

Sugar Production in Hawaii 1908-2003

Sugarcane Production							Sugar Produced			By-Products	
Calendar Year <sup>a</sup>	Tons Sugar Harvested Per Acre	Cane Per Ton Sugar	Total Cane Land Acres	Acres Cane Harvested <sup>b</sup>	Tons Cane Per Acre	Tons Cane Production	Raw Tons Converted to 96° Value <sup>c</sup>	Refined Tons Equivalent <sup>d</sup>	Pounds Raw Sugar Per Ton of Cane	Tons Molasses Production <sup>e</sup>	Megawatt Hours Electricity Sold For Public Consumption
1908-1909	5.14	7.42	201,641	106,127	38.20	4,050,000	545,738	510,048	270	--	--
1909-1910	4.81	7.78	209,469	110,247	37.40	4,122,000	529,940	495,282	257	--	--
1910-1911	5.16	7.94	214,312	112,796	41.00	4,623,000	582,196	544,120	252	--	--
1911-1912	5.34	7.75	216,345	113,866	41.40	4,711,000	607,863	568,109	258	--	--
1912-1913	4.90	7.99	215,741	113,548	39.10	4,445,000	556,654	520,249	250	--	--
1913-1914	5.54	8.01	217,470	112,700	44.40	5,000,000	624,165	583,345	250	--	--
1914-1915	5.75	7.96	239,800	113,164	45.80	5,184,393	650,970	608,397	251	--	--
1915-1916	5.17	8.14	246,332	115,419	42.10	4,859,424	596,703	557,679	246	--	--
1916-1917	5.57	7.98	247,476	117,468	44.40	5,220,000	654,388	611,591	251	--	--
1917-1918	4.86	8.34	246,813	119,785	40.50	4,855,804	582,192	544,117	240	--	--
1918-1919	5.07	7.81	239,844	119,679	39.60	4,744,070	607,174	567,465	256	--	--
1919-1920	4.91	7.98	247,838	114,105	39.20	4,473,498	560,379	523,730	251	--	--
1920-1921	4.83	8.53	236,510	113,056	41.20	4,657,222	546,273	510,547	235	--	--
1921-1922	4.98	8.23	228,519	124,124	41.00	5,088,062	618,457	578,010	243	--	--
1922-1923	4.85	8.23	235,134	114,182	39.90	4,559,819	554,199	517,954	243	--	--
1923-1924	6.42	7.91	231,862	111,581	50.70	5,661,000	715,918	669,097	253	--	--
1924-1925	6.47	8.06	240,597	120,632	52.20	6,297,000	781,000	730,000	248	--	--
1925-1926	6.58	8.07	237,774	122,309	53.10	6,495,686	804,644	752,020	248	--	--
1926-1927	6.68	8.41	234,809	124,542	56.10	6,992,082	831,648	777,258	238	--	--
1927-1928	7.00	8.37	240,769	131,543	58.60	7,707,330	920,887	806,661	239	--	--
1928-1929	7.16	8.05	239,858	129,131	57.70	7,447,494	925,140	864,636	248	--	--
1929-1930	7.02	8.36	242,761	133,840	58.70	7,853,439	939,287	877,858	239	--	--
1930-1931	7.43	8.33	251,533	137,037	61.90	8,485,183	1,018,047	951,467	240	--	--
1931-1932	7.57	8.38	251,876	139,744	63.40	8,865,323	1,057,303	988,155	239	--	--
1932-1933	7.34	8.05	254,563	144,959	59.10	8,566,781	1,063,605	994,045	248	--	--
1933 (10/1-12/31)	--	--	--	--	--	--	127,317	118,990	--	--	--
1934	7.14	8.33	252,237	134,318	59.50	7,992,260	959,337	896,596	240	--	--

