

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

Year	Primary Energy												Electricity Retail Sales	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}		
				Total										
Prices in Dollars per Million Btu														
1970	—	—	—	—	0.74	0.94	3.32	0.42	0.62	0.61	4.06	0.62	4.59	1.60
1975	—	—	—	—	2.22	2.01	5.44	1.92	2.10	2.11	4.06	2.12	9.84	4.95
1980	—	—	—	—	5.49	3.97	10.81	3.82	4.27	4.60	4.06	4.54	18.63	8.61
1985	—	2.30	2.30	—	6.14	10.55	11.14	4.60	4.98	5.25	4.06	4.86	25.08	12.25
1990	—	1.82	1.82	—	5.64	9.88	11.71	3.83	3.96	4.74	1.23	3.93	22.19	10.84
1995	—	1.91	1.91	—	5.34	10.46	11.51	2.93	4.30	5.75	1.19	4.28	27.17	12.17
2000	—	2.40	2.40	9.71	7.75	12.38	13.45	4.95	4.24	6.39	0.85	4.84	34.25	18.63
2001	—	2.15	2.15	10.72	6.88	14.02	14.56	4.52	4.72	7.02	1.40	4.89	34.22	20.23
2002	—	2.96	2.96	9.59	6.60	13.08	12.43	4.02	6.97	8.52	1.41	5.57	32.29	20.43
2003	—	1.54	1.54	11.29	7.94	14.63	15.21	4.75	7.30	9.38	2.01	5.27	35.74	21.64
2004	—	1.78	1.78	12.61	10.92	16.75	17.24	5.36	7.67	11.75	1.78	6.13	39.13	23.86
2005	—	2.10	2.10	15.82	14.98	19.98	20.73	7.34	7.22	13.04	2.18	8.00	46.27	28.20
2006	—	2.06	2.06	17.66	16.87	22.34	23.98	8.67	33.35	17.24	1.65	8.94	52.63	32.70
2007	—	2.67	2.67	17.99	17.74	25.69	24.60	9.89	37.28	20.82	2.08	10.36	53.86	34.20
2008	—	2.96	2.96	25.64	23.78	30.79	29.48	14.32	44.59	25.83	2.20	11.67	76.34	46.63
2009	—	3.00	3.00	18.32	14.24	24.32	22.91	—	16.90	17.10	1.37	11.06	53.17	30.17
2010	—	3.42	3.42	23.17	18.35	22.40	27.98	—	17.88	18.98	1.57	13.03	64.32	37.41
2011	—	3.78	3.78	28.44	24.44	27.88	34.45	16.59	20.24	22.69	1.66	15.68	83.24	48.35
2012	—	3.59	3.59	29.53	25.49	—	36.20	17.95	23.41	25.49	1.47	15.43	90.33	53.63
2013	—	3.80	3.80	27.40	24.92	20.62	34.82	17.22	23.20	24.21	1.32	15.59	87.54	49.52
2014	—	3.78	3.78	27.89	23.59	21.56	33.69	—	23.42	24.61	1.61	16.45	88.56	51.91
2015	—	3.66	3.66	19.38	14.80	11.93	27.67	8.67	R 19.95	R 20.05	1.44	R 13.82	67.58	40.63
2016	—	3.46	3.46	18.08	12.78	12.13	24.07	6.44	R 16.33	R 15.42	0.78	10.39	60.65	37.90
2017	—	—	—	20.12	15.22	16.83	26.83	8.89	R 15.11	R 15.48	R 2.97	15.48	67.17	R 45.91
2018	—	—	—	23.51	18.43	18.13	30.74	11.70	R 17.85	R 19.50	R 2.97	R 19.48	76.50	R 55.68
2019	—	—	—	24.09	17.30	15.45	31.20	10.93	18.10	18.05	2.97	18.06	75.48	52.31
Expenditures in Million Dollars														
1970	—	—	—	—	2.8	1.2	0.9	3.5	1.9	10.2	0.1	10.4	25.3	35.7
1975	—	—	—	—	7.3	2.4	1.5	11.7	6.6	29.4	0.3	29.7	80.1	109.8
1980	—	—	—	—	43.0	11.3	2.8	29.4	9.9	96.3	10.0	106.3	176.7	283.0
1985	—	2.6	2.6	—	16.3	0.2	6.1	36.0	12.0	70.5	11.7	84.8	252.0	336.8
1990	—	1.3	1.3	—	23.7	0.4	8.2	28.5	10.5	71.3	4.9	77.4	265.7	343.1
1995	—	7.9	7.9	—	16.8	27.5	14.7	14.5	13.2	86.7	4.8	99.4	332.5	431.9
2000	—	5.1	5.1	4.9	21.1	1.6	11.2	4.9	17.7	56.6	2.3	68.9	429.5	498.3
2001	—	4.4	4.4	5.3	18.8	2.2	9.2	(s)	11.3	41.4	3.9	55.0	421.4	476.5
2002	—	1.9	1.9	4.3	17.5	9.8	9.4	(s)	5.7	42.4	5.0	53.7	390.8	444.5
2003	—	2.1	2.1	4.7	20.0	3.4	10.9	(s)	6.1	40.4	9.3	56.5	444.0	500.5
2004	—	2.2	2.2	5.3	25.6	2.8	15.1	(s)	7.0	50.5	8.8	66.8	495.7	562.5
2005	—	3.0	3.0	6.5	44.1	(s)	14.3	3.5	10.3	72.2	8.6	90.2	583.5	673.7
2006	—	3.4	3.4	7.4	44.2	1.8	17.6	7.3	5.9	76.8	6.7	94.3	661.6	755.9
2007	—	4.8	4.8	8.3	45.7	2.1	30.8	—	6.3	85.0	8.1	106.2	670.0	776.3
2008	—	6.8	6.8	10.1	47.1	0.4	37.2	4.3	6.8	95.8	8.8	121.5	935.2	1,056.7
2009	—	6.1	6.1	5.8	33.0	2.1	27.2	—	78.7	141.1	5.1	158.0	631.7	789.7
2010	—	4.8	4.8	7.1	34.1	3.5	20.3	—	95.7	153.5	5.2	170.6	763.4	934.0
2011	—	4.9	4.9	9.2	47.5	4.1	25.7	3.0	98.3	178.6	5.2	197.9	984.4	1,182.3
2012	—	4.1	4.1	9.4	54.7	—	25.7	2.8	72.7	155.9	5.5	175.0	1,066.5	1,241.5
2013	—	5.2	5.2	10.7	45.4	0.1	24.3	9.0	114.5	193.3	5.3	214.5	1,074.7	1,289.2
2014	—	5.2	5.2	10.7	52.5	0.4	29.1	—	109.0	191.1	5.5	212.5	1,106.8	1,319.3
2015	—	4.2	4.2	8.4	26.5	0.4	39.8	0.6	R 87.9	R 155.2	4.5	R 172.4	838.2	R 1,010.6
2016	—	0.9	0.9	1.5	11.1	0.5	34.2	8.9	R 47.7	R 102.4	2.6	R 107.4	758.5	866.0
2017	—	—	—	1.7	26.4	3.6	38.4	20.4	R 40.8	R 129.6	R 0.1	R 131.3	815.2	R 946.6
2018	—	—	—	2.0	26.7	4.6	45.4	16.5	39.9	133.1	R 0.1	135.2	923.1	1,058.3
2019	—	—	—	2.2	37.2	1.6	46.2	27.2	34.7	147.0	0.1	149.2	921.8	1,071.1

^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. 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.