

**HAWAII** Table CT7. Transportation Sector Energy Consumption Estimates, Selected Years, 1960-2021, Hawaii

Year	Coal Thousand Short Tons	Natural Gas <sup>a</sup> Billion Cubic Feet	Petroleum								Electricity <sup>f</sup> Million Kilowatthours	End Use <sup>g,h</sup>	Electrical System Energy Losses <sup>i</sup>	Total <sup>g,h</sup>
			Aviation Gasoline	Distillate Fuel Oil <sup>b</sup>	HGL <sup>c</sup>	Jet Fuel <sup>d</sup>	Lubricants	Motor Gasoline <sup>e</sup>	Residual Fuel Oil	Total				
			Thousand Barrels											
1960	0	0	2,640	247	2	4,321	19	3,290	968	11,487	0	--	--	--
1965	0	0	613	844	4	7,618	73	3,947	1,195	14,294	0	--	--	--
1970	0	0	133	722	26	14,273	68	5,508	1,744	22,473	0	--	--	--
1975	0	0	116	831	22	14,849	74	6,615	1,013	23,520	0	--	--	--
1980	0	0	199	3,331	26	14,116	74	7,129	1,441	26,317	0	--	--	--
1985	0	0	155	3,184	6	13,260	68	7,443	1,526	25,641	0	--	--	--
1990	0	0	272	3,498	13	12,646	76	8,477	2,657	27,639	0	--	--	--
1995	0	0	218	2,683	8	9,940	73	9,160	2,677	24,759	0	--	--	--
2000	0	0	45	1,627	0	9,438	78	9,118	2,226	22,532	0	--	--	--
2005	0	(s)	44	3,827	15	16,372	65	10,833	1,121	32,278	0	--	--	--
2006	0	(s)	41	3,387	17	15,334	64	11,379	2,375	32,597	0	--	--	--
2007	0	(s)	41	6,246	12	12,756	66	11,092	4,465	34,678	0	--	--	--
2008	0	(s)	28	2,729	4	10,702	61	10,416	978	24,917	0	--	--	--
2009	0	(s)	30	3,124	6	9,303	55	10,588	1,214	24,320	0	--	--	--
2010	0	(s)	37	4,019	3	13,435	76	9,838	1,075	28,483	0	--	--	--
2011	0	(s)	35	3,409	3	13,932	84	10,985	1,002	29,451	0	--	--	--
2012	0	(s)	31	3,274	3	14,717	75	10,434	906	R 29,440	0	--	--	--
2013	0	(s)	27	3,060	R 4	15,455	79	10,595	880	30,098	0	--	--	--
2014	0	(s)	28	1,591	R 4	15,732	70	10,648	848	R 28,920	0	--	--	--
2015	0	(s)	9	2,049	R 5	16,270	75	10,460	699	R 29,566	0	--	--	--
2016	0	(s)	7	2,179	R 4	16,135	69	10,626	810	R 29,830	0	--	--	--
2017	0	(s)	10	2,148	(s)	17,195	65	10,560	1,148	31,125	0	--	--	--
2018	0	(s)	22	2,609	(s)	17,446	63	10,339	1,025	31,503	0	--	--	--
2019	0	0	31	2,082	(s)	R 17,822	62	10,403	1,320	R 31,720	0	--	--	--
2020	0	(s)	24	2,112	(s)	R 9,051	48	7,982	763	R 19,979	0	--	--	--
2021	0	(s)	11	2,031	0	13,474	52	9,160	1,194	26,005	0	--	--	--

