

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

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum							Hydro-electric power ^{g,h} Million kilowatt-hours	Biomass			Solar ^{h,k}	Electricity ^l Million kilowatt-hours	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	Geo-thermal ^h					
1960	8,314	175	5,393	3,211	1,126	24,578	4,292	4,898	43,498	26	--	--	--	--	15,485	--	--	--
1970	11,322	283	8,486	7,583	1,799	37,003	3,290	7,458	65,619	25	--	--	--	--	34,713	--	--	--
1980	7,449	268	15,059	4,949	2,048	44,296	7,296	8,728	82,377	24	--	--	--	--	50,367	--	--	--
1990	5,630	240	21,447	4,160	1,899	49,199	3,915	7,581	88,200	0	--	--	--	--	59,926	--	--	--
2000	4,468	311	24,138	7,381	2,348	57,162	4,229	8,090	103,349	0	--	--	--	--	83,524	--	--	--
2005	3,571	248	29,619	3,007	2,466	62,866	1,778	11,044	110,780	0	--	--	--	--	89,202	--	--	--
2006	3,383	246	29,862	3,371	2,313	63,465	2,258	10,772	112,042	0	--	--	--	--	90,678	--	--	--
2007	3,190	243	29,135	3,925	2,321	64,300	2,161	9,614	111,458	0	--	--	--	--	91,828	--	--	--
2008	3,141	240	26,158	3,627	2,169	62,517	2,162	9,345	105,979	0	--	--	--	--	89,707	--	--	--
2009	2,316	227	24,031	3,217	1,744	62,614	1,126	6,421	99,154	0	--	--	--	--	82,845	--	--	--
2010	2,685	253	25,411	3,455	2,131	63,265	1,640	6,634	102,535	0	--	--	--	--	90,863	--	--	--
2011	2,519	256	26,752	2,779	2,395	61,385	2,124	6,739	102,175	0	--	--	--	--	88,995	--	--	--
2012	2,674	265	27,017	2,262	2,289	60,653	1,823	6,586	100,629	0	--	--	--	--	86,183	--	--	--
2013	2,834	282	25,068	2,372	2,016	61,223	1,105	5,798	97,580	0	--	--	--	--	87,852	--	--	--
2014	3,234	289	24,708	2,370	2,051	61,205	1,229	5,623	97,185	0	--	--	--	--	90,494	--	--	--
2015	2,554	284	26,541	2,338	1,958	63,872	1,088	5,777	101,575	0	--	--	--	--	88,846	--	--	--
2016	2,358	282	29,309	2,238	1,841	65,767	1,899	5,865	106,919	0	--	--	--	--	88,225	--	--	--
2017	2,263	281	28,350	2,237	2,034	64,822	1,758	6,035	105,236	0	--	--	--	--	86,242	--	--	--
2018	2,174	319	27,019	2,478	2,018	64,505	1,148	5,623	102,792	0	--	--	--	--	90,280	--	--	--
2019	1,781	309	27,048	2,661	2,134	66,636	1,137	5,505	105,120	0	--	--	--	--	88,095	--	--	--
2020	1,325	297	26,518	2,632	1,548	67,450	824	5,626	104,599	0	--	--	--	--	83,396	--	--	--
2021	1,444	327	27,961	2,657	1,696	76,272	1,371	5,977	115,934	0	--	--	--	--	85,585	--	--	--
2022	1,221	310	27,224	2,605	1,699	76,229	1,405	6,102	115,265	0	--	--	--	--	87,028	--	--	--

