

Table ET5. Industrial Sector Energy Price and Expenditure Estimates, Selected Years, 1970-2021, United States

Year	Primary Energy														Electricity ⁱ	Total Energy ^{f,g,h}
	Coal			Coal Coke		Natural Gas ^a	Petroleum					Biomass	Total ^{f,g,h}			
	Coking Coal	Steam Coal	Total	Exports	Imports		Distillate Fuel Oil	HGL ^b	Motor Gasoline ^c	Residual Fuel Oil	Other ^d	Total		Wood and Waste ^{e,f}		
														Wood and Waste ^{e,f}		
Prices in Dollars per Million Btu																
1970	0.45	0.44	0.45	1.27	0.93	0.38	0.72	1.14	2.86	0.46	1.13	0.98	1.66	0.62	2.99	0.84
1975	1.65	1.28	1.50	2.37	3.47	0.95	2.23	2.64	4.65	1.91	2.64	2.48	1.67	1.68	6.07	2.21
1980	2.10	1.56	1.87	2.54	3.19	2.52	5.54	5.40	9.82	3.69	6.59	5.79	1.67	3.78	10.81	4.72
1985	2.03	1.70	1.83	2.76	2.99	3.87	6.26	6.22	9.07	4.24	6.90	6.40	1.67	4.47	14.57	6.06
1990	1.79	1.52	1.62	3.53	3.80	2.95	5.90	5.95	9.15	3.10	5.64	5.73	0.99	3.66	13.92	5.30
1995	1.76	1.48	1.58	2.71	3.43	2.80	4.87	5.81	9.19	2.75	5.21	5.34	1.21	3.42	13.68	5.01
2000	1.67	1.41	1.50	3.64	2.66	4.60	7.66	8.68	11.90	4.22	6.83	7.57	1.43	5.12	13.60	6.50
2005	3.19	2.14	2.47	3.39	8.92	9.08	14.27	13.62	17.93	6.98	10.20	12.07	2.73	9.14	16.77	10.42
2006	3.54	2.34	2.72	3.19	6.31	8.77	16.44	16.26	20.34	8.16	12.49	14.47	2.65	10.10	18.02	11.42
2007	3.64	2.43	2.82	3.66	7.84	8.29	18.01	18.20	22.34	9.26	13.96	16.14	2.51	10.60	18.71	11.98
2008	4.49	2.85	3.38	4.33	18.76	10.06	24.68	22.60	26.02	12.97	18.26	20.93	2.83	13.27	20.34	14.51
2009	5.43	2.97	3.69	4.17	10.82	6.46	14.77	14.45	18.90	9.25	15.08	14.85	2.62	9.46	20.05	11.37
2010	5.84	2.94	3.93	6.74	13.37	6.17	18.55	17.35	22.72	11.94	18.78	18.26	2.67	10.52	19.89	12.14
2011	6.89	3.24	4.55	8.75	15.71	5.96	24.83	21.41	28.66	16.02	23.39	23.03	2.77	12.32	20.02	13.67
2012	6.59	3.30	4.59	8.65	13.64	4.91	25.38	15.46	29.55	17.48	23.13	20.81	2.63	10.91	19.60	12.42
2013	5.43	3.22	4.10	8.91	8.55	5.46	24.83	14.74	28.72	17.40	23.57	20.37	2.59	10.94	20.26	12.52
2014	4.61	3.17	3.74	9.94	4.73	6.36	23.49	14.89	27.58	16.41	23.06	20.03	3.14	11.05	20.86	12.72
2015	4.16	3.09	3.53	9.28	5.90	4.86	14.93	8.49	20.40	9.87	16.54	R 12.95	3.04	7.75	20.33	9.88
2016	3.56	2.88	3.15	8.75	5.78	4.27	12.37	R 8.15	18.14	7.39	13.94	11.31	2.94	6.81	19.91	9.01
2017	4.11	2.83	3.37	9.32	7.11	4.83	14.89	R 10.50	20.36	9.81	15.32	13.35	R 2.87	R 7.89	20.23	9.95
2018	4.40	2.84	3.53	10.53	10.66	4.85	18.00	R 12.02	22.68	11.17	18.56	15.58	R 2.64	R 8.78	20.35	R 10.66
2019	5.01	2.94	3.89	11.29	12.34	4.60	16.70	8.65	21.85	11.12	18.26	13.53	R 2.64	R 7.93	20.04	R 9.91
2020	4.43	2.79	3.51	10.56	10.22	R 4.09	11.97	7.22	18.33	8.23	15.36	10.80	R 2.15	6.60	19.62	8.73
2021	4.17	2.80	3.47	10.10	10.80	5.89	17.43	13.27	25.14	12.41	19.61	16.18	2.71	9.76	21.05	11.61
