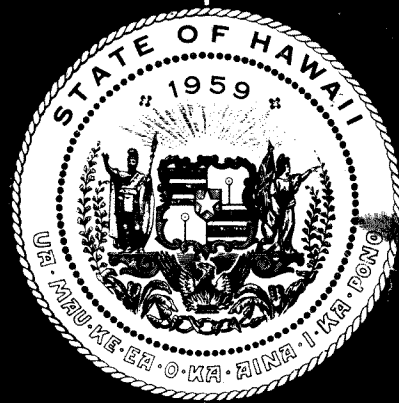


Statistical Abstract of Hawaii



1962

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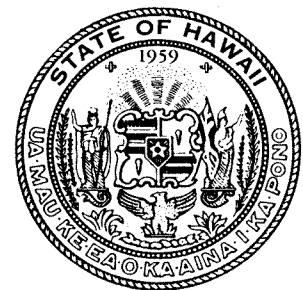
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This Abstract was prepared by Robert C. Schmitt, with the assistance of Shigeyoshi Morita and Donald Lewis.

Many government and private agencies supplied information for the Abstract. These agencies are credited in the source notes for the tables to which they contributed.

The authors are likewise indebted to the officers and membership of the Hawaii Chapter, American Statistical Association, and to the staff of the Statistical Reports Division, U. S. Bureau of the Census, for their many helpful suggestions.

Preface

The Statistical Abstract of Hawaii is intended to serve as the standard official summary of statistics on the social, economic, and political organization of the State. Like its long-established counterpart, the Statistical Abstract of the United States, it may be used as either a convenient volume of statistical reference or a guide to other statistical publications and sources.

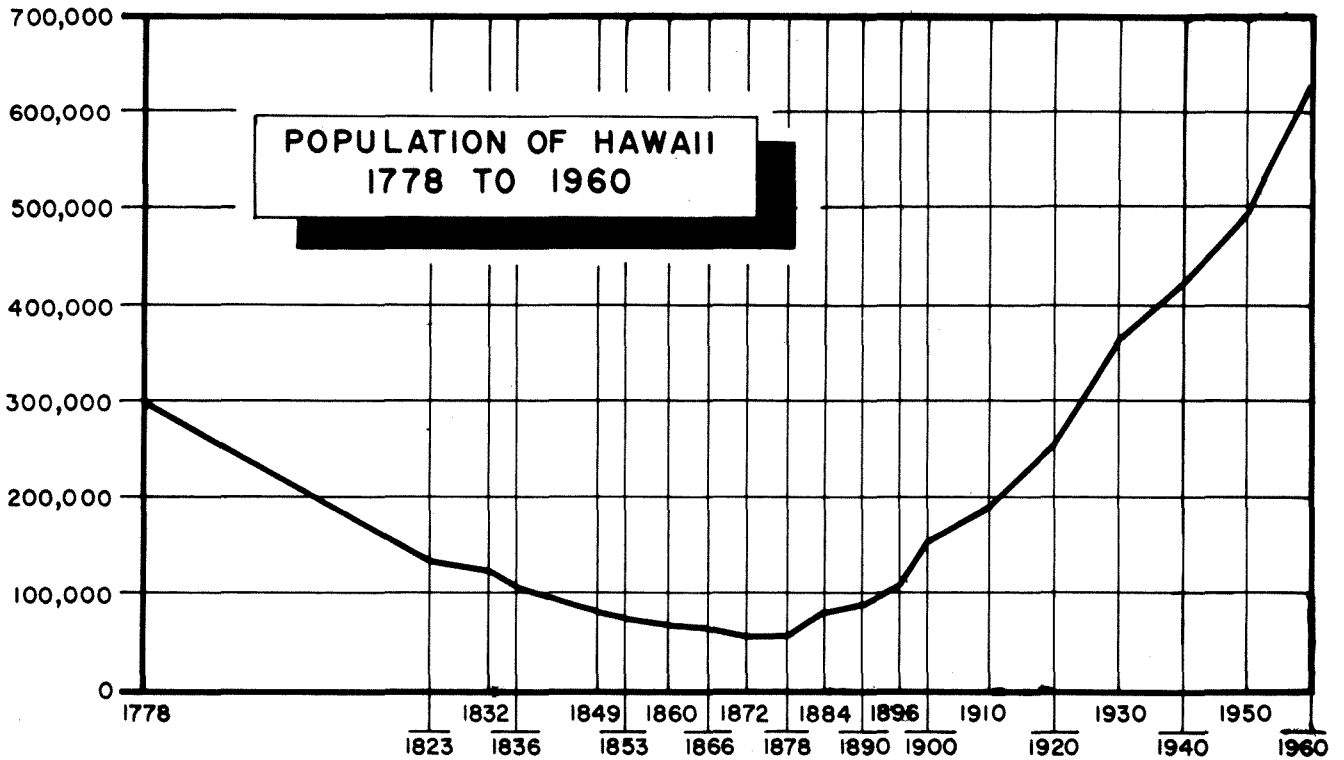
The present volume, presenting statistics available in early 1962, is the first such Abstract to be published by the State of Hawaii. Other statistical compilations on Hawaii include the County Fact Books, published by the State Department of Economic Development; All About Hawaii: Thrum's Hawaiian Annual and Standard Guide, issued by the Star-Bulletin Printing Co., Inc.; and Hawaii Facts and Figures, a publication of the Chamber of Commerce of Honolulu. These compilations differ from the present Abstract in scope, content and focus.

The Statistical Abstract of Hawaii, 1962 closely follows the organization and format of the U. S. Abstract, in order to facilitate comparison of Hawaii data with corresponding national series.

Emphasis in the Statistical Abstract is given to the most recent available State data. Historical statistics and information for counties, islands, urban places, and smaller areas are presented to a lesser extent. The publications cited as sources at the end of each table or group of tables usually contain additional statistical detail and a more complete discussion of relevant definitions and concepts than can be presented here. Persons interested in additional information should consult these sources or write to the agencies responsible for them.

PREFACE

The authors hope that users of this volume will submit their comments and suggestions, for consideration in planning future editions of the Abstract. Please write to Frank Lombardi, Director, Hawaii Department of Planning and Research, 426 Queen Street, Honolulu 13, Hawaii.

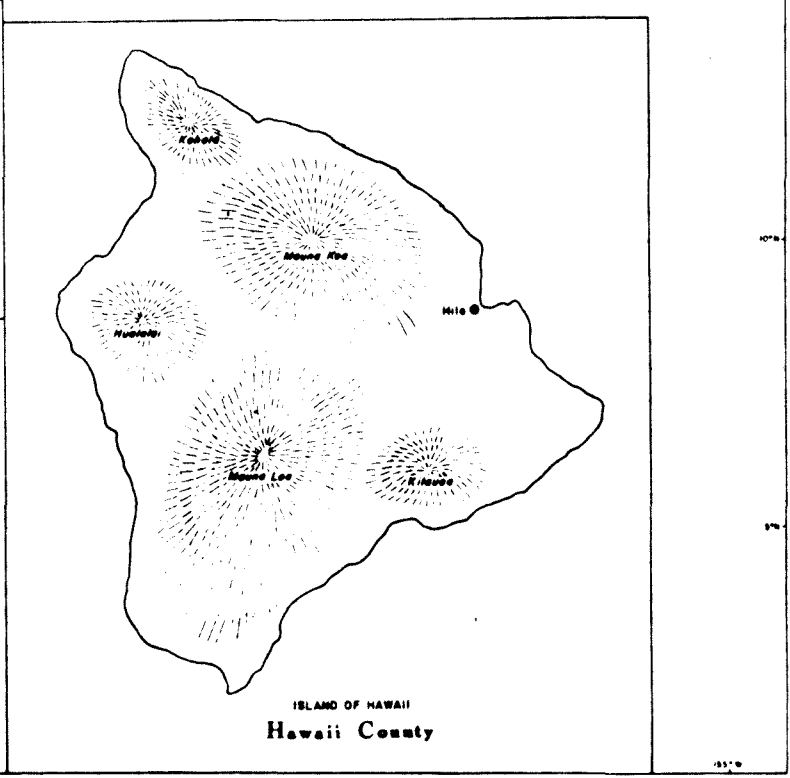
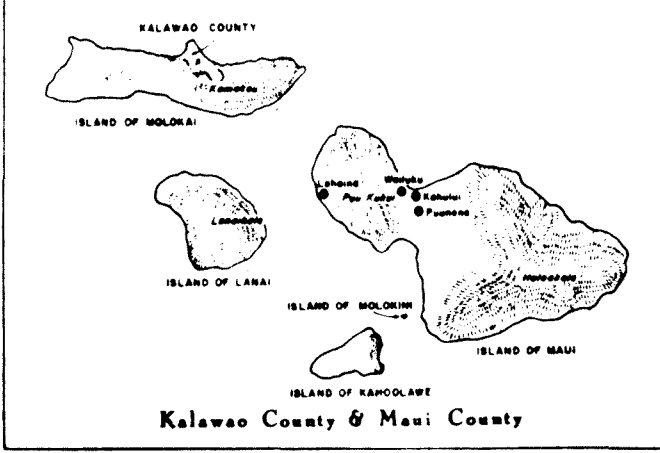
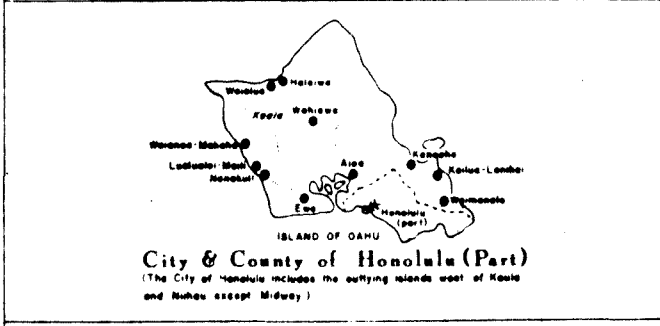
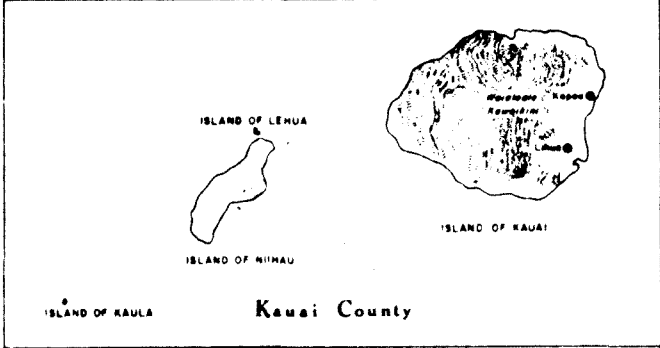
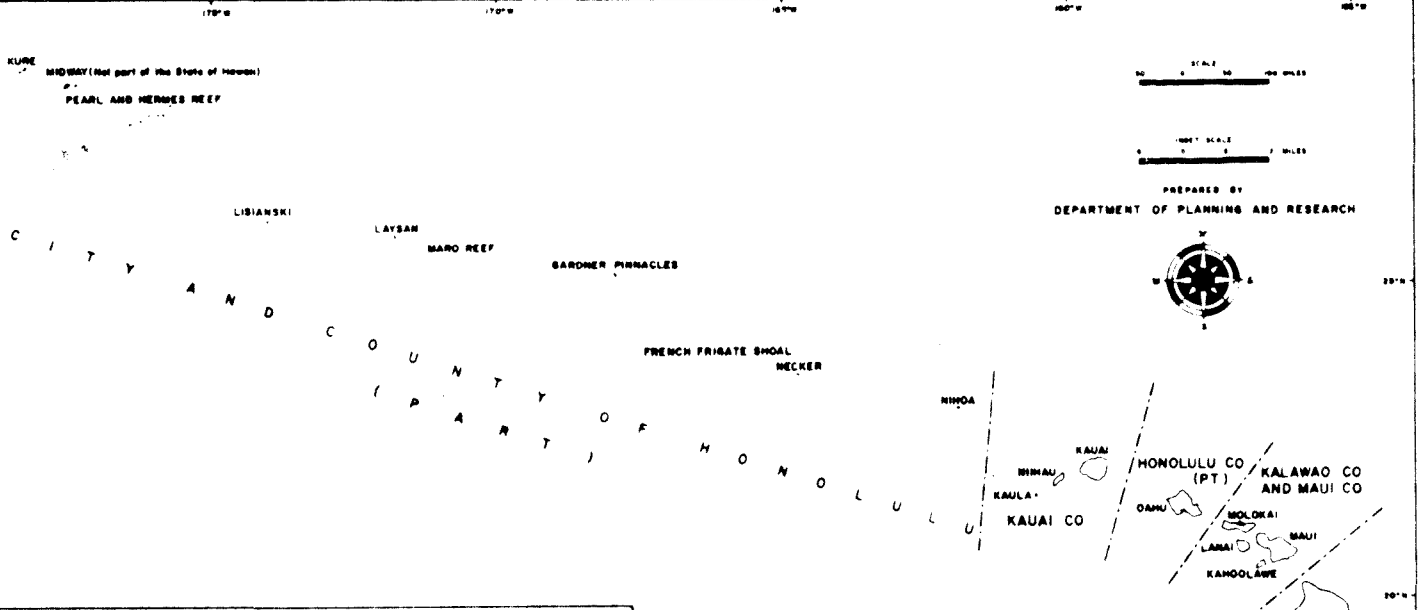


Source: Sect. I, table I

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The State of Hawaii



Section 1
Population

This section relates to the population of Hawaii, its distribution, and its characteristics. The principal source of these data is the 1960 United States Census of Population. Persons interested in more detailed information than could be included in this section should consult the various reports cited in the source references to the tables, or should address an inquiry to either the Research, Planning and Statistics Office of the State Department of Health, the Research Division of the State Department of Planning and Research, or the Romanzo Adams Social Research Laboratory of the University of Hawaii. Comparable data for the mainland appear in the Statistical Abstract of the United States: 1961, Sections 1 and 3.

Table 1.--POPULATION OF HAWAII: 1778 TO 1960

Year	Popula- tion	Annual percent increase	Year	Popula- tion	Annual percent increase
1778 ¹	300,000	...	Dec. 27, 1884...	80,578	5.4
1823 ¹	134,750	-1.7	Dec. 28, 1890...	89,990	1.8
1831-32 ¹	124,449	-1.0	Sept. 27, 1896..	109,020	3.3
1835-36 ¹	107,354	-3.5	June 1, 1900....	154,001	9.3
January 1849 ² ...	80,641	...	April 15, 1910..	191,874	2.2
January 1850....	84,165	-1.8	Jan. 1, 1920....	255,881	2.9
Dec. 20, 1853...	73,138	-3.5	Apr. 1, 1930....	368,300	3.5
Dec. 24, 1860...	69,800	-0.7	Apr. 1, 1940....	422,770	1.4
Dec. 7, 1866....	62,959	-1.7	Apr. 1, 1950....	499,794	1.7
Dec. 27, 1872...	56,897	-1.7	Apr. 1, 1960....	632,772	2.3
Dec. 27, 1878...	57,985	0.3			

¹Estimated for 1778 and 1823, partly estimated for 1831-1832 and 1835-1836.

²Deemed incomplete and disregarded in computation of rates.

Source: Estimates for 1778-1836 from Romanzo Adams, Interracial Marriage in Hawaii (1937), p. 8; 1849-1960 from official census reports, cited in Robert C. Schmitt, Population Trends in Hawaii and French Polynesia (Romanzo Adams Social Research Laboratory, University of Hawaii, March 1961).

POPULATION

Table 2.--TOTAL POPULATION, 1831 TO 1960, AND CIVILIAN POPULATION, 1962, BY GEOGRAPHIC AREA

Geographic area	Total population ¹						Civil. popul.: 1962 ²	<i>Civilian plus military 1962</i>
	1831-32	1878	1910	1940	1950	1960		
The State....	130,313	57,985	191,874	422,770	499,794	632,772	631,927	691,444
Hawaii Co.	45,792	17,034	55,382	73,276	68,350	61,332	61,487	61,635
Hilo city.....	...	...	6,745	23,353	27,198	25,966	26,096	
Remainder.....	...	...	48,637	49,923	41,152	35,366	35,391	
Honolulu Co. ³	29,755	20,236	81,993	257,696	353,020	500,409	500,337	539,511
Honolulu city ³ ..	5,522	14,114	52,183	179,358	248,034	294,194	317,890	
Remainder.....	24,233	6,122	29,810	78,338	104,986	206,215	182,447	
Kalawao Co. ⁴.....	...	806	785	446	340	279	245	245
Kauai Co.	12,024	5,811	23,952	35,818	29,905	28,176	27,967	28,097
Kauai Isl.	10,977	5,634	23,744	35,636	29,683	27,922	27,708	
Niihau Isl.	1,047	177	208	182	222	254	259	
Maui Co.	42,742	14,098	29,762	55,534	48,179	42,576	41,891	41,926
Kahoolawe Isl. .	80	-	2	1	-	-	-	-
Lanai Isl.	1,600	214	131	3,720	3,136	2,115	2,289	2,289
Maui Isl.	35,062	12,109	28,623	46,919	40,103	35,717	34,266	34,284
Molokai Isl. ⁴ ...	6,000	1,775	1,006	4,894	4,940	4,744	5,336	5,353

¹By place of usual residence. Includes military personnel and dependents in Hawaii. Kahoolawe, Lanai and Molokai estimated for 1831-1832; for revised State totals, see table 1 of this section.

²De facto basis, including visitors present and excluding residents absent. Excludes military personnel but includes their dependents. Preliminary estimate as of January 1.

³Includes Palmyra Island (32 in 1940) and French Frigate Shoal (14 in 1950, 15 in 1960). Honolulu count for 1831-1832 refers to urban nucleus of Honolulu district; thereafter, to entire district.

⁴Kalawao (Kalaupapa Settlement, Molokai) included with Molokai for 1831-1832 but reported separately thereafter.

Source: Missionary and governmental census reports, cited in the Hawaii Department of Planning and Research, Population Trends in Hawaii, 1778-1960 (Research Report 3, April 11, 1961); Hawaii Department of Health, mimeographed estimate for January 1, 1962.

POPULATION

Table 3.--ESTIMATED AND PROJECTED POPULATION, TOTAL AND CIVILIAN: 1940 TO 2000

(In thousands. As of July 1.)

Year	Total	Civ.	Year	Total	Civ.	Year	Total	Civ.
1940.....	428	398	1950.....	491	470	1960.....	642	582
1941.....	459	411	1951.....	513	469	1961.....	657	597
1942.....	582	446	1952.....	515	460			
1943.....	650	450	1953.....	511	463			
1944.....	859	452	1954.....	507	469	1965.....	755	710
1945.....	815	460	1955.....	541	485	1970.....	846	801
1946.....	545	480	1956.....	561	503	1975.....	939	894
1947.....	526	488	1957.....	585	525	1980.....	1,038	993
1948.....	517	484	1958.....	605	550	1990.....	...	1,242
1949.....	511	480	1959.....	620	564	2000.....	...	1,490

Source: U. S. Bureau of the Census, Current Population Reports, Series P-25, No. 80 (October 7, 1953), No. 229 (May 22, 1961), and No. 239 (December 13, 1961); Hawaii Department of Planning and Research, Population Projections for Hawaii, 1960-1980 (Research Report 10, August 15, 1961).

Table 4.--POPULATION PER SQUARE MILE, 1920 TO 1960, AND BY ISLAND, 1960

Year	State density	Island	1960 density	Island	1960 density
1920.....	39.9	Hawaii.....	15.3	Molokai....	19.4
1930.....	57.4	Kahoolawe..	...	Niihau.....	3.5
1940.....	65.9	Kauai.....	50.7	Oahu.....	841.0
1950.....	77.9	Lanai.....	15.0	Outlying	
1960.....	98.6	Maui.....	49.1	islands..	5.0

Source: Computed from U. S. Bureau of the Census, U. S. Census of Population; 1960. Number of Inhabitants, Hawaii.

POPULATION

Table 5.--POPULATION, URBAN AND RURAL: 1930 TO 1960

Year	The State	Number of urban places	Urban population	Percent urban	Rural population	Percent increase	
						Urban	Rural
1930...	368,300	12	197,937	53.7	170,363	...	...
1940...	422,770	17	264,262	62.5	158,508	33.5	-7.0
1950...	499,794	17	344,869	69.0	154,925	30.5	-2.3
1960...	632,772	19	483,961	76.5	148,811	40.3	-3.9

Table 6.--POPULATION IN URBAN PLACES AND RURAL TERRITORY: 1960

Place	Popula- tion	Place	Popula- tion
The State.....	632,772	Other urban places (con.):	
Honolulu urbanized area.....	351,336	Lahaina.....	3,423
Honolulu.....	294,194	Lihue.....	3,908
Aiea.....	11,826	Lualualei-Maili.....	5,045
Remainder ¹	45,316	Nanakuli.....	2,745
Other urban places.....	132,625	Puunene.....	3,054
Ewa.....	3,257	Wahiwa.....	15,512
Haleiwa.....	2,504	Waiialua.....	2,689
Hilo.....	25,966	Waianae-Makaha.....	6,844
Kahului.....	4,223	Wailuku.....	6,969
Kailua-Lanikai.....	25,622	Waimanalo.....	3,011
Kaneohe.....	14,414	Rural territory.....	148,811
Kapaa.....	3,439	Percent rural.....	23.5

¹Includes Pearl City and Waipahu, not separately reported.

Source of tables 5 and 6: U. S. Bureau of the Census, U. S. Census of Population: 1960. Number of Inhabitants, Hawaii.

POPULATION

Table 7.--CHARACTERISTICS OF THE POPULATION: 1849 TO 1960

Year	Age (percent)		Males per 1,000 females	Percent married ¹		Place of birth (percent) ¹		
	Under 15	45 or over		Males	Females	Hawaii	Cont. U. S.	Other
1849..	25.9	27.3	1,095	...	...	98.4		1.6
1878..	28.0	18.4	1,428	48.0	72.8	83.6	2.2	14.2
1900..	22.6	10.8	2,233	36.7	77.9	38.3	2.8	59.0
1920..	35.5	16.0	1,443	50.5	75.7	53.3	4.3	42.4
1940..	31.0	15.6	1,376	39.1	56.3	65.8	12.8	21.4
1950..	31.2	18.1	1,212	52.3	61.6	71.1	13.1	15.7
1960..	34.4	20.0	1,148	57.7	66.4	66.6	21.8	11.7

¹Percent of population 15 and over through 1920, 14 and over thereafter. Not available for 1849.

Source: Official census reports, cited in Robert C. Schmitt, Population Trends in Hawaii and French Polynesia (Romanzo Adams Social Research Laboratory, University of Hawaii, March 1961) and Hawaii Department of Planning and Research, Population Trends in Hawaii, 1778-1960 (Research Report 3, April 11, 1961).

Table 8.--ETHNIC STOCK: 1853 TO 1960

Year	All groups	Caucasian	Chinese	Filipino	Japanese	Haw'n	Part Haw'n	Other ¹
1853...	73,137	1,687	364	5	...	70,036	983	62
1890...	89,990	18,939	16,752	...	12,610	34,436	6,186	1,067
1920...	255,912	49,140	23,507	21,031	109,274	23,723	18,027	11,210
1950...	499,769	114,793	32,376	61,062	184,598	12,245	73,845	20,850
1960...	632,772	202,230	38,197	69,070	203,455	119,820		

¹Includes Korean, Negro, Samoan, American Indian, and (except for 1960) Puerto Rican. Puerto Ricans were classified as Caucasian or Negro in 1960.

Source: Andrew W. Lind, Hawaii's People (1955), p. 27; U. S. Bureau of the Census, U. S. Census of Population: 1960, General Population Characteristics, Hawaii.

