

**Table CT3. Total End-Use Sector Energy Consumption Estimates, Selected Years, 1960-2021, Arizona**

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum							Hydro-electric Power <sup>g,h</sup> Million Kilowatt-hours	Biomass		Geo-thermal <sup>h</sup>	Solar <sup>h,k</sup>	Electricity <sup>l</sup> Million Kilowatt-hours	End Use <sup>h,m</sup>	Electrical System Energy Losses <sup>n</sup>	Total <sup>h,m</sup>
			Distillate Fuel Oil <sup>b</sup>	HGL <sup>c</sup>	Jet Fuel <sup>d</sup>	Motor Gasoline <sup>e</sup>	Residual Fuel Oil	Other <sup>f</sup>	Total		Wood and Waste <sup>h,i</sup>	Losses and Co-products <sup>j</sup>						
1960	10	82	2,785	724	4,721	12,363	84	1,901	22,578	0	--	--	--	6,138	--	--	--	
1970	5	134	4,897	1,304	6,644	21,542	86	4,615	39,088	13	--	--	--	13,769	--	--	--	
1980	643	116	10,333	1,589	7,967	30,589	154	3,097	53,728	15	--	--	--	26,762	--	--	--	
1990	660	102	11,170	1,508	8,501	39,326	18	3,335	63,859	0	--	--	--	41,470	--	--	--	
2000	720	110	19,567	1,660	10,433	56,431	23	4,479	92,594	0	--	--	--	61,130	--	--	--	
2005	720	104	25,853	1,395	8,018	67,483	21	5,454	108,224	0	--	--	--	69,391	--	--	--	
2006	741	110	26,708	1,567	7,721	69,307	17	4,998	110,317	0	--	--	--	73,253	--	--	--	
2007	713	113	26,245	1,569	6,612	70,010	22	4,931	109,389	0	--	--	--	77,193	--	--	--	
2008	628	115	25,946	2,524	6,763	65,760	0	4,309	105,301	0	--	--	--	76,268	--	--	--	
2009	431	108	23,868	2,057	4,686	63,417	0	3,560	97,588	0	--	--	--	73,433	--	--	--	
2010	536	106	24,838	2,074	12,762	63,127	0	4,054	106,855	0	--	--	--	72,833	--	--	--	
2011	503	108	26,044	2,351	13,106	62,068	6	4,131	107,706	0	--	--	--	74,944	--	--	--	
2012	418	103	25,177	1,706	12,830	61,513	0	3,675	104,901	0	--	--	--	75,063	--	--	--	
2013	181	109	25,214	1,969	12,965	62,910	0	3,487	106,545	0	--	--	--	75,662	--	--	--	
2014	221	101	24,680	2,058	13,205	63,340	0	3,566	106,850	0	--	--	--	76,298	--	--	--	
2015	235	103	24,503	1,966	13,327	66,657	0	3,678	110,131	0	--	--	--	77,349	--	--	--	
2016	175	105	25,752	2,256	13,287	68,984	0	3,877	114,156	0	--	--	--	78,238	--	--	--	
2017	227	97	26,274	2,204	13,887	69,377	0	3,766	115,508	0	--	--	--	77,646	--	--	--	
2018	280	100	26,442	2,423	13,435	70,764	0	3,879	116,943	0	--	--	--	78,346	--	--	--	
2019	282	113	27,879	2,805	13,959	71,328	0	4,174	120,144	0	--	--	--	77,929	--	--	--	
2020	277	111	27,964	2,585	13,816	63,610	0	3,873	107,848	0	--	--	--	81,960	--	--	--	
2021	273	112	29,791	2,742	12,715	69,780	0	4,505	119,533	0	--	--	--	81,220	--	--	--	

