

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2019, Texas

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 Retail Sales	Net Energy ^{f,j}	Electrical System Energy Losses ^k	Total ^{f,j}
			Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{l,g}	Losses and Co-products ^h						
1960	1,031	2,029	10,118	59,411	3,798	4,615	66,692	144,635	0	---	---	NA	14,602	---	---	---	
1965	1,136	2,098	8,519	89,166	2,563	1,879	106,935	209,061	0	---	---	NA	23,685	---	---	---	
1970	1,150	2,557	8,947	127,521	1,410	2,297	147,105	287,280	0	---	---	NA	40,274	---	---	---	
1975	3,720	2,160	15,301	143,075	997	11,070	164,810	335,253	5	---	---	NA	54,712	---	---	---	
1980	3,250	2,163	20,250	208,898	470	16,029	287,243	532,890	0	---	---	NA	78,190	---	---	---	
1985	5,192	1,732	19,330	275,079	4,704	5,969	172,257	477,338	0	---	---	NA	81,235	---	---	---	
1990	4,157	2,105	17,592	318,417	4,336	1,273	237,434	579,052	0	---	---	(s)	84,087	---	---	---	
1995	4,255	2,188	19,960	410,810	3,944	2,459	235,068	672,241	0	---	---	(s)	90,093	---	---	---	
2000	4,490	2,397	21,192	444,667	2,576	401	250,873	719,710	0	---	---	(s)	101,588	---	---	---	
2001	4,439	2,316	20,895	418,137	4,632	519	248,577	692,761	0	---	---	(s)	98,208	---	---	---	
2002	4,047	2,246	19,710	443,752	5,005	796	253,682	722,946	0	---	---	(s)	102,251	---	---	---	
2003	4,132	2,134	19,587	452,845	5,244	1,408	266,532	745,616	0	---	---	(s)	104,547	---	---	---	
2004	4,148	2,093	16,873	476,031	6,023	1,077	288,168	788,171	0	---	---	(s)	100,588	---	---	---	
2005	4,082	1,628	20,031	436,864	5,766	3,537	273,886	740,083	0	---	---	(s)	96,841	---	---	---	
2006	4,102	1,591	20,274	437,961	6,096	3,923	277,372	745,627	0	---	---	0	104,689	---	---	---	
2007	1,868	1,612	22,582	457,680	4,580	3,121	236,494	724,457	0	---	---	0	108,300	---	---	---	
2008	1,806	1,653	26,483	361,353	3,867	3,620	194,458	589,782	0	---	---	0	105,868	---	---	---	
2009	833	1,537	19,793	375,233	3,802	3,408	186,878	589,113	0	---	---	0	96,931	---	---	---	
2010	952	1,743	22,336	R 453,293	5,750	3,280	200,063	R 684,723	0	---	---	0	99,754	---	---	---	
2011	956	1,781	30,405	R 450,994	6,035	4,548	199,285	R 691,266	0	---	---	0	102,129	---	---	---	
2012	947	1,875	34,173	R 484,434	5,600	2,162	201,377	R 727,746	0	---	---	0	94,517	---	---	---	
2013	1,002	1,934	32,751	R 529,526	6,098	1,626	R 215,982	R 785,983	0	---	---	0	101,968	---	---	---	
2014	1,296	1,988	39,585	R 498,111	4,489	1,860	R 197,543	R 741,588	0	---	---	0	109,165	---	---	---	
2015	951	2,023	27,448	R 546,384	3,682	1,242	R 199,322	R 778,079	0	---	---	0	110,182	---	---	---	
2016	673	2,067	29,924	R 557,229	3,663	2,008	R 204,127	R 796,951	0	---	---	0	113,403	---	---	---	
2017	630	R 2,090	30,594	R 577,719	3,703	2,516	R 209,599	R 824,130	0	---	---	(s)	119,970	---	---	---	
2018	530	R 2,267	33,999	R 686,660	3,786	2,347	R 209,934	R 936,726	0	---	---	1	R 123,439	---	---	---	
2019	503	2,290	32,162	700,993	3,786	1,961	209,871	948,772	0	---	---	2	131,674	---	---	---	