Trillion Btu																		
1960	220.1	181.0	31.4	12.3	6.1	129.1	27.0	30.2	236.0	R 0.1	45.7	NA	NA	NA	52.8	R 735.8	R 106.5	R 842.3
1970	294.9	291.8	49.4	28.8	9.9	194.4	20.7	46.0	349.2	R 0.1	52.4	NA	NA	NA	118.4	R 1,106.8	R 242.6	R 1,349.4
1980	192.5	276.8	87.7	18.4	11.3	232.7	45.9	53.6	449.6	R 0.1	141.0	NA	NA	NA	171.9	R 1,231.9	R 365.6	R 1,597.4
1990	145.9	246.8	124.9	15.6	10.6	258.4	24.6	48.0	482.1	0.0	117.7	0.0	(s)	0.1	204.5	1,198.4	R 401.0	R 1,599.4
2000	118.0	325.1	140.5	27.7	13.3	297.3	26.6	51.6	557.0	0.0	200.5	0.0	0.1	0.1	285.0	1,485.8	R 579.3	R 2,065.1
2005	90.5	255.8	172.3	11.2	14.0	326.4	11.2	70.3	605.4	0.0	174.7	0.0	0.1	0.1	304.4	1,431.0	R 587.9	R 2,018.9
2006	86.0	252.3	173.3	12.5	13.1	329.1	14.2	68.2	610.4	0.0	190.4	0.0	0.1	0.1	309.4	1,449.3	R 601.6	R 2,050.9
2007	81.5	249.1	168.5	14.4	13.2	330.6	13.6	60.5	600.8	0.0	183.5	(s)	0.1	0.1	313.3	1,429.2	R 638.3	R 2,067.5
2008	80.7	245.4	151.2	13.6	12.3	319.2	13.6	58.9	568.8	0.0	169.1	(s)	0.1	0.1	306.1	1,371.0	R 605.5	R 1,976.6
2009	59.6	233.6	138.8	12.1	9.9	318.7	7.1	39.8	526.4	0.0	137.1	(s)	0.1	0.1	282.7	1,239.5	R 510.8	R 1,750.3
2010	68.8	257.0	146.7	13.3	12.1	320.6	10.3	41.1	544.1	0.0	151.9	0.0	0.1	0.1	310.0	1,332.0	R 574.5	R 1,906.5
2011	65.0	259.9	154.4	10.7	13.6	310.8	13.4	41.8	544.6	0.0	164.7	0.0	0.1	0.1	303.7	1,338.0	R 544.7	R 1,882.7
2012	72.9	269.7	155.8	8.7	13.0	307.0	11.5	40.9	536.8	0.0	167.2	(s)	0.1	0.1	294.1	1,340.9	R 522.3	R 1,863.2
2013	76.4	286.1	144.5	9.1	11.4	309.8	6.9	36.1	517.8	0.0	183.1	(s)	0.1	0.1	299.8	1,363.4	R 518.8	R 1,882.2
2014	87.3	295.5	142.4	9.1	11.6	309.6	7.7	35.0	515.4	0.0	173.1	(s)	0.1	0.1	308.8	1,380.3	R 549.7	R 1,930.0
2015	69.5	291.5	152.9	9.0	11.1	323.0	6.8	35.8	538.7	0.0	160.3	(s)	0.1	0.1	303.1	1,363.4	R 517.5	R 1,880.9
2016	64.6	289.4	168.7	8.6	10.4	332.5	11.9	36.9	569.1	0.0	159.0	(s)	0.1	0.1	301.0	1,383.3	R 512.2	R 1,895.6
2017	62.8	289.2	163.2	8.6	11.5	327.5	11.0	37.7	559.7	0.0	164.1	(s)	0.1	0.1	294.3	1,370.3	R 497.6	R 1,867.9
2018	59.9	328.0	155.6	9.5	11.4	326.0	7.2	35.1	544.9	0.0	165.1	(s)	0.1	R 0.1	308.0	R 1,406.1	R 506.7	R 1,912.8
2019	48.8	318.1	155.8	10.2	12.1	336.6	7.1	34.3	556.2	0.0	165.5	(s)	0.1	R 0.1	300.6	R 1,389.4	R 494.4	R 1,883.7
2020	36.7	306.3	152.6	10.1	8.8	340.8	5.2	35.1	552.6	0.0	R 159.8	(s)	0.1	R 0.1	284.5	R 1,340.3	R 452.7	R 1,793.0
2021	39.5	R 337.5	R 161.2	10.2	9.6	385.2	8.6	R 37.1	R 611.8	0.0	R 166.4	(s)	0.1	R 0.1	292.0	R 1,447.6	R 477.7	R 1,925.3
2022	33.1	318.8	156.9	10.0	9.6	384.9	8.8	37.9	608.2	0.0	162.9	(s)	0.1	0.1	296.9	1,420.3	483.0	1,903.3

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