

**Table ET5. Industrial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2019, North Dakota**

Year	Primary Energy											Electricity Retail Sales	Total Energy <sup>f,g,h</sup>	
	Coal			Natural Gas <sup>a</sup>	Petroleum					Biomass	Total <sup>f,g,h</sup>			
	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				Wood and Waste <sup>e,f</sup>
Prices in Dollars per Million Btu														
1970	—	0.74	0.74	0.38	0.79	1.35	2.83	0.94	0.85	1.48	—	1.32	5.95	1.55
1975	—	1.26	1.26	1.00	2.72	2.77	4.69	1.94	2.16	3.24	—	2.78	8.00	3.18
1980	—	2.63	2.63	2.58	5.50	5.45	9.97	3.19	4.18	6.31	—	5.52	9.94	6.03
1985	—	0.63	0.63	4.19	6.28	9.12	9.64	3.49	5.35	6.64	—	2.55	15.27	3.30
1990	—	0.63	0.63	3.24	5.87	6.80	9.87	2.64	3.82	5.96	2.17	2.07	14.05	2.62
1995	—	0.80	0.80	2.76	4.87	7.83	9.19	2.38	3.82	5.44	1.01	1.91	13.19	2.38
2000	—	0.74	0.74	4.00	7.97	11.65	12.44	3.93	5.23	8.11	0.89	2.66	11.65	3.26
2001	—	0.68	0.68	5.12	7.28	12.34	12.14	4.27	4.76	8.29	1.39	3.26	11.67	3.73
2002	—	0.74	0.74	4.30	6.59	10.28	11.37	3.40	4.91	7.13	1.50	2.60	11.66	3.13
2003	—	0.77	0.77	3.85	7.84	12.72	12.61	3.16	5.78	8.41	1.58	2.60	11.62	3.21
2004	—	0.81	0.81	5.58	10.08	14.17	14.99	3.74	5.44	10.13	1.69	3.79	12.10	4.36
2005	—	0.83	0.83	9.02	14.39	17.51	18.18	6.59	5.77	12.74	2.02	4.74	12.67	5.26
2006	—	0.87	0.87	6.26	16.44	19.41	20.61	7.72	8.68	14.59	1.57	5.15	14.64	5.78
2007	—	0.89	0.89	6.56	18.50	21.84	23.41	8.51	11.12	18.29	1.76	5.69	15.35	6.43
2008	—	0.90	0.90	7.97	24.77	26.11	26.27	12.29	12.58	23.49	1.78	7.54	16.38	8.20
2009	—	1.06	1.06	4.94	14.76	20.23	19.70	7.91	12.04	14.95	1.38	4.81	15.38	5.62
2010	—	1.09	1.09	4.95	18.68	19.84	23.55	8.35	17.06	18.60	1.47	6.57	17.04	7.31
2011	—	1.71	1.71	4.75	25.26	22.90	29.95	15.48	18.92	24.19	1.79	9.97	18.29	10.56
2012	—	1.42	1.42	4.21	25.46	16.43	30.58	16.75	23.98	25.09	1.66	10.28	19.20	11.01
2013	—	1.38	1.38	3.87	24.86	17.61	29.83	—	20.65	23.96	1.50	11.07	20.89	11.86
2014	—	1.61	1.61	5.17	23.20	19.98	28.52	15.80	R 22.33	23.03	1.83	11.10	22.33	12.28
2015	—	1.94	1.94	2.88	14.89	10.46	20.47	10.18	R 20.69	R 15.71	1.69	6.42	23.64	8.30
2016	—	1.86	1.86	2.41	11.99	9.62	18.20	—	R 17.97	R 12.94	1.14	R 4.78	23.39	7.12
2017	—	1.24	1.24	2.91	14.49	13.46	20.44	—	R 16.08	14.82	R 0.86	5.76	22.37	R 8.01
2018	—	1.24	1.24	3.04	17.59	14.02	22.66	—	R 21.01	R 17.97	R 1.77	R 6.76	23.39	R 8.96
2019	—	1.35	1.35	2.56	16.57	10.83	21.60	—	24.24	17.07	2.14	6.63	23.28	9.12