POPULATION

Table 9.--AGE BY SEX: 1960

Age in years	Total	Male	Female	Age in years	Total	Male	Female
All ages..	632,772	338,173	294,599	50 to 54....	26,065	15,876	10,189
Under 5.....	80,962	41,266	39,696	55 to 59....	22,012	13,103	8,909
5 to 9.....	72,778	37,175	35,603	60 to 64....	15,771	8,572	7,199
10 to 14.....	64,018	32,679	31,339	65 to 69....	10,959	5,527	5,432
15 to 19.....	54,821	30,622	24,199	70 to 74....	8,688	5,021	3,667
20 to 24.....	50,606	30,403	20,203	75 to 79....	5,090	2,734	2,356
25 to 29.....	44,553	22,411	22,142	80 to 84....	2,845	1,546	1,299
30 to 34.....	48,936	24,177	24,759	85 and over.	1,580	884	696
35 to 39.....	49,245	25,167	24,078	Under 18....	250,913	128,272	122,641
40 to 44.....	40,358	21,443	18,915	65 and over.	29,162	15,712	13,450
45 to 49.....	33,485	19,567	13,918	Median age..	24.3	24.5	24.1

Source: U.S. Bureau of the Census, U. S. Census of Population: 1960. General Population Characteristics, Hawaii.

Table 10.--COMPONENTS OF POPULATION CHANGE: 1950 TO 1960

Group	All components	Births	Deaths	Net migration	Net loss to armed forces
Total population.....	133,000	161,000	31,000	73,000	...
White.....	87,000	40,000	8,000	75,000	...
Nonwhite.....	46,000	121,000	23,000	-52,000	...
Civilian population....	100,000	161,000	31,000	-25,000	5,000

Source: U. S. Bureau of the Census, "Preliminary Estimates of the Components of Population Changes, by States: 1950 to 1960" and "Estimates of the Components of Population Change by Color, for States: 1950 to 1960," Current Population Reports, Series P-25, No. 227 (April 26, 1961) and No. 247 (April 2, 1962).

POPULATION

Table 11.--INTENDED RESIDENTS ARRIVING BY WESTBOUND CIVILIAN CARRIER: 1956 TO 1961

Subject	1956	1957	1958	1959	1960	1961
Number arriving.....	11,268	16,676	16,412	18,374	15,030	16,720
Military personnel.....	1,840	2,668	2,440	2,506	2,088	2,975
Civilians ¹	9,428	14,008	13,972	15,868	12,942	13,745
Males per 100 females.....	79	79	74	100	103	114
Median age (years).....	23.2	22.5	22.4	23.6	24.6	23.6

¹Includes military dependents (2,950 in 1961), other civilians (9,875), and persons not reporting status (1920).

Source: Hawaii Department of Planning and Research, Hawaii's In-Migrants, Fourth Quarter 1961 (Research Report 18, February 19, 1962).

Table 12.--POPULATION BORN OR LIVING IN HAWAII, BY PLACE OF BIRTH AND RESIDENCE: 1850 TO 1960

Year	Persons living in Hawaii				Persons born in Hawaii ¹		
	Total	Born in Hawaii	Born elsewhere		Total alive	Living in Cont. U.S.	
			Number	Pct.		Number	Pct.
1850...	84,165	82,574	1,591	1.9	83,162	588	0.7
1900...	154,001	58,931	95,070	61.7	60,238	1,307	2.2
1950...	499,794	355,574	144,220	28.9	407,529	51,955	12.7
1960...	632,772	421,168	211,604	33.4	(NA)	(NA)	(NA)

NA Not available.

¹Limited to Hawaii-born persons living in Hawaii and the continental United States.

Source: Robert C. Schmitt, "A Century of Hawaiian Out-Migration," Social Process in Hawaii, Vol. 20, 1956, p. 39, and Hawaii Department of Planning and Research, Hawaiian Migration, 1950-1961 (Research Report 21, March 20, 1962).

POPULATION

Table 13.--NATIVITY, STATE OF BIRTH, AND PARENTAGE: 1960

Subject	Number
Total population.....	632,772
Native population.....	563,872
Born in Hawaii.....	421,168
Born elsewhere.....	133,954
State not reported.....	8,750
Foreign born.....	68,900
Native population:	
Native parentage.....	390,188
Foreign or mixed parentage..	173,684

Table 14.--RESIDENCE 5 YEARS PRIOR TO CENSUS DATE: 1960

Residence in 1955	Number
5 years and over, 1960...	551,781
Same house as in 1960.....	240,895
Diff. house, same county.....	175,971
Different county in Hawaii...	15,281
Different State.....	94,768
Abroad.....	19,402
Moved, 1955 residence not reported.....	5,464

Table 16.--HOUSEHOLD RELATIONSHIP:
1960

Household relationship	Number
Total population.....	632,772
In households.....	592,807
Head of household.....	153,064
Wife of head.....	112,452
Child under 18 of head.....	226,103
Other relative of head.....	87,858
Nonrelative of head.....	13,330
Inmate of institution.....	4,621
In other group quarters.....	35,344

Table 15.--MARRIED COUPLES, FAMILIES,
AND UNRELATED INDIVIDUALS: 1960

Subject	Number
Married couples.....	120,192
With own household.....	112,937
Without own household.....	7,255
Families.....	130,871
Unrelated individuals.....	67,996

Source of tables 13 to 15: U. S. Bureau of the Census, U. S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii.

POPULATION

Table 17.--MARITAL STATUS, BY SEX: 1960

Sex	14 years and over	Single	Married		Widowed	Divorced
			Total	Separated		
Male.....	232,805	84,965	134,421	1,553	7,075	6,344
Female.....	193,684	44,376	128,528	1,138	15,099	5,681

Table 18.--CHARACTERISTICS OF THE POPULATION, BY GEOGRAPHIC AREA: 1960

Geographic area	Median age (years)	Males per 1,000 females	Ethnic stock (%)		% 14 & over married		Households	Persons per household
			Cauc.	Jap.	Male	Female		
The State.....	24.3	1,148	32.0	32.2	57.7	66.4	153,064	3.87
Counties:								
Hawaii.....	27.4	1,159	17.8	43.7	56.3	65.1	15,789	3.82
Honolulu.....	23.8	1,145	35.7	29.7	57.8	66.5	117,856	3.92
Kalawao.....	44.5	1,709	17.9	12.9	47.7	64.1	117	1.59
Kauai.....	29.6	1,205	18.1	39.7	58.4	68.0	8,078	3.44
Maui.....	28.2	1,126	17.2	39.4	59.3	65.9	11,224	3.74
Cities:								
Hilo.....	26.5	1,060	20.5	46.8	60.4	63.7	6,373	3.98
Honolulu.....	26.2	1,036	27.3	37.0	60.4	62.7	76,675	3.70
Kailua-Lanikai...	20.9	1,006	59.9	14.3	74.9	74.5	6,128	4.17

Source of tables 16 to 18: U. S. Bureau of the Census, U. S. Census of Population: 1960. General Population Characteristics, Hawaii.

POPULATION

Table 19.--RELIGION OF PERSONS 20 YEARS OF AGE OR MORE, FOR OAHU: 1960

Sex	Total	None	Roman Cath.	Mor-mon	Prot.	Budd-hist	Other and not rptd.
Both sexes.....	100.0	12.1	27.6	2.7	39.0	15.8	2.8
Male.....	100.0	16.0	27.9	2.5	34.2	17.6	1.8
Female.....	100.0	8.1	27.3	2.9	43.8	14.0	3.9

Source: University of Hawaii, Economic Research Center, An Analysis of Alcohol Consumption Patterns on Oahu, a confidential report prepared for the City and County of Honolulu Liquor Commission (June 1961), Part I, p. 22. Based on a sample of 1,056 males and 1,050 females. Quoted with permission.

Table 20.--RESIDENT ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM, 1940 TO 1961, AND ALIENS NATURALIZED, 1950 TO 1961

Aliens reporting under alien address program				Aliens naturalized	
Year ending June 30	Number	Country of origin	Number	Year ending June 30	Number
1940....	91,447	Jan. 1961, total....	46,873	1950....	1,087
1951....	66,181	Philippines.....	21,384	1955....	2,741
1959....	52,389	Japan.....	16,857	1959....	1,111
1960....	51,316	China, Formosa....	1,366	1960....	2,377
1961....	50,101	All others.....	7,266	1961....	1,668

Source: U. S. Department of Justice, Immigration and Naturalization Service, records.

Section 2
Vital Statistics and Health

This section presents vital statistics -- data on births, deaths, marriages, divorces -- and data on morbidity, hospitals, and related subjects. The leading sources for such information are the Annual Report, Department of Health, State of Hawaii, Statistical Supplement and The Hawaii Health Survey, Description and Selected Results, Oahu, Hawaii, October 1958-September 1959. The latter study was published by the U. S. Department of Health, Education, and Welfare, Public Health Service, which also issues an annual report, Vital Statistics of the United States. Detailed data can be obtained from personnel of the Research, Planning and Statistics Office of the State Department of Health. Section 2 of the Statistical Abstract of the United States: 1961 presents comparable data for the United States.

Table 1.--VITAL EVENTS OCCURRING IN HAWAII: ANNUAL AVERAGES, 1900 TO 1961

Years	Live births	Deaths ¹	Marriages	Divorces	Deaths under 1 year	Maternal deaths	Still-births ²
1900-1904 ³	2,094	2,685	1,183	(NA)	643	36	89
1905-1909 ⁴	3,632	2,845	1,684	(NA)	788	39	97
1910-1914.....	5,552	3,330	2,783	(NA)	1,077	44	163
1915-1919.....	8,731	3,787	2,506	(NA)	1,204	66	277
1920-1924.....	11,281	4,308	2,621	561	1,348	78	378
1925-1929.....	11,920	4,108	2,656	616	1,166	75	384
1930-1934.....	10,144	3,673	2,651	558	776	62	303
1935-1939.....	9,023	3,329	3,533	756	577	36	219
1940-1944.....	10,903	3,002	5,676	1,359	414	24	198
1945-1949.....	13,657	3,003	5,551	1,321	390	15	192
1950-1954.....	15,286	2,863	5,635	1,243	342	9	210
1955-1959.....	16,845	3,146	5,034	1,287	384	6	242
1960.....	17,193	3,456	5,237	1,270	399	5	261
1961.....	17,560	3,366	5,298	1,556	382	9	254

Footnotes and source reference follow table 2.

VITAL STATISTICS AND HEALTH

Table 2.--VITAL EVENTS OCCURRING IN HAWAII: ANNUAL RATES, 1900 TO 1961

Years	Per 1,000 population				Per 1,000 live births		
	Live births	Deaths ¹	Marriages	Divorces	Deaths under 1 year	Maternal deaths	Stillbirths ²
1900-1904 ³	12.9	16.6	7.4	(NA)	273.6	11.5	33.0
1905-1909 ⁴	20.1	15.7	9.3	(NA)	202.6	10.8	26.6
1910-1914.....	26.5	15.9	13.3	(NA)	194.0	7.9	29.3
1915-1919.....	35.2	15.3	10.1	(NA)	137.9	7.6	31.7
1920-1924.....	39.5	15.1	9.2	2.0	119.5	6.9	33.5
1925-1929.....	35.2	12.1	7.8	1.8	97.8	6.3	32.2
1930-1934.....	26.9	9.7	7.0	1.5	76.5	6.1	29.8
1935-1939.....	22.5	8.3	8.8	1.9	63.9	3.5	24.3
1940-1944 ⁵	24.8	6.8	12.9	3.1	38.0	2.2	18.2
1945-1949 ⁵	28.7	6.3	11.7	2.8	28.6	1.1	14.0
1950-1954 ⁵	32.5	6.1	12.0	2.6	22.3	0.6	13.8
1955-1959 ⁵	31.4	5.9	9.4	2.4	22.8	0.4	14.4
1960 ⁵	28.9	5.8	8.8	2.1	23.2	0.3	15.1
1961 ⁵	28.7	5.5	8.6	2.5	21.8	0.5	14.5

NA Not available.

¹Excludes deaths to military personnel beginning in 1941.

²Fetal deaths of 20 weeks or longer gestation.

³Based on 1901-1904 data for marriages, 1902 data for deaths under 1 year, and 1902-1904 data for maternal deaths and stillbirths.

⁴Deaths under 1 year based on 1906-1909 data.

⁵Annual rates for live births, deaths, marriages and divorces based on civilian population only beginning in 1941.

Source: Hawaii Department of Health, records.

Table 3.--CHILDREN UNDER 5 PER 1,000 WOMEN 15 TO 44: 1872 TO 1960

Year	Ratio	Year	Ratio	Year	Ratio
1872.....	454	1896.....	727	1930.....	767
1878.....	545	1900.....	575	1940.....	455
1884.....	570	1910.....	697	1950.....	569
1890.....	612	1920.....	781	1960.....	603

Source: Hawaii Department of Planning and Research, Population Trends in Hawaii, 1778-1960 (Research Report 3, April 11, 1961).

VITAL STATISTICS AND HEALTH

Table 4.--FERTILITY, BY RACE: 1950

Subject	All races	Haw'n, pt. Haw'n	Caucasian	Chinese	Filipino	Japanese	Other races
Children ever born per 1,000 females 45 & over..	4,566	4,561	2,986	5,115	5,450	5,261	5,329
Children under 5 per 1,000 women 15-44.....	570	860	487	496	902	462	609

Source: U. S. Bureau of the Census, U. S. Census of Population: 1950, Detailed Characteristics, Hawaii.

Table 5.--ABRIDGED LIFE TABLE: 1949-1951

Period of life between two exact ages, in years (x to x + n)	Proportion of persons alive at beginning of interval dying during interval (n^d_x)	Number living at beginning of interval (l_x)	Number dying during interval (n^d_x)	Average number of years of life remaining at beginning of interval (o_{e_x})
Male:				
0-1.....	0.028841	100,000	2,884	67.76
20-25.....	.006937	95,374	667	50.86
40-45.....	.019813	91,755	1,818	32.41
60-65.....	.118271	74,921	8,861	16.79
80-85.....	.432600	27,473	11,885	6.93
Female:				
0-1.....	0.021663	100,000	2,166	71.27
20-25.....	.004301	96,550	415	53.71
40-45.....	.019114	93,930	1,795	34.87
60-65.....	.096247	81,142	7,810	18.42
80-85.....	.382343	36,460	13,940	7.16

Source: Hawaii Department of Health, Abridged Life Tables by Sex, Territory of Hawaii, 1939-1941 and 1949-1951 (1957).

VITAL STATISTICS AND HEALTH

Table 6.--LIVE BIRTHS: 1960

Subject	Number	Subject	Number
Total ¹	17,193	Males per 1,000 females.....	1,064
Place of occurrence:		Gestation period: percent	
Hawaii County.....	1,226	under 40 weeks.....	16.5
Honolulu County.....	14,478	Median birth weight (grams)..	3,214
Kalawao County.....	-	Percent attended by physician	
Kauai County.....	592	in hospital.....	99.1
Maui County.....	897	Percent first born to mother.	25.1
Race of child:		Percent plural births.....	1.7
Caucasian.....	5,048	Percent with father in armed	
Hawaiian.....	90	forces.....	29.5
Part Hawaiian.....	4,695	Percent with both parents of	
Chinese.....	721	same race.....	69.5
Filipino.....	1,892	Median age (years):	
Japanese.....	3,852	Father.....	29.4
Other races.....	895	Mother.....	26.1

¹By place of occurrence; births to Hawaii residents numbered 17,177.

Table 7.--ILLEGITIMATE BIRTHS: 1960

Subject	Number	Per 1,000 births	Subject	Number	Per 1,000 births
The State.....	882	51.3	By race of child:		
By county of residence:			Caucasian.....	140	27.8
Hawaii County.....	68	55.8	Hawaiian.....	36	400.0
Honolulu County.....	738	51.0	Part Hawaiian.....	411	87.6
Kalawao County.....	-	0	Chinese.....	18	25.0
Kauai County.....	24	41.0	Filipino.....	133	70.3
Maui County.....	52	58.3	Japanese.....	76	19.7
			Other races.....	68	76.0

VITAL STATISTICS AND HEALTH

Table 8.--CIVILIAN DEATHS: 1960

Subject	Deaths	Subject	Deaths
Total ¹	3,540	Cause:	
County:		Tuberculosis.....	13
Hawaii County.....	497	Other infect. diseases.....	24
Honolulu County.....	2,561	Cancer and other malignant neoplasms.....	614
Kalawao County.....	1	Asthma.....	32
Kauai County.....	209	Diabetes mellitus.....	92
Maui County.....	272	Cerebral hemorrhage.....	311
Age:		Diseases of the heart.....	1,183
Under 1 year.....	399	Other circulatory diseases..	107
1 to 4 years.....	52	Influenza, pneumonia.....	130
5 to 14 years.....	66	Ulcers.....	22
15 to 24 years.....	83	Diarrhea, enteritis.....	16
25 to 44 years.....	304	Cirrhosis of liver.....	45
45 to 64 years.....	957	Nephritis.....	48
65 to 74 years.....	738	Deliveries and complications of pregnancy, childbirth, puerperium.....	5
75 years and over....	941	Congenital malformations....	79
Sex:		Diseases of early infancy...	270
Male.....	2,209	Motor vehicle accidents.....	95
Female.....	1,331	Tidal wave.....	57
Race:		Other accidents.....	85
Caucasian.....	875	Suicide.....	47
Hawaiian.....	233	Homicide.....	20
Part Hawaiian.....	449	All other causes.....	245
Chinese.....	265	Method of disposition:	
Filipino.....	431	Burial.....	2,118
Japanese.....	1,094	Cremation.....	1,219
Other races.....	193	Other.....	203

¹By place of occurrence; deaths to Hawaii residents numbered 3,456. Excludes 56 military deaths occurring in Hawaii.

VITAL STATISTICS AND HEALTH

Table 9.--INFANT DEATHS: 1960

Subject	Number	Per 1,000 births	Subject	Number	Per 1,000 births
Under 1 year ¹	399	23.2	Race of child:		
Age at death:			Caucasian.....	98	19.4
Under 1 day.....	191	11.1	Hawaiian.....	5	55.6
1 to 27 days.....	125	7.3	Part Hawaiian...	120	25.6
28 to 364 days.....	83	4.8	Chinese.....	20	27.7
Place of occurrence:			Filipino.....	45	23.8
Hawaii County.....	29	23.6	Japanese.....	84	21.8
Honolulu County.....	341	23.6	Other races.....	27	30.2
Kauai County.....	12	20.3	Sex:		
Maui County.....	17	19.0	Male.....	222	25.0
			Female.....	177	21.2

¹By place of occurrence; infant deaths to Hawaii residents numbered 396, with a rate of 23.0.

Table 10.--FETAL DEATHS: 1960

Gestation period (weeks)	Deaths
Total.....	1,026
Under 12 weeks.....	572
12 to 19 weeks.....	193
20 to 27 weeks.....	87
28 to 35 weeks.....	66
36 to 39 weeks.....	40
40 weeks and over.....	52
Unknown.....	16

Table 11.--MATERNAL DEATHS: 1960

Age of mother	Number	Per 1,000 births
All ages....	5	0.29
Under 25 years...	1	0.13
25 to 34 years...	2	0.25
35 years or over.	2	1.23

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Table 12.--MARRIAGES AND DIVORCES OR ANNULMENTS: 1960

Subject	Marriages	Subject	Divorces or annulments
Marriages ¹	5,237	Divorces and annulments ¹ ...	1,270
Hawaii County.....	426	Divorces.....	1,241
Honolulu County.....	4,359	Annulments.....	29
Kalawao County.....	1	Percent occurring on Oahu..	88.9
Kauai County.....	165	Percent interracial.....	36.9
Maui County.....	286	Percent of grooms in	
Percent interracial.....	37.3	armed forces.....	16.5
Percent of grooms in armed		Percent with children	
forces.....	25.5	under 18.....	72.8
Previously married (percent):		Median age (years):	
Grooms.....	20.4	Grooms.....	34.3
Brides.....	22.7	Brides.....	31.3
Median age (years):		Cause (percent):	
Grooms.....	25.5	Desertion.....	8.8
Brides.....	23.1	Mental suffering.....	79.9
		All others.....	11.3

¹By place of occurrence. Includes 4,921 marriages and 991 divorces and annulments in which both partners were Hawaii residents, 233 marriages and 277 divorces in which one partner was a resident and the other a non-resident, and 83 marriages and 2 divorces in which both partners were non-residents.

Table 13.--SELECTED COMMUNICABLE DISEASES: 1960

Disease	Cases	Deaths	Disease	Cases	Deaths
Chicken pox.....	1,510	-	Mumps.....	1,651	-
Gonorrhoea.....	252	-	Pneumonia, infect....	337	122
Hansen's Disease.....	20	2	Poliomyelitis, par...	8	-
Influenza.....	3,203	7	Salmonellosis.....	183	-
Measles.....	5,033	2	Tuberculosis.....	462	13

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Table 14.--HOSPITAL STATISTICS: 1960

Type of program	Hos- pitals with program ¹	Beds		Bassi- nets	Aver- age cen- sus	Per- cent occu- pancy	Ad- missions
		Total	Accept- able ²				
Civilian hospitals..	34	5,087	4,145	393	3,626	71	82,327
General.....	23	2,147	1,695	292	1,128	52	66,933
Allied special ³	4	281	281	101	173	62	11,605
Tuberculosis.....	5	673	673	-	480	71	604
Mental.....	4	1,207	1,207	-	1,350	111	1,922
Long-term.....	8	319	289	-	218	68	1,248
Hansen's Disease.....	2	460	-	-	276	60	15
Military hospital ⁴	1	1,000	1,000	63	652	65	19,400

¹Includes 19 civilian hospitals on Oahu and 15 on other islands (6 on Hawaii, 3 on Maui, 3 on Kauai, 2 on Molokai, and 1 on Lanai). Many hospitals offer more than one type of program.

²Based on federally approved criteria.

³Includes 1 pediatrics program, 1 orthopedic, 1 maternity and gynecological, and 1 rehabilitation.

⁴Data supplied by Tripler Army Hospital.

Table 15.--MOVEMENT OF WARD POPULATION AT WAIMANO TRAINING SCHOOL AND HOSPITAL (FOR THE MENTALLY RETARDED): JULY 1, 1959 TO JUNE 30, 1960

In-movement	Inmates	Out-movement	Inmates
Admissions.....	47	Home leave placement...	1,086
Return from home leave.	1,084	Death.....	20
Other in-movement.....	11	Other out-movement.....	13

VITAL STATISTICS AND HEALTH

Table 16.--MOVEMENT OF PATIENTS AND CHARACTERISTICS OF ADMISSIONS, FOR HAWAII STATE HOSPITAL (PSYCHIATRIC): JULY 1, 1960 TO JUNE 30, 1961

Patient movement	Inmates	Characteristics of admissions	Inmates
Added.....	629	Number admitted.....	593
New admissions.....	289	Hawaiian or pt. Haw'n.....	90
Readmissions.....	160	Caucasian.....	201
Returned from cond. disch..	144	Chinese	24
Returned from escape.....	36	Filipino.....	65
Removed.....	623	Japanese.....	179
Fully discharged.....	170	Other races.....	34
Conditionally discharged...	360	Median age (years).....	37.7
Escaped.....	40	Males per 100 females.....	122.9
Deceased.....	53	Percent from Oahu.....	87.2
In residence, June 30.....	1,180		

Source of tables 6 to 16: Annual Report, Department of Health, State of Hawaii, Statistical Supplement, 1960.

Table 17.--PHYSICIANS AND DENTISTS: 1959

Profession	Number	Per 100,000 civilian residents
Physicians.....	620	104
Dentists.....	401	67

Source: U. S. Public Health Service data cited in Statistical Abstract of the United States: 1961, p. 69.

