

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

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	—	0.45	0.45	0.27	0.64	0.86	2.64	0.43	1.14	1.36	3.00	0.62	3.50	0.81
1975	—	0.92	0.92	0.55	2.13	2.01	4.50	1.84	2.53	2.65	3.00	1.45	5.62	1.87
1980	—	1.32	1.32	2.35	4.99	3.73	9.27	2.53	5.45	5.12	—	3.29	10.68	4.01
1985	—	1.69	1.69	3.54	6.22	4.49	9.28	3.86	7.84	5.55	—	4.50	14.74	5.41
1990	—	1.18	1.18	2.88	5.83	4.50	8.90	2.13	5.42	5.23	1.66	4.00	14.49	5.12
1995	—	1.34	1.34	2.22	4.87	7.83	8.55	2.51	5.21	5.69	2.34	3.49	14.12	4.94
2000	—	1.26	1.26	3.97	7.96	11.63	11.48	3.97	7.82	9.77	1.43	6.75	13.33	7.68
2005	—	1.68	1.68	7.60	14.43	17.56	17.62	4.56	9.80	12.88	1.49	9.32	14.23	10.27
2006	—	2.00	2.00	6.70	16.48	19.46	19.93	6.50	13.15	15.25	1.70	9.58	15.24	10.61
2007	—	2.12	2.12	7.04	18.56	21.90	22.34	8.53	15.28	19.60	1.70	12.59	15.03	12.92
2008	—	2.44	2.44	9.09	24.84	26.18	25.49	12.32	19.05	22.02	1.70	13.27	16.69	13.88
2009	—	2.53	2.53	4.50	14.80	20.29	18.43	7.93	18.05	15.77	1.70	8.04	17.89	9.83
2010	—	2.61	2.61	5.39	18.82	19.99	22.03	11.63	16.16	17.85	1.70	9.63	18.27	11.20
2011	—	2.44	2.44	5.18	25.57	23.18	28.02	15.67	20.81	24.07	1.69	10.52	19.67	12.23
2012	—	2.85	2.85	3.79	25.78	16.63	28.61	16.96	20.94	23.93	1.51	9.46	20.78	11.61
2013	—	2.49	2.49	4.77	25.15	17.81	27.91	16.72	21.27	23.68	1.36	10.32	21.67	12.46
2014	—	2.46	2.46	5.55	23.45	20.19	26.68	15.98	22.31	23.03	1.65	10.60	22.86	12.98
2015	—	2.26	2.26	4.10	15.06	10.58	19.15	10.29	18.00	15.91	1.48	7.51	22.30	10.18
2016	—	2.45	2.45	3.57	12.16	9.76	17.03	7.35	R 15.36	R 12.93	0.85	6.36	21.94	R 9.14
2017	—	2.18	2.18	4.02	14.69	R 13.69	19.12	9.84	R 19.68	R 15.50	0.65	R 7.28	22.11	R 9.94
2018	—	2.36	2.36	4.22	17.84	R 15.11	21.20	11.17	R 22.00	R 18.47	0.76	R 8.18	22.27	R 10.67
2019	—	2.30	2.30	3.77	16.81	R 11.31	20.20	11.38	R 22.21	R 17.50	1.20	R 7.51	21.53	R 10.01
2020	—	2.92	2.92	3.27	12.39	R 10.47	16.58	8.42	R 18.79	R 13.55	0.96	R 6.35	21.39	R 8.83
2021	—	2.91	2.91	5.04	17.50	R 17.60	23.42	12.59	R 20.57	R 18.42	0.77	R 8.84	21.63	R 11.06
2022	—	3.20	3.20	8.08	28.63	18.66	30.84	20.12	27.92	27.82	0.93	13.38	24.33	15.24
Expenditures in million dollars														
