

Table CT6. Industrial Sector Energy Consumption Estimates, Selected Years, 1960-2021, Alabama

Year	Coal Thousand Short Tons	Natural Gas ^a Billion Cubic Feet	Petroleum						Hydro-electric Power ^{e,i} Million kWh	Biomass		Geo-thermal ^f	Solar ^{f,i} Million kWh	Electricity ^j Million kWh	End Use ^{f,k}	Electrical System Energy Losses ^j	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						
1960	7,904	109	2,511	708	382	2,014	3,765	9,380	26	---	---	---	NA	8,966	---	---	---
1965	8,774	132	1,962	1,020	372	945	5,317	9,615	25	---	---	---	NA	13,636	---	---	---
1970	11,177	171	2,833	1,696	204	1,611	6,026	12,370	25	---	---	---	NA	18,041	---	---	---
1975	9,288	156	4,475	1,846	198	5,814	6,805	19,138	25	---	---	---	NA	20,473	---	---	---
1980	7,221	171	3,856	1,857	104	3,787	7,619	16,724	24	---	---	---	NA	20,708	---	---	---
1985	5,476	138	2,597	1,031	507	96	7,185	11,415	24	---	---	---	NA	24,179	---	---	---
1990	5,525	156	4,580	901	443	444	6,919	13,287	0	---	---	---	0	27,618	---	---	---
1995	5,543	218	4,397	1,670	674	504	7,472	14,716	0	---	---	---	0	32,847	---	---	---
2000	4,415	216	2,938	1,548	443	1,338	7,445	13,712	0	---	---	---	0	35,034	---	---	---
2001	3,877	168	3,212	2,481	1,002	796	7,462	14,953	0	---	---	---	0	31,949	---	---	---
2002	3,523	174	3,281	1,290	1,068	1,871	7,901	15,410	0	---	---	---	0	32,615	---	---	---
2003	3,703	173	7,025	1,030	1,133	274	8,053	17,515	0	---	---	---	0	34,017	---	---	---
2004	3,824	179	6,823	997	1,278	431	9,687	19,216	0	---	---	---	0	35,595	---	---	---
2005	3,570	166	6,488	794	1,207	747	10,447	19,682	0	---	---	---	0	36,279	---	---	---
2006	3,358	168	5,571	957	1,295	766	10,178	18,767	0	---	---	---	0	36,281	---	---	---
2007	3,189	168	4,899	1,459	1,122	814	9,031	17,326	0	---	---	---	0	35,172	---	---	---
2008	3,141	160	5,505	722	1,014	1,034	8,875	17,149	0	---	---	---	0	35,930	---	---	---
2009	2,316	148	4,173	532	994	320	6,004	12,022	0	---	---	---	0	29,437	---	---	---
2010	2,685	162	3,852	650	658	711	6,053	11,823	R	---	---	---	0	32,350	---	---	---
2011	2,519	171	4,114	R 522	637	1,065	6,181	12,520	0	---	---	---	0	33,735	---	---	---
2012	2,674	191	5,229	R 596	487	775	6,084	R 13,170	0	---	---	---	0	33,751	---	---	---
2013	2,834	199	4,005	R 525	508	305	5,291	R 10,634	0	---	---	---	0	33,870	---	---	---
2014	3,234	204	3,447	R 471	520	349	5,095	R 9,882	0	---	---	---	0	34,635	---	---	---
2015	2,554	204	3,781	R 433	844	550	5,190	R 10,798	0	---	---	---	(s)	33,499	---	---	---
2016	2,358	209	3,964	R 401	855	955	5,271	R 11,445	0	---	---	---	(s)	32,535	---	---	---
2017	2,263	211	3,557	R 463	861	739	5,514	R 11,134	0	---	---	---	(s)	33,317	---	---	---
2018	2,174	232	3,965	R 403	885	448	5,144	R 10,845	0	---	---	---	1	33,717	---	---	---
2019	1,781	230	3,504	R 498	876	572	5,014	R 10,464	0	---	---	---	1	32,603	---	---	---
2020	1,325	R 221	3,810	R 510	882	405	5,150	R 10,757	0	---	---	---	1	30,757	---	---	---
2021	1,444	244	3,717	728	869	596	5,046	10,957	0	---	---	---	1	32,156	---	---	---