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Table 18.--HEALTH STATISTICS FOR THE CIVILIAN NON-INSTITUTIONAL POPULATION OF OAHU:
OCTOBER 1958 TO SEPTEMBER 1959

Subject	Number	Subject	Number
Estimated population.....	461,900	Restricted-activity days ¹ ...	5,380.7
Dental visits during year ¹	1,358	Per person per year.....	11.7
Visits per person.....	2.9	Bed-disability days ¹	2,299.1
Pct. of pop. visiting dentist...	53.0	Per person per year.....	5.0
Physician visits during year ¹ ...	2,605	Average persons each day	
Visits per person.....	5.6	with restricted activity:	
Hospital discharges ²	48,747	Heart condition.....	375
Per 1,000 persons ²	105.5	Asthma, hay fever.....	903
Hospital days ²	365,452	Arthritis, rheumatism...	514
Per 1,000 persons ²	791.2	Other chronic conditions	569
Per person discharged ²	7.5	Acute respiratory cond..	5,525
Acute conditions during year ¹ ...	1,264	Injuries.....	1,349
Per 100 persons.....	273.7	Other acute conditions..	1,277
Persons with chronic conditions.	151,900	Pct. of persons injured in	
Percent of population.....	32.9	year ³	34.7
		Motor vehicle involved..	1.5
		While at work.....	6.4
		Home.....	17.3
		Other.....	10.9

¹In thousands.

²Short-stay hospitals only.

³Detail adds to more than indicated total because same persons reported more than one class of accident.

Source: U. S. Department of Health, Education, and Welfare, The Hawaii Health Survey, Description and Selected Results. Oahu, Hawaii. October 1958-September 1959 (May 1960).

Section 3 Education

This section presents statistics on school enrollment, the highest grade of school completed, school facilities and personnel, educational expenditures, and cultural activities. Sources for this information include the 1960 United States Census of Population, the Biennial Survey of Education conducted by the U. S. Office of Education, and reports of the Hawaii Department of Education. The Research and Statistics Branch of the latter agency can often provide more detailed data than appears in this summary. Section 4 of the Statistical Abstract of the United States: 1961 presents comparable information for the mainland.

Table 1.--SCHOOL ENROLLMENT, BY AGE: 1900 TO 1960

(College students were enumerated at their college residence in 1950 and 1960 but at their parental home in earlier years.)

Year	Number enrolled, by age in years				Percent enrolled, by age in years			
	5 to 24	5 to 13	14 to 17	18 to 24	5 to 24	5 to 13	14 to 17	18 to 24
1960....	174,777	119,312	42,118	13,347	72.0	95.2	92.5	18.5
1950....	116,135	75,295	29,470	11,370	62.6	89.5	91.2	16.5
1940....	110,459	72,672	30,045	7,742	58.0	89.1	80.7	10.8
1930....	83,467	61,431	17,086	4,950	51.7	78.4	67.2	8.6
1920....	49,247	37,734	9,296	2,217	50.4	78.3	58.8	6.6
1910....	29,196	22,377	5,299	1,520	44.0	74.3	54.7	5.7
1900....	15,369	(NA)	(NA)	(NA)	29.8	(NA)	(NA)	(NA)

NA Not available

Source: U. S. Bureau of the Census, U. S. Census of Population: 1960 General Social and Economic Characteristics, Hawaii; Fourteenth Census of the United States ... 1920, Composition and Characteristics of the Population by States; Thirteenth Census of the United States ... 1910, Abstract of the Census; Twelfth Census of the United States ... 1900, Population, Part II. Attendance totals may include a few children under 5 for 1910 and few persons 25 or over for 1900-1920.

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Table 2.--SCHOOL ENROLLMENT, BY AGE AND LEVEL AND TYPE OF SCHOOL: 1960

Age	Number enrolled	Percent of population	Level and type of school	Number enrolled
Total enrolled, 5 to 34	179,532	53.4	Kindergarten	14,373
			Public	12,211
			Private	2,162
5 and 6 years old	26,435	85.0	Grades 1 to 8	110,436
7 to 13 years old	92,877	98.6	Public	93,823
14 and 15 years old	22,840	97.0	Private	16,613
16 and 17 years old	19,278	87.8	Grades 9 to 12 ...	46,087
18 and 19 years old	7,460	34.4	Public	38,048
20 and 21 years old	3,394	15.7	Private	8,039
22 to 24 years old	2,493	8.7	College	8,636
25 to 34 years old	4,755	5.1		

Table 3.--YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER:
1940 TO 1960

Year	Population 25 and over	Percent completing--			Median years completed		
		None	12th grade or higher	4 yrs. or more of college	Both sexes	Male	Female
1960....	308,910	6.6	46.1	9.0	11.3	11.0	11.6
1950....	247,480	10.7	31.5	6.1	8.7	8.6	8.9
1940....	192,905	18.5	20.5	5.3	6.9	6.6	7.2

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Table 4.--SCHOOL ENROLLMENT AND YEARS OF SCHOOL COMPLETED,
BY GEOGRAPHIC AREA: 1960

Geographic Area	Persons 5 to 34 enrolled in school	In grades 1 to 8: percent in private school	14 to 17 years old: percent in school	25 years old and over: median school yrs. completed
The State....	179,532	15.0	92.5	11.3
Counties:				
Hawaii.....	18,641	5.6	96.0	8.6
Honolulu	138,964	15.8	91.4	12.0
Kalawao	--	--	--	8.3
Kauai	8,498	22.3	95.7	8.3
Maui	13,429	15.7	96.1	8.5
Cities:				
Hilo	8,173	10.6	97.6	10.1
Honolulu	81,688	19.3	93.0	12.1
Kailua-Lanikai..	8,394	17.1	96.6	12.5

Source for tables 2, 3 and 4: U. S. Bureau of the Census, U.S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii.

Table 5.--DEPARTMENT OF EDUCATION PERSONNEL, BY CATEGORY AND ISLAND, AND AVERAGE SALARIES FOR SPECIFIED POSITIONS: 1960-1961

Category	Oahu	Other islands	Specified positions	Average salary
All personnel	4,959	1,726	Non-teaching principals.	\$8,937
			Vice principals.....	7,442
Regular classroom teachers..	3,524	1,190	Counsellors	5,735
Off-ratio teachers	145	92	Regular teachers	5,412
Cafeteria employees	478	205	Kindergarten teachers ..	5,235
Other personnel	812	239	Intern teachers	3,350

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Table 6.--CHARACTERISTICS OF PUBLIC AND PRIVATE SCHOOLS: DECEMBER 1960

Highest grade in school	Public schools	Private schools	Island and membership	Public schools	Private schools
All schools.....	209	97	Island: Oahu	119	77
			Other islands...	90	20
Highest grade in school:			Membership: ¹		
Nursery or kindergarten..	--	28	1 to 99	19	33
1 to 6	85	20	100 to 499	66	40
7 to 9	81	28	500 to 999	46	19
10 to 12	30	21	1000 to 3999....	65	3
Special	13	--			

¹Membership data exclude special schools.

Table 7.--MEMBERSHIP IN PUBLIC AND PRIVATE SCHOOLS: 1951 TO 1960

Date and age	Public	Private	Island and grade	Public	Private
Dec. 1960	145,134	30,379	Island, 1960:		
Dec. 1959	140,666	29,585	Hawaii	17,255	1,287
Dec. 1957	130,158	27,711	Maui	9,092	1,974
Dec. 1955	119,054	26,740	Molokai	1,307	--
Dec. 1953	106,464	25,897	Lanai	636	--
Dec. 1951	96,837	24,984	Oahu	110,086	25,817
			Kauai	6,758	1,301
Age, 1960:			Grade, 1960:		
Under 5 years.....	97	2,160	Nursery	--	2,160
5 and 6 yrs.	24,929	4,949	Kindergarten ..	12,436	2,529
7 to 9 yrs.	36,738	6,515	1st to 6th	73,599	13,343
10 to 13 yrs.	44,575	8,697	7th to 9th	31,876	6,665
14 and 15 yrs.	19,345	4,279	10th to 12th...	25,513	5,602
16 and 17 yrs.	16,798	3,486	Others	1,710	80
18 yrs. and over ..	2,652	210			
Not reported	--	83			

Source for tables 5 to 7: Hawaii Department of Public Instruction, Statistics on Membership and Teachers (Public School Statistical Series, Circular #3, April 1961).

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Table 8.--STATISTICAL SUMMARY OF PUBLIC EDUCATION: 1957-1958

Subject	Number	Subject	Amount (dollars)
Enrollment (000).....	130	Revenue receipts (000)....	37,537
Average daily attendance (000)..	122	Federal (000).....	4,526
Percent of enrollment	93.6	Other sources (000)	33,011
High school graduates	5,434	Total expenditures (000)..	36,128
Boys	2,751	Current expend. (000)...	33,210
Girls	2,683	Per pupil	271.53
Instructional staff	4,920	Capital outlay (000)....	2,171
		Interest on school debt (000)	747

Source: U. S. Office of Education, Statistical Summary of State School Systems, 1957-58, Circular OE-20016.

Table 9.--STATISTICS ON COLLEGES AND UNIVERSITIES: 1958

Subject	Number	Subject	Amount (000\$)
Number of institutions....	3	Value of plant.....	17,302
Faculty (fall 1957)	851	Endowment and annuity funds..	312
Resident enrollment:		Student loan funds	38
Full-time undergrad.....	5,122	Income for--	
Part-time undergrad.....	1,899	Current operations	8,383
Graduate	850	Nonexpendable funds	28
Earned degrees conferred:		Plant expansion	1,301
Bachelor's or 1st. prof.	875	Expenditure for--	
Master's or 2nd level...	92	Current operations	8,173
Doctorates	3	Plant expansion	1,294

Source: U. S. Office of Education data cited in Statistical Abstract of the United States: 1961, pp. 127-128.

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Table 10.--ENROLLMENT IN CREDIT COURSES, FALL 1961, AND EARNED DEGREES CONFERRED, 1961, FOR COLLEGES AND UNIVERSITIES

Institution	Enrol. in credit courses			Earned degrees conferred		
	Undergraduate		Graduate	Assoc-iate	Bache-lor's	Master's or Ph. D.
	Full-time	Part-time				
University of Hawaii ¹	6,443	2,293	1,514	--	832	116
Manoa Campus	6,185	2,266	1,514	--	832	116
Hilo Campus	258	27	--	--	--	--
Chaminade College ¹	305	38	--	--	18	--
Church College of Hawaii ¹ ...	690	233	--	50	22	--
Honolulu Christian College..	40	9	--	--	1	--
Jackson College	76	115	--	--	--	--
Maunaolu Community College ¹ .	130	20	--	41	--	--

¹Accredited by the Western College Association.

Source: Compiled by Department of Planning and Research from individual institutions.

Table 11.--CULTURAL ACTIVITIES: 1961

Subject	Amount	Organization	Attend-ance	Operating expenses (dollars)
Public libraries: ¹		Bishop Museum	116,634	642,501
County systems...	4	Hon. Acad. of Arts	76,552	225,842
Volumes	560,333	Hon. Community Theatre ²	31,540	80,510
Circulation.....	3,146,883	U.H. Theatre Group ² ...	13,400	13,955
Expenditures.....	\$1,370,319	Hon. Symphony Orch. ² ...	123,000	225,798

¹Year ended June 30, 1961.
²1960-1961 season.

Source: Hawaii Department of Planning and Research, Statistics on the Fine Arts in Hawaii (Research Report 17, February 9, 1962), and records.

Section 4
Law Enforcement

Statistics in this section refer to crime and delinquency, courts and prisons and training schools. Annual reports of the four county police departments, the State judiciary, and the State prison system provide most of the information on these subjects. Additional data can often be obtained from police and court personnel and the Division of Corrections of the State Department of Social Services. National statistics appear in the Statistical Abstract of the United States: 1961, Section 5.

Table 1.--PART I OFFENSES AND RATES: 1950 TO 1960

Year	The State		Oahu	Year	The State		Oahu
	Number	Rate ¹			Number	Rate ¹	
1950...	6,639	13.5	5,467	1956...	9,580	17.1	8,162
1951...	6,428	12.5	5,286	1957...	11,685	20.0	9,998
1952...	7,588	14.7	6,322	1958...	13,971	23.1	12,150
1953...	7,253	14.2	5,962	1959...	14,205	22.9	12,648
1954...	8,120	16.0	6,874	1960...	14,569	22.7	12,986
1955...	8,919	16.5	7,636				

¹Per 1,000 population (including armed forces).

Source: County police departments, annual reports.

LAW ENFORCEMENT

Table 2.--CRIMINAL OFFENSES, POLICE EMPLOYEES, AND POLICE EXPENDITURES, BY COUNTY: 1960

County	Actual offenses			Police employees, Dec.31	Police expenditures (000\$)
	Part I	Part II, exc. traffic	Traffic		
The State	14,569	21,357	135,942	995	6,980
Hawaii County	628	1,048	6,257	135	985
Honolulu County ...	12,986	17,996	127,138	683	4,734
Kauai County.....	465	531	497	78	513
Maui County	490	1,782	2,050	99	748

Table 3.--PART I OFFENSES: 1960

Offense	The State		Offense	The State	
	Oahu	Oahu		Oahu	Oahu
Total	14,569	12,986	Robbery	69	68
Murder and non-negligent manslaughter	15	12	Aggravated assault...	33	32
			Burglary	3,330	2,922
Negligent manslaughter..	29	22	Larceny over \$100....	481	438
Rape	20	18	Larceny, \$100 or less	8,884	7,816
			Auto theft.....	1,708	1,658

Table 4.--OFFENSES CLEARED BY ARREST OR OTHERWISE, FOR OAHU: 1960

Class of offense	Number cleared	Percent cleared	Type of offender		
			Juveniles	Adult civilians	Military personnel
Part I	3,168	24.4	1,963	1,028	177
Part II, except traffic...	13,523	75.1	3,007	9,467	1,049

LAW ENFORCEMENT

Table 5.--AGE, RACE AND SEX OF PERSONS CHARGED WITH PART I OFFENSES, FOR OAHU:
1960

Age in years	Sex		Race	Sex	
	Male	Female		Male	Female
All ages.....	2,402	281	18 and over..	685	83
Under 18	1,717	198	Hawaiian	37	3
18 to 24	487	44	Part Hawaiian	172	25
25 to 29	57	13	Caucasian	259	25
30 to 39	81	10	Chinese	15	5
40 to 49	32	12	Filipino	54	5
50 and over	27	4	Japanese	51	5
Age not reported...	1	-	Other races	97	15

Source of tables 2 to 5: Honolulu Police Department 1960 Statistical Report and annual reports for 1960 of Hawaii, Kauai and Maui County police departments.

Table 6.--STATISTICAL SUMMARY FOR THE STATE JUDICIARY: 1961

Court	Number of courts	Presiding officials		Case work		
		Title	Number	Filed	Terminated	Pending, Dec. 31
Supreme Court.....	1	Justice.....	5	312	313	80
Circuit Courts	4	Judge	12	8,497	7,395	8,278
District Courts ...	27	Magistrate...	23	202,617	202,491	2,419

Source: State of Hawaii, Annual Report of the Chief Justice, 1961, and records.

LAW ENFORCEMENT

Table 7.--MOVEMENT OF PRISON AND TRAINING SCHOOL INMATES: JULY 1, 1958 TO JUNE 30, 1959

Institution	Incoming			Outgoing		Average census
	Comm-itted	Trans-ferred	Others	Paroled	Others	
Prisons.....	174	187	64	186	217	513
Oahu Prison	174	92	62	168	121	369
Kulani and Olinda	-	95	2	18	96	144
Training schools	163	46	142	193	115	200
Kawailoa Girls' Home ..	40	1	55	61	18	66
Koolau Boys' Home	123	11	81	115	77	116
Molokai Forestry Camp..	-	34	6	17	20	18

Table 8.--CHARACTERISTICS OF PERSONS ADMITTED TO PRISONS AND TRAINING SCHOOLS: JULY 1, 1958 TO JUNE 30, 1959

Subject	Prison system	Training schools	Subject	Prison system	Training schools
Total.....	225	249	Sex:		
			Male.....	218	168
			Female	7	81
Island:			Race:		
Oahu.....	170	202	Hawaiian	15	13
Other	55	47	Part Hawaiian ..	96	143
Age in years:			Caucasian	46	54
12 to 19.....	29	249	Chinese	2	-
20 to 29	117	-	Filipino	34	15
30 to 39	39	-	Japanese.....	10	10
40 to 49	29	-	Other races.....	22	14
50 and over....	11	-			

Source of tables 7 and 8: Annual Report of the Department of Institutions, Territory of Hawaii, Statistical Report, Fiscal Year Ended June 30, 1959.

Section 5
Area, Geography, and Climate

Statistics in this section relate to area, climatological, and topographic measurements of Hawaii. Reports of the U. S. Bureau of the Census, Coast and Geodetic Survey, Geological Survey, and Weather Bureau are the chief source for this information. Persons desiring additional information should consult personnel of the Bernice P. Bishop Museum, Hawaii Department of Land and Natural Resources, or Hawaii Department of Planning and Research. Comparable statistics for the mainland are given in the Statistical Abstract of the United States: 1961, Section 6.

Table 1.--GREAT CIRCLE DISTANCES FROM HONOLULU INTERNATIONAL AIRPORT

(Honolulu International Airport is located at 21°19' N. latitude and 157°55' W. longitude.)

Place	Statute miles	Place	Statute miles
In Hawaii:		Sidney (Port Jackson),	
Hilo, Hawaii.....	214	Australia.....	5,070
Kailua-Kona, Hawaii....	168	Wake Island.....	2,294
Kahului, Maui.....	98	Apra Harbor, Guam.....	3,806
Lanai Airport.....	72	Manila.....	5,293
Molokai Airport.....	54	Hong Kong.....	5,541
Lihue, Kauai.....	103	Tokyo.....	3,847
French Frigate Shoal...	556	Anchorage.....	2,782
Kure Island.....	1,367	Vancouver, B. C.	2,709
		Seattle.....	2,679
Midway Island.....	1,309	Portland, Oregon.....	2,595
Johnston Island.....	820	Chicago.....	4,179
Palmyra Island.....	1,101	New York City.....	4,959
Papeete, Tahiti.....	2,741	Washington, D. C.	4,829
Pago Pago, Tutuila.....	2,606	Miami, Florida.....	4,856
Suva, Fiji.....	3,159	San Francisco.....	2,397
Auckland, New Zealand....	4,393	Los Angeles.....	2,557
		Cristobal, Panama.....	5,214

Source: U. S. Geological Survey, records.

AREA, GEOGRAPHY, AND CLIMATE

Table 2.--AREA, SHORELINE, AND MAXIMUM ELEVATION, BY COUNTY AND ISLAND

County and island	Area (square miles)		Tidal shoreline (stat. miles)	Highest point ¹	
	Land and water	Land		Mountain	Elev. (feet)
The State.....	6,424	6,415	1,052	Mauna Kea....	13,796
Hawaii Co. and Isl. .	4,021	4,021	313	....do.....	13,796
Honolulu Co.	605	598	234	Kaala.....	4,040
Oahu Island.....	602	595	209	....do.....	4,040
Outlying islands ² ..	3	3	25	Nihoa Isl. ..	910
Kauai County.....	625	623	162	Kawaikini....	5,170
Kauai Island.....	553	551	110	....do.....	5,170
Kaula Island.....	0.2	0.2	2	.....	550
Niihau Island ³	72	72	50	Paniau.....	1,281
Maui and Kalawao Co. ⁴	1,173	1,173	343	Haleakala....	10,023
Kahoolawe Isl.	45	45	36	Lua Makika...	1,477
Lanai Island.....	141	141	52	Lanaihale....	3,370
Maui Island.....	728	728	149	Haleakala....	10,023
Molokai Island.....	259	259	106	Kamakou.....	4,970

¹Other mountains over 5,000 feet are Mauna Loa (13,680), Hualalai (8,271) and Kohala (5,480) on Hawaii, Puu Kukui (5,788) on Maui, and Waialeale (5,080) on Kauai.

²Includes Nihoa Island, Necker Island, French Frigate Shoal, Gardner Pinnacles, Maro Reef, Laysan Island, Lisianski Island, Pearl and Hermes Reef, and Kure Island.

³Includes Lehua Island.

⁴Maui County, 1,159 square miles; Kalawao County (all on Molokai), 14.

Source: Data from U. S. Bureau of the Census, Coast and Geodetic Survey, and Geological Survey, cited in Hawaii Department of Planning and Research, Land Areas and Population Densities in Hawaii, 1960 (Research Report 13, October 24, 1961) and Geographic Statistics for Hawaii (Research Report 15, January 15, 1962).

AREA, GEOGRAPHY, AND CLIMATE

Table 3.--LONGEST RIVERS

Name and island	Length (miles)
Kaukonahua Str., Oahu.....	30.0
Wailuku Str., Hawaii.....	22.7
Waimea River, Kauai.....	19.7

Table 4.--LARGEST NATURAL LAKES

Name and island	Area (acres)
Halalii Lake, Niihau (intermittant).....	896
Salt Lake, Oahu.....	256
Meyer Lake, Molokai.....	6

Source of tables 3 and 4: Data from Hawaii Department of Land and Natural Resources and U. S. Geological Survey, cited in Hawaii Department of Planning and Research, Geographic Statistics for Hawaii (Research Report 15, January 15, 1962).

Table 5.--VOLCANIC ERUPTIONS AND TSUNAMIS: 1922 TO 1961

Calendar years	Volcanic eruptions					Tsunamis		
	Number		Duration (days)	Area covered (square miles) ¹	Volume (millions of cubic yards)	Severe damage	Moderate damage	No damage
	Mauna Loa	Kilauea						
1922-1926...	1	4	45	13.7	150	-	1	2
1927-1931...	-	5	52	0.4	27	-	-	5
1932-1936...	2	1	92	16.0	270	-	1	1
1937-1941...	1	-	133	3.9	100	-	-	1
1942-1946...	2	-	16	10.6	100	1	-	3
1947-1951...	2	-	168	40.6	677	-	-	-
1952-1956...	-	3	227	6.8	192	-	1	-
1957-1961...	-	6	104	4.7	224	1	1	1

¹Sum of estimates for successive eruptions.

Source: U. S. Geological Survey data, cited in Hawaii Department of Planning and Research, Geographic Statistics for Hawaii (Research Report 15, January 15, 1962).

AREA, GEOGRAPHY, AND CLIMATE

Table 6.--TEMPERATURE AND PRECIPITATION, FOR SPECIFIED PLACES

Island and station	Elevation (feet)	Mean temp. (°F.)		Extreme temp. (°F.)		Annual precipitation (in.)
		Coldest month	Hottest month	Lowest	Highest	
Kauai:						
Lihue.....	207	69.9	77.1	46	91	52.94
Waialeale.....	5,075	...	...	...	...	472
Oahu:						
Hon. Airport.....	7	72.2	79.4	55	92	21.70
Hon. Fed. Bldg....	12	72.0	78.3	56	88	23.81
Tantalus.....	1,360	67.2	71.7	46	90	101.18
Maui:						
Haleakala.....	7,030	50.4	57.5	29	80	51.36
Lahaina.....	45	71.1	77.5	52	93	13.02
Hawaii:						
Hilo.....	40	70.7	75.7	53	92	140.40
Pahala.....	865	68.9	74.0	50	100	46.62
Puako.....	6	...	...	...	...	8.93

Table 7.--CLIMATIC SUMMARY FOR HONOLULU

Subject	Annual	Selected months			
		Feb.	May	Aug.	Nov.
Normal temp., average (°F.).....	75.2	72.0	75.1	78.5	75.2
Maximum (°F.).....	79.7	76.7	79.5	82.8	79.7
Minimum (°F.).....	70.6	67.2	70.6	74.1	70.7
Highest temp. of record (°F.).....	88	82	84	88	86
Lowest temp. of record (°F.).....	57	58	64	68	62
Normal precipitation (inches).....	23.9	2.5	1.0	1.1	2.1
Mean pct. of possible sunshine.....	70	62	71	75	65
Mean wind speed (m.p.h.).....	12.0	10.9	12.9	14.1	11.1
Mean relative humidity (%), 8 a.m....	73	78	69	70	74
Mean (%), 2 p.m.	58	61	56	56	62

Source of tables 6 and 7: U. S. Weather Bureau data, cited in Hawaii Department of Planning and Research, Geographic Statistics for Hawaii (Research Report 15, January 15, 1962).

