.1	0.0	NA	NA	0.0	24.1	(s)	0.1	0.0	32.8	-42.7	0.0	1,386.2
1995	0.0	9.5	24.5	0.0	NA	NA	0.0	24.5	(s)	0.1	0.0	34.1	-65.7	0.0	1,359.3
1996	0.0	7.4	29.3	0.0	NA	NA	0.0	29.3	(s)	0.1	0.0	36.7	-35.5	0.0	1,424.1
1997	0.0	10.0	25.3	0.0	NA	NA	0.0	25.3	(s)	0.1	0.0	35.3	-33.4	0.0	1,425.6
1998	0.0	12.0	24.7	0.0	NA	NA	0.0	24.7	(s)	0.1	0.0	36.8	-29.8	0.0	1,426.6
1999	0.0	10.8	22.8	0.0	NA	NA	0.0	22.8	(s)	0.1	0.0	33.7	-25.3	0.0	1,411.6
2000	0.0	7.8	24.1	0.0	NA	NA	0.0	24.1	(s)	0.1	0.0	31.9	(s)	0.0	1,471.3
2001	0.0	8.0	24.1	0.0	NA	NA	0.0	24.1	(s)	0.1	0.0	32.2	-3.1	0.0	1,492.1
2002	0.0	6.8	20.6	0.0	NA	NA	0.0	20.7	(s)	(s)	0.0	27.5	-44.6	0.0	1,446.1
2003	0.0	6.1	23.2	0.0	NA	NA	0.0	23.2	(s)	(s)	0.2	29.6	-48.1	0.0	1,477.0
2004	0.0	10.2	26.5	0.0	NA	NA	0.0	26.6	(s)	(s)	2.0	38.7	-37.4	(s)	1,455.5
2005	0.0	9.0	26.5	3.6	0.3	NA	0.0	30.4	(s)	(s)	2.9	42.3	-90.1	(s)	1,507.4
2006	0.0	2.1	27.1	3.6	R 0.8	NA	0.0	31.6	(s)	(s)	5.8	39.6	-98.2	0.0	1,553.7
2007	0.0	10.5	25.7	7.0	R 1.1	NA	0.0	R 33.9	(s)	(s)	6.3	R 50.7	-118.6	0.0	R 1,546.2
2008	0.0	13.0	12.8	13.2	R 1.0	NA	(s)	R 27.0	(s)	(s)	8.0	R 48.1	-140.6	0.0	R 1,550.7
2009	0.0	12.1	18.3	12.0	R 1.0	NA	(s)	R 31.4	(s)	(s)	9.2	R 52.8	-150.7	0.0	R 1,461.0
2010	0.0	9.6	30.3	12.6	R 0.8	NA	(s)	R 43.7	(s)	(s)	13.0	R 66.3	-90.3	0.0	R 1,542.2
2011	0.0	5.1	30.1	12.3	R 2.8	NA	(s)	R 45.3	(s)	(s)	19.1	R 69.6	-93.6	0.0	R 1,537.9
2012	0.0	3.9	31.1	12.8	R 2.7	NA	0.0	R 46.6	(s)	(s)	27.8	R 78.4	-124.4	0.0	R 1,515.4
2013	0.0	7.4	33.8	12.2	R 4.4	NA	0.1	R 50.5	(s)	(s)	38.1	R 96.0	-76.9	0.0	R 1,542.8
2014	0.0	4.9	31.9	14.1	R 4.3	NA	0.1	R 50.3	(s)	(s)	40.7	R 96.0	-29.9	0.0	R 1,604.1
2015	0.0	9.1	28.0	15.4	R 4.2	0.0	(s)	R 47.7	(s)	(s)	47.9	R 104.7	-79.5	0.0	R 1,538.1
2016	0.0	8.8	29.9	15.5	R 6.1	0.0	0.1	R 51.5	(s)	0.1	68.5	R 128.9	-93.6	0.0	R 1,512.2
2017	0.0	6.9	33.6	15.3	R 6.0	0.0	0.1	R 54.9	(s)	0.2	80.5	R 142.5	-62.0	0.0	R 1,514.8
2018	0.0	6.9	R 35.9	15.5	R 4.9	0.0	0.1	R 56.3	(s)	0.3	93.3	R 156.8	-128.7	0.0	R 1,582.7
2019	0.0	13.3	R 34.3	15.5	R 4.0	0.0	0.1	R 53.9	(s)	0.3	99.0	R 166.5	-117.1	0.0	R 1,541.3
2020	0.0	9.7	R 38.0	14.1	R 4.3	0.0	0.1	R 56.4	(s)	0.3	100.4	R 166.9	-113.3	0.0	R 1,444.0
2021	0.0	9.4	R 37.4	15.2	R 3.5	0.0	0.1	R 56.1	(s)	0.5	111.0	R 177.1	-81.4	0.0	R 1,490.7
2022	0.0	6.0	R 36.3	15.2	R 3.3	0.0	0.1	R 54.9	(s)	0.6	128.1	R 189.7	-70.6	0.0	R 1,520.0
2023	0.0	5.1	33.2	15.4	4.4	0.0	0.1	53.2	(s)	0.9	126.3	185.4	-105.7	0.0	1,519.1

^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. Beginning in 2006, includes small amount of other biomass liquids that are biodiesel.

^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 Beginning in 2006, adjusted for the double-counting of other biomass liquids that are biodiesel, which are included in both wood & waste and biodiesel, but should be counted only once in Total.

^k Solar thermal and photovoltaic energy.

^l 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.

^m 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. <https://www.eia.gov/state/seds/>

Table CT3. Total end-use sector energy consumption estimates, selected years, 1960-2023, Oklahoma

