

**ARIZONA** Table CT7. Transportation sector energy consumption estimates, selected years, 1960-2022, Arizona

Year	Coal Thousand short tons	Natural gas <sup>a</sup> Billion cubic feet	Petroleum								Electricity <sup>f</sup> Million kilowatthours	End use <sup>g,h</sup>	Electrical system energy losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation gasoline	Distillate fuel oil <sup>b</sup>	HGL <sup>c</sup>	Jet fuel <sup>d</sup>	Lubricants	Motor gasoline <sup>e</sup>	Residual fuel oil	Total				
			Thousand barrels											
1960	(s)	16	699	1,404	34	4,721	193	11,759	17	18,829	0	--	--	--
1965	(s)	18	478	1,790	40	5,545	206	14,423	0	22,482	0	--	--	--
1970	(s)	24	427	3,192	63	6,644	229	20,940	0	31,494	0	--	--	--
1975	(s)	17	358	4,756	51	6,995	267	27,087	0	39,514	0	--	--	--
1980	0	21	281	6,480	78	7,967	347	30,100	0	45,253	0	--	--	--
1985	0	19	184	7,624	92	7,154	316	35,604	0	50,974	0	--	--	--
1990	0	25	194	7,936	55	8,501	355	38,566	0	55,608	0	--	--	--
1995	0	19	139	11,068	51	7,588	339	46,714	0	65,899	0	--	--	--
2000	0	21	204	14,474	23	10,433	362	56,056	0	81,551	0	--	--	--
2005	0	19	188	20,456	203	8,018	305	66,394	0	95,564	0	--	--	--
2006	0	23	177	21,703	233	7,721	298	68,043	0	98,175	0	--	--	--
2007	0	22	145	21,303	181	6,612	307	68,890	0	97,439	0	--	--	--
2008	0	24	156	18,674	269	6,763	285	64,665	0	90,814	0	--	--	--
2009	0	23	127	18,389	203	4,686	256	62,308	0	85,968	0	--	--	--
2010	0	17	186	18,637	35	12,762	470	62,109	0	94,200	0	--	--	--
2011	0	15	205	19,164	36	13,106	454	61,066	0	94,029	0	--	--	--
2012	0	14	167	18,365	37	12,830	411	60,471	0	92,281	0	--	--	--
2013	0	14	139	18,464	51	12,965	432	61,811	0	93,860	0	--	--	--
2014	0	16	205	18,452	78	13,205	442	62,359	0	94,742	0	--	--	--
2015	0	17	167	18,994	128	13,327	489	63,166	0	96,270	6	--	--	--
2016	0	16	150	19,577	151	13,287	R 477	65,457	0	R 99,099	7	--	--	--
2017	0	14	167	19,643	128	13,887	R 439	65,825	0	R 100,089	8	--	--	--
2018	0	14	191	20,822	107	13,435	R 430	67,174	0	R 102,159	8	--	--	--
2019	0	18	207	21,995	101	13,959	R 424	67,721	0	R 104,405	11	--	--	--
2020	0	18	183	22,087	83	9,816	R 386	59,918	0	R 92,474	11	--	--	--
2021	0	19	168	R 23,512	145	12,715	R 423	66,146	0	R 103,349	11	--	--	--
2022	0	18	174	23,697	82	13,158	450	65,795	0	103,600	10	--	--	--

Trillion Btu

1960	(s)	16.5	3.5	8.2	0.1	25.3	1.2	61.8	0.1	100.2	0.0	116.7	0.0	116.7
1965	(s)	19.4	2.4	10.4	0.2	30.1	1.2	75.8	0.0	120.1	0.0	139.4	0.0	139.4
1970	(s)	25.4	2.2	18.6	0.2	36.4	1.4	110.0	0.0	168.8	0.0	194.1	0.0	194.1
1975	(s)	17.9	1.8	27.7	0.2	38.6	1.6	142.3	0.0	212.2	0.0	230.1	0.0	230.1
1980	0.0	22.3	1.4	37.7	0.3	43.9	2.1	158.1	0.0	243.6	0.0	265.9	0.0	265.9
1985	0.0	19.4	0.9	44.4	0.4	39.4	1.9	187.0	0.0	274.1	0.0	293.4	0.0	293.4
1990	0.0	26.1	1.0	46.2	0.2	47.3	2.2	202.6	0.0	299.5	0.0	325.6	0.0	325.6
1995	0.0	19.3	0.7	64.4	0.2	43.0	2.1	243.1	0.0	353.5	0.0	372.8	0.0	372.8
2000	0.0	21.7	1.0	84.2	0.1	59.2	2.2	291.5	0.0	438.2	0.0	459.9	0.0	459.9
2005	0.0	19.9	0.9	119.0	0.8	45.5	1.9	344.7	0.0	512.8	0.0	532.8	0.0	532.8
2006	0.0	23.0	0.9	125.9	0.9	43.8	1.8	352.8	0.0	526.1	0.0	549.5	0.0	549.5
2007	0.0	23.0	0.7	123.2	0.7	37.5	1.9	354.2	0.0	518.2	0.0	541.7	0.0	541.7
2008	0.0	24.8	0.8	107.9	1.0	38.3	1.7	330.2	0.0	480.0	0.0	505.2	0.0	505.2
2009	0.0	23.4	0.6	106.2	0.8	26.6	1.6	317.1	0.0	452.9	0.0	476.3	0.0	476.3
2010	0.0	17.8	0.9	107.6	0.1	72.4	2.8	314.7	0.0	498.6	0.0	516.4	0.0	516.4
2011	0.0	15.1	1.0	110.6	0.1	74.3	2.8	309.2	0.0	498.0	0.0	513.0	0.0	513.0
2012	0.0	14.4	0.8	105.9	0.1	72.7	2.5	306.1	0.0	488.2	0.0	502.6	0.0	502.6
2013	0.0	14.7	0.7	106.4	0.2	73.5	2.6	312.8	0.0	496.2	0.0	510.9	0.0	510.9
2014	0.0	16.2	1.0	106.3	0.3	74.9	2.7	315.5	0.0	500.7	0.0	516.9	0.0	516.9
2015	0.0	18.2	0.8	109.4	0.5	75.6	3.0	319.4	0.0	508.7	(s)	527.0	(s)	527.0
2016	0.0	16.9	0.8	112.7	0.6	75.3	2.9	330.9	0.0	R 523.2	(s)	540.0	(s)	540.1
2017	0.0	14.9	0.8	113.1	0.5	78.7	R 2.7	332.6	0.0	528.4	(s)	543.3	R (s)	543.4
2018	0.0	14.5	1.0	119.9	0.4	76.2	2.6	339.5	0.0	539.6	(s)	554.1	R (s)	554.2
2019	0.0	18.1	1.0	126.7	0.4	79.1	2.6	342.1	0.0	551.9	(s)	R 570.1	(s)	570.1
2020	0.0	19.0	0.9	127.1	0.3	55.7	2.3	302.7	0.0	489.1	(s)	508.1	(s)	508.2
2021	0.0	19.3	0.8	R 135.5	0.6	72.1	R 2.6	334.0	0.0	R 546.9	(s)	R 566.2	(s)	R 566.3
2022	0.0	18.6	0.9	136.6	0.3	74.6	2.7	332.2	0.0	548.6	(s)	567.3	0.1	567.4

<sup>a</sup> Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.

<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.

<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.

<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 "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.

<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.

<sup>f</sup> 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.

<sup>g</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.

<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.

<sup>i</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.

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