Section 6
Land Use and Ownership

General statistics on land use and ownership appear in this section. Information on specific use or ownership categories, such as farms, parks, or military lands, is given elsewhere. Reports of various federal agencies, the Hawaii Department of Land and Natural Resources, the Land Study Bureau and Legislative Reference Bureau of the University of Hawaii, and county planning agencies provided the data in this section. The foregoing organizations, together with the Hawaii Department of Planning and Research, can usually provide additional information on this subject. Data for the mainland are available in Sections 7 and 24 of the Statistical Abstract of the United States: 1961.

Table 1.--LAND AND BUILDINGS OWNED BY THE FEDERAL GOVERNMENT: 1960

Subject	Amount	Subject	Amount
Land owned by Federal government (acres)....	234,000	Cost of Federal land.....	\$21,910
Federal land as percent of State area.....	5.7	Federally owned buildings:	
		Number.....	11,506
		Cost (thousands).....	\$407,478

Source: General Services Administration data cited in Statistical Abstract of the United States: 1961, p. 183.

LAND USE AND OWNERSHIP

Table 2.--CONTROL AND MANAGEMENT OF GOVERNMENTAL LANDS: JUNE 30, 1948

Island	All agencies		Federal agencies (acres)	Comm. Public Lands (acres)	Other Terr. agencies (acres)	Haw'n Homes Comm. (acres)	Counties (acres)
	Acres	Percent of land area					
The State..	1,756,219	42.6	226,743	663,340	692,669	169,384	4,082
Oahu.....	103,955	26.9	55,002	13,067	32,096	3,027	764
Other islands..	1,652,264	44.3	171,742	650,273	660,573	166,358	3,318

Source: Report of the Commissioner of Public Lands, Territory of Hawaii...
June 30, 1958.

Table 3.--LAND USE (IN ACRES) ON THE SIX LARGEST ISLANDS: 1960

Land use	Acres	Land use	Acres
All uses.....	4,044,200		
Grazing.....	2,100,300	Orchard.....	18,400
Forest reserve.....	928,000	Truck crops.....	12,700
Sugar cane.....	287,400	Truck crops and orchard.....	2,900
Public.....	229,500	Idle.....	2,400
Unused; steep slopes.....	114,900	Lakes.....	1,800
Pineapple.....	96,500	Rice and taro.....	1,600
Game management.....	65,600	Noncommercial agriculture.....	1,200
Urban.....	62,600	Forage crops.....	600
Timber.....	61,400	Livestock and truck crops.....	300
Military.....	55,500	Livestock specialties.....	300
		Water and truck crops.....	300

Source: Land Study Bureau, University of Hawaii, Land Use on the Six Major Islands of Hawaii, 1960 (L.S.B. Report No. 3, November 1960).

LAND USE AND OWNERSHIP

Table 4.--LAND OWNERS WITH 5,000 OR MORE ACRES: 1961

Acres per landowner	Number of owners	Total acres	Use of major landholdings	Percent of area
5,000 or more.....	50	1,811,367	All uses.....	100.0
250,000 or more.....	1	369,058	Residential.....	0.8
100,000 to 249,999.....	3	452,318	Commercial, indust. ...	0.1
50,000 to 99,999.....	4	266,739	Agricultural.....	14.6
25,000 to 49,999.....	8	265,985	Grazing.....	45.3
10,000 to 24,999.....	24	387,237	Forest, watershed.....	18.2
5,000 to 9,999.....	10	70,030	Other uses.....	21.0

Source: Legislative Reference Bureau, University of Hawaii, Major Landholdings in Hawaii (March 1961), pp. 6 and 87-88.

Table 5.--LAND USE, FOR THE CITY OF HONOLULU (EXCLUDING FOREST RESERVES): 1959

Land use	Acres	Land use	Acres
All uses.....	28,490	Public and semi-public.....	3,028
Single family.....	6,544	Parks and playgrounds.....	1,895
Hotel and apartment.....	880	Public schools.....	772
Commercial.....	770	Military reservations.....	6,460
Heavy industrial.....	784	Streets and alleys.....	2,767
Light industrial.....	81	Golf courses.....	570
Farming.....	1,600	Vacant.....	2,339

Source: Planning Department, City and County of Honolulu, General Plan for Urban and Urbanizing Areas (August 1960), p. 21.

Section 7
Recreation and Tourism

This section presents data on parks, hunting and fishing, boating, travel, tourism, and other recreational facilities and activities. It is based on information supplied by the U. S. National Park Service, the Fish and Game Division and State Parks Division of the Hawaii Department of Land and Natural Resources, county departments of parks and recreation, the Hawaii Visitors Bureau's Research Committee, and other agencies, most of which issue annual or monthly statistical reports. National statistics on parks, recreation and travel appear in the Statistical Abstract of the United States: 1961, Section 7.

Table 1.--STATISTICS ON NATIONAL, STATE AND COUNTY PARKS: 1962

County	National parks			State parks		County parks	
	Acres	Visits ¹	Visitor days ¹	Areas	Acres	Areas	Acres
The State.....	246,748	835.4	894.6	22	6,214	280	5,142
Hawaii.....	220,345	769.6	824.8	5	175	45	397
Honolulu.....	...	...	...	5	28	158	2,920
Kauai.....	...	...	...	6	5,760	43	1,573
Maui.....	26,403	65.8	69.8	6	251	34	252

¹In thousands, for 1961.

Source: U. S. National Park Service, Public Use, National Parks and Related Areas, December 1961 and records; Hawaii Department of Land and Natural Resources, State Parks Division, records; county parks departments, records.

RECREATION AND TOURISM

Table 2.--SELECTED RECREATIONAL ACTIVITIES: 1961

Subject	Number	Subject	Number
Hunting licenses ¹	6,214	Waikiki Beach (1959): ³	
Resident.....	6,094	Area (acres).....	19.0
Non-resident.....	120	Peak attendance ⁴	18.9
Fresh water fishing licenses ¹ ...	3,014	Visitors ⁴	2.3
Resident.....	2,445	Waikiki residents ⁴	2.0
Non-resident or tourist.....	8	Other residents ⁴	11.7
Juvenile.....	561	Military personnel ⁴	3.0
Recreational boats.....	5,302	Square feet per bather...	44
Outboards.....	4,310	Golf courses: holes.....	216
Sail without power.....	389	Public.....	45
Auxiliary sail.....	131	Private.....	72
Inboards.....	120	Military.....	99
Cruisers.....	283	Honolulu zoo (1960):	
Sampans.....	69	Animal specimens.....	742
Safe beaches, length (mi.) ²	24.1	Attendance ⁴	519.2
Open to public.....	4.1	Baseball ("Islanders"):	
Restricted to military.....	7.1	Stadium capacity ⁴	24.0
Private.....	12.9	Home attendance (1961) ⁴ ..	165.8

¹Twelve-month period ended June 30, 1961.

²Data limited to Oahu.

³From the Ala Wai Yacht Harbor to Sans Souci, including Fort DeRussy.

⁴In thousands.

Source: Report of the Department of Agriculture and Conservation, Fiscal Period Ending June 30, 1961, pp. 113-114; Hawaii Department of Transportation, Recreational Boating in Hawaii (July 1961), pp. 43-44; James P. Iams, Survey of Recreation Needs on Oahu (1961); Hawaii Department of Land and Natural Resources, Planning Studies and Economic Analysis: Part 3 of the Comprehensive Plan, Ala Moana Reef, Honolulu, Hawaii (1960), p. 24; Honolulu Department of Parks and Recreation, 1960 Annual Report; Honolulu Star-Bulletin, April 16, 1962.

RECREATION AND TOURISM

Table 3.--VISITOR ARRIVALS, VISITORS PRESENT, AND VISITOR EXPENDITURES: 1922 TO 1961

Year	Visitors staying 2 days or longer	Visitor expenditures in Hawaii (thousands)	Year	Visitors staying 2 days or longer	Average number present ¹	Visitor expenditures in Hawaii (thousands)
1922....	9,676	\$ 4,400	1942....			
1923....	12,021	5,500	1943....	War years; visitor industry suspended.		
1924....	12,468	5,700	1944....			
1925....	15,193	7,200	1945....			
1926....	16,762	8,000	1946....	15,000	975	\$ 6,300
1927....	17,451	8,200	1947....	25,000	1,625	12,100
1928....	19,980	9,200	1948....	36,397	2,366	18,900
1929....	22,190	10,300	1949....	34,386	2,235	17,700
1930....	18,651	8,700	1950....	46,593	3,027	24,200
1931....	15,780	6,900	1951....	51,565	3,350	28,980
1932....	10,370	4,100	1952....	60,539	3,796	32,800
1933....	10,111	3,800	1953....	80,346	4,746	42,600
1934....	16,161	6,300	1954....	91,289	5,369	48,900
1935....	19,933	7,900	1955....	109,798	6,042	55,000
1936....	22,199	8,900	1956....	133,815	6,947	65,000
1937....	21,987	9,500	1957....	168,829	8,205	77,600
1938....	23,043	10,200	1958....	171,588	8,397	82,700
1939....	24,390	11,000	1959....	243,216	10,390	109,000
1940....	25,373	12,000	1960....	296,517	11,797	131,000
1941....	31,846	16,400	1961....	319,422	11,960	137,000

¹Estimated by Hawaii Department of Planning and Research.

Table 4.--VISITORS STAYING OVERNIGHT AND LONGER, BY MONTH AND QUARTER OF ARRIVAL: 1957-1961 AVERAGE

Quarter	Arrivals	Month	Arrivals	Month	Arrivals
Annual.....	239,914	January.....	14,101	July.....	26,534
First quarter....	47,851	February.....	17,038	August.....	25,738
Second quarter...	62,484	March.....	16,712	September..	20,417
Third quarter....	72,689	April.....	17,733	October....	21,959
Fourth quarter...	56,890	May.....	18,105	November...	15,876
		June.....	26,647	December...	19,055

RECREATION AND TOURISM

Table 5.--SUMMARY OF VISITOR CHARACTERISTICS: 1951, 1956, 1960, AND 1961

Subject	1951	1956	1960	1961
All passengers.....	130,437	272,619	532,547	615,209
Arriving by boat.....	40,363	57,586	83,495	83,027
Arriving by airplane.....	90,074	215,033	449,052	532,182
Visitors, overnight or longer...	51,565	133,815	296,517	319,422
Eastbound.....	3,921	19,002	45,722	71,267
Westbound.....	47,634	114,813	250,795	248,155
Westbound passengers ¹	93,002	203,644	399,804	448,546
Visitors to Hawaii.....	43,426	102,352	213,670	202,850
Visitors beyond Hawaii.....	16,911	48,536	79,914	92,980
Returning residents.....	16,600	24,100	38,630	43,590
Intended residents.....	5,853	11,268	15,030	16,715
Visitor characteristics: ²				
Persons per party.....	1.47	1.52	1.54	1.49
Males per 100 females.....	73.9	70.6	74.3	74.9
Median age (years).....	44.8	46.1	45.2	45.4
Pct. from California.....	52.3	45.1	42.5	46.9
Average stay (days).....	25.0	22.0	16.9	17.2
Pct. on pleasure trip.....	72.3	77.6	67.3	68.4
Pct. on first visit.....	77.7	72.5	74.2	70.9
Pct. of party heads professional, managerial, or official.....	51.3	47.6	51.7	52.3

¹Includes unclassified and unsurveyed, not reported separately.

²For westbound visitors destined to Hawaii.

RECREATION AND TOURISM

Table 6.--CHARACTERISTICS OF WESTBOUND VISITORS, BY DESTINATION: 1961

Subject	Destination		Subject	Destination	
	Hawaii	Beyond ¹		Hawaii	Beyond ¹
All visitors.....	202,850	92,980	Purpose of trip:		
Age (in years):			Pleasure only....	126,660	29,070
Under 20.....	20,730	10,295	Other.....	58,385	53,335
20 to 39.....	50,785	31,525	Not reported....	17,805	10,575
40 to 59.....	78,685	31,115	Intended visits:		
60 and over.....	35,020	9,905	Oahu only.....	52,835	48,710
Not reported.....	17,630	10,140	Other islands....	101,010	7,580
Sex:			Not reported....	49,005	36,690
Male.....	86,865	60,110	Intended stay (days):		
Female.....	115,985	32,870	1.....	11,755	47,155
State of residence:			2 to 6.....		39,020
California.....	94,285	13,370	7 to 12.....	66,280	4,740
Other western.....	27,865	3,910	13 to 18.....	57,785	
North Central.....	32,885	7,820	19 to 24.....	15,050	2,065
South.....	14,960	8,920	25 to 30.....	6,235	
Northeast.....	25,180	10,785	31 to 364.....	15,635	
U. S. poss.....	-	860	Not reported....	30,110	-
Foreign.....	5,635	45,910	Average stay (days)	17.2	2.9
Not reported.....	2,040	1,405	Median stay (days).	13.3	...
Mode of travel:			Persons per party..	1.49	1.33
Air.....	177,800	69,545	Visitor days (000).	3,490	273
Surface.....	25,050	23,435	Average census.....	9,561	747

¹By destination: Japan, 30,260; Hong Kong, 5,705; Philippines, 7,460; Australia or New Zealand, 13,875; South Pacific islands, 7,595; around the world, 12,890; all other, 12,600; not reported, 2,595.

RECREATION AND TOURISM

Table 7.--CHARACTERISTICS OF WESTBOUND VISITOR PARTY HEADS, BY DESTINATION: 1961

Subject	Destination		Subject	Destination	
	Hawaii	Beyond		Hawaii	Beyond
All parties....	135,855	70,270	Occupation:		
Previous visits:			Professional, technical..	31,815	18,195
None.....	81,645	29,215	Business, managerial.....	31,085	20,885
1.....	15,690	11,375	Other civilian occ.....	24,255	6,155
2 or more.....	17,890	12,695	Military service.....	780	4,505
Not reported.....	20,630	16,985	Not gainfully employed...	32,315	10,655
			Not reported.....	15,605	9,875

Table 8.--PRELIMINARY ESTIMATES OF VISITOR EXPENDITURES: 1960-1961

Subject	Oahu	Other islands	Subject	Oahu	Other islands
Per visitor day.....	\$40	\$30	Percent dist., con.:		
Percent distribution.	100.0	100.0	Photography.....	4.7	1.6
Lodging.....	17.3	23.7	Personal care.....	1.8	0.5
Clothing.....	23.1	6.1	Entertainment.....	2.4	1.6
Food.....	15.1	21.9	Gifts, souvenirs...	22.2	8.1
Alcoholic bev.....	4.9	4.9	Ground transp.....	2.4	11.8
			Other items.....	6.1	19.8

Source of tables 3 to 8: Hawaii Visitors Bureau, Annual Research Report, Visitors to Hawaii, Review: 1961, Forecast: 1962 (March 1962) and earlier reports.

RECREATION AND TOURISM

Table 9.--PERCENT INCREASE IN HAWAII VACATION COSTS: 1951 TO 1961

Item	1951 -1961	1960 -1961	Item	1951 -1961	1960 -1961
All items ¹	38	3	Clothing.....	11	1
Lodging.....	53	1	Photography.....	16	1
Food.....	34	4	Personal care.....	47	4
Beverages.....	26	3	Inter-isl. transp...	38	10
			Ground transp.....	65	15

¹Excludes transportation costs from mainland.

Source: Hawaii Department of Planning and Research, Vacation Costs in Hawaii, 1929-1961 (Research Report 19, March 5, 1962).

Table 10.--HOTEL UNITS, HOTEL EMPLOYMENT, AND WAIKIKI HOTEL OCCUPANCY: 1946 TO 1961

Year	Hotel units			Hotel employment (July)			Waikiki hotel units: % occ.
	State	Oahu	Other isl.	State	Oahu	Other isl.	
1946...	1,572	1,006	566	1,313	(NA)	(NA)	(NA)
1951...	2,197	1,597	600	2,153	1,727	426	(NA)
1956...	4,327	3,500	827	3,158	2,515	643	80.5
1960...	9,522	8,118	1,404	4,396	3,193	1,203	75.3
1961...	10,193	8,720	1,473	4,906	3,708	1,198	70.1

NA Not available.

Source: Hawaii Visitors Bureau, Annual Research Report, Visitors to Hawaii, Review: 1961, Forecast: 1962 (March 1962), and Hawaii Department of Labor and Industrial Relations, records.

RECREATION AND TOURISM

Table 11.--RESORT AND APARTMENT HOTEL LAND AREA, GUEST UNITS, AND DENSITY, BY COUNTY: MARCH 1, 1961

Subject	The State	Honolulu County		Hawaii County	Maui County	Kauai County
		Resort hotels	Apt. hotels			
Number of hotels.....	145	27	97	10	7	4
Land area (acres)...	188.27	67.20	25.47	21.39	24.45	49.76
Guest units.....	9,105	4,960	2,946	558	319	322
Units per acre.....	48.4	73.8	115.7	26.1	13.0	6.5

Source: Hawaii State Planning Office, Facts Pertaining to the Protection and Development of Tourist Facilities Within All Counties (March 1961), Appendix A.

Table 12.--VISITOR INDUSTRY PROJECTIONS: 1960 TO 1980

Subject	1960 ¹	1970 ²	1980 ²
Visitors staying 2 days or longer (thousands).....	297	764	1,262
Average number of visitors present (thousands).....	12	26	34
Average length of stay (days).....	15	12	10
Visitor expenditures (millions of 1960 dollars).....	131	429	738
Hotel units (in thousands).....	7	22	36
Full-time equivalent direct employment (thousands)...	11	35	58

¹Current estimate.

²Projected "without government aid program."

RECREATION AND TOURISM

Table 13.--VISITOR INDUSTRY ESTIMATES, BY ISLAND: 1959

Subject	The State	Oahu	Other islands				
			Total	Hawaii	Maui	Kauai	Molokai & Lanai
Visitors ¹	243.2	243.2	113.2	72.3	43.4	51.8	2.3
Ave. stay (days)....	16.3	14.6	3.7	3.0	1.2	2.9	0.7
Expenditures ²	109.0	94.0	10.8	5.6	1.5	3.7	0.0
Employment ³	11.0	8.6	2.4	1.4	0.5	0.5	0.1

¹In thousands. State and Oahu data exclude visitors staying less than two days. Some persons visited several islands, hence detail does not add to indicated totals.

²In millions of dollars. Includes expenditures for inter-island travel, not distributed by island.

³In thousands. Full-time equivalent direct employment in tourism.

Source of tables 12 and 13: Hawaii State Planning Office, Structure and Growth Potential of Tourism in Hawaii (September 1960).

Table 14.--PERCENT OF HOUSEHOLDS VISITING OTHER ISLANDS DURING PREVIOUS TWELVE MONTHS: MARCH-APRIL 1961

County of residence	Islands visited during previous twelve months							
	Total	None	Oahu	Hawaii	Maui	Kauai	Molokai	Lanai
Honolulu.....	100.0	68.2	...	17.0	12.8	11.5	3.9	0.2
Hawaii.....	100.0	33.4	61.7	...	22.9	6.1	1.4	0.9
Maui.....	100.0	39.9	55.2	8.3	2.8	2.8	2.8	4.9
Kauai.....	100.0	46.3	50.0	5.6	3.7	...	0.9	0.0

Source: Hawaii Department of Planning and Research, The Market for a New Inter-Island Ferry System (1961), p. 9.

RECREATION AND TOURISM

Table 15.--CHARACTERISTICS OF OAHU HOUSEHOLDS VACATIONING ON OTHER ISLANDS: 1959

Subject	Number	Subject	Number
HOUSEHOLDS		Accommodations:	
Number vacationing.....	31,041	Hotel.....	10,002
Pct. of Oahu households....	26.4	Other.....	19,113
Ave. number on vacation.....	828	Hotel and other.....	845
Pct. of Oahu households....	0.7	Not reported.....	1,080
Length of vacation (days):		HOUSEHOLD MEMBERS	
Median.....	5.6	Number vacationing.....	75,653
Average.....	9.8	Per vacationing household..	2.45
Median income (dollars).....	6,825	Ave. number on vacation.....	2,197

Source: Hawaii State Planning Office, Oahu Residents Vacationing on Neighbor Islands, 1959 (Staff Research Memorandum 20, January 28, 1960).

Table 16.--CHARACTERISTICS OF WESTBOUND RETURNING HAWAII RESIDENTS: JULY 1, 1960 TO JUNE 30, 1961

Subject	Number	Subject	Number
Number returning.....	41,450	Persons per party.....	1.35
Oahu residents (percent).....	86.0	Median absence (days).....	26.1
Males per 1,000 females.....	1,259	Absent 365 days or less (pct.).	92.4
Median age (years).....	32.9	Median absence (days).....	23.7
Returning from Calif. (pct.)..	52.8	Average absence (days).....	49.6
Traveling by air (pct.).....	97.4	Ave. number absent.....	5,200

Source: Hawaii Department of Planning and Research, Out-of-State Travel by Hawaii Residents, 1960-1961 (Research Report 11, August 15, 1961).

Section 8
Labor Force, Employment, and Earnings

This section presents data on the size and composition of the labor force, employment by occupation and industry, unemployment, hours, earnings, collective bargaining, and labor disputes. Sources for such statistics include the 1960 U. S. Census of Population and reports of the U. S. Bureau of Labor Statistics, U. S. Office of Business Economics, Hawaii Department of Labor and Industrial Relations, and Hawaii Employers Council. Mainland information appears in Section 8 of the Statistical Abstract of the United States: 1961.

Table 1.--SELECTED EMPLOYMENT STATISTICS: 1878 TO 1960

Year	Popula- tion 14 & over ¹	Employment by sex ²			Employment by industry ²		
		Both sexes	Male	Female	Agri- culture	Non- agric. civil.	Armed forces ³
1878...	41,719	24,795	(NA)	(NA)	(NA)	(NA)	(NA)
1890...	66,472	41,073	(NA)	(NA)	(NA)	(NA)	(NA)
1900...	118,767	90,172	84,047	6,125	56,056	33,871	245
1910...	137,727	101,194	89,923	11,271	56,329	43,257	1,608
1920...	169,164	111,882	97,619	14,263	56,244	51,272	4,366
1930...	241,782	154,262	136,505	17,757	61,811	76,160	16,291
1940...	301,686	180,796	145,659	35,137	53,365	101,198	26,233
1950...	351,389	190,444	143,558	46,886	30,418	137,170	22,856
1960...	426,495	256,637	183,459	73,178	15,365	194,005	47,267

NA Not available.

¹For 1878-1910, refers to population 15 and over.

²Data for 1878-1930 include a few workers under 14.

³"Soldiers, sailors, and marines" to 1940, total military personnel thereafter.

Source: "Census of the Hawaiian Islands, taken December 27th, 1878...", Pacific Commercial Advertiser, March 23, 1879. Hawaii Bureau of Public Instruction, Report of the General Superintendent of the Census, 1890. U. S. Bureau of the Census, 12th Census ... 1900, Population, Part II; 13th Census ... 1910, Vol. IV, Occupation Statistics; 14th Census ... 1920, Vol. IV, Occupations; 15th Census ... 1930, Occupation Statistics, Hawaii; 16th Census ... 1940, Population, Characteristics of the Population, Hawaii; U. S. Census of Population: 1950, General Characteristics, Hawaii; U. S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii.