Year	Coal	Natural gas ^a	Petroleum							Hydro-electric power ^{g,h}	Biomass		Geo-thermal ^h	Solar ^{h,k}	Electricity ^l	End use ^{h,m}	Electrical system energy losses ⁿ	Total ^{h,m}
			Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Motor gasoline ^e	Residual fuel oil	Other ^f	Total		Wood and waste ^{h,i}	Losses and co-products ^j						
	Thousand short tons	Billion cubic feet	Thousand barrels							Million kilowatt-hours								
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	R 12,841	R 98,751	0	--	--	--	--	57,846	--	--	--
2011	625	392	30,636	2,794	6,365	43,024	586	R 12,514	R 95,919	0	--	--	--	--	59,847	--	--	--
2012	606	374	30,678	2,281	6,603	45,205	611	R 13,290	R 98,667	0	--	--	--	--	59,341	--	--	--
2013	634	411	29,457	2,760	6,522	44,435	514	R 12,527	R 96,215	0	--	--	--	--	59,929	--	--	--
2014	691	435	32,576	2,960	7,498	47,236	483	R 11,328	R 102,080	0	--	--	--	--	61,573	--	--	--
2015	602	425	30,871	2,755	7,185	46,371	312	R 12,168	R 99,663	0	--	--	--	--	61,336	--	--	--
2016	591	425	30,318	2,556	7,163	47,021	411	R 11,930	R 99,399	0	--	--	--	--	61,517	--	--	--
2017	474	436	34,774	2,862	R 7,650	45,797	506	12,054	103,643	0	--	--	--	--	60,492	--	--	--
2018	356	490	33,254	3,286	R 7,820	46,820	367	11,729	R 103,276	0	--	--	--	--	64,575	--	--	--
2019	241	497	31,056	3,521	R 7,107	46,131	378	R 12,024	R 100,218	0	--	--	--	--	64,796	--	--	--
2020	157	474	27,501	3,350	R 6,057	42,121	237	R 11,657	R 90,923	0	--	--	--	--	62,299	--	--	--
2021	148	R 460	30,356	3,354	R 7,850	45,050	426	R 11,662	R 98,699	0	--	--	--	--	64,525	--	--	--
2022	201	R 461	R 30,887	3,355	R 8,025	44,685	436	R 11,940	R 99,328	0	--	--	--	--	69,487	--	--	--
2023	156	476	30,104	3,049	8,363	45,226	362	11,462	98,566	0	--	--	--	--	68,979	--	--	--

Trillion Btu																		
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	47.0	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	116.0	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	225.8	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	320.1	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	386.8	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	370.1	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	R 1,174.6	379.0	R 1,553.6
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	R 1,182.2	364.0	R 1,546.2
2008	14.6	419.1	202.8	11.6	31.7	227.4	2.6	77.0	553.2	0.0	12.8	(s)	(s)	(s)	192.0	R 1,192.7	358.0	R 1,550.7
2009	12.1	386.9	169.9	10.3	36.6	224.0	1.9	75.4	518.0	0.0	18.3	(s)	(s)	(s)	186.1	1,121.5	340.1	1,461.5
2010	12.4	398.6	174.5	11.5	36.1	231.9	3.4	R 78.8	R 536.4	0.0	30.3	(s)	(s)	(s)	197.4	R 1,175.1	367.4	R 1,542.5
2011	11.8	403.3	R 176.7	10.7	36.1	217.8	3.7	R 76.6	R 521.6	0.0	30.1	(s)	(s)	(s)	204.2	R 1,171.1	366.8	R 1,537.9
2012	11.5	385.9	176.9	8.8	37.4	228.8	3.8	R 81.6	R 537.4	0.0	31.1	0.0	(s)	(s)	202.5	R 1,168.5	347.0	R 1,515.4
2013	12.2	425.6	R 169.7	10.6	37.0	224.8	3.2	R 76.7	R 522.0	0.0	33.6	0.1	(s)	(s)	204.5	R 1,197.9	344.9	R 1,542.8
2014	13.3	451.4	187.7	11.4	42.5	239.0	3.0	R 69.3	R 552.9	0.0	31.7	0.1	(s)	(s)	210.1	R 1,259.5	344.7	R 1,604.1
2015	11.5	444.7	177.9	10.6	40.7	234.5	2.0	R 74.7	R 540.4	0.0	R 27.8	(s)	(s)	(s)	209.3	R 1,233.8	304.3	R 1,538.1
2016	11.2	445.3	174.5	9.8	40.6	237.7	2.6	R 75.1	R 540.3	0.0	29.7	0.1	(s)	(s)	209.9	R 1,236.5	275.7	R 1,512.2
2017	8.8	454.2	200.2	11.0	43.4	231.4	3.2	75.8	R 564.9	0.0	R 33.3	0.1	(s)	(s)	206.4	R 1,267.9	246.9	R 1,514.8
2018	7.0	506.0	191.5	12.6	44.3	236.6	2.3	73.8	561.2	0.0	R 35.6	0.1	(s)	0.1	220.3	1,330.4	252.3	1,582.7
2019	4.9	512.9	178.9	13.5	40.3	233.1	2.4	75.5	543.6	0.0	34.1	0.1	(s)	0.1	221.1	1,316.8	224.6	1,541.3
2020	3.7	488.4	158.3	12.9	34.3	212.8	1.5	R 73.1	R 492.9	0.0	R 47.8	0.1	(s)	0.1	212.6	R 1,235.6	208.4	R 1,444.0
2021	3.6	473.1	175.0	12.9	44.5	227.5	2.7	R 73.1	R 535.7	0.0	R 37.2	0.1	(s)	0.2	220.2	R 1,269.9	220.7	R 1,490.7
2022	4.5	R 476.5	R 178.1	12.9	45.5	225.6	2.7	R 74.9	R 539.8	0.0	R 35.9	0.1	(s)	0.3	237.1	R 1,293.9	226.1	R 1,520.0
2023	3.3	492.7	173.5	11.7	47.4	228.3	2.3	71.8	535.1	0.0	33.1	0.1	(s)	0.6	235.4	1,299.6	219.6	1,519.1

^a Includes supplemental gaseous fuels that are commingled with natural gas.^b 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.^c Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.^d 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."^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.^f Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See technical notes, Section 4.^g Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.^h There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.ⁱ Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.^j Losses and co-products from the production of biodiesel and fuel ethanol.^k Solar thermal and photovoltaic energy.^l Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.^m 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.ⁿ 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. <https://www.eia.gov/state/seds/>

Table CT4. Residential sector energy consumption estimates, selected years, 1960-2023, Oklahoma