1970	—	1.0	1.0	35.5	9.4	5.4	38.5	0.2	24.0	77.5	3.3	117.3	46.8	164.2
1975	—	2.5	2.5	51.5	43.8	19.7	56.8	9.0	51.7	181.1	6.2	241.4	106.5	347.9
1980	—	9.4	9.4	322.0	101.0	72.5	58.3	6.1	162.0	399.9	—	731.4	256.6	988.0
1985	—	13.2	13.2	400.3	146.7	339.0	51.9	0.8	149.4	687.8	—	1,101.9	351.8	1,453.7
1990	—	4.5	4.5	316.4	154.1	207.2	35.7	1.7	177.1	575.9	1.6	898.5	389.7	1,288.2
1995	—	4.5	4.5	267.3	136.1	82.6	44.3	0.1	152.2	415.3	1.5	688.6	439.5	1,128.0
2000	—	4.1	4.1	406.1	207.2	560.4	42.7	5.8	160.2	976.3	0.2	1,386.7	453.2	1,839.9
2005	—	8.4	8.4	701.7	414.0	9.1	109.3	9.3	188.4	730.1	0.8	1,441.0	526.4	1,967.4
2006	—	11.4	11.4	700.1	525.5	4.4	131.7	24.4	242.0	927.9	0.2	1,639.6	577.7	2,217.3
2007	—	12.2	12.2	842.6	525.6	1,110.3	117.1	23.9	247.6	2,024.6	0.2	2,879.7	541.2	3,420.9
2008	—	9.8	9.8	980.6	786.2	32.2	104.2	91.7	232.0	1,246.2	0.2	2,236.8	604.9	2,841.7
2009	—	6.3	6.3	448.0	394.2	30.8	76.3	21.0	226.8	749.2	0.2	1,203.6	593.8	1,797.4
2010	—	6.9	6.9	545.6	552.4	29.6	69.9	25.2	300.2	977.3	0.3	1,530.1	641.7	2,171.8
2011	—	6.1	6.1	549.5	672.3	56.3	88.9	26.4	228.5	1,072.4	3.0	1,631.0	700.5	2,331.5
2012	—	5.7	5.7	406.4	663.4	33.7	80.5	26.3	246.8	1,050.7	2.4	1,465.2	754.6	2,219.8
2013	—	5.1	5.1	468.2	638.2	39.0	76.1	18.4	249.1	1,020.9	2.5	1,496.6	731.8	2,228.4
2014	—	7.3	7.3	549.4	655.2	24.2	55.0	17.9	250.2	1,002.5	2.9	1,562.1	808.8	2,370.9
2015	—	6.2	6.2	434.1	403.7	15.4	85.0	15.6	213.3	733.0	2.9	1,176.2	769.6	1,945.8
2016	—	5.6	5.6	384.1	344.6	12.3	86.0	26.4	R 159.3	R 628.6	1.5	R 1,019.8	760.7	R 1,780.5
2017	—	5.3	5.3	438.9	425.3	R 21.6	97.1	37.0	R 136.1	R 717.1	1.3	R 1,162.6	772.5	R 1,935.1
2018	—	6.0	6.0	482.6	553.2	R 20.6	107.8	25.0	R 166.5	R 873.1	1.8	R 1,363.5	795.1	R 2,158.6
2019	—	4.2	4.2	431.0	462.3	R 22.1	96.8	35.4	R 175.1	R 791.7	2.7	R 1,229.6	766.2	R 1,995.8
2020	—	3.6	3.6	379.4	412.4	R 15.6	79.9	29.9	R 167.6	R 705.3	2.1	R 1,090.4	724.6	R 1,815.0
2021	—	3.5	3.5	R 574.6	494.9	R 29.0	110.7	39.8	R 208.8	R 882.1	1.9	R 1,462.1	753.0	R 2,215.1
2022	—	5.8	5.8	996.9	818.6	30.5	154.9	63.4	280.3	1,347.6	2.1	2,352.4	876.8	3,229.3

^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/>