LABOR FORCE, EMPLOYMENT, AND EARNINGS

Table 2.--CIVILIAN LABOR FORCE AND UNEMPLOYMENT: ANNUAL AVERAGES, 1939 TO 1961

Year	Civilian labor force	Unemployed		Year	Civilian labor force	Unemployed	
		Number	Percent			Number	Percent
1939....	169,373	9,000	5.3	1951....	191,678	8,278	4.3
1940....	180,796	7,232	4.0	1952....	194,067	8,422	4.3
1941....	183,961	6,500	3.5	1953....	196,142	9,542	4.9
1942....	197,287	2,430	1.2	1954....	197,376	11,759	6.0
1943....	206,768	1,886	0.9	1955....	199,276	9,924	5.0
1944....	210,490	1,600	0.8	1956....	204,082	9,007	4.4
1945....	215,612	1,500	0.7	1957....	207,564	7,733	3.7
1946....	190,297	2,132	1.1	1958....	210,399	7,606	3.6
1947....	191,695	2,953	1.5	1959....	222,144	6,887	3.1
1948....	193,467	9,447	4.9	1960....	239,508	7,424	3.1
1949....	194,776	21,436	11.0	1961....	252,566	10,168	4.0
1950....	187,773	17,698	9.4				

Table 3.--CIVILIAN EMPLOYMENT, BY INDUSTRY: ANNUAL AVERAGES, 1939 TO 1960

Industry	Number			Percent		
	1939	1950	1960	1939	1950	1960
Civilian employment..	143,078	170,075	232,084	100.0	100.0	100.0
Sugar.....	44,605	22,893	14,542	31.2	13.5	6.3
Pineapple.....	15,723	12,167	11,876	11.0	7.2	5.1
Federal defense.....	4,836	16,354	22,760	3.4	9.6	9.8
Other industries.....	77,914	118,661	182,906	54.5	69.8	78.8

Source of tables 2 and 3: Employment by industry, 1939, from U. S. Office of Business Economics, Income of Hawaii (1953), pp. 20 and 23; other data from Hawaii Department of Labor and Industrial Relations, mimeographed releases and records.

LABOR FORCE, EMPLOYMENT, AND EARNINGS

Table 4.--EMPLOYMENT STATUS: 1940 TO 1960

Employment status	Both sexes			Male, 1960	Female, 1960
	1960	1950	1940		
Popul. 14 & over..	426,495	351,375	301,686	231,707	194,788
Labor force.....	265,707	207,952	188,232	188,071	77,636
Armed forces.....	47,267	22,856	27,000	46,638	629
Civilian labor force.	218,440	185,096	161,232	141,433	77,007
Employed.....	209,370	167,571	153,796	136,821	72,549
Unemployed.....	9,070	17,525	7,436	4,612	4,458
Not in labor force.....	160,788	143,423	113,454	43,636	117,152

Table 5.--LABOR FORCE STATUS, BY AGE AND SEX: 1960

Age in years	Number		Pct. of population	
	Male	Female	Male	Female
14 and over.....	188,071	77,636	81.2	39.9
14 to 17 years.....	5,036	2,276	21.6	10.2
18 to 24 years.....	38,680	12,739	88.8	44.7
25 to 34 years.....	44,900	20,446	96.3	43.5
35 to 44 years.....	45,234	22,257	97.1	52.3
45 to 64 years.....	50,763	18,672	89.7	45.3
65 years and over.....	3,458	1,246	23.0	9.4

LABOR FORCE, EMPLOYMENT, AND EARNINGS

Table 6.--OCCUPATION GROUP OF EMPLOYED PERSONS, BY SEX: 1960

Occupation group	Male	Female	Occupation group	Male	Female
All occupations...	136,821	72,549	Operatives.....	20,687	8,768
Professional, techn'l..	14,025	11,274	Private household.....	199	4,383
Farmers, farm mgrs. ...	2,615	818	Service, except priv.		
Managers, officials,			household.....	9,374	11,311
prop'r's, exc. farm...	14,235	3,560	Farm laborers.....	8,857	1,286
Clerical.....	10,060	20,352	Laborers, exc. farm....	12,436	561
Sales.....	7,089	6,465	Not reported.....	4,932	2,807
Craftsmen, foremen.....	32,312	964			

Table 7.--INDUSTRY GROUP OF EMPLOYED PERSONS: 1960

Industry group	Number	Industry group	Number
All industries.....	209,370	Wholesale, retail trade....	39,142
Agricult., forest., fisheries..	15,982	Finance, insurance, real	
Mining.....	133	estate.....	7,807
Construction.....	19,882	Business, repair services..	4,635
Manufacturing.....	33,622	Personal services.....	14,285
Durable goods.....	7,777	Entertainment, recreation..	2,394
Nondurable goods.....	25,845	Professional services.....	26,356
Transport., commun., other		Public administration.....	22,464
public utilities.....	16,734	Not reported.....	5,934

LABOR FORCE, EMPLOYMENT, AND EARNINGS

Table 8.--CLASS OF WORKER: 1960

Class of worker	Number
Civilian workers.....	209,370
Private wage and salary workers.....	144,602
Government workers.....	46,078
Self-employed workers.....	17,009
Unpaid family workers.....	1,681

Table 9.--MARITAL AND LABOR FORCE STATUS OF WOMEN: 1960

Status	Women
14 and over.....	194,788
Married, husband present..	120,447
In labor force.....	48,669
Not in labor force.....	71,778
Other women.....	74,341
In labor force.....	28,967
Not in labor force.....	45,374

Table 10.--EMPLOYMENT STATISTICS, BY GEOGRAPHIC AREA: 1960

Geographic area	Popul. 14 & over: pct. in labor force		Civilian labor force		Employed persons		
	Male	Female	Number	Pct. un-employed	Number	Pct. in agric.	Pct. white collar
The State....	81.2	39.9	218,440	4.2	209,370	7.3	41.6
Counties:							
Hawaii.....	74.1	37.2	23,439	4.9	22,293	21.3	30.8
Honolulu.....	83.1	40.5	167,425	3.8	161,024	3.0	45.5
Kalawao.....	19.6	23.0	58	...	58	...	...
Kauai.....	75.6	36.0	11,093	5.3	10,501	22.0	26.5
Maui.....	73.2	38.1	16,425	5.7	15,494	22.0	26.1
Urban places:							
Hilo.....	72.4	41.9	9,889	4.6	9,433	6.6	43.3
Honolulu.....	80.3	45.0	117,772	3.3	113,858	1.1	47.7
Kailua-Lanikai..	84.8	36.0	8,276	3.5	7,984	1.4	60.0

LABOR FORCE, EMPLOYMENT, AND EARNINGS

Table 11.--MEANS OF TRANSPORTATION TO WORK OF EMPLOYED PERSONS (INCLUDING MILITARY PERSONNEL): 1960

Means of transportation	Workers
All means.....	248,406
Private auto or car pool.....	156,992
Bus.....	20,039
Walked to work.....	22,214
Other means.....	10,173
Worked at home.....	32,843
Not reported.....	6,145

Source of tables 4 to 11: U. S. Bureau of the Census, U. S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii.

Table 12.--PLACE OF WORK OF EMPLOYED PERSONS (INCLUDING MILITARY PERSONNEL) RESIDING IN HONOLULU COUNTY: 1960

Place of work	Number
All workers.....	201,362
Honolulu city.....	114,457
Remainder of county.....	50,741
Honolulu County, not further specified.....	29,819
Outside Honolulu County.....	1,254
Place not reported.....	5,091

Source: U. S. Censuses of Population and Housing: 1960, Census Tracts, Honolulu, Hawaii.

Table 13.--COLLECTIVE BARGAINING AGREEMENTS ON FILE WITH THE HAWAII EMPLOYERS COUNCIL: OCTOBER 1960

Type of shop	Contracts	Employees in bargaining unit
All types.....	468	*43,060
Open shop.....	125	20,000
Full union shop.....	208	6,200
Modified union shop.....	129	16,100
Other types.....	6	760

*This was about 30 percent of all private civilian employment.

Source: Hawaii Employers Council, Union Shop Clauses in Collective Bargaining Agreements in Hawaii (Research Report No. 815, November 1960).

Table 14.--INJURIES AND WORK-LOSS AMONG THE USUALLY WORKING CIVILIAN POPULATION OF OAHU: OCTOBER 1958 TO SEPTEMBER 1959

(Based on a "usually working" civilian population 17 years old or more of 146,856.)

Subject	All accidents	Accidents at work
Persons injured..	53,787	25,279
With one or more days lost from work.....	21,476	10,811
Work-loss days...	189,272	112,837

Source: Hawaii Department of Health, Work-Loss and Morbidity Among Usually Working Persons (Hawaii Health Survey Report No. 3, 1962).

LABOR FORCE, EMPLOYMENT, AND EARNINGS

Table 15.--AVERAGE HOURS AND EARNINGS, BY INDUSTRY: JANUARY 1962

Industry	Average weekly earnings	Average weekly hours	Average hourly earnings
Contract construction.....	\$121.88	39.7	\$3.07
Manufacturing.....	69.55	34.6	2.01
Food and kindred products.....	65.86	33.6	1.96
Textiles and apparel.....	50.80	33.2	1.53
Printing and publishing.....	96.64	37.9	2.55
Transport., commun., utilities.....	93.47	36.8	2.54
Wholesale trade.....	86.15	39.7	2.17
Retail trade, except eating and drinking places.....	51.83	32.6	1.59
Finance, insurance, real est.....	84.65	...	...
Hotels.....	52.70	31.0	1.70
Laundries.....	45.62	37.7	1.21

Source: Hawaii Department of Labor and Industrial Relations, The Hawaii Labor Market, No. 196, February 1962.

Table 16.--STRIKES AND WORK STOPPAGES: 1945 TO 1959

Year	Number	Pct. idle ¹	Year	Number	Pct. idle ¹	Year	Number	Pct. idle ¹
1945...	10	0.03	1950...	34	0.15	1955...	20	0.08
1946...	25	5.63	1951...	19	.42	1956...	22	.06
1947...	23	.26	1952...	32	.20	1957...	32	.05
1948...	12	.33	1953...	19	.29	1958...	27	3.35
1949...	9	.72	1954...	18	.12	1959...	23	.06

¹Man-days idle as a percent of total available working time.

Source: Hawaii Employers Council, Strikes and Work Stoppages (Research Report No. 809, October 1960).

Section 9
Military Services

This section presents statistics relating to military personnel and their dependents, military lands, military expenditures, Selective Service operations, and veterans affairs. The principal sources for these data are reports of the armed forces, Bureau of the Census, Selective Service System, and Veterans Administration. Additional information can sometimes be obtained from the Hawaii Department of Planning and Research, which has published a comprehensive review of such data, Military Statistics for Hawaii, 1961-1962. Section 9 of the Statistical Abstract of the United States: 1961 presents comparable information for the mainland.

Table 1.--MILITARY PERSONNEL AND DEPENDENTS: 1957 TO 1962

Subject	Military personnel and dependents	Military personnel			Dependents
		Total	Ashore	Homeported Hawaii	
Jan. 1, 1962.....	121,464	59,487	47,402	12,085	61,977
July 1, 1961.....	118,381	56,348	44,155	12,193	62,033
Jan. 1, 1961.....	115,324	54,653	43,723	10,930	60,671
April 1, 1960.....	112,938	52,881	41,927	10,954	60,057
Spring 1959.....	112,525	56,303	(NA)	(NA)	56,222
July 1, 1957.....	(NA)	(NA)	(NA)	(NA)	52,000
Service, 1962:					
Air Force.....	19,400	7,149	7,149	-	12,251
Army.....	39,206	18,556	18,556	-	20,650
Coast Guard.....	3,049	1,547	562	985	1,502
Navy and Marines..	59,809	32,235	21,135	11,100	27,574
Island, 1962:					
Oahu.....	120,671	59,126	47,083	12,043	61,545
Other islands.....	793	361	319	42	432

NA Not available.

Source: Hawaii Department of Planning and Research, Military Statistics for Hawaii, 1961-1962 (Research Report 16, February 8, 1962).

MILITARY SERVICES

Table 2.--MILITARY PERSONNEL STATIONED ASHORE: ANNUAL AVERAGES, 1939 TO 1960

Year	Thous.	Year	Thous.	Year	Thous.	Year	Thous.
1939...	24	1945...	300	1951...	32	1957...	49
1940...	28	1946...	68	1952...	35	1958...	45
1941...	44	1947...	34	1953...	36	1959...	45
1942...	117	1948...	30	1954...	36	1960...	52
1943...	206	1949...	26	1955...	47		
1944...	378	1950...	21	1956...	49		

Source: Estimates by U. S. Office of Business Economics, cited in the Hawaii Department of Planning and Research, Military Statistics for Hawaii, 1961-1962 (Research Report 16, February 8, 1962).

Table 3.--AGE AND SEX OF MILITARY PERSONNEL AND DEPENDENTS: 1960

Status and sex	Number	Median age (years)
Military personnel..	52,916	26.9
Male.....	52,281	26.9
Female.....	635	26.4
Dependents.....	60,057	10.2
Male.....	19,463	6.3
Female.....	40,594	21.0

Source: Hawaii State Planning Office, Military Personnel and Dependents in Hawaii, 1960 (Staff Research Memorandum 29, June 27, 1960).

Table 4.--DEFENSE EXPENDITURES: JULY 1, 1959 TO JUNE 30, 1960

Item	Millions of dollars
Total.....	307
Military spending for supplies, services, and construction	49
Pay to shore-based military personnel.....	132
Pay to civilians (direct hire only).....	126

Source: U. S. Department of Defense data, cited in Statistical Abstract of the United States: 1961, p. 238.

MILITARY SERVICES

Table 5.--LAND HELD OR UTILIZED BY THE ARMED FORCES: 1959

Subject	Acres
Total.....	249,695
Island:	
Oahu.....	103,708
Other islands.....	145,987
Control:	
Fee and ceded.....	85,323
Other.....	164,372

Source: U. S. Department of Defense data, cited in the Hawaii Department of Planning and Research, Military Statistics for Hawaii, 1961-1962 (Research Report 16, February 8, 1962).

Table 6.--SELECTIVE SERVICE DATA: JUNE 30, 1960

Subject	Number
Living registrants, 18½ to 26..	48,435
Forwarded to armed forces ¹	20,827
Rejections ¹	8,760
Inductions ¹	11,306
On active duty, net credits....	13,389
Standby reserves.....	3,835

¹Cumulative, September 1948 to June 1960.

Source: Selective Service System data, cited in Statistical Abstract of the United States: 1961, p. 247.

Table 7.--VETERAN STATUS OF THE CIVILIAN MALE POPULATION: 1960

Veteran status	Number
Male, 14 and over.....	185,069
Veteran.....	55,938
Nonveteran.....	129,131

Source: U. S. Bureau of the Census, U. S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii.

Table 8.--SELECTED FEDERAL EXPENDITURES FOR VETERANS: JULY 1, 1959 TO JUNE 30, 1960

Item	Thousands of dollars
Total expenditures....	10,721
Compensation and pensions..	5,796
Insurance and indemnities..	1,997
Education and training.....	1,000
Administration and other...	1,918

Source: Veterans Administration data, cited in Statistical Abstract of the United States: 1961, p. 250.

Section 10
Social Insurance and Welfare Services

This section presents data on government programs for old-age, survivors, and disability insurance, unemployment insurance, aid to the needy, maternal and child welfare services, the Community Chest, foundations, and similar activities. Major sources include reports of the United States Department of Health, Education, and Welfare (particularly the Social Security Administration and its various bureaus), the Bureau of Employment Security of the U.S. Department of Labor, the Hawaii Department of Social Services, and the Hawaii Department of Labor and Industrial Relations. Personnel of these agencies can provide additional data. Section 10 of the Statistical Abstract of the United States: 1961 presents comparable information for the mainland.

Table 1.-- SOCIAL WELFARE COSTS: 1938 TO 1961
(In thousands of dollars)

Years ending June 30	Total costs	Source of funds		Expenditure category		
		Federal	State	Admin- istration	Medical payments ¹	Money Payments
1938....	1,096	279	817	140	-	956
1940....	1,124	319	805	176	-	948
1942....	1,382	407	976	261	-	1,121
1944....	1,801	361	1,440	372	366	1,063
1946....	2,434	408	2,026	515	613	1,306
1948....	4,291	1,038	3,253	727	599	2,966
1950....	8,076	2,276	5,800	881	555	6,641
1952....	7,439	2,872	4,567	971	-	6,469
1954....	6,379	3,154	3,225	953	-	5,426
1956....	7,575	3,386	4,189	899	-	6,676
1958....	7,630	3,546	4,083	1,100	-	6,530
1960....	8,076	3,811	4,265	1,268	-	6,808
1961....	9,905	4,099	5,806	1,339	1,694	6,873

¹Limited to hospital care, dental care, and burial, 1943-1951. Responsibility transferred to Department of Health, 1951-1959. Medical care program for indigents and medical indigents under Department of Social Services beginning in January 1960. Source: Hawaii Department of Social Services, records.

SOCIAL INSURANCE AND WELFARE SERVICES

Table 2.-- STATISTICS ON SOCIAL INSURANCE AND RELATED PROGRAMS: 1960

Subject	Number	Subject	Number
FEDERAL GRANTS TO STATE AND COUNTY GOVERNMENTS ¹		UNEMPLOYMENT INSURANCE	
All purposes.....	20,829	State coverage (1959):	
Social Security and related..	9,532	Ave. employment ²	135
Public assistance.....	3,832	Total wages ³	517
Employment security.....	988	Taxable wages ³	369
Health services.....	2,316	Ave. contrib. rate (%).....	1.06
Other welfare services.....	2,397	Federal empl. coverage (1959):	
Education.....	4,126	Ave. employment ²	26
All other purposes.....	7,171	Total wages ³	137
OLD-AGE, SURVIVORS, AND DIS- ABILITY INSURANCE ¹		Beneficiaries (State prog.) ² ..	13
Benefit payments.....	20,299	Benefits paid ⁴	4,501
Old-Age and Survivors Ins....	19,193	ve. weekly payment (\$).....	31.74
Old-age.....	12,567	Contributions ⁴	4,951
Supplementary.....	1,906	Benefits as pct. of contrib...	90.9
Survivor.....	4,449	Funds avail. for benefits ⁴	25,313
Lump-sum death pay.....	271		
Disability Insurance.....	1,106	PUBLIC EMPLOYMENT OFFICES	
Disability.....	913	New applications ²	28
Supplementary.....	193	Placements ²	16
		Nonagricultural ²	13
		WORKMEN'S COMPENSATION	
		Payments (1959) ⁴	3,413

¹Year ending June 30. In thousands of dollars.

²In thousands.

³In million of dollars.

⁴In thousands of dollars.

Source: Data from U.S. Social Security Administration and U.S. Bureau of Employment Security, cited in Statistical Abstract of the United States: 1961, pp. 263, 271, and 279-282.

SOCIAL INSURANCE AND WELFARE SERVICES

Table 3.-- STATISTICS ON PUBLIC ASSISTANCE, MATERNAL AND CHILD HEALTH, ADOPTIONS, AND CHILD WELFARE SERVICES: 1960

Subject	Number	Subject	Number
FEDERAL GRANTS FOR PUBLIC ASSISTANCE ¹		MATERNAL AND CHILD HEALTH FEDERAL GRANTS ¹	
All programs.....	3,859	Maternal and child health.....	156.2
Old-age assistance.....	670	Crippled children.....	148.4
Aid to dependent children.....	2,607	Child welfare.....	81.8
Aid to the blind.....	48		
Aid to the disabled.....	533	ADOPTIONS (1959)	
		Petitions granted.....	643
PUBLIC ASSISTANCE RECIPIENTS ²		Related to child.....	405
Old-age assistance.....	1,483	Not related to child.....	235
Aid to dependent children:		Adopted by nonrelatives:	
Families.....	2,445	Pct. placed by agency.....	39.8
Recipients.....	9,540	Pct. out of wedlock.....	79.8
Children.....	7,590		
Aid to the blind.....	78	CHILDREN RECEIVING CHILD WELFARE CASEWORK SERVICES FROM PUBLIC AGENCIES ³	
Aid to the disabled.....	1,010		
General assistance (cases).....	1,006	Total.....	1,348
		In home of parents or relatives..	710
AVE. MO. PAYMENTS TO PUBLIC ASSIST. RECIPIENTS (DOLLARS)		In foster family home.....	523
Old-age assistance.....	68.48	In other quarters.....	115
Aid to dependent children:			
Per family.....	137.70		
Per recipient.....	35.29		
Aid to the disabled.....	82.85		
General assistance (per case)....	76.88		

¹For year ending June 30. In thousands of dollars.

²As of December.

³As of March 31.

Source: Data from U.S. Social Security Administration, cited in the Statistical Abstract of the United States: 1961, pp. 285-290.

SOCIAL INSURANCE AND WELFARE SERVICES

Table 4.-- STATISTICS ON VOCATIONAL REHABILITATION, COMMUNITY CHEST CAMPAIGNS, AND FOUNDATIONS: 1960

Subject	Number	Subject	Number
VOCATIONAL REHABILITATION OF DISABLED PERSONS ¹		FOUNDATIONS	
Number rehabilitated.....	237	Expenditures:	
Federal grants ²	219	Foundations reporting.....	10
		Amount ²	650
COMMUNITY CHEST		Grants:	
Campaigns.....	5	Foundations reporting.....	10
Funds raised ²	1,375	Amount ²	584

¹Year ending June 30.

²In thousands of dollars.

Source: Data from U.S. Office of Vocational Rehabilitation, United Community Funds and Councils of America, Inc., and the Foundation Library Center, cited in the Statistical Abstract of the United States: 1961, pp. 292, 294 and 295.

Table 5.-- CHILD LABOR CERTIFICATES ISSUED, BY AGE AND SEX: JULY 1, 1960 TO JUNE 30, 1961

Age in years	Boys	Girls
All ages.....	8,629	5,865
Under 16.....	1,377	475
16 and 17.....	7,148	5,314
18 and over.....	104	76

Table 6.-- UNEMPLOYMENT INSURANCE STATISTICS: 1960

Subject	Number
Workers covered (average)..	148,607
Wages paid (\$1,000).....	604,400
Contributions (\$1,000).....	4,476
Unemployment insurance benefits paid (\$1,000)...	4,511

Source of tables 5 and 6: Annual Report of the Department of Labor and Industrial Relations, State of Hawaii, July 1, 1960 to June 30, 1961.

Section 11
Income and Expenditures

This section presents estimates of the dollar volume of imports and exports of goods and services and personal remittances into and out of Hawaii, personal income and per capita personal income, the income of families and unrelated individuals, and family expenditures. Important sources of these statistics include the 1960 U. S. Census of Population, annual reports of the U. S. Office of Business Economics and Bank of Hawaii, and various studies by the U. S. Bureau of Labor Statistics and Honolulu Star-Bulletin. Detailed information can usually be obtained from the Hawaii Department of Budget and Review, University of Hawaii Economic Research Center, Bank of Hawaii Department of Business Research, or First National Bank of Hawaii Department of Economic Research. Comparable mainland statistics appear in Section 11 of the Statistical Abstract of the United States: 1961.

Table 1.--IMPORTS AND EXPORTS OF GOODS AND SERVICES AND PERSONAL REMITTANCES:
1950 TO 1960

(In millions of dollars)

Year	Imports	Exports	Year	Imports	Exports	Year	Imports	Exports
1950...	540	513	1954...	638	679	1958...	822	857
1951...	603	595	1955...	707	746	1959...	923	953
1952...	601	632	1956...	748	805	1960...	1,033	1,028
1953...	674	692	1957...	833	856			

Table 2.--INCOME FROM SELECTED SOURCES: 1950 TO 1961

(In millions of dollars)

Source	1950	1956	1957	1958	1959	1960	1961
Sugar exports.....	119	143	142	103	126	123	140
Pineapple exports.....	97	117	110	124	122	113	112
Armed forces expenditures.....	147	285	308	327	338	373	402
Visitor and crew expenditures..	26	69	80	85	112	134	140

INCOME AND EXPENDITURES

Table 3.--IMPORTS AND EXPORTS OF GOODS AND SERVICES AND PERSONAL REMITTANCES, BY
CATEGORY: 1960

Subject	Millions of dollars	Subject	Millions of dollars
Imports (expenditures) ..	1,033	Exports (income)	1,028
Merchandise imports	569	Merchandise exports	264
Payments to U. S. government.	259	U. S. government expenditures.	486
Services from out-of-State concerns	147	Goods and services bought in Hawaii by nonresidents	195
Interest, dividends and profits paid to nonresidents ...	46	Interest, dividends and profits from out-of-State	49
Personal remittances	12	Personal remittances	34

Source of tables 1 to 3: Department of Business Research, Bank of Hawaii, Hawaii, Planning for Island Growth: 1961 Annual Economic Report (July 1961), and records.