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1935	7.82	8.67	246,491	126,116	67.80	8,555,424	986,849	922,309	231	--	--
1936	7.97	8.80	245,891	130,828	70.10	9,170,279	1,042,376	974,149	227	--	--
1937	7.46	9.32	240,833	126,671	69.50	8,802,716	944,382	882,619	215	--	--
1938	6.92	9.39	238,302	135,978	65.00	8,835,370	941,293	879,732	213	--	--
1939	7.18	8.66	235,227	138,440	62.20	8,609,543	994,173	929,154	231	--	--
1940	7.16	8.76	235,110	136,417	62.70	8,557,216	976,677	912,802	228	--	--
1941	7.24	9.04	238,111	130,768	65.50	8,559,797	947,190	885,244	221	--	--
1942	7.58	9.10	225,199	114,745	69.00	7,918,342	870,099	813,195	220	--	--
1943	7.79	9.24	220,928	113,754	71.90	8,185,400	885,640	827,719	216	--	--
1944	7.99	8.95	216,072	109,522	71.50	7,832,185	874,947	817,725	223	--	--
1945	7.96	8.98	211,331	103,173	71.40	7,371,158	821,216	767,509	223	--	--
1946	8.06	8.83	208,376	84,379	71.10	6,002,127	680,073	635,596	227	212,230	--
1947	7.72	9.11	211,624	113,020	70.30	7,942,216	872,187	815,146	220	285,191	--
1948	8.35	9.03	206,550	100,042	75.40	7,542,613	835,107	780,491	221	254,740	--
1949	8.76	8.44	213,354	108,794	73.90	8,045,941	955,890 <sup>f</sup>	893,375	238	251,500	--
1950	8.78	8.51	220,383	109,405	74.70	8,174,821	960,961 <sup>g</sup>	898,114	235	259,130	--
1951	9.09	8.51	221,212	109,494	77.40	8,477,201	955,759	930,636	235	270,585	--
1952	9.44	8.52	221,990	108,089	80.40	8,693,920	1,020,450	953,712	235	259,360	--
1953	10.15	8.19	221,542	108,337	83.10	9,003,967	1,099,316	1,027,421	244	287,480	--
1954	10.02	8.75	220,138	107,480	87.75	9,431,781	1,077,347	1,006,889	228	306,910	--
1955	10.74	8.66	218,819	106,180	92.94	9,867,978	1,140,112	1,065,525	231	295,550	--
1956	10.28	9.01	220,606	106,956	92.65	9,909,990	1,099,543	1,027,633	222	305,580	--
1957	10.26	8.71	221,336	106,742	88.51	9,447,647	1,084,646	1,013,710	230	303,700	--
1958	9.09	9.87	221,683	84,136	89.77	7,552,750	764,953	714,925	203	307,210	--
1959	8.83	9.66	222,588	110,371	85.31	9,416,225	974,632	910,891	207	330,790	--
1960	9.03	9.20	224,617	103,584	83.15	8,613,317	935,744	876,546	217	299,590	--
1961	10.09	8.78	227,027	108,320	88.58	9,595,342	1,092,481	1,021,033	228	329,960	--

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1962	10.31	8.76	228,926	108,600	90.36	9,812,580	1,120,011	1,046,762	228	335,510	--
1963	10.25	9.12	231,321	107,436	93.39	10,033,969	1,100,768	1,028,777	219	322,610	--
1964	10.64	8.90	233,145	110,759	94.76	10,495,175	1,178,770	1,101,678	225	336,250	--
1965	11.11	8.82	235,546	109,600	97.97	10,737,507	1,217,667	1,138,033	227	340,190	--
1969	11.12	8.89	237,499	111,005	98.82	10,969,925	1,234,121	1,153,409	225	349,540	--
1967	10.65	9.27	239,813	111,837	98.74	11,045,949	1,191,042	1,113,148	216	359,170	--
1968	10.85	9.15	242,476	113,525	99.36	11,279,920	1,232,182	1,151,597	218	368,050	--
1969	10.44	9.17	242,216	113,232	95.73	10,839,272	1,182,414	1,105,060	218	340,330	--
1970	10.21	9.00	238,997	113,816	91.88	10,457,377	1,162,071	1,086,000	222	322,480	--
1971	10.62	8.69	232,278	115,810	92.26	10,685,019	1,229,976	1,149,510	230	330,227	--
1972	10.32	8.87	229,611	108,456	91.55	9,929,068	1,118,883	1,045,708	225	307,543	--
1973	10.43	8.55	226,580	108,189	89.15	9,645,452	1,128,529	1,054,723	234	301,500	--
1974	10.86	8.73	224,227	95,826	94.76	9,082,684	1,040,742	972,677	229	293,380	--
1975	10.53	8.57	221,426	105,125	90.23	9,485,299	1,107,199	1,034,788	233	301,335	--
1976	10.51	8.73	221,551	99,926	91.79	9,172,649	1,050,457	981,757	229	275,352	--
1977	10.68	8.70	220,729	96,770	92.95	8,994,388	1,033,739	966,132	230	284,349	--
1978	10.36	9.00	220,697	99,355	93.23	9,263,190	1,028,933	961,641	222	310,238	--
1979	10.53	9.09	218,773	100,610	95.74	9,632,135	1,059,737	990,430	220	325,843	--
1980	10.51	9.00	217,718	97,358	94.64	9,214,136	1,023,232	956,313	222	315,088	232,000
1981	10.74	8.43	216,099	97,573	90.51	8,831,477	1,047,541	979,032	237	311,719	214,000
1982	11.01	8.96	204,749	89,261	98.68	8,807,998	982,913	918,630	224	287,190	299,406
1983	11.25	8.55	194,258	92,808	96.18	8,926,358	1,044,204	979,913	234	303,254	288,698
1984	11.86	7.96	188,396	89,541	94.41	8,453,721	1,061,814	992,371	251	314,202	280,943
1985	12.19	7.82	187,858	83,029	95.35	7,916,459	1,012,249	946,048	256	271,645	332,871
1986	12.47	8.04	184,181	83,583	100.25	8,379,463	1,042,452	974,276	249	290,422	433,029
1987	12.32	8.18	180,966	79,498	100.79	8,012,899	979,209	915,169	244	283,250	384,419
1988	11.77	8.19	177,693	78,861	96.40	7,602,414	928,195	867,491	244	274,375	438,503