Trillion Btu														
1960	0.0	0.0	13.3	1.4	(s)	23.5	0.1	17.3	6.1	61.8	0.0	61.8	0.0	61.8
1965	0.0	0.0	3.1	4.9	(s)	42.3	0.4	20.7	7.5	79.0	0.0	79.0	0.0	79.0
1970	0.0	0.0	0.7	4.2	0.1	80.1	0.4	28.9	11.0	125.3	0.0	125.3	0.0	125.3
1975	0.0	0.0	0.6	4.8	0.1	83.5	0.5	34.7	6.4	130.5	0.0	130.5	0.0	130.5
1980	0.0	0.0	1.0	19.4	0.1	79.2	0.5	37.4	9.1	146.7	0.0	146.7	0.0	146.7
1985	0.0	0.0	0.8	18.5	(s)	74.4	0.4	39.1	9.6	142.9	0.0	142.9	0.0	142.9
1990	0.0	0.0	1.4	20.4	(s)	71.1	0.5	44.5	16.7	154.5	0.0	154.5	0.0	154.5
1995	0.0	0.0	1.1	15.6	(s)	56.4	0.4	47.7	16.8	138.0	0.0	138.0	0.0	138.0
2000	0.0	0.0	0.2	9.5	0.0	53.5	0.5	47.4	14.0	125.1	0.0	125.1	0.0	125.1
2005	0.0	(s)	0.2	22.3	0.1	92.8	0.4	56.2	7.0	179.1	0.0	179.1	0.0	179.1
2006	0.0	(s)	0.2	19.7	0.1	86.9	0.4	59.0	14.9	181.2	0.0	181.4	0.0	181.4
2007	0.0	(s)	0.2	36.1	(s)	72.3	0.4	57.0	28.1	194.2	0.0	194.4	0.0	194.4
2008	0.0	(s)	0.1	15.8	(s)	60.7	0.4	53.2	6.1	136.3	0.0	136.5	0.0	136.5
2009	0.0	(s)	0.1	18.0	(s)	52.7	0.3	53.9	7.6	132.8	0.0	132.8	0.0	132.8
2010	0.0	(s)	0.2	23.2	(s)	76.2	0.5	49.8	6.8	156.7	0.0	156.7	0.0	156.7
2011	0.0	(s)	0.2	19.7	(s)	79.0	0.5	55.6	6.3	161.3	0.0	161.3	0.0	161.3
2012	0.0	(s)	0.2	18.9	(s)	83.4	0.5	52.8	5.7	161.5	0.0	161.5	0.0	161.5
2013	0.0	(s)	0.1	17.6	(s)	87.6	0.5	53.6	5.5	165.0	0.0	165.0	0.0	165.0
2014	0.0	(s)	0.1	9.2	(s)	89.2	0.4	53.9	5.3	158.1	0.0	158.1	0.0	158.1
2015	0.0	(s)	(s)	11.8	(s)	92.2	0.5	52.9	4.4	161.9	0.0	161.9	0.0	161.9
2016	0.0	(s)	(s)	12.5	(s)	91.5	0.4	53.7	5.1	163.3	0.0	163.3	0.0	163.3
2017	0.0	(s)	0.1	12.4	(s)	97.5	0.4	53.4	7.2	170.9	0.0	170.9	0.0	170.9
2018	0.0	(s)	0.1	15.0	(s)	98.9	0.4	52.3	6.4	173.1	0.0	173.1	0.0	173.1
2019	0.0	0.0	0.2	12.0	(s)	R 101.0	0.4	52.6	8.3	R 174.4	0.0	R 174.4	0.0	R 174.4
2020	0.0	(s)	0.1	12.2	(s)	R 51.3	0.3	40.3	4.8	109.0	0.0	109.0	0.0	109.0
2021	0.0	(s)	0.1	11.7	0.0	76.4	0.3	46.3	7.5	142.7	0.0	142.7	0.0	142.7

<sup>a</sup> Transportation use of natural gas to operate pipelines and, since 1990, also includes vehicle fuel.  
<sup>b</sup> Beginning in 2009, includes biodiesel blended into distillate fuel oil. Beginning in 2011, includes renewable diesel blended into distillate fuel oil.  
<sup>c</sup> Hydrocarbon gas liquids, assumed to be propane only.  
<sup>d</sup> Through 2004, includes kerosene-type and naphtha-type jet fuel. Beginning in 2005, includes kerosene-type jet fuel only; naphtha-type jet fuel is included in "Industrial sector, Other Petroleum."  
<sup>e</sup> Beginning in 1993, includes fuel ethanol blended into motor gasoline.  
<sup>f</sup> Electricity sales to ultimate customers reported by electric utilities and, beginning in 1996, other energy service providers. Sales to public railroads and railway systems only. Excludes electric vehicles.  
<sup>g</sup> There is a discontinuity in this time series between 1980 and 1981 due to the expanded coverage of fuel ethanol beginning in 1981.  
<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> Incurred in the generation, transmission, and distribution of electricity plus plant use and unaccounted for electrical system energy losses. Pre-1990 estimates are not comparable to those for later years. See Section 6 of Technical Notes for an explanation of changes in methodology.  
 -- = Not applicable.  
 Where shown, R = Revised data and (s) = Physical unit value less than 0.5 or Btu value less than 0.05.  
 Notes: Totals may not equal sum of components due to independent rounding. The continuity of these data series estimates may be affected by the changing data sources and estimation methodologies. See the Technical Notes for each type of energy.  
 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/>