Table 4.--PERSONAL INCOME, TOTAL AND PER CAPITA: 1939 TO 1961

Year	Personal income		Year	Personal income		Year	Personal income	
	Total (millions of dollars)	Per capita (dollars)		Total (millions of dollars)	Per capita (dollars)		Total (millions of dollars)	Per capita (dollars)
1939...	218	525	1947...	721	1,384	1955...	952	1,789
1940...	246	577	1948...	725	1,411	1956...	1,024	1,862
1941...	341	749	1949...	685	1,354	1957...	1,098	1,916
1942...	612	1,087	1950...	689	1,403	1958...	1,158	1,946
1943...	778	1,186	1951...	796	1,589	1959...	1,290	2,118
1944...	1,028	1,239	1952...	864	1,745	1960...	1,442	2,274
1945...	1,009	1,328	1953...	889	1,782	1961...	1,515	2,306
1946...	719	1,312	1954...	893	1,768			

INCOME AND EXPENDITURES

Table 5.--MAJOR SOURCES OF PERSONAL INCOME: 1960

Source	Millions of dollars
All sources.....	1,442
Component:	
Wages and salaries.....	1,102
Other labor income.....	42
Proprietors' income.....	123
Property income.....	149
Transfer payments.....	59
Less: Personal contributions for social insur.....	32
Industry:	
Farm income.....	94
Federal government.....	384
State and local govt.....	116
Private nonfarm income...	848

Table 6.--INDUSTRIAL SOURCES OF CIVILIAN INCOME RECEIVED BY PERSONS FOR PARTICIPATION IN CURRENT PRODUCTION: 1960

Industrial source	Millions of dollars
All industries.....	1,066
Farms.....	94
Contract construction.....	121
Manufacturing.....	104
Wholesale, retail trade.....	214
Finance, insurance, and real estate.....	43
Transportation.....	50
Communications, utilities.....	32
Services.....	152
Government.....	250
Other industries.....	6

Source of tables 4 to 6: U. S. Office of Business Economics, Personal Income by States Since 1929 (1956) and Survey of Current Business, August 1961 and April 1962.

Table 7.--INCOME IN 1959 OF FAMILIES AND UNRELATED INDIVIDUALS: 1960

Total money income	Families	Unrel. individuals
Total.....	130,871	66,596
Under \$1,000.....	4,707	13,647
\$1,000 to \$1,999..	4,498	19,681
\$2,000 to \$2,999..	7,782	11,403
\$3,000 to \$3,999..	13,675	9,390
\$4,000 to \$4,999..	15,037	4,602
\$5,000 to \$5,999..	14,758	2,950
\$6,000 to \$6,999..	13,594	1,744
\$7,000 to \$7,999..	11,213	933
\$8,000 to \$8,999..	9,159	566
\$9,000 to \$9,999..	7,685	381
\$10,000 to \$14,999	19,754	893
\$15,000 to \$24,999	6,740	278
\$25,000 and over..	2,269	128

Table 8.--MEDIAN INCOME OF FAMILIES AND UNRELATED INDIVIDUALS, 1950 AND 1960, AND BY GEOGRAPHIC AREAS, 1960

Year and geographic area	Families (dollars)	Unrel. individuals (dollars)
1960.....	6,366	1,998
1950.....	3,568	1,499
Counties, 1960:		
Hawaii.....	4,866	1,903
Honolulu.....	6,792	1,968
Kalawao.....	...	...
Kauai.....	4,976	2,387
Maui.....	5,216	2,379
Cities, 1960:		
Hilo.....	5,516	1,765
Honolulu.....	7,029	2,725
Kailua-Lanikai....	8,265	2,414

INCOME AND EXPENDITURES

Table 9.--MEDIAN EARNINGS OF SELECTED OCCUPATION GROUPS: 1960

Sex and occupation group	Dollars
Male, total earnings.	4,353
Professional, managerial..	6,691
Craftsmen, foremen.....	5,060
Operatives.....	3,569
Paid farm laborers, foremen.....	2,949
Laborers, except farm.....	3,074
Female, total earning	2,407
Clerical.....	3,164
Operatives.....	1,840

Source of tables 7 to 9: U. S. Bureau of the Census, U. S. Census of Population: 1950, General Characteristics, Hawaii, and U. S. Census of Population: 1960, General Social and Economic Characteristics, Hawaii.

Table 10.--MEDIAN FAMILY INCOME OF ALL HOUSEHOLDS AND CIVILIAN HOUSEHOLDS, BY RACE OF HOUSEHOLD HEAD, FOR OAHU: 1961

Race of household head	All households (dollars)	Civilian households (dollars)
All races...	6,398	6,795
Caucasian.....	6,066	6,970
Chinese.....	7,525	7,509
Filipino.....	4,808	5,000
Hawaiian.....	5,905	6,000
Japanese.....	6,959	7,040
Other races.....	5,902	6,200

Source: Honolulu Star-Bulletin "consumer analysis," January 1961, special tabulation.

Table 11.--AVERAGE MONEY EXPENDITURES OF OFFICE WORKER FAMILIES OF FOUR PERSONS, WITH INCOMES OF \$4,000 TO \$7,500 AFTER TAXES, FOR HONOLULU: 1951

Goods and services	Dollars	Goods and services	Dollars
Expend. for current consumption.	5,522	Current consumption, con.:	
Food.....	1,681	Personal care.....	127
Housing.....	578	Recreation.....	239
Fuel, light, refrigeration....	149	Tobacco.....	56
Household operation.....	254	Alcoholic beverages.....	92
Furnishings, equipment.....	519	Reading.....	46
Clothing.....	403	Education.....	101
Automobile.....	745	Miscellaneous.....	117
Other transportation.....	118	Gifts and contributions.....	211
Medical care.....	296	Insurance.....	438

Source: U. S. Bureau of Labor Statistics, Income and Expenditures of Office Workers' Families...Honolulu, T.H., 1951 (October 1953). Based on unweighted means of data for three income groups.

Section 12 Prices

This section presents indexes of consumer prices in Honolulu and comparisons of Honolulu living costs with those in mainland cities. The Hawaii Department of Labor and Industrial Relations is the leading source for this information. Comparable mainland statistics appear in the Statistical Abstract of the United States: 1961, Section 12.

Table 1.-- CONSUMER PRICE INDEX FOR ALL ITEMS COMBINED, FOR HONOLULU: ANNUAL AVERAGES, 1940 TO 1961, AND FOR SELECTED MONTHS, 1961 AND 1962

(March 1943=100.)

Year	Index	Year	Index	Year	Index	Year and mo.	Index
1940...	77.9	1947...	127.5	1954...	141.8	1961.....	168.4
1941...	82.5	1948...	134.1	1955...	143.8	March...	166.3
1942...	93.4	1949...	132.2	1956...	145.8	June....	168.0
1943...	100.4	1950...	127.7	1957...	151.0	Sept....	169.3
1944...	102.1	1951...	135.7	1958...	157.4	Dec.....	170.2
1945...	104.3	1952...	139.2	1959...	160.5	1962.....	...
1946...	111.3	1953...	140.4	1960...	164.2	March...	170.8

Source: Hawaii Department of Labor and Industrial Relations, news releases and records; Hawaii Employers Council, The Consumers' Price Index (December 29, 1950). Data for 1940-1942 are unofficial.

PRICES

Table 2.-- CONSUMER PRICE INDEX, BY ITEM, FOR HONOLULU: MARCH 1940 TO MARCH 1962

(March 1943=100.)

Item	March 1962	March 1960	March 1955	March 1950	March 1945	March 1940
All items.....	170.8	163.0	143.6	126.0	103.9	77.1
Food at home.....	179.9	172.2	156.3	133.1	100.7	69.1
Clothing.....	131.9	129.2	118.8	112.9	101.4	69.3
Rent.....	(NA)	136.5	123.3	110.8	99.6	95.0
Fuel, light.....	140.4	138.7	127.4	107.2	100.0	100.0
House furnishings.....	167.1	163.6	140.5	123.0	103.0	73.3
Miscellaneous.....	199.7	185.8	153.1	133.0	110.6	96.7
Transportation.....	224.5	193.7	171.1	128.7	95.6	(NA)
Medical care.....	196.3	188.3	158.9	139.6	110.0	(NA)
Household operation.....	173.4	167.4	143.0	126.4	104.0	(NA)
Recreation.....	192.3	189.4	148.5	136.4	119.8	(NA)
Personal care.....	205.8	182.5	132.7	129.8	120.5	(NA)

NA Not available.

Source: Hawaii Department of Labor and Industrial Relations, news releases; Hawaii Employers Council, The Consumers' Price Index (December 29, 1950). The 1940 data are unofficial.

Table 3.-- LIVING COSTS IN HONOLULU COMPARED WITH COSTS IN WASHINGTON, D.C.: 1951 AND 1959

Year	Honolulu as percent of Washington, D.C.
1951.....	115
1959.....	117.6

Source: U.S. Bureau of Labor Statistics, "Measuring Comparable Living Costs in Cities of Diverse Characteristics," Monthly Labor Review, October 1956; U.S. Civil Service Commission, Living Costs of Federal Employees in Alaska, Hawaii, Puerto Rico, Virgin Islands, 1959 (February 1960).

Section 13 Elections

This section presents data on the number of registered voters, votes cast, and the party affiliation of elected officials. Official election results are published by the Office of the Lieutenant Governor. Additional information is often available from the various county clerks and the Legislative Reference Bureau of the University of Hawaii. National statistics appear in the Statistical Abstract of the United States: 1961, Section 13.

Table 1.-- REGISTERED VOTERS AND PARTY MEMBERSHIP OF LEGISLATORS ELECTED:
SELECTED GENERAL ELECTIONS, 1900 TO 1959

General election	Registered voters	House of Representatives			Senate (incl. holdover)		
		Dem.	Rep.	Home Rule	Dem.	Rep.	Home Rule
1900....	11,216	8	9	13	-	6	9
1910....	14,442	1	28	1	3	12	-
1920....	26,335	4	26	-	1	14	-
1930....	52,127	2	28	-	1	14	-
1940....	87,312	3	27	-	3	12	-
1942....	85,292	5	25	-	4	11	-
1944....	84,326	9	21	-	7	8	-
1946....	103,180	15	15	-	7	8	-
1948....	123,616	10	20	-	6	9	-
1950....	141,319	9	21	-	6	9	-
1952....	148,717	11	19	-	7	8	-
1954....	160,865	22	8	-	9	6	-
1956....	170,258	18	12	-	12	3	-
1958....	175,317	33	18	-	16	9	-
1959....	183,118	33	18	-	11	14	-

Source: Office of the Lieutenant Governor, records; Legislative Reference Bureau, University of Hawaii, records; Annual Report of the Governor of Hawaii to the Secretary of the Interior, various years.

ELECTIONS

Table 2.-- PERSONS 20 AND OVER, BY PARTICIPATION IN ELECTIONS: 1960

Category	Number	Category	Number
20 and over.....	360,193	Not eligible to register..	128,279
Eligible to register....	231,914	Not U.S. citizen.....	51,316
Registered.....	202,059	Residence under 1 year ¹	8,529
Voting.....	188,206	In mental or penal institution	2,190
Not voting.....	13,853	Military personnel.....	45,082
Not registered.....	29,855	Military deponent.....	21,162
Not eligible to register	128,279		

¹Civilian non-institutional only.

Table 3.-- REGISTERED VOTERS, BY SEX AND COUNTY: 1960

Sex	The State	Hawaii County	Honolulu County	Kauai County	Maui County
Total.....	202,059	26,059	147,123	11,338	17,539
Male.....	104,591	13,478	75,863	5,983	9,267
Female.....	97,468	12,581	71,260	5,355	8,272

¹Includes Kalawao County.

Source of tables 2 and 3: Robert C. Schmitt, Characteristics of Voters and Non-Voters in Hawaii (University of Hawaii, Romanzo Adams Social Research Laboratory, Report No. 31, November 1961), and Office of the Lieutenant Governor of Hawaii, Tabulation, Result of Votes Cast, General Election, Tuesday, November 8, 1960.

ELECTIONS

Table 4.-- VOTES CAST FOR MAJOR OFFICES: 1959 AND 1960

Election and office	All parties	Democrat		Republican		Commonwealth votes
		Candidate	Votes	Candidate	Votes	
July 28, 1959:						
Governor.....	168,662	Burns...	82,074	Quinn....	86,213	375
Lt. Governor.....	165,808	Kido....	75,156	Kealoha..	90,652	...
Senator, Seat A...	164,808	Fasi....	77,647	Fong.....	87,161	...
Senator, Seat B...	163,875	Long....	83,700	Tsukiyama	79,123	1,052
Representative....	163,717	Inouye..	111,727	Silva....	51,058	932
November 8, 1960:						
President.....	184,705	Kennedy.	92,410	Nixon....	92,295	...
Representative....	182,639	Inouye..	135,827	Titcomb..	46,812	...

Source: Office of the Secretary of Hawaii, Official Tabulation, Result of Votes Cast, General Election, Tuesday, July 28, 1959, and Office of the Lieutenant Governor of Hawaii, Tabulation, Result of Votes Cast, General Election, Tuesday, November 8, 1960.

Table 5.-- PARTY MEMBERSHIP OF SPECIFIED STATE AND COUNTY OFFICIALS: DECEMBER 1961

County	Mayor or chairman	Councilmen or supervisors		State representatives		State senators	
		Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
The State.....	...	24	8	33	18	11	14
Hawaii Co.....	Rep.	3	4	6	1	3	4
Honolulu Co.....	Rep.	9	-	21	15	4	6
Kauai Co.....	Dem.	5	2	2	1	1	2
Maui Co.....	Dem.	7	2	4	1	3	2

¹Kalawao County, not listed separately, has only one county official (the sheriff) and votes with Maui County for State legislators.

Source: University of Hawaii, Legislative Reference Bureau, Guide to Government in Hawaii, First Edition, 1961.

Section 14
Government Finances and Employment

This section presents statistics relating to the financial structure and civilian employment of Federal, State and local government in Hawaii. Local government is vested in one combined city-county (Honolulu, consisting of the Island of Oahu and numerous outlying islets), three predominantly rural counties (Hawaii, Kauai, and Maui), and one area (Kalawao County) administered by the State Department of Health. Separate municipal governments do not exist. The counties establish real property tax rates, but, except for licenses, permits, and fees, tax collections are the responsibility of the State. Important sources for statistics on government in Hawaii include the Annual Report of the Director of Taxation, State of Hawaii and other periodic reports of the Department of Taxation, the Compendium of State Government Finances issued annually by the U. S. Bureau of the Census, and an annual compilation published by the Tax Foundation of Hawaii, Government in Hawaii: A Handbook of Financial Statistics. Comparable mainland statistics appear in the foregoing reports and in the Statistical Abstract of the United States: 1961, sections 14 and 15.

Table 1.-- TAX COLLECTIONS AND GOVERNMENT EMPLOYMENT: 1901 TO 1961

Year	Tax collections (\$1,000) ¹				Civilian employment ²			
	Total	Federal	State	County	Total	Federal	State	County
1901....	(NA)	102	1,986	(NA)	(NA)	(NA)	(NA)	(NA)
1910....	(NA)	209	2,894	(NA)	(NA)	(NA)	(NA)	(NA)
1920....	(NA)	11,930	7,547	(NA)	(NA)	(NA)	(NA)	(NA)
1929....	(NA)	5,606	15,484	(NA)	(NA)	(NA)	(NA)	(NA)
1934....	19,317	5,116	12,598	1,603	(NA)	(NA)	(NA)	(NA)
1939....	(NA)	11,894	22,307	(NA)	20,495	9,642	5,990	4,863
1944....	193,299	150,781	40,477	2,041	78,617	66,809	6,550	5,258
1949....	161,213	91,203	66,295	3,715	40,119	24,082	9,392	6,645
1954....	219,740	136,175	78,263	5,303	42,630	24,721	10,713	7,196
1959....	314,277	175,176	132,693	6,408	45,704	26,069	12,126	7,509
1960....	372,012	216,939	148,256	6,817	48,971	26,328	14,762	7,881
1961....	413,997	242,358	164,296	7,343	49,163	25,899	15,188	8,076

NA Not available.

¹For fiscal years ending June 30.

²Annual averages for calendar years.

Source: Statistical Abstract of the United States for 1905 (p. 92), 1914 (p. 595), 1923 (p. 564), and 1933 (p. 171); Robert M. Kamins, The Tax System of Hawaii (1952), p. 175; Tax Foundation of Hawaii, Government in Hawaii for 1955 (p. 17) and 1962 (p. 14) and records; U. S. Office of Business Economics, Income of Hawaii (1953), p. 20 and 1955 supplement; Hawaii Department of Labor and Industrial Relations, records.

GOVERNMENT FINANCES AND EMPLOYMENT

Table 2.-- TAX COLLECTIONS, BY LEVEL OF GOVERNMENT: 1961

Unit of government and source	Amount (\$1,000)
Total collections.....	413,997
Federal (fiscal year).....	242,358
Indiv. income and employ	185,655
Corp. income and excess profits.....	42,657
Other sources.....	14,046
State (fiscal year).....	164,296
Gross income.....	68,147
Personal income.....	32,150
Corporate income.....	5,834
Fuel.....	16,430
Real property.....	21,886
Unemployment compensa- tion.....	5,334
Other sources.....	89,110
Counties (prev. calendar yr)	7,343

Table 3.-- STATE REVENUE RECEIPTS: FISCAL YEAR 1961

Source of revenues	Amount (\$1,000)
All sources.....	195,583
Type of fund:	
General.....	150,182
Special.....	45,401
Specific source:	
Tax revenues.....	118,582
General excise.....	49,567
Specific excises.....	12,333
Individual income.....	32,150
Corporate income.....	5,650
Unemployment comp.....	4,478
Other taxes.....	2,066
Federal grants-in-aid....	46,510
Other sources.....	30,090

Table 4.-- STATE GENERAL EXCISE TAX COLLECTIONS: FISCAL 1961

Activity	Amount (\$1,000)
Total collections....	68,147
Retailing.....	30,619
Services.....	7,060
Contracting.....	9,995
Commissions.....	1,503
Rentals.....	5,741
Consumption.....	1,880
Sugar processing.....	1,858
Pineapple canning.....	2,013
Producing and manufacturing.	415
Wholesaling.....	1,300
All other activities.....	5,763

Table 5.-- COUNTY OPERATING REVENUES: 1960

Subject	Amount (\$1,000)
All counties.....	70,454
County:	
Hawaii.....	10,588
Honolulu.....	47,956
Kauai.....	4,436
Maui.....	7,474
Source:	
Taxes.....	50,640
Real property.....	22,018
General excise.....	17,889
Liquid fuel.....	5,099
Utility franchise.....	941
Motor vehicle weight....	4,694
State grants-in-aid.....	7,555
Federal grants-in-aid....	4,483
Other sources.....	599

GOVERNMENT FINANCES AND EMPLOYMENT

Table 6.-- STATE AND COUNTY EXPENDITURES, BY ITEM: 1960-1961

Item	Expenditures (\$1,000)		
	State and counties	State ¹	Counties ²
Total expenditures.....	249,486	184,919	64,568
General government:			
Control.....	4,893	3,964	929
Staff agencies.....	15,048	7,771	7,276
Police and fire.....	11,346	160	10,186
Other protection.....	26,840	24,775	2,000
Highways.....	20,752	11,130	9,623
Devel. and cons. nat. resources...	8,620	8,620	---
Health and sanitation.....	8,961	3,979	4,982
Hospitals and institutions.....	14,141	11,348	2,793
Public welfare.....	11,251	9,979	1,272
University of Hawaii.....	13,097	13,097	---
Public schools.....	60,069	51,282	8,787
Libraries.....	1,665	1,665	---
Recreation.....	4,408	1,103	3,305
Utilities.....	8,837	8,617	220
Interest.....	5,578	1,844	3,734
Bond redemption.....	8,555	3,784	4,771
Retirement and pension.....	8,719	5,938	2,782
Unemployment compensation.....	8,556	8,556	---
Miscellaneous.....	7,808	7,306	502
Cash for capital improvements.....	2,320	---	2,320
Less: State salary grants.....	1,979	---	1,979

¹Fiscal year 1960-1961.

²Calendar year 1960.

GOVERNMENT FINANCES AND EMPLOYMENT

Table 7.-- ALLOCATION OF TAX COLLECTIONS:
FISCAL

Allocated to--	Thousands of dollars
Total.....	164,297
State.....	118,611
Hawaii Co.....	6,077
Honolulu Co.....	31,709
Kauai Co.....	3,140
Maui Co.....	4,760

Table 8.-- COUNTY GOVERNMENT EX-
PENDITURES: 1960

County	Thousands of dollars
All counties.....	64,568
Hawaii.....	7,748
Honolulu.....	47,176
Kauai.....	3,353
Maui.....	6,291

Table 9.-- LONG-TERM STATE AND COUNTY
BONDED DEBT: DECEMBER 31, 1951 TO
1961

Year (as of Dec. 31) and unit of government	Amount (\$1,000)
1961.....	209,213
1960.....	188,994
1956.....	107,595
1951.....	55,528
Unit of gov't., 1961:	
State.....	73,685
Hawaii Co.....	10,956
Honolulu Co.....	114,544
Kauai Co.....	3,069
Maui Co.....	6,959

Table 10.-- REAL PROPERTY TAX VALUA-
TIONS AND ASSESSMENT RATIOS: 1940
TO 1961

Year	Assess- ment ratio	Valuation (\$1,000)
1940.....	60	350,734
1950.....	60	772,021
1960.....	70	3,173,626
1961.....	70	3,327,737

Source: Hawaii Department of Taxa-
tion, records.

Source of tables 2 to 9: Tax
Foundation of Hawaii, Government in
Hawaii: A Handbook of Financial Sta-
tistics, 1962, 9th Edition

GOVERNMENT FINANCES AND EMPLOYMENT

Table 11.-- REAL PROPERTY TAX VALUATIONS: 1961

Subject	Millions of dollars
Gross valuation.....	3,328
Land.....	1,914
Improvements.....	1,414
Exemptions.....	1,358
United States.....	569
State.....	293
Counties.....	150
Homes.....	181
Public utilities.....	45
All others.....	120
Net taxable valuation..	1,970
On appeal.....	23

Source: Hawaii Department of Taxation, release dated May 3, 1961.

Table 12.-- REAL PROPERTY TAX VALUATIONS AND TAX RATES, BY GEOGRAPHIC AREA: 1961

Geographic area	Assessed value (\$1,000)	Rate per \$1,000 value ¹
The State..	3,327,737	...
Hawaii Co.....	184,159	16.10
Honolulu Co.....	2,903,068	13.89
Honolulu city..	1,951,819	..do.
Other.....	951,250	..do.
Kauai Co.....	88,849	15.50
Maui Co.....	151,661	13.61

¹Based on 70 percent assessment ratio. Includes taxes for redevelopment in Hawaii and Honolulu Counties.

Source: Hawaii Department of Planning and Research, The Geographic Distribution of Property Values in Hawaii, 1961 (Research Report 7, July 24, 1961), and Hawaii Department of Taxation, release dated May 3, 1961.

