

**Table ET5. Industrial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2018, Ohio**

Year	Primary Energy												Electricity Retail Sales	Total Energy f,g,h
	Coal			Natural Gas <sup>a</sup>	Petroleum						Biomass	Total f,g,h		
	Coking Coal	Steam Coal	Total		Distillate Fuel Oil	HGL <sup>b</sup>	Motor Gasoline <sup>c</sup>	Residual Fuel Oil	Other <sup>d</sup>	Total				
				Prices in Dollars per Million Btu										
1970	0.42	0.40	0.41	0.57	0.77	1.44	2.93	0.55	1.44	1.26	1.69	0.60	2.90	0.84
1975	1.57	1.31	1.47	1.08	2.31	2.98	4.73	2.17	2.84	2.66	1.69	1.59	5.61	2.16
1980	2.00	1.34	1.79	3.01	5.45	5.56	9.45	3.31	6.83	5.80	1.67	3.46	9.73	4.37
1985	2.05	1.49	1.78	4.66	6.39	10.43	9.15	4.18	7.79	8.41	1.67	4.68	11.75	6.20
1990	1.80	1.44	1.63	3.92	6.14	10.33	9.35	2.54	6.22	6.59	1.12	3.75	11.81	5.72
1995	1.57	1.44	1.50	3.79	4.76	7.83	9.30	2.69	6.51	6.38	1.26	3.80	12.21	6.00
2000	1.66	1.47	1.55	4.93	8.15	11.65	12.13	4.02	7.29	7.76	1.44	4.92	12.82	7.03
2001	1.73	1.54	1.63	6.27	7.57	12.34	11.50	4.14	6.60	7.42	1.93	5.67	12.52	7.45
2002	1.93	1.61	1.73	5.46	6.93	10.28	10.92	3.63	7.04	7.57	1.97	5.59	14.26	7.74
2003	1.93	1.65	1.77	7.78	8.17	12.78	12.37	4.80	7.84	9.10	1.62	7.17	14.03	8.82
2004	2.31	1.88	2.08	8.46	10.90	14.31	14.71	4.91	8.00	9.57	1.78	7.65	14.33	9.32
2005	3.41	2.34	2.89	10.75	14.62	17.63	18.02	6.69	10.96	12.96	2.66	9.84	14.96	11.15
2006	3.77	2.59	3.25	11.16	16.69	19.50	20.35	7.57	13.66	15.18	2.53	10.66	16.43	12.05
2007	3.77	2.73	3.33	10.25	18.57	21.94	22.73	7.37	13.11	15.06	2.41	10.15	16.89	11.85
2008	4.62	3.19	4.02	12.22	25.41	26.23	25.98	10.07	15.34	17.92	2.70	12.16	18.16	13.68
2009	5.72	3.61	4.88	8.36	15.23	20.33	19.16	6.17	13.88	14.49	2.49	9.33	19.70	12.03
2010	6.22	3.23	5.19	7.15	18.82	R 25.59	22.67	10.36	14.77	17.27	2.43	8.99	18.75	11.45
2011	6.56	3.50	5.54	6.56	25.38	R 30.90	28.76	15.55	17.32	21.70	2.53	9.67	17.93	11.82
2012	6.66	3.70	5.93	5.30	25.58	R 24.24	29.64	16.83	17.25	21.17	2.39	9.03	18.27	11.34
2013	5.28	3.51	4.87	5.81	24.98	R 26.19	28.79	16.61	21.08	23.14	2.29	9.35	18.23	11.46
2014	4.39	3.47	4.17	6.66	23.37	R 27.91	27.75	15.92	23.01	23.76	2.76	9.47	19.84	11.82
2015	4.10	3.54	3.98	5.00	15.00	R 15.60	19.78	10.25	R 18.88	R 17.33	2.62	7.50	20.57	10.55
2016	3.59	3.45	3.57	4.48	12.07	R 13.91	17.96	7.30	R 15.69	R 14.44	R 2.14	6.59	20.45	R 9.87
2017	3.88	4.12	3.91	6.25	14.59	R 18.71	19.60	9.78	R 17.38	R 16.65	R 2.03	7.99	20.27	10.94
2018	4.25	4.01	4.22	6.23	17.71	21.77	21.50	11.09	19.85	19.32	1.88	8.61	20.55	11.47

  