Trillion Btu																		
1960	0.2	85.2	16.2	2.8	25.3	64.9	0.5	11.3	121.1	0.0	3.8	NA	NA	NA	20.9	231.2	51.8	283.0
1970	0.1	142.0	28.5	5.0	36.4	113.2	0.5	29.6	213.2	0.1	4.3	NA	NA	NA	47.0	406.7	113.7	520.4
1980	13.1	121.4	60.2	5.9	43.9	160.7	1.0	19.6	291.3	0.2	17.8	NA	NA	NA	91.3	535.1	219.4	754.5
1990	13.3	105.8	65.1	5.6	47.3	206.6	0.1	21.4	346.0	0.0	13.7	0.0	0.2	3.6	141.5	624.1	326.1	950.2
2000	16.0	110.7	113.9	6.3	59.2	293.5	0.1	28.8	501.8	0.0	11.9	0.0	0.3	3.3	208.6	852.6	479.9	1,332.4
2005	16.0	106.5	150.4	5.3	45.5	350.4	0.1	35.5	587.1	0.0	10.7	0.0	0.3	2.4	236.8	960.0	483.2	1,443.2
2006	16.3	112.0	155.0	5.9	43.8	359.4	0.1	32.4	596.5	0.0	9.9	0.0	0.3	2.5	249.9	987.8	504.0	1,491.8
2007	15.3	115.7	151.8	5.8	37.5	360.0	0.1	32.0	587.2	0.0	10.9	1.6	0.3	2.7	263.4	997.5	500.7	1,498.2
2008	12.9	118.4	150.0	9.5	38.3	335.8	0.0	27.8	561.4	0.0	11.9	3.0	0.4	3.0	260.2	971.5	494.0	1,465.5
2009	8.7	109.8	137.9	7.7	26.6	322.8	0.0	23.0	518.0	0.0	4.6	3.0	0.3	3.3	250.6	898.3	481.7	1,380.0
2010	10.8	108.3	143.4	8.0	72.4	319.9	0.0	26.1	569.7	0.0	5.2	2.7	0.3	4.3	248.5	949.8	485.0	1,434.7
2011	10.0	109.2	150.3	9.0	74.3	314.2	(s)	26.6	574.5	0.0	3.7	2.6	0.3	6.6	255.7	962.7	513.7	1,476.3
2012	8.7	105.4	145.2	6.6	72.7	311.4	0.0	23.7	559.5	0.0	3.1	1.8	0.3	8.7	256.1	943.8	501.0	1,444.8
2013	4.3	111.9	145.3	7.6	73.5	318.3	0.0	22.3	567.0	0.0	3.9	(s)	0.3	11.5	258.2	957.2	506.9	1,464.1
2014	5.2	104.3	142.2	7.9	74.9	320.4	0.0	22.7	568.1	0.0	4.0	2.4	0.3	13.9	260.3	958.5	515.2	1,473.7
2015	5.4	107.5	141.2	7.6	75.6	337.1	0.0	23.5	584.9	0.0	4.8	2.6	0.3	16.2	263.9	985.6	510.4	1,496.0
2016	4.1	109.4	148.3	8.7	75.3	348.7	0.0	24.8	605.8	0.0	4.1	2.4	0.3	18.3	266.9	1,011.4	513.4	1,524.8
2017	5.3	102.0	151.3	8.5	78.7	350.6	0.0	23.8	612.8	0.0	5.0	2.6	0.3	21.0	264.9	1,013.9	517.7	1,531.6
2018	6.5	104.1	152.3	9.3	76.2	357.6	0.0	24.6	620.0	0.0	6.3	2.6	0.3	24.1	267.3	1,031.2	511.3	1,542.6
2019	6.6	116.5	160.6	10.8	79.1	360.3	0.0	26.5	637.3	0.0	7.6	1.2	0.3	26.4	265.9	1,061.7	495.3	1,557.1
2020	6.5	113.7	161.0	9.9	55.7	321.4	0.0	24.6	572.5	0.0	6.0	0.0	0.3	29.0	279.6	1,007.7	501.1	1,508.8
2021	6.4	115.6	171.7	10.5	72.1	352.4	0.0	28.5	635.2	0.0	6.0	0.0	0.3	33.4	277.1	1,074.0	490.6	1,564.6

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> 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.  
<sup>c</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>d</sup> 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."  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Includes asphalt and road oil, aviation gasoline, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>g</sup> Conventional hydroelectric power. For 1960 through 1989, includes hydroelectric pumped-storage, which cannot be separately identified.  
<sup>h</sup> There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of renewable energy sources beginning in 1989.  
<sup>i</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>j</sup> Losses and co-products from the production of biodiesel and fuel ethanol.  
<sup>k</sup> Solar thermal and photovoltaic energy.

<sup>l</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers.  
<sup>m</sup> 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.  
<sup>n</sup> 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/>