Expenditures in Million Dollars																
1970	1,175	907	2,082	78	4	2,625	866	1,046	824	635	2,698	6,069	381	11,081	5,624	16,706
1975	3,692	1,806	5,498	75	156	5,844	2,907	2,760	1,039	2,367	6,470	15,544	400	27,367	13,760	41,127
1980	3,753	2,135	5,888	130	52	16,350	7,232	7,967	1,553	4,175	21,837	42,765	529	65,453	28,863	94,316
1985	2,228	2,838	5,066	77	43	21,615	6,977	9,804	1,978	2,815	17,396	38,970	619	66,246	40,190	106,436
1990	1,862	2,593	4,455	50	72	19,348	6,773	8,916	1,695	1,070	16,798	35,252	906	59,993	43,358	103,350
1995	1,558	2,379	3,936	91	325	21,487	5,473	11,061	1,836	778	15,446	34,594	1,699	61,951	45,402	107,353
2000	1,327	2,061	3,389	103	249	34,624	9,158	18,555	1,785	867	22,692	53,058	1,888	93,104	47,859	140,963
2005	1,964	2,861	4,824	147	780	55,299	17,945	26,248	6,354	1,867	35,366	87,780	3,458	151,995	56,229	208,225
2006	2,132	3,068	5,200	128	636	52,570	20,647	32,858	7,608	1,849	43,322	106,283	3,514	168,076	59,764	227,840
2007	2,175	3,078	5,253	131	478	51,126	22,573	36,735	6,739	1,700	45,612	113,358	3,190	173,275	62,934	236,209
2008	2,606	3,444	6,050	210	1,676	61,877	33,201	39,333	6,367	2,408	52,810	134,118	3,408	206,920	67,102	274,022
2009	2,192	2,945	5,136	135	93	36,304	15,810	26,802	4,490	1,134	36,280	84,516	2,303	128,218	59,816	188,034
2010	3,239	3,150	6,389	245	403	38,533	21,331	R 38,128	5,895	1,365	43,931	R 110,650	3,160	R 158,891	62,767	R 221,657
2011	3,885	3,246	7,131	210	552	37,972	30,583	R 46,383	7,287	2,086	51,534	R 137,873	3,418	R 186,735	64,566	R 251,301
2012	3,916	3,042	6,958	209	384	32,173	32,153	R 36,262	7,457	1,164	47,685	R 124,721	3,320	R 167,347	62,937	R 230,284
2013	3,346	2,990	6,336	186	29	36,513	31,311	R 37,429	7,542	793	48,781	R 125,855	3,410	R 171,957	64,944	R 236,901
2014	2,796	2,920	5,716	233	9	44,291	31,997	R 35,736	5,793	634	46,939	R 121,099	4,135	R 175,017	67,630	R 242,647
2015	2,340	2,523	4,863	197	20	33,579	17,377	R 22,132	5,260	310	34,366	R 79,445	3,946	R 121,656	65,169	R 186,825
2016	1,678	2,117	3,795	217	33	30,300	14,239	R 21,062	4,753	375	28,472	R 68,901	3,766	R 106,577	63,126	R 169,703
2017	2,069	1,960	4,029	280	10	35,344	17,866	R 27,953	5,382	475	31,606	R 83,281	3,571	R 125,956	64,590	R 190,547
2018	2,306	1,853	4,159	301	31	37,727	22,469	R 36,260	6,111	466	37,103	R 102,409	R 3,363	R 147,388	66,147	R 213,535
2019	2,578	1,771	4,349	271	35	35,674	20,065	R 27,072	5,824	453	36,029	R 89,443	R 3,276	R 132,507	65,321	R 197,828
2020	1,830	1,465	3,296	179	41	R 30,458	12,735	R 23,417	4,933	262	28,322	R 69,668	R 2,577	R 105,861	61,250	R 167,111
2021	2,103	1,493	3,597	521	31	44,615	20,626	46,634	6,642	566	37,479	111,948	3,286	162,956	68,816	231,772

^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.
 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/>