

Table ET5. Industrial sector energy price and expenditure estimates, selected years, 1970-2022, Arizona

Year	Primary energy												Electricity ⁱ	Total energy ^{f,g,h}
	Coal			Natural gas ^a	Petroleum					Biomass	Total ^{f,g,h}			
	Coking coal	Steam coal	Total		Distillate fuel oil	HGL ^b	Motor gasoline ^c	Residual fuel oil	Other ^d	Total		Wood and waste ^{e,f}		
Prices in dollars per million Btu														
1970	—	0.63	0.63	0.41	0.72	1.09	2.80	0.36	0.72	0.86	1.46	0.58	3.56	1.00
1975	—	0.98	0.98	0.72	2.19	2.81	4.62	1.87	2.29	2.39	1.46	1.42	7.16	2.54
1980	—	1.58	1.58	2.57	5.15	5.96	9.68	3.95	4.77	5.20	1.47	3.55	11.39	5.28
1985	—	1.80	1.80	4.25	6.20	10.65	9.06	4.13	5.83	6.40	1.47	3.91	15.05	6.57
1990	—	1.97	1.97	3.59	5.69	9.97	9.22	3.18	4.42	5.50	1.05	4.21	16.36	8.03
1995	—	2.03	2.03	3.67	5.39	10.56	9.66	2.78	4.90	5.59	1.27	4.35	15.42	7.70
2000	—	1.88	1.88	4.74	7.82	12.50	12.20	4.44	4.90	6.59	1.23	5.31	15.45	8.47
2005	—	2.18	2.18	8.34	15.21	20.28	18.74	7.46	6.31	11.23	1.66	9.28	17.14	11.46
2006	—	2.19	2.19	9.72	17.13	22.69	20.70	8.80	7.49	13.05	1.73	10.59	16.68	12.40
2007	—	2.76	2.76	10.23	18.01	26.08	22.22	10.04	8.07	13.78	1.73	11.26	17.72	13.22
2008	—	2.80	2.80	10.20	24.15	31.26	25.89	—	9.11	18.79	1.73	14.94	19.27	16.25
2009	—	2.60	2.60	8.04	14.46	24.69	18.74	—	14.55	15.13	1.73	12.13	19.50	14.49
2010	—	2.73	2.73	7.42	18.73	22.87	22.50	—	16.87	18.45	1.73	14.01	19.44	15.67
2011	—	2.75	2.75	6.77	25.06	28.57	27.70	17.00	18.95	23.13	2.41	17.13	19.21	17.77
2012	—	3.14	3.14	5.66	26.13	19.90	29.11	—	20.16	24.13	2.41	17.44	19.14	17.98
2013	—	2.87	2.87	6.13	25.40	21.02	28.00	—	19.83	23.68	2.41	17.97	19.51	18.48
2014	—	2.94	2.94	7.28	23.95	21.89	27.09	—	19.94	22.78	3.08	17.25	18.94	17.88
2015	—	2.93	2.93	6.49	15.03	12.11	22.25	—	16.62	16.61	3.08	13.08	18.36	15.09
2016	—	2.87	2.87	5.56	12.97	12.32	19.36	—	R 13.21	R 13.94	3.08	11.42	17.78	R 13.78
2017	—	2.86	2.86	6.19	15.45	R 15.73	21.58	—	R 14.32	15.95	3.10	R 12.93	18.91	14.98
2018	—	2.88	2.88	5.75	18.72	R 17.18	24.72	—	R 16.73	R 18.87	3.04	R 14.55	19.19	R 16.20
2019	—	3.09	3.09	3.99	17.57	R 13.46	25.09	—	R 17.67	R 18.57	3.04	R 14.24	18.40	R 15.67
2020	—	3.00	3.00	3.84	12.26	R 12.66	21.34	—	R 16.29	R 15.01	3.04	R 11.61	17.79	R 13.78
2021	—	3.05	3.05	6.20	18.50	R 19.90	27.85	—	R 18.05	R 19.67	3.04	R 15.36	19.89	R 16.93
2022	—	3.57	3.57	7.25	28.76	21.11	37.10	—	24.71	28.22	3.04	21.94	23.05	22.33

