

Table CT5. Commercial sector energy consumption estimates, selected years, 1960-2022, Arizona

Year	Coal Thousand short tons	Natural gas ^a Billion cubic feet	Petroleum					Hydro-electric power ^{e,f} Million kilowatthours	Biomass Wood and waste ^g	Geothermal ^f	Solar ^{f,h} Million kilowatthours	Electricity ⁱ Million kilowatthours	End use ^{f,j}	Electrical system energy losses ^k	Total ^{f,j}	
			Distillate fuel oil	HGL ^b	Kerosene	Motor gasoline ^c	Residual fuel oil									Total ^d
			Thousand barrels													
1960	0	25	106	113	0	89	39	348	NA	--	NA	3,302	--	--	--	
1965	0	19	131	207	2	137	17	494	NA	--	NA	3,044	--	--	--	
1970	0	23	220	239	12	146	31	648	NA	--	NA	4,690	--	--	--	
1975	0	33	485	154	14	177	83	913	NA	--	NA	7,162	--	--	--	
1980	0	27	280	187	0	179	0	647	NA	--	NA	9,122	--	--	--	
1985	1	25	463	272	2	140	(s)	877	NA	--	NA	12,295	--	--	--	
1990	(s)	28	456	220	2	257	0	935	0	--	(s)	16,058	--	--	--	
1995	4	28	354	276	1	35	0	667	0	--	(s)	18,562	--	--	--	
2000	(s)	32	867	356	3	37	0	1,263	0	--	(s)	24,311	--	--	--	
2005	1	32	473	229	2	40	0	744	0	--	1	27,468	--	--	--	
2006	1	33	458	206	2	43	0	711	0	--	2	28,626	--	--	--	
2007	1	33	641	212	2	45	0	900	0	--	3	30,475	--	--	--	
2008	0	33	1,226	428	(s)	45	0	1,699	0	--	8	30,162	--	--	--	
2009	0	32	868	215	1	113	0	1,197	0	--	16	29,386	--	--	--	
2010	0	32	1,200	309	1	146	0	1,655	0	--	55	28,943	--	--	--	
2011	0	33	1,166	377	(s)	126	0	1,669	0	--	204	29,512	--	--	--	
2012	0	32	1,145	351	(s)	109	0	1,606	0	--	304	29,692	--	--	--	
2013	0	33	1,017	384	(s)	126	0	1,527	0	--	436	30,039	--	--	--	
2014	0	30	1,025	455	(s)	43	0	1,524	0	--	506	29,290	--	--	--	
2015	0	31	1,089	427	(s)	1,789	0	3,305	0	--	524	29,284	--	--	--	
2016	0	34	869	631	(s)	1,789	0	3,288	0	--	493	29,564	--	--	--	
2017	0	31	873	646	(s)	1,804	0	3,324	0	--	659	29,681	--	--	--	
2018	0	32	787	629	(s)	1,834	0	3,250	0	--	744	29,684	--	--	--	
2019	0	35	684	900	(s)	1,844	0	3,429	0	--	776	29,415	--	--	--	
2020	0	32	593	880	(s)	1,857	0	3,330	0	--	862	29,128	--	--	--	
2021	0	33	R 930	941	(s)	1,875	0	R 3,746	0	--	953	29,990	--	--	--	
2022	0	36	1,038	855	(s)	1,965	0	3,859	0	--	871	31,507	--	--	--	