Table 13.-- STATE INCOME TAX RESIDENT RETURNS FOR 1959, BY ADJUSTED GROSS INCOME CLASS

Adjusted gross income class	Number of returns	Adjusted gross income ¹	Net taxable income ¹	Tax liability ¹
Resident returns.....	177,602	911,841	599,402	25,618
Loss.....	510	1,489	...	...
\$1 to \$4,999.....	106,789	260,867	144,466	5,282
\$5,000 to \$9,999.....	53,504	372,175	240,866	9,555
\$10,000 to \$24,999.....	15,067	202,517	151,235	6,914
\$25,000 to \$99,999.....	1,668	64,093	52,536	3,174
\$100,000 or more.....	64	12,189	10,299	690

¹In thousands of dollars. Totals exclude losses.

Source: Hawaii Department of Taxation, Hawaii Income Patterns for Individuals in 1959 as Reported on Income Tax Returns Filed in 1960 (1961), p. 10.

GOVERNMENT FINANCES AND EMPLOYMENT

Table 14.-- CIVILIAN EMPLOYMENT IN FEDERAL, STATE, AND LOCAL GOVERNMENT, BY ISLAND: FEBRUARY 15, 1962

Island	All levels	Federal			State	Local
		Total	Defense ¹	Non-defense		
The State.....	49,231	25,666	22,366	3,300	15,417	8,148
Oahu.....	42,496	25,187	22,326	2,861	12,050	5,259
Hawaii.....	3,166	257	40	217	1,599	1,310
Maui.....	1,803	121	-	121	841	841
Kauai.....	1,475	80	-	80	718	677
Molokai & Lanai.....	291	21	-	21	209	61

¹Includes 2,464 Air Force workers, 6,667 Army, and 12,235 Navy.

Source: Hawaii Department of Labor and Industrial Relations, mimeographed release.

Table 15.-- EMPLOYMENT AND PAYROLLS IN STATE AND LOCAL GOVERNMENT: OCTOBER 1960

Function	Full-time equivalent employment	Payrolls (\$1,000)
All functions..	20,934	9,406
Education.....	8,004	3,667
Other ¹	12,930	5,739
Highways.....	2,081	862
Hospitals.....	1,860	698
Sanitation.....	650	290
Police protection	1,027	510
Fire protection..	637	328
Natural resources	717	337
General control..	1,863	993

¹Includes functions not shown separately.

Table 16.-- STATE AND LOCAL GOVERNMENT PAYROLLS AND AVERAGE FULL-TIME EQUIVALENT EARNINGS: OCTOBER 1960

Subject	Amount
Payroll (\$1,000).....	9,406
State (\$1,000).....	6,202
Local (\$1,000).....	3,204
Average earnings (dollars)	449
State (dollars).....	457
Local (dollars).....	444

Source of tables 15 and 16: U. S. Bureau of the Census cited in Statistical Abstract of the United States: 1961, pp. 426-427.

Section 15
Banking, Finance, and Business Enterprise

Statistics in this section relate to money and banking, securities markets, and business firms. Reports of official regulatory agencies provide most of the data in these fields. Persons needing more detailed information should apply to the Hawaii Department of Treasury and Regulation, particularly its Bank Examination Division, Business Registration Division, and Insurance Commission Division, or to the research departments of major Honolulu banks. Comparable mainland statistics appear in Sections 16 and 17 of the Statistical Abstract of the United States: 1961.

Table 1.--STATISTICAL SUMMARY FOR BANKS, SAVINGS AND LOAN ASSOCIATIONS, AND INSURANCE COMPANIES: 1901 TO 1961

(In millions of dollars.)

Year	Banks ¹		Savings & loan assoc.: assets ¹	Life insurance	
	Assets	Deposits		Amount written	In force, Dec. 31
1901...	(NA)	4	(2)	*1	(NA)
1910...	(NA)	13	(2)	2	15
1920...	(NA)	53	1	12	45
1930...	105	80	3	18	124
1940...	137	123	8	49	211
1950...	400	376	43	149	707
1960...	736	773	202	594	2,556
1961...	843	769	228	(NA)	(NA)

* Refers to 1903.

NA Not available.

¹Years ending June 30.

²Less than \$500,000.

Source: Hawaii Department of Treasury and Regulation, annual reports.

BANKING, FINANCE, AND BUSINESS ENTERPRISE

Table 2.--ASSETS AND LIABILITIES OF BANKS AND SAVINGS AND LOAN ASSOCIATIONS:
DECEMBER 31, 1961

Items	Millions of dollars
ALL BANKS ¹	
Assets or liabilities	888
Selected assets:	
Loans and discounts, including overdrafts	421
U. S. Government and other securities	282
Cash and balances with other banks	159
Selected liabilities:	
Capital, surplus, undivided profits and reserves.....	68
Deposits, total	806
Demand	288
Time	267
SAVINGS AND LOAN ASSOCIATIONS ²	
Assets or liabilities	243
Selected assets:	
Mortgage loans	209
Share loans	6
U.S. Government and other securities	13
Cash on hand and in banks	12
Selected liabilities:	
Withdrawable shares.....	205
Borrowed money.....	12
Reserves, surplus and undivided profits.....	19

¹Includes 7 banks and 95 bank branches and facilities. Does not include non-deposit trust companies.

²For 13 associations, including one federal association.

Source: Hawaii State Department of Treasury and Regulation, annual reports.

BANKING, FINANCE, AND BUSINESS ENTERPRISE

Table 3.--BANK CLEARINGS: 1958 TO 1961

Year	Millions of dollars
1958.....	3,737
1959.....	4,288
1960.....	4,960
1961.....	5,657

Source of tables 2 and 3: Hawaii Department of Treasury and Regulation, Bank Examination Division annual reports.

Table 4.--SALES EFFECTED ON HONOLULU SECURITIES EXCHANGE: 1960

Subject	Thousands
Total market value, total....	11,654
Stocks	11,375
Bonds	33
Rights and warrants	246
Stocks: number of shares....	510
Bonds: principal amount....	36
Rights and warrants: units..	35

Source: Securities and Exchange Commission data, cited in Statistical Abstract of the United States: 1961, p. 460.

Table 5.--INSURANCE BUSINESS TRANSACTED IN HAWAII: 1951, 1959 AND 1960

Calendar year	Life insurance (excluding annuities)					Other insurance	
	Com-panies	Insurance written (\$1,000)	In force, Dec. 31 (\$1,000)	Premiums received (\$1,000)	Losses paid (\$1,000)	Direct premiums written (\$1,000)	Direct losses paid (\$1,000)
1951...	45	152,353	801,460	20,891	4,265	18,745	6,312
1959...	108	479,726	2,232,582	41,683	14,254	38,427	18,232
1960...	116	594,203	2,555,929	45,607	16,677	45,248	21,612

Table 6.--INSURANCE PREMIUMS AND LOSSES PAID, BY CLASS OF INSURANCE: 1960

(In thousands of dollars)

Subject	Total	Life, exc. annuities	Accident and health	Fire	Workmen's compensation	Auto-mobile	All others
Premiums	91,387	45,607	7,720	4,798	6,797	15,909	10,556
Losses paid	38,354	16,677	4,755	2,399	3,046	8,313	3,164

BANKING, FINANCE, AND BUSINESS ENTERPRISE

Table 7.--LIFE INSURANCE IN FORCE,
BY TYPE: DECEMBER 31, 1960

Type of life insurance	Policies	Amount (\$1,000)
All types..	362,790	2,555,929
Ordinary.....	356,642	1,788,668
Group.....	981	765,914
Industrial.....	5,167	1,347

Source of tables 5 to 7: Report of the Insurance Commissioner of Hawaii, 1961, For the Year 1960, pp. 7, 37, 38, and 74.

Table 9.--COVERAGE BY MEDICAL CARE
INSURANCE: DECEMBER 31, 1959

Type of insurance	Thousands of persons
Hospital	279
Surgical	273
Medical.....	249

Source: Data from The Health Insurance Council, cited in Statistical Abstract of the United States: 1961, p. 473.

Table 8.--GENERAL EXCISE, CONSUMPTION
AND COMPENSATING TAX BASE, BY
ACTIVITY: 1961

(Amount reported during calendar year, regardless of date earned. In thousands of dollars.)

Activity	Amount
All activities.....	2,522,318
Retailing	859,563
Services.....	203,354
Contracting	267,340
Theater, amusement, radio...	21,911
Interest.....	19,900
Commissions.....	41,776
Rentals (incl. hotels).....	171,162
Consumption.....	49,850
Sugar processing.....	118,398
Pineapple canning.....	93,777
Other manufacturing	168,514
Airlines	14,786
Insurance solicitors	5,861
Producing (agriculture).....	53,126
Blind vendors.....	546
Wholesaling.....	359,725
Intermediary services.....	13,200
Compensating.....	34,398
All others.....	25,133

Source: Hawaii Department of Taxation, release dated January 25, 1962.

BANKING, FINANCE, AND BUSINESS ENTERPRISE

Table 10.--DOMESTIC AND FOREIGN CORPORATIONS, AND PARTNERSHIPS: 1960

Subject	Number
DOMESTIC PROFIT CORPORATIONS	
Corporations formed	977
Dissolved or merged	183
Number on record	4,139
FOREIGN CORPORATIONS	
Number qualified	131
Withdrew or merged	20
Number on record	640
PARTNERSHIPS	
Number registered.....	464
General	430
Limited	34
Number dissolved	314
General	308
Limited	6
Number on record	2,153
General.....	1,983
Limited	164
Special ¹	6

¹Hawaii adopted the Uniform Limited Partnership Act in 1943. Special partnerships no longer can be formed but the ones on file continue in existence until dissolved.

Source: Hawaii State Department of Treasury and Regulation; Annual Report, fiscal year ended June 30, 1960.

Table 11.--REPORTING UNITS UNDER SOCIAL SECURITY ACT, EMPLOYMENT, AND TAXABLE PAYROLLS: FIRST QUARTER 1959

(Based on reports of commercial and industrial employers under old-age and survivors insurance provisions of the Social Security Act. A reporting unit is, generally, a single establishment or groups of similar establishments of an employer. Excludes self-employed and railroads)

Subject	Number
Employees, mid-March	117,086
Taxable payrolls, Jan.-March (\$1,000).....	106,221
Total reporting units	9,406
0 to 3 employees	4,975
4 to 7 employees	1,823
8 to 19 employees	1,564
20 to 49 employees	672
50 to 99 employees	194
100 or more employees.....	178

Source: U.S. Bureau of the Census and U.S. Bureau of Old Age and Survivors Insurance, cooperative report; County Business Patterns, First Quarter, 1959, Part 10, Pacific States.

Section 16
Communications and Power

This section presents statistics relating to postal service, telephone, radio television, newspapers and other periodicals, public utilities, power and energy. Much of this information was obtained from reports and records of the U. S. Post Office Department, Federal Power Commission, Hawaii Public Utilities Commission, Chamber of Commerce of Honolulu, and individual public utilities. Similar data for the nation can be found in sections 18 and 19 of the Statistical Abstract of the United States: 1961.

Table 1.--STATISTICAL SUMMARY FOR COMMUNICATIONS AND POWER, FOR OAHU: 1901 TO 1961

Year	Tele- phones, Dec. 31	Commercial broadcast stations, July 1		Daily newspaper circulation, Oct. 1 ¹	Electric power ²	
		Radio	Tele- vision		Amount generated (M KWH)	Ave. ann. resid. use (KWH)
1901....	(NA)	-	-	(NA)	1,690	(NA)
1910....	2,657	-	-	*7,472	3,926	(NA)
1920....	10,761	-	-	14,302	20,121	301
1930....	19,169	2	-	32,926	92,915	568
1940....	31,799	2	-	60,157	232,751	1,244
1950....	79,968	6	-	123,534	575,649	2,688
1960....	171,793	12	3	166,003	1,468,461	4,920
1961....	183,901	14	3	171,898	1,626,950	5,085

* Total for 1912.

NA Not available.

¹English language dailies only (Honolulu Advertiser and Honolulu Star-Bulletin).

²Hawaiian Electric Co., Ltd. Amount generated in gross, 1901 and 1910, and net, including amounts purchased, for 1920-1961.

Source: Hawaiian Telephone Co., records; Honolulu Advertiser and Honolulu Star-Bulletin, records; Hawaiian Electric Co., Ltd., records; Chamber of Commerce of Honolulu, Hawaii Facts and Figures, 1949, p. 40, and Advertising Media of Hawaii (1957), pp. 14-15; Honolulu Star-Bulletin, July 3, 1960 and July 2, 1961, radio-television section.

COMMUNICATIONS AND POWER

Table 2.--COMMERCIAL RADIO AND TELEVISION STATIONS, BY ISLAND: 1961

Type of station	The State	Oahu	Other islands
Radio.....	19	14	5
AM.....	18	13	5
FM.....	1	1	-
Television..	15	3	12
Master....	3	3	-
Satellite.	12	-	12

Table 3.--NEWSPAPERS AND OTHER PERIODICALS, BY PLACE OF PUBLICATION: 1961

Kind of periodicals	The State	Oahu	Other islands
Newspapers....	26	23	3
Daily	7	6	1
Other	19	17	2
Magazines	14	14	-
Guides.....	11	10	1
Directories...	13	13	-

Table 4.--PAID CIRCULATION OF DAILY NEWSPAPERS: 1961

Place of publication and language	Number	Daily circulation ¹
All dailies..	7	219,191
Honolulu.....	6	209,332
Chinese.....	2	16,300
English.....	2	170,110
Japanese	2	22,922
Hilo: English....	1	9,859

¹All three English-language dailies also publish Sunday editions; their combined circulation was 202,700.

Table 5.--ADVERTISING AGENCIES AND RELATED ORGANIZATIONS: 1961

Kind of organization	Number
Advertising agencies and public relations firms.....	24
Direct mail agencies	11
Advertising services	4
Organizations allied with media business	9
Press bureaus	2

Source of tables 2 to 5: Chamber of Commerce of Honolulu, Advertising in Hawaii: A Directory of Advertising Media and Market Information (1961).

COMMUNICATIONS AND POWER

Table 6.--POST OFFICES AND GROSS POSTAL RECEIPTS: 1913 TO 1960

Year	Post offices, June 30	Gross postal receipts (\$1,000)
1913	93	(NA)
1920	91	352
1930	93	774
1940	94	1,480
1950	97	3,955
1957	99	6,018
1960	83	(NA)

NA not available

Source: Annual Report of the Postmaster General for 1913 (p. 129) and 1920 (p. 195); Statistical Abstract of the United States for 1931 (p. 374), 1941 (p. 94), 1952 (p. 475), 1958 (p. 513), and 1961 (p. 507).

Table 7.--TELEPHONE STATISTICS: 1961

Subject	Number
Telephones, Dec. 31.....	221,599
Oahu.....	183,901
Hawaii.....	17,491
Maui.....	10,793
Kauai	8,324
Molokai	1,072
Lanai.....	518
Residence telephones.....	155,008
Business telephones.....	66,591
Calls completed, total ¹	423,844
Transpacific ¹	569
Interisland ¹	546
Intraisland ¹	422,729
Revenues from services sold (\$1,000).....	28,394
Employees, Dec. 31	1,971
Payroll (\$1,000)	11,462

¹In thousands.

Source: Hawaiian Telephone Co., 1961 Annual Report.

Table 8.--GROSS REVENUES AND NET INCOMES OF SELECTED PUBLIC UTILITIES: JULY 1, 1959 TO JUNE 30, 1960

Utility	Gross revenue (\$1,000)	Net income (\$1,000)
Telephone...	24,939	4,835
Gas.....	5,009	556
Electric....	39,410	7,278

Source: Hawaii Public Utilities Commission, 1960 Annual Report to the Governor.

Table 9.--GAS UTILITY STATISTICS: 1961

Subject	Number
Customers served.....	62,948
Gas sales (1,000 therms).....	20,832
Operating revenues (\$1,000) ..	7,195
Employees.....	422

Source: Honolulu Gas Co., Ltd., annual report.

COMMUNICATIONS AND POWER

Table 10.--CUSTOMERS, SALES AND REVENUE FOR THE ELECTRIC LIGHT AND POWER INDUSTRY:
1959

(For companies with annual electric revenues in excess of \$250,000, representing approximately 98 percent of the privately owned industry in Hawaii.)

Category	Number of customers	Kilowatt-hour sales (thousands)	Revenues from sales of energy (\$1,000)
All categories.....	146,185	1,404,969	34,544
Residential or domestic....	122,635	510,383	15,383
Commercial and industrial..	22,990	873,472	18,642
Others.....	560	21,114	519

Table 11.--STATISTICS FOR ELECTRIC GENERATING STATIONS: 1959

(See headnote for table 10)

Type of station	Generating stations		Total generation (1,000 kwh)
	Number	(kw)	
All types.....	10	442,350	1,468,822
Steam	5	429,975	1,444,959
Hydraulic	2	3,400	23,501
Internal combustion	3	8,975	362

Source of tables 10 and 11: Federal Power Commission, Statistics of Electric Utilities in the United States, 1959, Privately Owned.

Section 17 Transportation

This section presents statistics relating to public roads, motor vehicles, local public transit, railroads, civil aviation, and water traffic. A major source for these series is the Hawaii Department of Transportation and its Airports, Harbors, and Airports Divisions (formerly separate entities). Other sources include the U. S. Bureau of Public Roads, Civil Aeronautics Board, Federal Aviation Agency, Interstate Commerce Commission, Hawaii Public Utilities Commission, and individual transportation companies. Research personnel of the State Department of Transportation may be able to provide more detailed statistics than appear in this section. Similar statistics for other areas are reported in Sections 20, 21 and 22 of the Statistical Abstract of the United States: 1961.

Table 1.--SUMMARY OF TRANSPORTATION STATISTICS: 1900 TO 1961

Year	Motor vehicles registered ¹	Honolulu Rapid Transit revenue passengers (thousands)	Inter-island passengers		Overseas vessels, Honolulu Harbor	
			Surface	Air	Number arriving	Gross tons (thousands)
1900	--	--	(NA)	--	(NA)	(NA)
1910	*2,235	8,980	62,236	--	(NA)	(NA)
1920	10,300	16,927	95,237	--	839	4,530
1930	48,713	14,505	137,399	13,043	903	7,607
1940	74,219	23,391	158,328	28,842	872	7,436
1950	140,591	41,787	--	438,938	861	7,281
1960	235,330	29,084	--	955,610	1,411	12,305
1961	249,416	26,117	--	(NA)	1,518	12,699

*As of 1913.

NA Not available.

¹Taxable and non-taxable. Neighbor island data for 1920 estimated by Department of Planning and Research.

Source: Hawaiian Almanac and Annual for 1914 (p. 219), 1921 (p. 23), 1931 (p. 19), and 1942 (p. 295); Honolulu Automobile Club, records; Honolulu Rapid Transit Co., records; John Child and Co., Market for Inter-Island Surface Transportation Services (1957), App. Tables 3 and 5; Hawaii Aeronautics Commission, records; Hawaii Board of Harbor Commissioners, annual reports.

TRANSPORTATION

Table 2.--MILEAGE OF FEDERAL-AID HIGHWAY SYSTEMS, LOCAL ROADS, AND STREETS, BY ISLAND: DECEMBER 31, 1960

Island	Total mileage	Federal-aid highways				Local roads and streets	National Park
		Total	Primary	Secondary	Off-system		
The State...	3,093	1,090	496	594	2	1,934	67
Hawaii.....	1,232	415	214	201	-	750	67
Maui	463	237	62	175	-	226	-
Lanai	49	30	-	30	-	19	-
Molokai	81	61	22	38	-	20	-
Oahu	980	235	139	96	2	743	-
Kauai.....	288	112	59	54	-	176	-

Source: Hawaii Department of Transportation, Division of Highways, Annual Traffic Summary for each county for 1960.

Table 3.--FEDERAL-AID HIGHWAY PROJECTS: JUNE 30, 1960

Subject	Total cash ¹	Federal funds ¹	Miles
Completed during fiscal year	28.9	21.7	424
Under construction	41.3	33.7	253
Plans approved, not under construction.....	7.7	5.9	63

¹Millions of dollars

Source: U. S. Bureau of Public Roads data, cited in Statistical Abstract of the United States: 1961, p. 549.

TRANSPORTATION

Table 4.--MOTOR VEHICLE REGISTRATION, BY ISLANDS: 1961

(As of December 31. Includes both taxable and non-taxable vehicles, but excludes military vehicles used strictly for government work and vehicles used solely for agricultural purposes)

Island	All vehicles	Type of vehicle				Taxability	
		Pass. cars	Trucks	Motor-cycles	Other vehicles ¹	Taxable	Not taxable
The State...	249,416	212,609	29,971	4,079	2,757	245,098	4,318
Hawaii.....	23,778	18,400	4,862	122	394	23,355	423
Maui.....	16,263	12,948	2,845	193	277	15,967	296
Lanai.....	620	521	82	3	14	615	5
Molokai.....	1,617	1,173	396	9	39	1,579	38
Oahu.....	194,585	169,738	19,422	3,573	1,852	191,244	3,341
Kauai.....	12,553	9,829	2,364	179	181	12,338	215

¹Tow cars, truck tractors, tractors, or tow trucks (1,277), busses (653), patrols, ambulances or hearses (73), cranes, hi-lifts, or miscellaneous (268), and new car dealers (486).

Source: Compiled from County Treasurers by Honolulu Automobile Club (February 1, 1962).

Table 5.--REGISTERED MOTOR VEHICLES, FUEL CONSUMPTION FOR HIGHWAY PURPOSES, AND VEHICLE MILES OF TRAVEL, 1932 TO 1960, AND BY COUNTIES, 1960

Year and county	Motor vehicle registrations	Civ. population per vehicle	Fuel consumption ¹		Vehicle miles traveled ²	
			Total (thousands)	Per vehicle	Total (millions)	Per vehicle
1932	48,717	(³)	23,785	488	333.0	6,835
1939	65,629	(³)	45,935	700	643.1	9,799
1946	81,700	5.75	60,966	746	853.5	10,447
1953	166,473	2.81	106,144	638	1,486.0	8,926
1960	230,791	2.58	142,117	616	1,989.6	8,621
Hawaii Co.	23,185	2.62	14,304	617	200.2	8,637
Honolulu Co. ..	178,388	2.59	109,913	616	1,538.8	8,626
Kauai Co.	11,931	2.39	7,213	605	101.0	8,464
Maui Co.	17,287	2.53	10,687	618	149.6	8,655

¹For highway purposes (gasoline, Diesel oil, and butane gas), in gallons.

²Based on 14 miles per gallon of fuel.

³Not available; persons per vehicle numbered 8.37 in 1930 and 5.90 in 1940.

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Table 6.--STATE AND COUNTY MOTOR FUEL TAX RATES AND REVENUES BY COUNTIES: 1960

Subject	The State	Hawaii Co.	Honolulu Co.	Kauai Co.	Maui Co.
Tax rates (cents): ¹					
State tax.....	...	8.0	5.0	5.0	5.0
County tax.....	...	3.0	3.5	4.0	5.0
Revenues (\$1,000):					
State tax.....	7,387	769	5,653	382	583
County tax.....	5,099	429	3,847	288	534

¹Per gallon of gasoline and butane and Diesel oil for highway use. From Hawaii Department of Taxation.

Source of tables 5 and 6: Hawaii Department of Transportation, Division of Highways, Annual Traffic Summary, Island of Oahu, 1960 (Publication No. HP 61-1, May 1961).

Table 7.--PUBLIC TRANSPORTATION FINANCES: 1950, 1959, AND 1960

Carrier	Gross revenue (\$1,000)			Expense and cost, 1960	Net income, 1960
	1950	1959	1960		
Honolulu Rapid Transit Co.	3,985	4,748	4,619	4,515	104
Other motor vehicle carriers...	244	859	963	897	66
Railroads.....	2,178	6,951	8,256	7,607	649
Air carriers (inter-isl.).....	4,555	11,599	15,182	15,467	-285

Source: Hawaii Public Utilities Commission, 1960 Annual Report to the Governor.