Year	Coal ^a	Natural gas ^b	Petroleum				Biomass	Geothermal ^g	Solar ^{g,h}	Electricity ⁱ	End use ^{g,j}	Electrical system energy losses ^k	Total ^{e,g,j}
			Distillate fuel oil ^c	HGL ^d	Kerosene	Total ^e							
	Thousand short tons	Billion cubic feet	Thousand barrels				Wood ^f			Million kilowatthours			
1960	30	60	2	3,901	18	3,922	--	--	--	2,372	--	--	--
1965	10	65	2	4,598	78	4,678	--	--	--	4,086	--	--	--
1970	3	77	3	5,747	52	5,802	--	--	--	7,293	--	--	--
1975	1	80	12	5,575	24	5,610	--	--	--	9,222	--	--	--
1980	6	77	15	1,742	21	1,778	--	--	--	12,309	--	--	--
1985	1	76	86	2,008	30	2,124	--	--	--	14,400	--	--	--
1990	(s)	66	(s)	1,262	10	1,272	--	--	--	17,077	--	--	--
1995	1	69	11	1,203	4	1,217	--	--	--	16,319	--	--	--
2000	0	67	2	2,582	59	2,644	--	--	--	19,640	--	--	--
2005	(s)	59	1	1,874	6	1,881	--	--	--	21,309	--	--	--
2006	(s)	53	1	1,971	9	1,981	--	--	--	21,690	--	--	--
2007	(s)	60	30	2,466	8	2,504	--	--	--	21,361	--	--	--
2008	0	66	1	2,131	3	2,135	--	--	--	21,861	--	--	--
2009	0	62	3	1,997	4	2,004	--	--	--	21,641	--	--	--
2010	0	65	3	2,140	5	2,147	--	--	--	23,689	--	--	--
2011	0	61	13	1,850	3	1,866	--	--	--	24,425	--	--	--
2012	0	49	7	1,479	1	1,488	--	--	--	22,810	--	--	--
2013	0	66	6	1,946	1	1,953	--	--	--	23,200	--	--	--
2014	0	69	4	1,942	2	1,947	--	--	--	23,351	--	--	--
2015	0	59	1	1,809	(s)	1,811	--	--	--	22,616	--	--	--
2016	0	51	4	1,670	(s)	1,675	--	--	--	22,790	--	--	--
2017	0	51	2	1,819	1	1,822	--	--	--	21,838	--	--	--
2018	0	67	2	2,059	(s)	2,061	--	--	--	24,117	--	--	--
2019	0	68	3	2,180	(s)	2,184	--	--	--	23,806	--	--	--
2020	0	61	47	2,076	1	2,124	--	--	--	23,232	--	--	--
2021	0	64	4	2,095	1	2,100	--	--	--	23,746	--	--	--
2022	0	61	4	2,180	1	2,185	--	--	--	25,479	--	--	--
2023	0	59	4	1,893	1	1,898	--	--	--	23,818	--	--	--

Trillion Btu													
1960	0.7	61.9	(s)	15.0	0.1	15.1	9.2	NA	NA	8.1	95.0	16.3	111.3
1965	0.2	66.5	(s)	17.7	0.4	18.1	6.6	NA	NA	13.9	105.4	27.4	132.9
1970	0.1	79.9	(s)	22.1	0.3	22.4	6.2	NA	NA	24.9	133.4	51.0	184.4
1975	(s)	79.6	0.1	21.4	0.1	21.6	6.8	NA	NA	31.5	139.5	64.2	203.8
1980	0.1	76.8	0.1	6.7	0.1	6.9	2.8	NA	NA	42.0	128.6	89.3	218.0
1985	(s)	77.6	0.5	7.7	0.2	8.4	5.6	NA	NA	49.1	140.7	99.8	240.6
1990	(s)	67.0	(s)	4.8	0.1	4.9	4.4	(s)	0.1	58.3	134.7	128.6	263.3
1995	(s)	69.7	0.1	4.6	(s)	4.7	6.3	(s)	0.1	55.7	136.6	120.8	257.3
2000	0.0	67.4	(s)	9.9	0.3	10.3	3.1	(s)	0.1	67.0	147.8	153.3	301.1
2005	(s)	61.1	(s)	7.2	(s)	7.2	3.2	(s)	(s)	72.7	144.3	146.8	291.1
2006	(s)	54.5	(s)	7.6	(s)	7.6	2.8	(s)	(s)	74.0	139.0	149.7	288.7
2007	(s)	61.6	0.2	9.5	(s)	9.7	3.1	(s)	(s)	72.9	147.3	140.9	288.2
2008	0.0	68.5	(s)	8.2	(s)	8.2	3.5	(s)	(s)	74.6	154.9	139.0	293.9
2009	0.0	64.3	(s)	7.7	(s)	7.7	5.5	(s)	(s)	73.8	151.4	134.9	286.3
2010	0.0	67.4	(s)	8.2	(s)	8.3	5.9	(s)	(s)	80.8	162.5	150.5	312.9
2011	0.0	63.2	0.1	7.1	(s)	7.2	5.7	(s)	(s)	83.3	159.5	149.7	309.2
2012	0.0	50.6	(s)	5.7	(s)	5.7	4.8	(s)	(s)	77.8	139.0	133.4	272.4
2013	0.0	68.4	(s)	7.5	(s)	7.5	6.2	(s)	(s)	79.2	161.4	133.5	294.9
2014	0.0	71.7	(s)	7.5	(s)	7.5	6.3	(s)	(s)	79.7	165.2	130.7	295.9
2015	0.0	62.1	(s)	6.9	(s)	7.0	4.0	(s)	(s)	77.2	150.3	112.2	262.5
2016	0.0	53.0	(s)	6.4	(s)	6.4	3.0	(s)	(s)	77.8	140.3	102.1	242.4
2017	0.0	53.2	(s)	7.0	(s)	7.0	2.6	(s)	(s)	74.5	137.4	89.1	226.6
2018	0.0	69.6	(s)	7.9	(s)	7.9	4.2	(s)	0.1	82.3	R 164.1	94.2	258.3
2019	0.0	70.1	(s)	8.4	(s)	8.4	R 4.4	(s)	0.1	81.2	164.1	82.5	246.6
2020	0.0	62.6	0.3	8.0	(s)	8.2	R 5.6	(s)	0.1	79.3	R 155.9	77.7	R 233.6
2021	0.0	65.6	(s)	8.0	(s)	8.1	R 5.8	(s)	0.2	81.0	R 160.7	81.2	R 242.0
2022	0.0	63.3	(s)	8.4	(s)	8.4	R 7.3	(s)	0.3	86.9	R 166.2	82.9	R 249.1
2023	0.0	61.1	(s)	7.3	(s)	7.3	6.2	(s)	0.5	81.3	156.3	75.8	232.1

^a Beginning in 2008, data are no longer collected and are assumed to be zero.

^b Includes supplemental gaseous fuels that are commingled with natural gas.

^c Beginning in 2013, includes biodiesel blended into distillate fuel oil.

^d Hydrocarbon gas liquids, assumed to be propane only.

^e Wood and wood-derived fuels.

^f Beginning in 2021, includes small amounts of other petroleum products (biofuels product supplied) not shown separately.

^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

^h Solar thermal and photovoltaic energy. Includes solar thermal energy consumed as heat by the commercial and industrial sectors.

ⁱ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^j 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.