Trillion Btu																	
1960	209.9	112.8	14.6	2.7	2.0	12.7	23.8	55.7	0.3	23.6	NA	NA	NA	30.6	432.8	75.7	508.5
1965	232.0	136.0	11.4	3.9	2.0	5.9	33.5	56.7	0.3	32.1	NA	NA	NA	46.5	503.5	111.1	614.6
1970	291.4	176.5	16.5	6.2	1.1	10.1	37.9	71.8	0.3	41.9	NA	NA	NA	61.6	643.4	148.9	792.3
1975	238.8	160.0	26.1	6.5	1.0	36.6	42.4	112.6	0.3	46.8	NA	NA	NA	69.9	628.3	167.6	795.9
1980	187.0	176.3	19.6	6.5	0.5	23.8	47.3	97.7	0.2	124.3	NA	NA	NA	91.1	676.6	218.9	895.6
1985	140.4	143.0	15.1	3.5	2.7	0.6	45.6	67.5	0.2	145.6	0.0	NA	NA	82.5	579.2	188.9	768.2
1990	143.3	160.0	26.7	3.1	2.3	2.8	44.1	79.0	0.0	100.9	0.0	0.0	0.0	94.2	577.2	212.4	789.7
1995	144.1	224.7	25.6	5.8	3.2	47.9	85.9	85.9	0.0	187.7	0.0	0.0	0.0	112.1	754.5	239.1	993.7
2000	116.7	225.2	17.1	5.3	2.3	8.4	47.8	80.9	0.0	193.0	0.0	(s)	0.0	119.5	735.3	255.1	990.4
2001	102.1	173.6	18.7	8.5	5.2	5.0	47.2	84.6	0.0	155.2	0.0	(s)	0.0	109.0	624.5	224.9	849.5
2002	92.9	178.7	19.1	4.4	5.6	11.8	49.9	90.7	0.0	155.3	0.0	(s)	0.0	111.3	626.8	230.9	857.7
2003	97.8	178.4	10.9	3.6	8.9	1.7	50.9	102.9	0.0	145.4	0.0	(s)	0.0	116.1	640.6	237.0	877.6
2004	100.5	183.5	39.7	3.4	6.6	2.7	62.1	114.6	0.0	174.1	0.0	(s)	0.0	121.5	694.1	247.8	942.0
2005	90.4	171.1	37.7	2.7	6.3	4.7	66.8	118.2	0.0	169.3	0.0	(s)	0.0	123.8	672.9	258.1	931.0
2006	85.4	172.7	32.3	3.3	6.7	4.8	64.7	111.8	0.0	185.7	0.0	(s)	0.0	123.8	679.4	253.8	933.2
2007	81.4	172.5	28.3	4.9	5.8	5.1	57.1	101.2	0.0	178.2	0.0	(s)	0.0	123.4	656.9	258.8	915.7
2008	80.7	164.0	31.8	2.4	5.2	6.5	56.1	102.1	0.0	163.3	0.0	(s)	0.0	119.4	629.6	246.5	876.1
2009	59.6	152.1	24.1	1.8	5.1	2.0	37.4	70.3	0.0	129.5	0.0	(s)	0.0	100.4	512.0	199.2	711.2
2010	68.8	164.1	22.2	2.1	3.3	4.5	37.7	69.8	0.0	143.8	0.0	(s)	0.0	110.4	557.0	217.2	774.2
2011	65.0	173.5	23.7	2.0	3.2	6.7	38.5	74.2	0.0	156.9	0.0	(s)	0.0	115.1	R 584.6	219.5	804.1
2012	72.9	193.8	30.2	2.3	2.5	4.9	37.9	77.7	0.0	160.6	0.0	(s)	0.0	115.2	620.2	215.4	835.6
2013	76.4	202.0	23.1	2.0	2.6	1.9	33.0	R 62.6	0.0	174.6	0.0	(s)	0.0	115.6	631.3	219.1	850.5
2014	87.3	207.9	19.9	1.8	2.6	2.2	31.8	R 58.3	0.0	164.5	0.0	(s)	0.0	118.2	636.3	224.8	861.1
2015	69.5	209.6	21.8	1.7	4.3	3.5	32.4	R 63.5	0.0	157.9	0.0	(s)	0.0	114.3	R 614.8	208.8	823.7
2016	64.6	214.1	22.9	R 1.5	4.3	6.0	33.4	R 65.1	0.0	156.9	0.0	(s)	0.0	111.0	614.8	198.9	813.7
2017	62.8	216.7	20.5	1.8	4.4	4.6	34.6	65.9	0.0	162.3	0.0	(s)	0.0	113.7	621.4	R 206.3	R 827.7
2018	59.9	238.8	22.8	R 1.5	4.5	2.8	32.3	R 63.9	0.0	162.7	0.0	(s)	0.0	115.0	R 640.4	R 205.6	R 846.0
2019	48.8	236.4	20.2	R 1.9	4.4	3.6	31.4	R 61.5	0.0	163.2	0.0	(s)	0.0	111.2	R 621.2	R 198.9	R 820.1
2020	36.7	R 227.3	21.9	2.0	4.5	2.5	32.3	R 63.2	0.0	158.3	0.0	(s)	0.0	104.9	R 590.6	R 184.6	R 775.2
2021	39.5	251.6	21.4	2.8	4.4	3.7	31.8	64.1	0.0	164.8	0.0	(s)	0.0	109.7	629.9	195.5	825.4

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