  

Expenditures in Million Dollars														
1970	—	5.4	5.4	0.7	10.0	1.0	34.4	2.3	8.6	56.3	—	62.3	14.3	76.7
1975	—	9.4	9.4	1.9	25.6	1.8	54.1	4.6	16.8	102.9	—	114.1	27.0	141.1
1980	—	20.2	20.2	2.6	78.8	13.0	80.7	4.1	23.1	199.8	—	222.6	52.6	275.2
1985	—	44.9	44.9	8.7	105.5	10.3	54.7	4.8	39.6	214.9	—	268.8	101.1	369.9
1990	—	53.9	53.9	12.9	103.0	14.4	41.4	3.6	21.3	183.7	0.1	250.9	82.2	333.1
1995	—	79.5	79.5	16.4	85.6	21.8	32.8	1.1	20.7	162.0	0.3	258.3	77.7	336.0
2000	—	71.0	71.0	54.6	127.6	50.3	28.6	0.9	39.5	247.0	0.4	373.0	117.5	490.5
2001	—	63.4	63.4	86.5	144.6	127.1	33.3	0.3	43.1	348.4	1.0	499.3	106.7	606.0
2002	—	68.2	68.2	76.0	108.8	44.3	32.5	(s)	37.2	222.9	0.5	367.6	102.0	469.5
2003	—	73.4	73.4	51.3	131.4	30.6	37.5	0.7	26.7	227.0	0.5	352.2	114.0	466.2
2004	—	68.4	68.4	85.8	207.0	61.5	55.8	1.0	38.2	363.5	1.3	519.1	120.9	640.0
2005	—	76.2	76.2	100.2	313.3	69.9	59.1	8.5	53.5	504.4	2.4	683.0	128.1	811.1
2006	—	83.3	83.3	84.7	361.0	67.7	72.3	4.4	109.3	614.7	2.1	784.7	158.1	942.8
2007	—	82.1	82.1	113.0	413.9	89.8	69.4	3.5	47.6	624.2	1.8	821.0	183.9	1,005.0
2008	—	82.4	82.4	158.5	717.8	57.7	59.7	6.0	50.2	891.4	1.6	1,134.0	200.1	1,334.1
2009	—	99.1	99.1	72.1	335.7	57.7	45.8	2.8	79.3	521.3	1.2	693.7	184.3	877.9
2010	—	104.7	104.7	111.9	656.7	55.2	35.4	1.9	126.0	875.1	1.4	1,093.0	216.2	1,309.3
2011	—	159.1	159.1	130.7	1,262.1	39.7	47.6	3.8	208.1	1,561.2	2.1	1,853.0	260.3	2,113.3
2012	—	134.0	134.0	107.5	1,408.7	35.4	43.3	0.7	199.9	1,687.9	1.7	1,931.1	323.6	2,254.7
2013	—	121.3	121.3	104.4	1,592.9	67.6	44.8	—	264.9	1,970.3	2.0	2,198.0	362.7	2,560.7
2014	—	150.4	150.4	139.9	1,652.9	67.1	37.4	0.1	R 283.8	R 2,041.2	2.3	R 2,333.9	550.8	R 2,884.7
2015	—	186.0	186.0	89.0	675.7	R 29.0	41.6	(s)	R 173.6	R 920.0	2.1	R 1,197.1	538.5	R 1,735.7
2016	—	174.7	174.7	73.6	390.3	25.1	33.9	—	R 107.1	R 556.3	1.3	R 805.9	568.4	R 1,374.3
2017	—	117.6	117.6	90.5	636.9	53.8	38.2	—	R 124.1	R 853.0	R 1.0	R 1,062.1	644.4	R 1,706.5
2018	—	118.3	118.3	104.7	809.4	45.8	41.6	—	R 152.8	R 1,049.6	R 0.6	R 1,273.2	670.9	R 1,944.1
2019	—	112.8	112.8	92.3	732.5	49.9	38.7	—	145.1	966.2	0.6	1,172.0	724.4	1,896.4

<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>9</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.