^k 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: · 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. <https://www.eia.gov/state/seds/>

Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2023, Oklahoma

Year	Coal	Natural gas ^a	Petroleum						Hydro-electric power ^{f,g}	Biomass	Geothermal ^g	Solar ^{g,i}	Electricity ^j	End use ^{g,k}	Electrical system energy losses ^l	Total ^{e,g,k}
			Distillate fuel oil ^b	HGL ^c	Kerosene	Motor gasoline ^d	Residual fuel oil	Total ^e								
	Thousand short tons	Billion cubic feet	Thousand barrels						Million kilowatthours	Wood and waste ^{g,h}		Million kilowatthours				
1960	21	29	72	732	83	177	395	1,459	NA	--	--	NA	1,904	--	--	--
1965	8	27	68	863	353	204	233	1,721	NA	--	--	NA	2,945	--	--	--
1970	3	44	95	1,078	233	229	190	1,825	NA	--	--	NA	4,415	--	--	--
1975	2	42	406	1,046	106	264	196	2,018	NA	--	--	NA	6,810	--	--	--
1980	24	47	315	327	15	301	30	988	NA	--	--	NA	9,005	--	--	--
1985	2	41	732	377	20	338	0	1,466	NA	--	--	NA	11,706	--	--	--
1990	(s)	37	626	237	13	374	80	1,329	0	--	--	0	13,663	--	--	--
1995	10	40	270	226	5	38	(s)	539	0	--	--	0	13,359	--	--	--
2000	0	43	242	485	32	38	0	797	0	--	--	0	15,989	--	--	--
2005	1	39	252	370	9	139	0	770	0	--	--	0	17,477	--	--	--
2006	3	35	292	373	9	123	0	796	0	--	--	0	18,197	--	--	--
2007	(s)	41	473	365	8	218	0	1,064	0	--	--	0	18,634	--	--	--
2008	0	41	614	350	4	194	0	1,161	0	--	--	0	19,022	--	--	--
2009	0	41	742	304	3	174	0	1,222	0	--	--	0	18,670	--	--	--
2010	0	42	651	465	3	161	0	1,280	0	--	--	0	19,005	--	--	--
2011	0	40	536	404	4	149	0	1,093	0	--	--	(s)	19,613	--	--	--
2012	0	36	688	323	2	161	0	1,173	0	--	--	(s)	19,961	--	--	--
2013	0	44	588	407	1	178	0	1,174	0	--	--	1	19,843	--	--	--
2014	0	47	641	480	1	163	0	1,285	0	--	--	1	20,449	--	--	--
2015	0	42	836	404	1	955	0	2,195	0	--	--	1	20,691	--	--	--
2016	0	37	949	449	(s)	946	0	2,345	0	--	--	1	20,696	--	--	--
2017	0	38	1,027	450	(s)	864	0	2,341	0	--	--	1	20,499	--	--	--
2018	0	47	556	593	(s)	879	0	2,028	0	--	--	4	21,229	--	--	--
2019	0	49	825	617	(s)	883	0	2,325	0	--	--	5	20,086	--	--	--
2020	0	42	789	671	(s)	890	5	2,356	0	--	--	6	18,699	--	--	--
2021	0	44	685	688	(s)	900	0	2,273	0	--	--	8	19,999	--	--	--
2022	0	45	709	636	(s)	1,104	0	2,450	0	--	--	12	22,212	--	--	--
2023	0	45	663	550	1	926	0	2,140	0	--	--	28	23,117	--	--	--
Trillion Btu																
1960	0.5	29.8	0.4	2.8	0.5	0.9	2.5	7.1	NA	0.2	NA	NA	6.5	44.1	13.1	57.2
1965	0.2	27.9	0.4	3.3	2.0	1.1	1.5	8.2	NA	0.1	NA	NA	10.0	46.5	19.8	66.3
1970	0.1	45.3	0.6	4.1	1.3	1.2	1.2	8.4	NA	0.1	NA	NA	15.1	69.0	30.9	99.8
1975	(s)	41.6	2.4	4.0	0.6	1.4	1.2	9.6	NA	0.1	NA	NA	23.2	74.7	47.4	122.1
1980	0.6	47.2	1.8	1.3	0.1	1.6	0.2	4.9	NA	0.1	NA	NA	30.7	83.5	65.4	148.9
1985	0.1	41.6	4.3	1.4	0.1	1.8	0.0	7.6	NA	0.1	NA	NA	39.9	89.3	81.2	170.5
1990	(s)	38.0	3.6	0.9	0.1	2.0	0.5	7.1	0.0	0.5	0.0	0.0	46.6	92.2	102.9	195.1
1995	0.2	40.2	1.6	0.9	(s)	0.2	(s)	2.7	0.0	0.9	0.0	0.0	45.6	89.6	98.9	188.4
2000	0.0	43.5	1.4	1.9	0.2	0.2	0.0	3.7	0.0	0.5	0.0	0.0	54.6	102.2	124.8	227.0
2005	(s)	40.5	1.5	1.4	0.1	0.7	0.0	3.7	0.0	0.5	0.0	0.0	59.6	104.4	120.4	224.8
2006	0.1	36.7	1.7	1.4	(s)	0.6	0.0	3.8	0.0	0.5	0.0	0.0	62.1	103.1	125.6	228.7
2007	(s)	42.0	2.7	1.4	(s)	1.1	0.0	5.3	0.0	0.5	0.0	0.0	63.6	111.4	122.9	234.3
2008	0.0	42.2	3.5	1.3	(s)	1.0	0.0	5.9	0.0	0.5	0.0	0.0	64.9	113.5	121.0	234.5
2009	0.0	42.8	4.3	1.2	(s)	0.9	0.0	6.4	0.0	0.8	0.0	0.0	63.7	113.6	116.4	230.0
2010	0.0	43.1	3.8	1.8	(s)	0.8	0.0	6.4	0.0	0.8	0.0	0.0	64.8	115.1	120.7	235.8
2011	0.0	41.6	3.1	1.6	(s)	0.8	0.0	5.4	0.0	0.7	0.0	(s)	66.9	114.7	120.2	234.9
2012	0.0	37.3	4.0	1.2	(s)	0.8	0.0	6.0	0.0	0.6	0.0	(s)	68.1	112.1	116.7	228.8
2013	0.0	45.8	3.4	1.6	(s)	0.9	0.0	5.9	0.0	0.7	0.0	(s)	67.7	120.1	114.2	234.3
2014	0.0	48.8	3.7	1.8	(s)	0.8	0.0	6.4	0.0	R 0.7	0.0	(s)	69.8	R 125.7	114.5	240.2
2015	0.0	43.9	4.8	1.6	(s)	4.8	0.0	11.2	0.0	R 0.5	0.0	(s)	70.6	126.3	R 102.7	R 228.9
2016	0.0	38.8	5.5	1.7	(s)	4.8	0.0	12.0	0.0	0.5	0.0	(s)	70.6	R 121.9	92.7	214.7
2017	0.0	39.4	5.9	1.7	(s)	4.4	0.0	12.0	0.0	R 0.4	0.0	(s)	69.9	R 121.8	83.7	205.5
2018	0.0	48.5	3.2	2.3	(s)	4.4	0.0	9.9	0.0	R 0.5	0.0	(s)	72.4	R 131.4	82.9	R 214.4
2019	0.0	50.4	4.8	2.4	(s)	4.5	0.0	11.6	0.0	R 0.5	0.0	(s)	68.5	R 131.0	69.6	R 200.6
2020	0.0	43.7	R 4.6	2.6	(s)	4.5	(s)	11.7	0.0	R 1.1	0.0	(s)	63.8	R 120.3	62.6	R 182.9
2021	0.0	45.0	R 4.0	2.6	(s)	4.5	0.0	11.1	0.0	R 1.1	0.0	(s)	68.2	R 125.6	68.4	R 194.0
2022	0.0	R 47.1	4.1	2.4	(s)	5.6	0.0	12.1	0.0	R 2.2	0.0	(s)	75.8	R 137.2	72.3	R 209.4
2023	0.0	46.2	3.8	2.1	(s)	4.7	0.0	10.6	0.0	2.2	0.0	0.1	78.9	137.9	73.6	211.5

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Beginning in 2013, includes biodiesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

^d Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See technical notes, Section 4.