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1989	11.57	8.20	170,813	74,660	94.81	7,078,479	863,614	817,752	244	229,377	422,806
1990	11.38	7.98	161,991	71,998	90.85	6,540,925	819,631	766,027	251	220,859	411,216
1991	10.69	8.08	155,609	67,716	86.43	5,852,668	724,100	684,619	247	202,214	431,230
1992	10.50	8.33	141,790	62,123	87.44	5,432,286	652,304	609,643	240	203,739	389,660
1993	10.47	8.13	125,837	64,705	85.14	5,506,072	677,405	633,103	246	211,412	335,740
1994	10.42	8.00	121,140	64,328	81.91	5,268,859	658,539	615,470	250	200,400	359,600
1995	10.16	7.96	83,810	48,452	80.87	3,918,073	492,346	460,147	251	164,692	214,110
1996	10.18	8.10	68,816	42,934	82.51	3,542,460	437,262	408,665	247	143,434	194,680
1997 <sup>h</sup>	11.14	8.19	67,820	32,033	91.26	2,923,409	356,917	333,575	244	130,297	138,910
1998 <sup>h</sup>	11.66	7.70	62,251	30,347	89.85	2,726,978	353,893	330,748	260	125,909	N/A
1999 <sup>h</sup>	10.38	7.86	60,758	35,419	81.64	2,891,499	367,532	343,486	254	141,494	N/A
2000 <sup>h</sup>	9.97	7.85	43,821	30,195	78.30	2,364,357	301,165	281,469	255	101,605	N/A
2001	12.76	7.62	47,250	19,294	97.26	1,876,613	246,203	230,101	262	85,894	N/A
2002	12.67	7.80	47,476	21,311	98.95	2,108,809	270,084	252,421	256	89,885	N/A
2003	13.15	7.77	47,733	19,851	102.25	2,029,761	261,009	243,939	257	89,631	N/A
<sup>a</sup> Until 1934, this represented the period from October 1 through September 30.											
<sup>b</sup> The average growth of a crop is from 22 to 26 months. Only a portion of the total cane acreage is harvested each year.											
<sup>c</sup> Converted in accordance with Sugar Regulations, Series 1, No. 1, U.S. Department of Agriculture, Agricultural Adjustment Administration, issued February 18, 1935, or Section 101(h).											
<sup>d</sup> One ton of sugar, 96° test is assumed to be equivalent to 0.9346 tons of refined.											
<sup>e</sup> Actual weight; unconverted to 85% Brix.											
<sup>f</sup> Includes 2,369 tons raw sugar produced from volunteer cane for which no acreage is shown.											
<sup>g</sup> Includes 2,690 tons raw sugar produced from volunteer cane for which no acreage is shown.											
<sup>h</sup> Includes non-member production data.											