

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

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	136	8	280	2,582	31	1,126	396	23,869	2,278	30,562	0	--	--	--
1965	29	12	446	3,090	43	1,156	430	28,220	1,608	34,993	0	--	--	--
1970	18	20	349	5,353	98	1,799	421	36,408	1,679	46,107	0	--	--	--
1975	2	17	249	9,087	87	1,707	609	44,523	7,039	63,300	0	--	--	--
1980	0	16	248	11,049	46	2,048	486	43,934	3,506	61,318	0	--	--	--
1985	0	11	172	10,899	161	3,516	442	42,718	1,640	59,548	0	--	--	--
1990	0	15	116	16,110	96	1,899	497	48,498	2,865	70,082	0	--	--	--
1995	0	20	97	18,421	93	3,843	475	54,756	2,603	80,288	(s)	--	--	--
2000	0	23	83	20,440	40	2,348	507	56,678	2,891	82,986	0	--	--	--
2005	0	15	77	22,368	74	2,466	428	61,615	1,022	88,049	0	--	--	--
2006	0	15	118	22,750	80	2,313	417	62,125	1,492	89,293	0	--	--	--
2007	0	16	116	22,963	55	2,321	430	63,133	1,346	90,365	0	--	--	--
2008	0	16	61	19,652	122	2,169	399	61,459	1,128	84,991	0	--	--	--
2009	0	19	45	18,784	83	1,744	359	61,576	806	83,397	0	--	--	--
2010	0	22	74	20,300	36	2,131	490	62,563	928	86,523	0	--	--	--
2011	0	23	70	21,417	38	2,395	474	60,703	1,059	86,157	0	--	--	--
2012	0	26	66	20,648	37	2,289	432	60,122	1,048	84,642	0	--	--	--
2013	0	22	51	20,312	45	2,016	451	60,669	800	84,343	0	--	--	--
2014	0	19	56	20,567	42	2,051	466	60,640	880	84,704	0	--	--	--
2015	0	22	62	21,988	65	1,958	519	62,002	538	87,130	0	--	--	--
2016	0	21	62	24,484	78	1,841	525	63,600	945	91,535	0	--	--	--
2017	0	21	63	23,938	5	R 2,034	473	62,909	1,019	90,440	0	--	--	--
2018	0	25	68	22,182	21	R 2,012	427	62,509	688	R 87,906	0	--	--	--
2019	0	24	71	22,738	42	R 2,126	423	64,639	565	R 90,604	0	--	--	--
2020	0	26	63	22,062	34	R 1,540	410	65,439	408	R 89,957	0	--	--	--
2021	0	25	73	23,403	39	R 1,693	453	74,260	771	R 101,048	0	--	--	--
2022	0	30	76	R 22,748	48	R 1,693	R 469	73,415	790	R 99,565	0	--	--	--
2023	0	26	72	22,215	49	1,972	339	73,003	656	98,778	0	--	--	--
Trillion Btu														
1960	3.4	7.9	1.4	15.0	0.1	6.1	2.4	125.4	14.3	164.7	0.0	176.0	0.0	176.0
1965	0.7	12.4	2.3	18.0	0.2	6.2	2.6	148.2	10.1	187.6	0.0	200.7	0.0	200.7
1970	0.4	20.5	1.8	31.2	0.4	9.9	2.6	191.3	10.6	247.6	0.0	268.5	0.0	268.5
1975	(s)	17.3	1.3	52.9	0.3	9.4	3.7	233.9	44.3	345.8	0.0	363.1	0.0	363.1
1980	0.0	17.0	1.3	64.4	0.2	11.3	2.9	230.8	22.0	332.9	0.0	349.9	0.0	349.9
1985	0.0	11.5	0.9	63.5	0.6	19.7	2.7	224.4	10.3	322.1	0.0	334.8	0.0	334.8
1990	0.0	15.1	0.6	93.8	0.4	10.6	3.0	254.8	18.0	381.1	0.0	397.8	0.0	397.8
1995	0.0	20.7	0.5	107.2	0.4	21.8	2.9	285.0	16.4	434.0	(s)	454.7	(s)	454.7
2000	0.0	23.7	0.4	118.9	0.2	13.3	3.1	294.8	18.2	448.9	0.0	472.5	0.0	472.5
2005	0.0	15.6	0.4	130.1	0.3	14.0	2.6	319.9	6.4	473.7	0.0	489.5	0.0	489.5
2006	0.0	15.4	0.6	132.0	0.3	13.1	2.5	322.1	9.4	480.1	0.0	496.1	0.0	496.1
2007	0.0	16.2	0.6	132.8	0.2	13.2	2.6	324.6	8.5	482.5	0.0	499.5	0.0	499.5
2008	0.0	16.9	0.3	113.6	0.5	12.3	2.4	313.8	7.1	450.0	0.0	R 467.6	0.0	R 467.6
2009	0.0	19.4	0.2	108.5	0.3	9.9	2.2	313.4	5.1	439.6	0.0	R 459.0	0.0	R 459.0
2010	0.0	22.6	0.4	117.2	0.1	12.1	3.0	317.0	5.8	455.6	0.0	R 478.2	0.0	R 478.2
2011	0.0	23.7	0.4	R 123.5	0.1	13.6	2.9	307.3	6.7	R 454.5	0.0	478.2	0.0	478.2
2012	0.0	26.0	0.3	119.1	0.1	13.0	2.6	304.3	6.6	R 446.0	0.0	R 472.0	0.0	R 472.0
2013	0.0	22.7	0.3	R 117.0	0.2	11.4	2.7	307.0	5.0	R 443.6	0.0	R 466.3	0.0	R 466.3
2014	0.0	19.6	0.3	118.5	0.2	11.6	2.8	306.8	5.5	445.7	0.0	465.3	0.0	465.3
2015	0.0	22.4	0.3	126.7	0.2	11.1	3.1	313.5	3.4	458.4	0.0	480.8	0.0	480.8
2016	0.0	22.0	0.3	R 140.9	0.3	10.4	3.2	321.5	5.9	482.6	0.0	R 504.5	0.0	R 504.5
2017	0.0	21.9	0.3	137.8	(s)	11.5	2.9	317.9	6.4	476.8	0.0	498.7	0.0	498.7
2018	0.0	26.2	0.3	127.7	0.1	11.4	2.6	315.9	4.3	462.4	0.0	R 488.6	0.0	R 488.6
2019	0.0	24.6	0.4	130.9	0.2	R 8.7	2.5	326.6	3.6	R 476.2	0.0	R 500.8	0.0	R 500.8
2020	0.0	26.3	0.3	127.0	0.1	8.7	2.6	330.6	2.6	R 471.8	0.0	R 498.1	0.0	R 498.1
2021	0.0	25.9	0.4	134.9	0.2	9.6	2.7	375.0	4.8	R 529.6	0.0	R 555.4	0.0	R 555.4
2022	0.0	30.7	0.4	R 131.2	0.2	9.6	2.8	370.7	5.0	R 521.6	0.0	R 552.3	0.0	R 552.3
2023	0.0	26.6	0.4	128.1	0.2	11.2	2.1	368.6	4.1	517.1	0.0	543.7	0.0	543.7

^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/>