^e Includes small amounts of petroleum coke and, beginning in 2021 other petroleum products (biofuels product supplied), not shown separately.

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

^g There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.

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

ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

^j Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^k 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 commercial utility-scale facilities.

^l 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: · Totals may not equal sum of components due to independent rounding. · The commercial sector includes commercial combined-heat-and-power (CHP) and commercial electricity-only plants. · 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. <https://www.eia.gov/state/seds/>

Table CT6. Industrial sector energy consumption estimates, selected years, 1960-2023, Oklahoma

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum						Hydro-electric power ^{e,f} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j End use ^{f,k}	Electrical system energy losses ^l	Total ^{f,k}	
			Distillate fuel oil	HGL ^b	Motor gasoline ^c	Residual fuel oil	Other ^d	Total		Wood and waste ^{f,g}	Losses and co-products ^h						
																	Thousand barrels
1960	25	128	1,193	1,511	1,383	1,017	10,522	15,626	0	--	--	--	NA	2,561	--	--	
1965	11	236	1,203	1,704	812	346	12,857	16,921	0	--	--	--	NA	3,563	--	--	
1970	0	218	2,084	2,277	515	477	14,487	19,840	0	--	--	--	NA	4,888	--	--	
1975	20	223	4,166	2,248	437	374	15,792	23,018	0	--	--	--	NA	7,233	--	--	
1980	264	246	3,705	6,683	359	702	15,047	26,495	0	--	--	--	NA	9,795	--	--	
1985	852	245	7,215	5,517	977	211	9,347	23,267	0	--	--	--	NA	10,576	--	--	
1990	557	307	3,592	1,693	834	484	11,306	17,910	0	--	--	--	0	11,764	--	--	
1995	1,455	275	2,873	2,138	1,183	329	10,504	17,027	0	--	--	--	0	11,714	--	--	
2000	714	231	3,341	2,751	671	237	9,689	16,689	0	--	--	--	0	13,935	--	--	
2005	727	210	3,449	8,532	1,590	221	13,857	27,649	0	--	--	--	0	14,920	--	--	
2006	732	226	3,797	12,462	1,683	246	13,630	31,818	0	--	--	--	0	15,018	--	--	
2007	747	242	4,112	777	1,269	130	14,740	21,028	0	--	--	--	0	15,198	--	--	
2008	713	270	4,150	517	1,098	420	11,803	17,988	0	--	--	--	0	15,395	--	--	
2009	630	242	2,111	346	1,108	305	11,451	15,322	0	--	--	--	0	14,233	--	--	
2010	650	249	2,607	380	833	542	R 12,171	R 16,532	0	--	--	--	0	15,152	--	--	
2011	625	259	2,548	518	848	586	R 11,881	R 16,381	0	--	--	--	0	15,809	--	--	
2012	606	256	4,487	453	834	611	R 12,706	R 19,091	0	--	--	--	0	16,570	--	--	
2013	634	259	4,536	370	922	514	R 11,981	R 18,323	0	--	--	--	0	16,886	--	--	
2014	691	271	5,746	495	719	483	R 10,830	R 18,273	0	--	--	--	0	17,773	--	--	
2015	602	276	3,793	486	889	312	R 11,638	R 17,117	0	--	--	--	0	18,029	--	--	
2016	591	287	4,048	367	957	411	R 11,429	R 17,212	0	--	--	--	0	18,031	--	--	
2017	474	295	6,603	330	963	506	11,572	19,975	0	--	--	--	0	18,156	--	--	
2018	356	318	6,027	469	978	367	11,268	19,109	0	--	--	--	(s)	19,229	--	--	
2019	241	322	4,538	609	917	378	R 11,584	R 18,026	0	--	--	--	1	20,904	--	--	
2020	157	325	2,409	478	915	232	R 11,259	R 15,294	0	--	--	--	1	20,368	--	--	
2021	148	309	4,963	490	907	426	R 10,870	R 17,656	0	--	--	--	1	20,780	--	--	
2022	201	R 309	5,016	442	947	436	R 11,138	R 17,980	0	--	--	--	1	21,796	--	--	
2023	156	326	4,897	521	879	362	10,604	17,263	0	--	--	--	3	22,044	--	--	
Trillion Btu																	
1960	0.6	132.5	7.0	5.7	7.3	6.4	64.4	90.7	0.0	0.8	NA	NA	NA	8.7	233.4	17.6	251.0
1965	0.3	242.2	7.0	6.5	4.3	2.2	79.3	99.2	0.0	0.9	NA	NA	NA	12.2	354.6	23.9	378.6
1970	0.0	225.3	12.1	8.3	2.7	3.0	89.6	115.7	0.0	0.7	NA	NA	NA	16.7	358.4	34.2	392.5
1975	0.5	221.7	24.3	7.9	2.3	2.4	98.3	135.2	0.0	5.1	NA	NA	NA	24.7	387.0	50.4	437.4
1980	5.6	246.4	21.6	23.6	1.9	4.4	93.2	144.7	0.0	8.3	NA	NA	NA	33.4	438.4	71.1	509.5
1985	18.3	249.3	42.0	18.9	5.1	1.3	59.6	126.9	0.0	9.7	0.0	NA	NA	36.1	440.3	73.3	513.7
1990	12.7	313.1	20.9	5.8	4.4	3.0	70.2	104.4	0.0	16.5	0.0	0.0	0.0	40.1	486.8	88.6	575.4
1995	33.0	278.9	16.7	7.4	6.2	2.1	65.3	97.6	0.0	17.3	0.0	0.0	0.0	40.0	466.8	86.7	553.5
2000	14.2	233.1	19.4	9.4	3.5	1.5	59.7	93.5	0.0	20.5	0.0	0.0	0.0	47.5	408.8	108.8	517.6
2005	15.4	216.2	20.1	29.3	8.3	1.4	86.0	145.0	0.0	22.8	0.0	0.0	0.0	50.9	450.4	102.8	553.2
2006	15.0	233.6	22.0	42.6	8.7	1.5	84.3	159.2	0.0	23.8	0.0	0.0	0.0	51.2	482.9	103.7	586.6
2007	15.4	249.4	23.8	2.6	6.5	0.8	91.5	125.3	0.0	22.1	0.0	0.0	0.0	51.9	464.1	100.2	564.3
2008	14.6	279.6	24.0	1.7	5.6	2.6	72.9	106.9	0.0	8.8	(s)	0.0	0.0	52.5	462.4	97.9	560.4
2009	12.1	249.7	12.2	1.1	5.6	1.9	70.7	91.6	0.0	12.1	(s)	0.0	0.0	48.6	414.0	88.7	502.7
2010	12.4	256.3	15.1	1.5	4.2	3.4	R 75.0	R 99.1	0.0	23.6	(s)	0.0	0.0	51.7	R 443.1	96.2	R 539.3
2011	11.8	266.4	14.7	2.0	4.3	3.7	R 72.9	R 97.6	0.0	23.6	(s)	0.0	0.0	53.9	R 453.4	96.9	R 550.3
2012	11.5	263.8	25.9	1.7	4.2	3.8	R 78.3	R 114.0	0.0	25.6	0.0	0.0	0.0	56.5	R 471.5	96.9	R 568.4
2013	12.2	267.7	26.1	1.4	4.7	3.2	R 73.5	R 109.0	0.0	26.6	0.1	0.0	0.0	57.6	R 473.1	97.2	R 570.2
2014	13.3	281.6	33.1	1.9	3.6	3.0	R 66.4	R 108.1	0.0	24.6	0.1	0.0	0.0	60.6	R 488.3	99.5	R 587.8
2015	11.5	289.0	21.9	1.9	4.5	2.0	R 71.6	R 101.8	0.0	23.3	(s)	0.0	0.0	61.5	R 487.2	89.5	R 576.7
2016	11.2	300.8	23.3	1.4	4.8	2.6	R 72.1	R 104.3	0.0	26.2	0.1	0.0	0.0	61.5	R 504.0	80.8	R 584.8
2017	8.8	308.1	38.0	1.3	4.9	3.2	72.9	120.3	0.0	30.3	0.1	0.0	0.0	61.9	529.5	74.1	603.6
2018	7.0	328.0	34.7	1.8	4.9	2.3	71.1	114.8	0.0	30.9	0.1	0.0	(s)	65.6	546.4	75.1	621.5
2019	4.9	331.8	26.1	2.3	4.6	2.4	72.9	108.4	0.0	29.2	0.1	0.0	(s)	71.3	545.6	72.4	618.1
2020	3.7	335.2	13.9	1.8	4.6	1.5	70.7	92.5	0.0	31.0	0.1	0.0	(s)	69.5	532.0	68.1	600.1
2021	3.6	R 317.3	28.6	1.9	4.6	2.7	R 68.6	R 106.4	0.0	R 30.2	0.1	0.0	(s)	70.9	R 528.5	71.1	R 599.5
2022	4.5	R 320.2	28.9	1.7	4.8	2.7	R 70.4	R 108.5	0.0	R 26.4	0.1	0.0	(s)	74.4	R 533.8	70.9	R 604.8
2023	3.3	336.9	28.2	2.0	4.4	2.3	67.0	103.9	0.0	24.7	0.1	0.0	(s)	75.2	543.7	70.2	613.9