Year	Expenditures in million dollars													
	Coking coal	Steam coal	Total	Natural gas ^a	Distillate fuel oil	HGL ^b	Motor gasoline ^c	Residual fuel oil	Other ^d	Total	Wood and waste ^{e,f}	Total ^{f,g,h}	Electricity ⁱ	Total energy ^{f,g,h}
1970	—	0.1	0.1	25.2	5.8	1.0	6.7	0.1	18.5	32.1	0.4	57.8	57.8	115.6
1975	—	2.6	2.6	38.5	39.6	4.3	10.7	1.2	39.8	95.6	0.6	137.3	167.7	305.0
1980	—	20.6	20.6	101.5	107.1	15.5	15.7	3.8	75.0	217.1	3.2	342.5	311.1	653.7
1985	—	69.7	69.7	73.4	65.0	18.4	19.2	0.8	108.0	211.4	3.8	358.3	434.2	792.5
1990	—	26.1	26.1	61.0	91.3	13.6	24.4	0.2	77.2	206.6	2.7	296.4	526.5	822.9
1995	—	26.6	26.6	105.4	112.6	27.2	20.6	1.2	112.6	274.2	4.6	410.7	630.9	1,041.6
2000	—	30.0	30.0	101.6	192.1	7.1	21.5	0.6	125.3	346.7	0.2	478.6	631.5	1,110.1
2005	—	34.7	34.7	144.8	435.4	13.4	102.0	1.0	206.2	758.0	0.5	937.9	665.3	1,603.2
2006	—	35.7	35.7	182.6	451.5	22.6	131.0	1.0	222.1	828.1	0.5	1,047.0	697.5	1,744.5
2007	—	42.2	42.2	203.0	448.0	34.7	122.8	1.4	236.9	843.8	0.6	1,089.6	742.6	1,832.2
2008	—	36.2	36.2	211.3	843.5	50.7	138.7	—	230.6	1,263.4	0.6	1,511.5	846.0	2,357.5
2009	—	22.7	22.7	147.0	384.8	30.2	95.1	—	303.1	813.2	0.5	983.4	745.4	1,728.8
2010	—	29.4	29.4	145.1	540.8	47.3	99.4	—	375.8	1,063.4	0.8	1,238.7	758.9	1,997.6
2011	—	27.5	27.5	149.0	825.7	61.1	122.8	0.7	431.7	1,442.1	0.3	1,619.0	809.7	2,428.6
2012	—	27.3	27.3	131.0	853.5	38.7	137.5	—	409.8	1,439.4	0.3	1,598.0	813.1	2,411.1
2013	—	12.4	12.4	139.3	839.0	40.5	137.9	—	376.0	1,393.4	0.3	1,545.4	833.4	2,378.8
2014	—	15.3	15.3	169.1	717.9	38.8	128.5	—	378.0	1,263.3	0.3	1,448.0	947.7	2,395.7
2015	—	15.9	15.9	138.3	382.7	23.2	191.6	—	326.7	924.2	0.3	1,078.8	932.7	2,011.4
2016	—	11.7	11.7	114.4	396.2	20.3	170.2	—	R 280.4	R 867.0	0.3	R 993.5	908.7	R 1,902.2
2017	—	15.1	15.1	124.5	512.1	R 24.5	190.5	—	R 291.7	R 1,018.8	1.0	R 1,159.5	884.2	R 2,043.7
2018	—	18.8	18.8	114.6	520.8	R 25.6	219.5	—	R 351.6	R 1,117.6	1.2	R 1,252.2	916.3	R 2,168.4
2019	—	20.2	20.2	76.7	526.0	R 18.6	223.5	—	R 406.0	R 1,174.1	1.2	R 1,272.2	865.2	R 2,137.5
2020	—	19.5	19.5	75.2	372.6	R 15.2	197.8	—	R 350.9	R 936.4	1.2	R 1,032.2	856.6	R 1,888.9
2021	—	19.3	19.3	127.8	539.4	R 25.0	247.4	—	R 430.9	R 1,242.7	1.2	R 1,391.1	956.2	R 2,347.3
2022	—	21.4	21.4	145.8	847.8	53.8	361.9	—	591.6	1,855.0	1.2	2,023.3	1,125.5	3,148.9

^a Includes supplemental gaseous fuels that are commingled with natural gas.
^b Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.
^c Beginning in 1993, includes fuel ethanol blended into motor gasoline. There is a discontinuity in the expenditure series between 2014 and 2015 because of changes in consumption estimates from the source. See Consumption Technical Notes, Section 4.
^d Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.
^e Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.
^f There is a discontinuity in this time series between 1988 and 1989 due to the expanded coverage of the use of wood and biomass waste beginning in 1989.
^g There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.

^h For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.
ⁱ Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Where shown, R = Revised data and (s) = Value less than 0.05 million dollars.
Where shown, — = No consumption, including cases where adjustments were made. See explanation of adjustments in Section 7 of the Technical Notes.
Notes: · Expenditure totals may not equal sum of components due to independent rounding. · The industrial sector includes industrial combined-heat-and-power (CHP) and industrial electricity-only plants.
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/>