

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

Year	Primary Energy												Electricity <sup>i</sup>	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	0.94	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
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	—	17.87	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	20.23	22.68	1.66	15.68	83.24	48.34
2012	—	3.59	3.59	29.53	25.49	—	36.20	17.95	23.40	25.48	1.47	15.42	90.33	53.63
2013	—	3.80	3.80	27.40	24.92	20.62	34.82	17.22	23.18	24.20	1.32	15.59	87.54	49.52
2014	—	3.78	3.78	27.89	23.59	21.56	33.69	—	23.38	24.59	1.61	16.43	88.56	51.91
2015	—	3.66	3.66	19.38	14.80	11.93	27.67	8.67	19.90	20.03	1.44	13.80	67.58	40.63
2016	—	3.46	3.46	18.08	12.78	12.13	24.07	6.44	16.22	15.38	0.78	10.35	60.65	37.90
2017	—	—	—	20.12	15.22	16.83	26.83	8.89	14.86	15.40	2.97	15.41	67.17	45.90
2018	—	—	—	23.51	18.43	18.13	30.74	11.70	17.60	19.42	2.92	19.40	76.50	55.67
2019	—	—	—	24.09	17.30	15.45	31.20	10.93	17.85	17.99	2.92	18.00	75.48	52.30
2020	—	—	—	21.58	12.07	14.27	26.54	—	17.71	18.04	2.92	18.01	71.66	53.85
2021	—	—	—	27.34	18.22	22.75	34.63	12.84	17.53	18.89	2.92	18.93	79.48	53.51

  

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
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	3.6	20.3	—	95.6	153.6	5.2	170.7	763.4	934.1
2011	—	4.9	4.9	9.2	47.5	4.3	25.7	3.0	98.2	178.7	5.2	198.1	984.4	1,182.4
2012	—	4.1	4.1	9.4	54.7	—	25.7	2.8	72.6	155.8	5.5	174.9	1,066.5	1,241.4
2013	—	5.2	5.2	10.7	45.4	0.2	24.3	9.0	114.3	193.2	5.3	214.4	1,074.7	1,289.1
2014	—	5.2	5.2	10.7	52.5	0.4	29.1	—	108.8	190.8	5.5	212.2	1,106.8	1,319.0
2015	—	4.2	4.2	8.4	26.5	0.3	39.8	0.6	87.6	154.9	4.5	172.0	838.2	1,010.2
2016	—	0.9	0.9	1.5	11.1	0.4	34.2	8.9	47.3	101.9	2.6	106.9	758.5	865.5
2017	—	—	—	1.7	26.4	3.6	38.4	20.4	39.9	128.7	0.1	130.5	815.2	945.7
2018	—	—	—	2.0	26.7	4.6	45.4	16.5	39.1	132.3	0.1	134.5	923.1	1,057.6
2019	—	—	—	2.2	37.2	1.6	46.2	27.2	34.1	146.4	0.1	148.6	921.8	1,070.5
2020	—	—	—	1.6	23.8	1.3	39.7	—	31.9	96.6	0.1	98.4	787.4	885.8
2021	—	—	—	2.6	29.6	3.3	46.6	37.4	39.7	156.5	0.1	159.2	890.5	1,049.8

<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.  
<sup>i</sup> 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/>