^a Includes supplemental gaseous fuels that are commingled with natural gas.

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

^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in this time series between 2014 and 2015 because of coverage. See technical notes, Section 4.

^d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See technical notes, Section 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 Losses and co-products from the production of biodiesel and fuel ethanol.

ⁱ Solar thermal and photovoltaic energy. Excludes a small amount of solar thermal energy consumed as heat that is included in the residential sector.

^j Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.

^k 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 industrial utility-scale facilities.

^l 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.

kWh = Kilowatthours. -- = 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: · Totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants. · The continuity of these data series estimates may be affected by the 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. <https://www.eia.gov/state/seds/>

Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2023, Oklahoma

Year	Coal	Natural gas ^a	Petroleum								Electricity ^g	End use ^{h,i}	Electrical system energy losses ^j	Total ^{f,h,i}
			Aviation gasoline	Distillate fuel oil ^b	HGL ^c	Jet fuel ^d	Lubricants	Motor gasoline ^e	Residual fuel oil	Total ^f				
	Thousand short tons	Billion cubic feet	Thousand barrels								Million kilowatthours			
1960	(s)	9	562	1,325	290	2,920	485	21,148	8	26,737	0	--	--	--
1965	(s)	13	745	1,582	489	3,453	527	24,799	244	31,839	0	--	--	--
1970	0	23	448	3,351	516	4,378	457	31,776	75	41,000	0	--	--	--
1975	(s)	24	309	4,809	474	3,916	537	37,768	42	47,854	0	--	--	--
1980	0	23	328	8,030	235	4,900	777	38,974	0	53,244	0	--	--	--
1985	0	25	217	10,611	133	5,870	707	40,855	0	58,394	0	--	--	--
1990	0	26	146	11,227	97	7,832	796	37,790	0	57,888	0	--	--	--
1995	0	31	154	13,501	59	5,359	759	41,161	0	60,994	0	--	--	--
2000	0	22	108	24,586	44	6,812	811	41,617	0	73,978	0	--	--	--
2005	0	32	64	24,296	63	5,964	684	43,421	0	74,492	0	--	--	--
2006	0	32	261	27,818	64	5,661	667	41,869	0	76,339	0	--	--	--
2007	0	29	51	29,102	49	5,295	688	43,898	0	79,083	0	--	--	--
2008	0	28	45	30,330	79	5,591	639	43,236	0	79,919	0	--	--	--
2009	0	29	245	26,560	70	6,447	575	42,717	0	76,613	0	--	--	--
2010	0	31	199	26,963	20	6,375	464	44,772	0	78,792	0	--	--	--
2011	0	31	186	27,539	22	6,365	440	42,027	0	76,578	0	--	--	--
2012	0	33	174	25,497	26	6,603	407	44,210	0	76,916	0	--	--	--
2013	0	42	131	24,327	36	6,522	413	43,336	0	74,765	0	--	--	--
2014	0	47	53	26,185	43	7,498	442	46,354	0	80,575	0	--	--	--
2015	0	47	58	26,241	56	7,185	471	44,528	0	78,540	0	--	--	--
2016	0	50	58	25,316	71	7,163	443	45,117	0	78,168	0	--	--	--
2017	0	51	60	27,142	262	7,650	420	43,970	0	79,504	0	--	--	--
2018	0	58	66	26,669	165	7,820	395	44,963	0	80,078	0	--	--	--
2019	0	59	69	25,690	115	7,107	370	44,331	0	77,683	0	--	--	--
2020	0	46	62	24,256	125	6,057	335	40,315	0	71,150	0	--	--	--
2021	0	44	63	24,704	81	7,850	354	43,243	0	76,669	0	--	--	--
2022	0	44	65	25,157	96	8,025	377	42,634	0	76,714	0	--	--	--
2023	0	47	61	24,540	84	8,363	273	43,420	0	77,264	0	--	--	--