Trillion Btu

1960	24.4	2,100.3	58.9	224.8	19.9	29.0	401.8	734.5	0.0	23.9	NA	NA	NA	49.8	2,933.0	123.2	3,056.2
1965	29.0	2,175.3	49.6	337.5	13.5	11.8	630.4	1,042.9	0.0	30.7	NA	NA	NA	80.8	3,358.7	192.9	3,551.7
1970	30.7	2,626.3	52.1	465.2	7.4	14.4	857.1	1,396.2	0.0	44.6	NA	NA	NA	137.4	4,235.3	332.4	4,567.7
1975	77.7	2,224.0	89.1	513.5	5.2	69.6	959.6	1,637.1	0.1	47.2	NA	NA	NA	186.7	4,172.6	447.8	4,620.4
1980	63.3	2,229.7	118.0	766.4	2.5	100.8	1,662.3	2,649.9	0.0	41.6	NA	NA	NA	266.8	5,251.2	640.9	5,892.1
1985	85.4	1,793.3	112.6	974.3	24.7	37.5	1,016.7	2,165.8	0.0	48.7	NA	NA	NA	277.2	4,376.5	634.9	5,011.3
1990	61.5	2,194.1	102.5	1,137.2	22.8	8.0	1,386.0	2,656.5	0.0	68.1	(s)	0.0	(s)	286.9	5,266.5	591.1	5,857.6
1995	63.7	2,280.6	116.2	1,474.6	20.5	15.5	1,369.3	2,996.0	0.0	83.4	0.0	0.0	(s)	307.4	5,731.1	630.3	6,361.4
2000	73.1	2,477.4	123.3	1,582.9	13.4	2.5	1,437.8	3,159.9	0.0	68.0	0.0	0.0	(s)	346.6	6,125.0	708.9	6,833.9
2001	75.5	2,370.5	121.6	1,483.7	24.1	3.3	1,434.1	3,066.7	0.0	55.9	0.0	0.0	(s)	335.1	5,902.9	658.5	6,561.4
2002	71.6	2,320.7	114.7	1,568.0	26.0	5.0	1,454.3	3,168.1	0.0	65.0	0.0	0.0	(s)	348.9	5,974.2	707.8	6,682.0
2003	72.5	2,195.6	114.0	1,606.3	27.3	8.9	1,527.6	3,283.9	0.0	60.1	0.0	0.0	(s)	356.7	5,968.9	689.1	6,657.9
2004	70.9	2,157.5	98.2	1,681.1	31.3	6.8	1,645.9	3,463.3	0.0	56.5	0.0	0.0	(s)	343.2	6,091.5	651.2	6,742.7
2005	70.1	1,673.6	116.5	1,541.1	29.9	22.2	1,568.4	3,278.2	0.0	55.8	(s)	0.0	(s)	330.4	5,408.1	626.6	6,034.8
2006	70.9	1,632.3	117.7	1,527.9	31.6	24.7	1,594.4	3,296.2	0.0	55.6	(s)	0.0	(s)	357.2	5,412.2	674.4	6,086.6
2007	40.4	1,654.3	130.6	1,592.4	23.5	19.6	1,360.8	3,127.0	0.0	58.9	0.1	0.0	0.0	369.5	5,250.2	756.7	6,006.9
2008	39.0	1,696.9	153.1	1,252.8	19.7	22.8	1,118.9	2,567.2	0.0	71.5	10.6	0.0	0.0	361.2	4,746.5	744.9	5,491.4
2009	17.1	1,574.6	114.3	1,274.2	19.4	21.4	1,071.8	2,501.1	0.0	45.3	9.3	0.0	0.0	330.7	4,478.1	683.3	5,161.4
2010	13.8	1,800.5	129.0	R 1,527.3	29.1	20.6	1,147.9	R 2,854.0	0.0	65.0	R 11.5	0.0	0.0	340.4	R 5,085.2	690.3	R 5,775.5
2011	19.5	1,831.2	175.4	R 1,473.1	30.6	28.6	1,142.2	R 2,849.9	0.0	69.9	R 13.2	0.0	0.0	348.5	R 5,132.1	708.1	R 5,840.2
2012	19.8	1,928.3	197.1	R 1,615.3	28.3	13.6	1,158.4	R 3,012.8	0.0	68.7	R 15.4	0.0	0.0	322.5	R 5,367.6	638.8	R 6,006.3
2013	21.6	1,981.1	188.7	R 1,784.7	30.9	10.2	1,238.8	R 3,253.3	0.0	71.0	11.5	0.0	0.0	347.9	R 5,686.5	697.0	R 6,383.5
2014	27.5	2,055.9	228.1	R 1,660.3	22.7	11.7	R 1,139.5	R 3,062.3	0.0	68.0	R 16.4	0.0	0.0	372.5	R 5,602.6	736.5	R 6,339.1
2015	20.4	2,094.8	158.2	R 1,854.1	18.6	7.8	R 1,151.9	R 3,190.6	0.0	66.7	R 18.3	0.0	0.0	375.9	R 5,766.8	717.5	R 6,484.4
2016	13.8	2,129.2	172.3	R 1,861.8	18.5	12.6	R 1,205.1	R 3,270.4	0.0	69.0	R 18.8	0.0	0.0	386.9	R 5,888.1	R 741.5	R 6,629.6
2017	12.5	R 2,149.1	176.1	R 1,914.8	18.7	15.8	R 1,232.8	R 3,358.2	0.0	R 70.6	R 19.0	0.0	(s)	409.3	R 6,018.9	795.7	R 6,814.6
2018	10.8	R 2,330.5	195.8	R 2,252.0	19.1	14.8	R 1,233.7	R 3,715.3	0.0	R 75.5	R 18.1	0.0	(s)	R 421.2	R 6,571.5	R 771.8	R 7,343.3
2019	9.9	2,349.9	185.2	2,323.1	19.1	12.3	1,242.5	3,782.3	0.0	71.3	18.0	0.0	(s)	449.3	6,678.3	821.1	7,499.3

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