Trillion Btu

1960	0.0	26.2	0.6	0.4	0.0	0.5	0.2	1.8	NA	0.1	NA	11.3	39.3	R 22.7	R 62.0	
1965	0.0	20.7	0.8	0.8	(s)	0.7	0.1	2.4	NA	(s)	NA	10.4	33.5	R 20.4	R 54.0	
1970	0.0	24.0	1.3	0.9	0.1	0.8	0.2	3.2	NA	0.1	NA	16.0	43.3	R 32.8	R 76.1	
1975	0.0	34.3	2.8	0.6	0.1	0.9	0.5	4.9	NA	0.1	NA	24.4	63.7	R 49.9	R 113.6	
1980	0.0	28.7	1.6	0.7	0.0	0.9	0.0	3.3	NA	0.2	NA	31.1	63.4	R 66.2	R 129.6	
1985	(s)	26.5	2.7	1.0	(s)	0.7	(s)	4.5	NA	0.4	NA	41.9	73.3	R 85.2	R 158.6	
1990	(s)	29.3	2.7	0.8	(s)	1.3	0.0	4.9	0.0	0.9	(s)	54.8	89.9	R 111.9	R 201.7	
1995	0.1	29.3	2.1	1.1	(s)	0.2	0.0	3.3	0.0	1.1	(s)	63.3	97.2	R 129.8	R 226.9	
2000	(s)	32.5	5.0	1.4	(s)	0.2	0.0	6.6	0.0	1.7	(s)	82.9	123.7	R 173.9	R 297.7	
2005	(s)	32.6	2.8	0.9	(s)	0.2	0.0	3.8	0.0	1.4	0.1	93.7	131.7	R 178.9	R 310.5	
2006	(s)	33.4	2.7	0.8	(s)	0.2	0.0	3.7	0.0	1.3	0.1	97.7	R 136.1	R 183.7	R 319.9	
2007	(s)	33.5	3.7	0.8	(s)	0.2	0.0	4.8	0.0	1.4	(s)	104.0	R 143.7	R 185.4	R 329.2	
2008	0.0	33.4	7.1	1.6	(s)	0.2	0.0	9.0	0.0	1.4	(s)	R 102.9	R 146.8	R 182.8	R 329.6	
2009	0.0	32.8	5.0	0.8	(s)	0.6	0.0	6.4	0.0	0.5	(s)	R 0.1	100.3	R 140.0	R 321.4	
2010	0.0	32.5	6.9	1.2	(s)	0.7	0.0	8.9	0.0	0.5	(s)	R 0.2	98.8	R 140.8	R 321.8	
2011	0.0	33.1	6.7	1.4	(s)	0.6	0.0	8.8	0.0	0.5	(s)	R 0.7	100.7	R 143.8	R 328.9	
2012	0.0	32.2	6.6	1.3	(s)	0.6	0.0	8.5	0.0	0.4	(s)	R 1.0	101.3	R 143.5	R 327.5	
2013	0.0	33.7	5.9	1.5	(s)	0.6	0.0	8.0	0.0	0.4	(s)	R 1.5	102.5	R 146.1	R 333.0	
2014	0.0	31.4	5.9	1.7	(s)	0.2	0.0	7.9	0.0	0.4	(s)	R 1.7	99.9	R 141.4	R 323.0	
2015	0.0	31.9	6.3	1.6	(s)	0.9	0.0	17.0	0.0	0.6	(s)	R 1.8	99.9	R 151.2	R 327.7	
2016	0.0	35.4	5.0	2.4	(s)	0.9	0.0	16.5	0.0	0.6	(s)	R 1.7	100.9	R 155.1	R 330.1	
2017	0.0	32.6	5.0	2.5	(s)	0.9	0.0	16.6	0.0	0.6	(s)	R 2.2	101.3	R 153.4	R 330.3	
2018	0.0	33.1	4.5	2.4	(s)	0.9	0.0	16.2	0.0	R 0.6	(s)	R 2.5	101.3	R 153.8	R 327.6	
2019	0.0	35.8	3.9	3.5	(s)	0.9	0.0	16.7	0.0	0.8	(s)	R 2.6	100.4	R 156.3	R 325.5	
2020	0.0	32.5	3.4	3.4	(s)	0.9	0.0	16.2	0.0	0.7	(s)	R 2.9	99.4	R 151.7	R 310.6	
2021	0.0	34.4	5.4	3.6	(s)	0.9	0.0	R 18.4	0.0	0.7	(s)	R 3.3	102.3	R 159.2	R 317.9	
2022	0.0	36.8	6.0	3.3	(s)	0.9	0.0	19.2	0.0	0.8	(s)	3.0	107.5	167.3	169.8	337.1

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

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

^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 small amounts of petroleum coke not shown separately.

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

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. 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.

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