Trillion Btu														
1960	(s)	9.3	2.8	7.7	1.1	15.7	2.9	111.1	0.1	141.4	0.0	150.7	0.0	150.7
1965	(s)	12.9	3.8	9.2	1.9	18.7	3.2	130.3	1.5	168.6	0.0	181.5	0.0	181.5
1970	0.0	23.5	2.3	19.5	2.0	24.0	2.8	166.9	0.5	217.9	0.0	241.5	0.0	241.5
1975	(s)	23.6	1.6	28.0	1.8	21.5	3.3	198.4	0.3	254.8	0.0	278.5	0.0	278.5
1980	0.0	22.8	1.7	46.8	0.9	26.9	4.7	204.7	0.0	285.7	0.0	308.5	0.0	308.5
1985	0.0	25.8	1.1	61.8	0.5	32.5	4.3	214.6	0.0	314.8	0.0	340.8	0.0	340.8
1990	0.0	26.6	0.7	65.4	0.4	43.8	4.8	198.5	0.0	313.6	0.0	340.2	0.0	340.2
1995	0.0	31.3	0.8	78.6	0.2	30.3	4.6	214.2	0.0	328.7	0.0	360.0	0.0	360.0
2000	0.0	21.9	0.5	143.1	0.2	38.6	4.9	216.4	0.0	403.8	0.0	425.6	0.0	425.6
2005	0.0	32.6	0.3	141.4	0.2	33.8	4.1	225.4	0.0	405.3	0.0	438.2	0.0	438.2
2006	0.0	32.6	1.3	161.4	0.2	32.1	4.0	217.1	0.0	416.2	0.0	449.6	0.0	449.6
2007	0.0	29.5	0.3	168.3	0.2	30.0	4.2	225.7	0.0	428.7	0.0	459.3	0.0	459.3
2008	0.0	28.8	0.2	175.3	0.3	31.7	3.9	220.8	0.0	432.2	0.0	461.9	0.0	461.9
2009	0.0	30.1	1.2	153.4	0.3	36.6	3.5	217.4	0.0	412.4	0.0	442.5	0.0	442.5
2010	0.0	31.8	1.0	155.7	0.1	36.1	2.8	226.9	0.0	422.6	0.0	454.4	0.0	454.4
2011	0.0	32.1	0.9	158.9	0.1	36.1	2.7	212.8	0.0	411.4	0.0	443.5	0.0	443.5
2012	0.0	34.2	0.9	147.0	0.1	37.4	2.5	223.8	0.0	411.7	0.0	445.9	0.0	445.9
2013	0.0	43.6	0.7	140.1	0.1	37.0	2.5	219.3	0.0	399.7	0.0	443.3	0.0	443.3
2014	0.0	49.2	0.3	150.8	0.2	42.5	2.7	234.5	0.0	431.0	0.0	480.2	0.0	480.2
2015	0.0	49.6	0.3	151.2	0.2	40.7	2.9	225.2	0.0	420.5	0.0	470.0	0.0	470.0
2016	0.0	52.7	0.3	145.7	0.3	40.6	2.7	228.1	0.0	417.6	0.0	470.3	0.0	470.3
2017	0.0	53.5	0.3	156.2	1.0	43.4	2.5	222.2	0.0	425.6	0.0	479.1	0.0	479.1
2018	0.0	60.0	0.3	153.6	0.6	44.3	2.4	227.2	0.0	428.5	0.0	488.5	0.0	488.5
2019	0.0	60.7	0.3	148.0	0.4	40.3	2.2	224.0	0.0	415.2	0.0	476.0	0.0	476.0
2020	0.0	46.9	0.3	139.6	0.5	34.3	2.0	203.7	0.0	380.5	0.0	427.4	0.0	427.4
2021	0.0	45.1	0.3	142.4	0.3	44.5	2.1	218.4	0.0	410.1	0.0	455.2	0.0	455.2
2022	0.0	46.0	0.3	145.1	0.4	45.5	2.3	215.3	0.0	410.7	0.0	456.7	0.0	456.7
2023	0.0	48.5	0.3	141.5	0.3	47.4	1.7	219.2	0.0	413.2	0.0	461.7	0.0	461.7

^a Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

^b Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

^c Hydrocarbon gas liquids, assumed to be propane only.

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

^e Beginning in 1993, includes fuel ethanol blended into motor gasoline.

^f Beginning in 2021, includes other petroleum products (biofuels product supplied) not shown separately.

^g Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.

^h There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

ⁱ For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

^j 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.
Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.

Notes: · Totals may not equal sum of components due to independent rounding. · The continuity of these data series estimates may be affected by the 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. <https://www.eia.gov/state/seds/>

Table CT8. Electric power sector consumption estimates, selected years, 1960-2023, Oklahoma

Year		Natural gas ^a	Petroleum				Nuclear electric power	Hydroelectric power ^d	Biomass	Geothermal ^f	Solar ^{f,g}	Wind ^f	Electricity net imports ^h	Total ^{f,i}
	Coal		Distillate fuel oil ^b	Petroleum coke	Residual fuel oil ^c	Total			Wood and waste ^{e,f}					
	Thousand short tons	Billion cubic feet	Thousand barrels				Million kilowatthours			Million kilowatthours				
1960	(s)	83	26	0	33	59	0	705	--		0	NA	NA	0
1965	1	127	22	0	28	50	0	825	--	0	NA	NA	0	--
1970	1	235	51	0	64	116	0	1,406	--	0	NA	NA	0	--
1975	(s)	301	55	0	29	85	0	2,945	--	0	NA	NA	0	--
1980	5,752	330	59	0	(s)	59	0	1,315	--	0	NA	NA	0	--
1985	12,747	201	79	0	9	87	0	3,980	--	0	0	0	0	--
1990	14,957	176	28	0	58	86	0	2,731	--	0	0	0	0	--
1995	19,276	161	17	0	112	129	0	2,780	--	0	0	0	0	--
2000	20,708	176	77	0	0	77	0	2,277	--	0	0	0	0	--
2005	21,952	242	23	0	3	25	0	2,630	--	0	0	848	(s)	--
2006	21,188	279	46	0	(s)	46	0	624	--	0	0	1,712	0	--
2007	20,547	287	59	0	190	249	0	3,066	--	0	0	1,849	0	--
2008	21,957	283	23	0	0	23	0	3,811	--	0	0	2,358	0	--
2009	20,959	285	23	0	0	23	0	3,553	--	0	0	2,698	0	--
2010	19,363	289	24	0	0	24	0	2,809	--	0	0	3,808	0	--
2011	21,307	264	30	0	0	30	0	1,507	--	0	0	5,605	0	--
2012	18,317	318	21	0	0	21	0	1,146	--	0	0	8,158	0	--
2013	18,794	248	18	0	0	18	0	2,178	--	0	0	11,162	0	--
2014	18,743	208	22	0	0	22	0	1,428	--	0	0	11,937	0	--
2015	15,647	254	17	0	0	17	0	2,664	--	0	2	14,031	0	--
2016	12,170	277	31	0	0	31	0	2,573	--	0	5	20,069	0	--
2017	10,940	229	27	0	0	27	0	2,036	--	0	33	23,599	0	--
2018	9,541	326	31	0	0	31	0	2,035	--	0	62	27,338	0	--
2019	5,206	349	33	0	0	33	0	3,903	--	0	60	29,008	0	--
2020	3,970	346	51	0	0	51	0	2,854	--	0	63	29,417	0	--
2021	7,435	265	66	0	0	66	0	2,766	--	0	77	32,540	0	--
2022	5,854	287	53	0	0	53	0	1,770	--	0	81	37,553	0	--
2023	3,516	358	38	0	0	38	0	1,483	--	0	79	37,012	0	--