Expenditures in Million Dollars														
1970	146.6	155.3	301.9	206.6	50.5	20.7	29.7	7.9	177.6	286.3	7.1	801.8	443.4	1,245.2
1975	519.3	296.0	815.2	366.0	149.7	34.7	37.7	73.0	306.0	601.1	7.5	1,789.8	1,042.0	2,831.7
1980	549.5	174.1	723.6	926.5	396.8	797.9	57.3	95.1	712.4	2,059.5	15.8	3,725.5	1,792.6	5,518.1
1985	287.8	185.8	473.5	1,163.5	257.8	819.7	51.6	27.5	666.6	1,823.3	18.6	3,479.3	2,391.2	5,870.5
1990	239.0	166.5	405.5	1,084.4	213.5	193.1	47.8	17.0	702.5	1,174.0	12.6	2,677.3	2,736.5	5,413.8
1995	117.2	126.9	244.1	1,237.3	161.9	214.9	58.1	11.7	683.3	1,129.8	38.9	2,650.1	3,026.6	5,676.7
2000	73.3	98.3	171.7	1,653.3	230.6	164.8	44.6	21.9	976.8	1,438.7	64.8	3,328.5	3,154.7	6,483.2
2001	96.6	89.7	186.3	1,833.7	240.7	187.4	112.1	9.6	893.9	1,443.6	28.8	3,492.4	2,705.9	6,198.3
2002	63.3	86.7	150.0	1,646.9	219.4	243.3	112.2	9.1	894.6	1,478.6	9.2	3,284.8	2,767.6	6,052.4
2003	81.3	86.8	168.1	2,220.9	303.6	554.3	134.9	14.4	914.6	1,921.8	20.8	4,331.5	2,694.7	7,026.3
2004	101.3	93.5	194.8	2,520.6	416.6	230.4	184.0	19.3	882.5	1,733.0	19.9	4,468.2	2,784.6	7,252.8
2005	175.1	114.2	289.2	3,105.5	511.4	423.8	219.7	53.9	996.5	2,205.2	36.1	5,636.0	2,942.2	8,578.2
2006	235.9	125.2	361.1	3,111.1	575.0	433.5	257.4	61.7	1,361.7	2,689.3	37.9	6,199.4	3,036.3	9,235.7
2007	238.7	128.8	367.4	2,919.1	631.4	207.5	225.8	40.3	1,478.0	2,582.9	35.7	5,905.2	3,308.6	9,213.7
2008	295.5	146.2	441.7	3,327.2	928.8	109.7	203.9	76.8	1,846.6	3,165.8	40.2	6,974.8	3,517.7	10,492.5
2009	314.7	130.8	445.5	1,863.9	464.2	109.3	145.4	26.9	1,229.4	1,975.2	30.3	4,314.9	3,207.7	7,522.6
2010	483.2	132.5	615.7	1,846.1	655.0	R 314.8	161.1	40.6	994.1	R 2,165.6	41.4	R 4,668.8	3,283.7	R 7,952.5
2011	501.1	134.0	635.1	1,683.1	761.3	R 415.7	228.6	46.2	1,075.6	R 2,527.4	45.7	R 4,891.4	3,185.6	R 8,077.0
2012	675.7	122.5	798.2	1,343.6	886.8	R 306.3	235.6	20.6	1,115.1	R 2,564.4	39.7	R 4,746.0	3,208.8	R 7,954.8
2013	555.1	112.7	667.8	1,530.4	855.7	R 349.6	234.8	53.1	1,316.2	R 2,809.3	41.8	R 5,049.3	3,080.3	R 8,129.6
2014	457.1	113.5	570.6	1,988.5	872.8	R 382.1	141.1	35.0	R 1,377.6	R 2,808.6	50.6	R 5,418.3	3,318.2	R 8,736.5
2015	422.1	92.6	514.7	1,372.4	531.3	R 191.5	158.7	27.1	R 1,249.4	R 2,158.0	45.2	R 4,090.3	3,422.2	R 7,512.6
2016	340.7	59.6	400.3	1,235.4	409.2	R 177.8	142.5	27.9	R 1,091.6	R 1,849.1	R 38.8	R 3,523.6	3,383.3	R 6,906.9
2017	373.9	56.9	430.8	1,729.0	534.6	R 236.6	157.3	25.1	R 1,039.4	R 1,993.0	R 36.6	R 4,189.4	3,367.2	R 7,556.6
2018	431.6	50.4	482.1	1,769.9	659.8	260.1	176.1	26.2	1,197.2	2,319.4	31.0	4,602.4	3,462.4	8,064.8

<sup>a</sup> Includes supplemental gaseous fuels that are commingled with natural gas.  
<sup>b</sup> Hydrocarbon gas liquids, include natural gas liquids and refinery olefins.  
<sup>c</sup> 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.  
<sup>d</sup> Includes asphalt and road oil, kerosene, lubricants, petroleum coke, and the "other petroleum products" category. See Technical Notes, Section 4.  
<sup>e</sup> Wood, wood-derived fuels, and biomass waste. Prior to 2001, includes non-biomass waste.  
<sup>f</sup> 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.

<sup>g</sup> There are no direct fuel costs for hydroelectric, geothermal, solar, or wind energy.  
<sup>h</sup> For 1981 through 1992, includes fuel ethanol blended into motor gasoline that is not included in the motor gasoline column.  
 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>.  
 Sources: Data sources, estimation procedures, and assumptions are described in the Technical Notes.