

Table 17.05-- PRIMARY ENERGY CONSUMPTION, BY SOURCE: 2002 TO 2019

[Billion Btu. Components may not sum to totals due to rounding]

Year	Total 1/	Petroleum 1/	Coal	Natural gas	Renewable
2002	284,662	257,441	16,618	140	10,463
2003	300,914	269,414	18,044	137	13,319
2004	314,719	282,864	17,913	155	13,787
2005	324,736	293,847	16,506	195	14,187
2006	327,285	295,474	16,102	179	15,531
2007	337,822	303,540	17,107	173	17,002
2008	276,640	239,055	18,095	148	19,342
2009	275,905	238,944	17,083	167	19,711
2010	294,541	259,052	17,117	161	18,210
2011	299,651	262,957	16,080	158	20,457
2012	294,151	255,852	16,572	187	21,540
2013	299,747	258,288	15,306	197	25,956
2014	291,683	246,278	17,241	167	1/ 27,997
2015	296,393	251,136	15,632	196	1/ 29,428
2016	299,928	250,959	16,431	162	1/ 32,376
2017	308,132	261,006	14,948	163	1/ 32,014
2018	305,778	260,079	14,367	192	1/ 31,140
2019	307,504	263,240	14,179	228	29,857
Year	Biomass	Solar	Wind	Geothermal	Hydro
2002	7,491	1,240	16	748	967
2003	9,314	1,260	16	1,813	916
2004	9,354	1,273	75	2,144	941
2005	9,632	1,302	66	2,224	962
2006	10,054	1,382	790	2,114	1,191
2007	9,936	1,520	2,354	2,280	913
2008	12,030	1,799	2,365	2,316	831
2009	12,482	2,033	2,454	1,643	1,099
2010	10,700	2,311	2,547	1,964	687
2011	11,187	2,870	3,311	2,183	905
2012	10,026	4,333	3,599	2,491	1,090
2013	11,720	6,056	4,802	2,630	747
2014	11,624	1/ 7,553	5,503	2,422	895
2015	12,075	1/ 8,360	5,710	2,154	1,129
2016	13,414	1/ 9,813	5,900	2,409	839
2017	1/ 10,944	1/ 12,579	4,902	2,980	609
2018	1/ 10,700	1/ 13,070	5,480	2/ 1,010	879
2019	9,971	14,322	4,714	2/ 8	842

1/ Revised from previous *Data Book*.

2/ In May 2018, the Puna Geothermal Venture facility shut down due to a volcanic eruption and reopened in October 2020. Residual fuel was used during the closure period.

Source: U.S. Department of Energy, Energy Information Administration, State Energy Data System (SEDS) <<http://www.eia.gov/state/seds/seds-data-fuel.cfm?sid=HI>> accessed June 27, 2021 and calculations by Hawaii State Department of Business, Economic Development and Tourism.