Trillion Btu

1960	(s)	85.7	0.2	0.0	0.2	0.4	0.0	2.4	0.0	0.0	NA	NA	0.0	88.5
1965	(s)	130.5	0.1	0.0	0.2	0.3	0.0	2.8	0.0	0.0	NA	NA	0.0	133.7
1970	(s)	242.2	0.3	0.0	0.4	0.7	0.0	4.8	0.0	0.0	NA	NA	0.0	247.8
1975	(s)	312.3	0.3	0.0	0.2	0.5	0.0	10.0	0.0	0.0	NA	NA	0.0	322.9
1980	100.0	345.8	0.3	0.0	(s)	0.3	0.0	4.5	0.0	0.0	NA	NA	0.0	450.7
1985	218.8	209.5	0.5	0.0	0.1	0.5	0.0	13.6	0.0	0.0	0.0	0.0	0.0	442.4
1990	266.1	183.6	0.2	0.0	0.4	0.5	0.0	9.3	0.0	0.0	0.0	0.0	0.0	459.6
1995	336.6	166.3	0.1	0.0	0.7	0.8	0.0	9.5	0.0	0.0	0.0	0.0	0.0	513.2
2000	366.9	180.9	0.5	0.0	0.0	0.5	0.0	7.8	0.0	0.0	0.0	0.0	0.0	556.0
2005	382.0	249.5	0.1	0.0	(s)	0.1	0.0	9.0	0.0	0.0	0.0	2.9	(s)	643.5
2006	369.3	287.0	0.3	0.0	(s)	0.3	0.0	2.1	0.0	0.0	0.0	5.8	0.0	664.6
2007	357.8	294.9	0.3	0.0	1.2	1.5	0.0	10.5	0.0	0.0	0.0	6.3	0.0	671.0
2008	377.1	292.2	0.1	0.0	0.0	0.1	0.0	13.0	(s)	0.0	0.0	8.0	0.0	690.5
2009	361.2	294.2	0.1	0.0	0.0	0.1	0.0	12.1	0.0	0.0	0.0	9.2	0.0	676.9
2010	333.6	298.7	0.1	0.0	0.0	0.1	0.0	9.6	0.0	0.0	0.0	13.0	0.0	655.1
2011	366.5	273.6	0.2	0.0	0.0	0.2	0.0	5.1	0.0	0.0	0.0	19.1	0.0	664.6
2012	315.6	326.5	0.1	0.0	0.0	0.1	0.0	3.9	0.0	0.0	0.0	27.8	0.0	673.9
2013	323.7	256.7	0.1	0.0	0.0	0.1	0.0	7.4	0.2	0.0	0.0	38.1	0.0	626.3
2014	322.8	216.0	0.1	0.0	0.0	0.1	0.0	4.9	0.2	0.0	0.0	40.7	0.0	584.7
2015	269.2	266.7	0.1	0.0	0.0	0.1	0.0	9.1	0.2	0.0	(s)	47.9	0.0	593.1
2016	210.6	290.9	0.2	0.0	0.0	0.2	0.0	8.8	0.2	0.0	(s)	68.5	0.0	579.1
2017	189.5	237.9	0.2	0.0	0.0	0.2	0.0	6.9	0.2	0.0	0.1	80.5	0.0	515.3
2018	164.3	336.2	0.2	0.0	0.0	0.2	0.0	6.9	0.3	0.0	0.2	93.3	0.0	601.3
2019	89.0	360.8	0.2	0.0	0.0	0.2	0.0	13.3	0.3	0.0	0.2	99.0	0.0	562.7
2020	67.0	356.5	0.3	0.0	0.0	0.3	0.0	9.7	0.2	0.0	0.2	100.4	0.0	534.3
2021	128.1	272.8	0.4	0.0	0.0	0.4	0.0	9.4	0.3	0.0	0.3	111.0	0.0	522.3
2022	102.3	296.5	0.3	0.0	0.0	0.3	0.0	6.0	0.4	0.0	0.3	128.1	0.0	533.7
2023	60.5	368.8	0.2	0.0	0.0	0.2	0.0	5.1	0.2	0.0	0.3	126.3	0.0	560.6

^a Includes supplemental gaseous fuels that are commingled with natural gas.

^b Excludes biodiesel. Prior to 1980, based on oil used in internal combustion and gas turbine engine plants. For 1980 through 2000, distillate fuel oil includes fuel oil Nos. 1 and 2, and small amounts of kerosene and jet fuel.

^c Prior to 1980, based on oil used in steam plants. For 1980 through 2000, residual fuel oil includes fuel oil Nos. 4, 5, and 6.

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

^e Wood, wood-derived fuels, and biomass waste. Beginning in 2006, includes small amount of other biomass liquids that are biodiesel. Prior to 2001, includes non-biomass waste.

^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 Solar thermal and photovoltaic energy.

^h Electricity traded with Canada and Mexico. Btu value calculated by converting net imports in kilowatthours by 3,412 Btu per kilowatthour.

ⁱ 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 the total.

-- = Not applicable. NA = Not available.

Where shown, R = Revised data and (s) = Physical unit value less than +0.5 and greater than -0.5 or Btu value less than +0.05 and greater than -0.05.

Notes: - Totals may not equal sum of components due to independent rounding. - The electric power sector consists of electricity-only and combined-heat-and-power (CHP) plants within the NAICS 22 category whose primary business is to sell electricity, or electricity and heat, to the public. - Through 1988, data are for electric utilities only. Beginning in 1989, data include independent power producers. - The continuity of these data series estimates may be affected by the 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. <https://www.eia.gov/state/seds/>