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Table 8.--RAILROAD MILEAGE OWNED:
1910 TO 1959

Year	Miles
1910.....	175
1920.....	243
1930.....	232
1940.....	192
1950.....	25
1959.....	25

Table 9. --AIRCRAFT OPERATIONS FOR HONOLULU INTERNATIONAL AIRPORT: JULY 1, 1959 TO JUNE 30, 1960

Type of operation	Number
All operations.....	266,254
Air carrier.....	87,985
General aviation.....	42,264
Military aircraft.....	136,005

Source: Interstate Commerce Commission data, cited in Statistical Abstract of the United States for 1933 (p. 342) and 1961 (p. 568).

Table 10.--AIR PASSENGERS, AIR CARGO, AND AIRMAIL: JULY 1, 1959 TO JUNE 30, 1960

Subject	Honolulu International Airport						All airports: inter-island
	Total		Inter-island		Overseas		
	Out-going	In-coming	Out-going	In-coming	Out-going	In-coming	
Revenue passengers	765,106	770,156	404,179	407,762	360,927	362,394	922,835
Revenue cargo ¹	25,344	19,838	15,446	7,745	9,898	12,092	25,333
Revenue mail ¹	8,476	9,215	520	513	7,955	8,702	1,036

¹In thousands of pounds.

Source of tables 9 and 10: Hawaii Aeronautics Commission, Annual Report for 1960.

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Table 11.--MISCELLANEOUS STATISTICS
ON AVIATION: DECEMBER 31, 1959

Subject	Number
Airports	35
General	10
Limited	16
Restricted	9
Active civil aircraft.....	109
Air carrier.....	22
General aviation	87
Active pilots.....	679
Private.....	183
Commercial.....	190
Airline transport	116
Student.....	185
Other	5
FAA-approved schools	4

Source: Federal Aviation Agency, FAA Statistical Handbook of Aviation, 1960.

Table 13.--CARGO TONS: JULY 1, 1960
TO JUNE 30, 1961

Category	All ¹ ports (thousands)	Port of Honolulu (thousands)
Overseas ..	7,326	5,458
In	4,830	4,168
Out	2,496	1,290
Inter-isl..	2,344	1,146
In	1,170	712
Out.....	1,173	435

¹Includes Honolulu, Hilo, Kawaihae, Kailua-Kona, Kahului, Hana, Port Allen, Nawiliwili, Kaunakakai, Kalau-papa, and Kaunapapa.

Table 12.--AVERAGE SPEED OR SCHEDULED
FLYING TIME, FOR SELECTED AIR
ROUTES: 1949 TO 1961

Year	Honolulu to -- ¹		Between Hawaii and Calif. ² (m.p.h.)
	Lihue (min.)	Hilo (min.)	
1949	(NA)	(NA)	268.4
1952	45	95	253.0
1955	45	95	284.4
1958	45	95	287.1
1959	34	65	283.7
1960	34	65	443.5
1961	34	65	528.1

¹Scheduled time by Aloha Airlines, as of July 1.
²Actual average for United Air Lines.
Source: Aloha Airlines, records; U. S. Civil Aeronautics Board, records.

Table 14.--OVERSEAS VESSELS AND PASSENGERS AND INTER-ISLAND VESSELS, FOR HONOLULU: JULY 1, 1960 TO JUNE 30, 1961

Subject	Number
Overseas vessels	1,518
American flag	1,110
Foreign flag	408
Net tons (thousands)	7,498
Gross tons (thousands).....	12,699
Overseas passengers:	
In	35,700
Out	32,402
Inter-island vessels	2,460
Gross tons (thousands).....	1,143

Source of tables 13 and 14: Annual Report of the Board of Harbor Commissioners of the State of Hawaii...1961.

Section 18
Agriculture

This section presents statistics concerning agricultural land development, irrigation, farms, and specific crops, livestock, dairy products and poultry. Important sources for data on these subjects include the United States Census of Agriculture for 1959 and earlier years, the Hawaii Department of Agriculture's annual Statistics of Hawaiian Agriculture (formerly issued by the University of Hawaii), and various publications of the Hawaii Agricultural Experiment Station of the University of Hawaii, the Hawaiian Sugar Planters' Association, and the Pineapple Companies of Hawaii. Personnel of these agencies may have additional information. National statistics appear in Sections 23, 24, and 25 of the Statistical Abstract of the United States: 1961.

Table 1.-- AGRICULTURAL STATISTICS: 1900 TO 1959

Subject	1959	1950	1940	1930	1920	1900
Number of farms.....	6,242	5,750	4,995	5,955	5,284	2,273
Under 10 acres.....	3,569	3,558	2,870	3,407	2,734	1,209
10 to 259 acres.....	2,420	2,008	1,954	2,373	2,333	886
260 or more acres.....	253	184	171	175	217	178
Farm acreage ¹	2,461	2,432	2,486	2,815	2,702	2,610
In farms of 260 or more acres ¹	2,364	2,350	2,411	2,727	(NA)	2,568
Cropland harvested ¹	176	159	185	(NA)	(NA)	(NA)
Quantity harvested:						
Coffee (tons).....	5,003	2,324	4,273	9,975	9,942	(NA)
Macadamia nuts (lb.) ¹ ..	2,015	704	181	5	(NA)	(NA)
Pineapples (tons) ¹	1,010	655	614	355	150	(NA)
Rice (10,000 lbs.).....	29	66	190	758	2,957	3,344
Sugarcane (tons) ¹	9,391	7,889	8,535	7,471	4,863	2,239
Animals on farms:						
Cattle and calves ¹	205	156	139	138	137	103
Hogs and pigs ¹	78	65	32	31	24	8
Sheep and lambs ¹	12	14	26	32	43	102
Chickens over 4 mo. ¹ ...	806	472	273	271	65	32

NA Not available

¹In thousands.

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Table 2.-- SIZE OF FARMS: 1959

	Farms		Land in farms	
	Number	Percent distribution	Acres	Percent distribution
Total.....	6,242	100.0	2,461,454	100.0
Under 10 acres.....	3,569	57.2	13,234	0.5
10 to 49 acres.....	1,988	31.8	40,761	1.7
50 to 69 acres.....	143	2.3	8,171	0.3
70 to 99 acres.....	119	1.9	9,520	0.4
100 to 139 acres.....	73	1.2	7,962	0.3
140 to 179 acres.....	50	0.8	7,831	0.3
180 to 219 acres.....	28	0.4	5,562	0.2
220 to 259 acres.....	19	0.3	4,501	0.2
260 to 499 acres.....	108	1.7	34,264	1.4
500 to 999 acres.....	34	0.5	22,851	0.9
1,000 acres and over.....	111	1.8	2,306,797	93.7

Table 3.-- ECONOMIC CLASS OF FARMS: 1959

Subject	Farms
All farms.....	6,242
Commercial farms by value of farm products sold:	
\$50 to \$2,499.....	455
\$2,500 to \$4,999.....	830
\$5,000 to \$9,999.....	700
\$10,000 to \$19,999.....	482
\$20,000 to \$39,999.....	204
\$40,000 and over.....	244
Other farms:	
Part-time.....	2,748
Part-retirement.....	558
Abnormal.....	21

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Table 4.-- NUMBER AND ACREAGE OF FARMS, BY TENURE OF OPERATOR: 1959

Tenure of operator	Number of farms	Thousands of acres
Total.....	6,242	2,461
Full owners.....	2,398	81
Part owners.....	1,315	750
Managers.....	114	1,590
Tenants.....	2,415	40

Table 5.-- PERSONS WORKING ON FARMS AND CASH WAGES PAID FOR HIRED LABOR: 1959

Subject	Number of farms	Amount
Persons working on farms.	5,340	25,896
Working operators.....	5,045	5,045
Unpaid family workers..	2,831	4,418
Hired workers.....	1,006	16,433
Cash wages paid (\$1,000).	1,926	54,116

Table 6.-- IRRIGATED FARMS: 1959

Subject	Number
Farms (irrigated and nonirrigated).....number.....	6,242
Irrigated farms.....number.....	1,251
Land in farms (irrigated and nonirrigated).....acres.....	2,461,454
Land in irrigated farms.....acres.....	*958,898
Land in irrigated farms according to use:	
Cropland harvested.....acres.....	109,101
Cropland used only for pasture.....acres.....	70,052
Cropland not harvested and not pastured.....acres.....	94,354
Other pasture (not cropland and not woodland)...acres.....	381,200
Woodland.....acres.....	156,657
Land irrigated in Census year.....acres.....	141,179
Cropland harvested.....acres.....	72,703
Other irrigated land.....acres.....	68,476
Land irrigated, by source of water:	
Ground water sources on farm.....acres.....	26,086
Irrigation organization sources.....acres.....	28,144
Both farm ground water and surface sources.....acres.....	86,949
Both irrigation organization and farm ground water or farm surface sources.....acres.....	14,909

*Includes 288,845 acres in Hawaii County; 137,842 acres in City and County of Honolulu (Oahu); 208,184 acres in Kauai County; and 324,027 acres in Maui County.

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Table 7.-- FARMLAND, BY USE, FOR COUNTIES: 1959

(State totals in thousands of acres. Counties in acres.)

	The State	Hawaii Co.	Honolulu Co.	Kauai Co.	Maui Co.	Kalawao Co.
Land in farms.....	2,461	1,447,194	166,824	282,554	556,748	8,134
Cropland, total.....	500	194,223	70,301	61,973	173,005	2
Harvested.....	176	60,706	35,497	29,907	50,298	2
Used for pasture ¹	167	73,666	6,457	5,385	81,831	-
Not harvested and not pastured.....	156	59,851	28,347	26,681	40,876	-
Other than cropland, total.....	1,962	1,252,971	96,523	220,581	383,743	8,132
Woodland pastured.....	115	90,514	18,233	1,720	4,770	-
Other pasture land.....	917	576,342	14,059	115,439	203,531	8,018
Other land.....	635	449,082	28,845	58,921	97,881	114

Table 8.-- VALUE OF FARM PRODUCTS SOLD: 1949 AND 1959

(In thousands of dollars)

	The State ¹		Counties			
	1949	1959	Hawaii	Honolulu	Kauai	Maui
All farm products sold.....	164,554	152,334	46,999	44,660	19,354	41,305
Field crops ²	136,994	109,804	32,821	23,149	17,008	36,825
Vegetables.....	2,675	3,194	736	1,486	173	799
Fruits and nuts.....	2,189	5,015	4,005	887	59	64
Horticultural specialties.....	1,382	2,214	931	1,118	43	122
Dairy products.....	5,892	9,672	506	8,192	378	595
Poultry and poultry products.....	3,841	7,185	1,447	4,552	722	463
Livestock and livestock products..	11,581	15,250	6,553	5,275	970	2,438

¹Including Kalawao County, not shown separately.

²Other than vegetables and fruits and nuts.

³Other than dairy and poultry.

Source of tables 1 to 8: U.S. Bureau of the Census, U.S. Census of Agriculture: 1959, Counties, Hawaii.

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Table 9.-- ACREAGE, PRODUCTION, AND MARKETINGS OF VEGETABLES,
FRUITS, AND MELONS: 1960

Crop	Acres harvested	Production (1,000 lb.)	Value (\$1,000)
Vegetables and melons.....	3,445	48,180	4,593
Beans.....	139	1,580	309
Broccoli.....	38	345	58
Burdock.....	40	520	95
Cabbage, head.....	449	8,495	325
Cabbage, Chinese.....	194	2,845	246
Cabbage, mustard.....	85	1,300	115
Carrots.....	40	505	33
Cauliflower.....	31	350	31
Celery.....	41	1,775	145
Corn, green.....	307	1,140	93
Cucumbers.....	218	3,340	347
Daikon.....	304	3,565	175
Dasheens.....	16	340	64
Eggplant.....	35	780	82
Ginger root.....	32	905	178
Lettuce.....	281	3,450	336
Lotus root.....	66	200	42
Onions, dry.....	117	1,810	109
Onions, green.....	55	845	125
Peppers, sweet.....	64	915	142
Potatoes.....	66	455	35
Pumpkins.....	19	250	19
Squash, Italian.....	10	160	18
Sweet potatoes.....	119	1,360	123
Tomatoes.....	305	5,170	705
Watercress.....	30	3,020	387
Cantaloups.....	6	60	9
Watermelons.....	338	2,700	247
Fruits.....	2,142	20,910	1,369
Avocados.....	199	950	66
Bananas.....	1,121	6,890	471
Oranges.....	30	415	25
Papayas.....	756	12,025	743
Tangerines.....	36	630	64
Miscellaneous.....	10,297	25,542	4,602
Coffee ⁴	6,188	12,999	3,488
Macadamia ⁵	3,515	2,616	480
Rice ⁶	68	221	40
Taro.....	526	9,706	594

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Table 10.-- WHOLESale PRICE PER POUND FOR ISLAND VEGETABLES AND FRUITS
IN HONOLULU: ANNUAL AVERAGE, 1960

Commodity	Cents	Commodity	Cents
Beans, snap ¹	26.7	Onions, dry ¹	8.3
Broccoli ¹	22.4	Onion, green, bunched.....	18.4
Burdock.....	24.5	Peas, small Chinese.....	81.4
Cabbage, head.....	6.3	Peppers, sweet ¹	20.5
Cabbage, Chinese.....	13.3	Pumpkins.....	10.9
Cabbage, mustard (Kai Choi)...	11.6	Squash, Italian ¹	16.4
Cabbage, mustard (Pak Choi)...	10.1	Sweet potatoes, reds ¹	13.0
Carrots, topped ¹	8.7	Sweet potatoes, baker varieties ¹	13.0
Cauliflower ¹	13.9	Tomatoes, loose ¹	20.2
Celery ¹	11.7	Tomatoes, loose ²	16.5
Corn, green ¹	11.0	Watercress.....	16.0
Cucumbers ¹	16.6	Yam bean root.....	15.2
Daikon, bunched.....	7.8	Cantaloups.....	17.5
Dasheens.....	25.3	Watermelons.....	15.0
Eggplant, long.....	14.9	Avacados ¹	10.3
Eggplant, round.....	10.0	Bananas, Bluefield.....	10.3
Ginger root.....	24.4	Bananas, apple (Brazilian).....	7.9
Lettuce, iceberg type ¹	13.9	Bananas, Chinese (cavandish)....	7.8
Lettuce, semi-head ¹	13.3	Papayas ¹	9.3
Lotus root.....	29.4	Tangerines.....	15.4

¹Hawaii No. 1.

²Hawaii No. 2.

Table 11.-- AGRICULTURAL LAND UTILIZATION FOR DIVERSIFIED CROPS: 1960

Crop	Acreage
Total.....	15,884
Vegetables and melons.....	3,445
Fruits.....	2,142
Coffee.....	6,188
Macadamia nuts.....	3,515
Rice.....	68
Taro.....	526

AGRICULTURE

Table 12.-- PRODUCTION, MARKETINGS AND VALUE OF MARKETINGS OF LIVESTOCK ON FARMS, FOR ISLANDS: 1960

Subject	The State	Hawaii	Oahu	Kauai and Niihau	Maui	Molokai
Beef cattle.....number	168,600	101,500	9,800	14,800 ²	36,000	6,500
Slaughter.....number	42,720	22,680	7,220	4,100	7,680	1,040
Dressed weight.....1,000#	22,764	12,202	3,864	2,214	3,978	506
Value of marketings....\$1,000	9,342	4,795	1,707	919	1,718	203
Dairy milk cows.....number	13,080	960	10,800	560		760
Slaughter.....number	3,420	360	3,420	120		160
Dressed weight.....1,000#	1,972	195	1,623	66		88
Value of marketings....\$1,000	589	62	477	22		28
Milk, quarts.....1,000	54,014	2,837	46,754	1,982	2,441	
Value of marketings....\$1,000	10,364	524	8,630	523		687
Hogs and pigs.....number	54,920	3,890	45,930	2,540	2,130	*430
Slaughter ¹.....number	70,060	6,590	55,730	2,880	4,460	400
Live weight.....1,000#	11,644	1,075	9,405	424	676	64
Value of marketings....\$1,000	3,687	364	2,891	176	233	23
Chickens.....1,000	1,189	171	824	122	71	2
Meat birds marketed.....1,000	1,423	172	1,056	120	72	3
Live weight.....1,000#	5,647	620	4,186	498	327	16
Value of marketings....\$1,000	2,015	246	1,440	191	130	8
Eggs marketed, dozen.....1,000	10,700	1,828	6,909	1,173	778	12
Value of marketings....\$1,000	6,433	1,061	4,169	700	494	9

*Includes Lanai.

¹Slaughter hogs imported from the mainland are not included.

Source of tables 9 to 12: University of Hawaii, Hawaii Cooperative Extension Service, Statistics of Hawaiian Agriculture, 1960.

Table 13.-- LAND ACREAGE USED FOR SUGAR OR PINEAPPLE, BY ISLAND: 1960

Crop	The State	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
Sugar.....	287,400	134,800	53,700	--	--	40,100	58,800
Pineapple.....	96,500	--	19,300	16,100	13,500	35,900	11,700

Source: University of Hawaii, Land Study Bureau, Land Use on the Six Major Islands of Hawaii, 1960 (L. S. B. Report No. 3, November 1960).

AGRICULTURE

Table 14.-- SOIL CONSERVATION DISTRICTS:
CUMULATIVE TO JUNE 6, 1957

(The Hawaii Soil Conservation Districts Law was enacted by the 1947 Territorial Legislature.)

Subject	Number	Thousands of acres
Districts.....	16	3,370
Farms.....	4,968	2,330

Source: U.S. Department of Agriculture, Soil Conservation Service, Improving Hawaiian Soil Resources (July 1958).

Table 15.-- INCORPORATED AGRICULTURAL COOPERATIVES: JANUARY 1, 1959

Subject	Number
Cooperatives.....	27
Fruits, vegetables.....	9
Livestock, poultry.....	7
Coffee.....	4
Miscellaneous.....	7
Membership.....	2,071
Active.....	1,380
Non-member patrons.....	2,085
Business (\$1,000,000)....	114
Marketing.....	113
Purchasing.....	1

Source: Hawaii Agricultural Experiment Station, University of Hawaii, Agricultural Cooperatives in Hawaii, 1959.

Table 16.-- SUITABILITY OF LAND FOR INTENSIVE AGRICULTURE, FOR THE SIX LARGEST ISLANDS (IN ACRES): 1960

Island	All land	Well suited	Moderately suited	Fair to marginal	Un-suited	Un classified
Six islands.....	4,043,520	125,158	234,529	435,605	3,121,223	127,005
Oahu only.....	386,560	67,816	30,754	29,707	258,283	---

Source: Land Study Bureau, University of Hawaii, Hawaii: Its Major Islands (L. S. B. Circular No. 10, July 1960), p. 4.

Section 19
Forests, Fisheries, and Mining

This section presents data on forests and forest products, commercial fishing, and mining and mineral products. Important sources for statistics regarding these subjects are the United States Census of Agriculture, the United States Census of Mineral Industries, and reports of the Hawaii Department of Land and Natural Resources, particularly its Forestry Division and Fish and Game Division. Requests for detailed information should be directed to these agencies. Comparable mainland statistics are reported in the Statistical Abstract of the United States: 1961, Sections 26, 27 and 28.

Table 1.-- NURSERY, GREEN HOUSE, AND FOREST PRODUCT SALES: 1950 AND 1959

(In thousands of dollars)

Year	Total	Category		County			
		Horticultural specialties	Forest products	Hawaii	Honolulu	Kauai	Maui
1959.....	2,214	2,060	155	931	1,118	43	122
1950.....	1,382	1,334	48	425	910	7	40

Table 2.-- WOODLAND ON FARMS, 1910 TO 1959, AND BY COUNTY, 1959

Year	Acres	County	Acres
1959.....	409,718	Counties, 1959:	
1950.....	703,270	Hawaii.....	227,547
1940.....	580,507	Honolulu.....	53,619
1930.....	747,636	Kalawao.....	-
1920.....	599,531	Kauai.....	46,221
1910.....	596,304	Maui.....	82,331

Source of tables 1 and 2: U.S. Bureau of the Census, U.S. Census of Agriculture: 1959, Counties, Hawaii.

FORESTS, FISHERIES, AND MINING

Table 3.-- STATE DIVISION OF FOREST-
RY STATISTICS: 1961

(Year ending June 30.)

Subject	Number
Forest income.....	\$36,791
Nursery sales and other..	19,131
Federal cooperation.....	17,660
Roads and trails built, re- paired, or cleaned:	
Roads (miles).....	18.7
Trails (miles).....	28.4
Trees planted:	
Number of trees.....	823,431
Norfolk Isl. Pine.....	116,826
Flooded Gum.....	116,017
Tropical Ash.....	262,960
Slash pine.....	83,481
Australia Red Cedar....	173,801
Other species.....	70,346
Acres.....	1,668
Nursery distribution.....	1,171,504
Timber trees.....	1,121,559
Ornamental trees.....	39,685
Fruit trees.....	10,260
Forest fires:	
Number.....	35
Acres burned.....	26,840

Table 4.-- FOREST RESERVE AREA:
JUNE 30, 1961

Island and ownership	Acres
Total area.....	1,196,038
Ownership:	
State of Hawaii.....	817,197
Hawaiian Homes.....	16,383
City and County.....	3,034
Federal.....	10,722
Private.....	348,701
Island:	
Hawaii.....	698,521
Maui.....	158,766
Lanai.....	6,150
Molokai.....	46,445
Oahu.....	123,028
Kauai.....	163,128

Table 5.-- COMMERCIAL FISHING LICENSES:
JULY 1, 1960 TO JUNE 30, 1961

Subject	Number
All licenses.....	1,496
Commercial fishing (resident).....	941
Power boat permit.....	398
Other licenses.....	157
Amount collected.....	\$13,160

FORESTS, FISHERIES, AND MINING

Table 6.-- COMMERCIAL FISH CATCH, FOR HAWAII: JULY 1, 1960 TO MID-JUNE 1961

Species ¹	Pounds	Value
Total catch.....	12,839,036	\$ 2,781,941
Sea catch.....	12,780,922	2,736,056
Aku.....	9,367,739	1,177,736
Bigeye.....	977,372	490,406
Ahi (Yellowfin).....	393,190	166,357
Black Marlin (Makaira ampla).....	310,625	87,771
Akule.....	297,187	203,033
Stripe Marlin.....	249,580	70,195
Opelu.....	206,640	86,109
Mahimahi.....	104,258	47,327
All others ²	874,331	407,122
Pond catch ³	58,114	45,885

¹Separate statistics are given for species over 100,000 pounds or \$40,000.

²Includes 25 species between 10,000 and 100,000 pounds (broadbill, ono, hapuu-puu, kahala, kalekale, opakapaka, uku, ulaula ehu, ulaula koae, ulua, weke-ula, amaama, awa, kala, kumu, moano, moi, oio, pualu, uu, weke, silver marlin, Kona crab, ula, and opihi), 23 species between 1,000 and 10,000 pounds, and 7 species between 100 and 1,000 pounds.

³Chiefly amaama (mullet), 39,129 pounds. Includes 6 species between 1,000 and 10,000 pounds and 4 species between 100 and 1,000 pounds.

Source of tables 3 to 6: Report of the /State of Hawaii/ Department of Agriculture and Conservation, Fiscal Period Ending June 30, 1961.

FORESTS, FISHERIES, AND MINING

Table 7.-- COMMERCIAL FISHING BOATS: 1961

County and principal fishing port	Commercial fishing boats		
	All boats	Under 25 ft.	25 ft. or more
The State.....	532	354	178
Hawaii County: Wailoa River, Hilo.....	152	107	45
Honolulu County: Kewalo Basin and Pier 15, Honolulu).....	276	171	105
Kauai County: Port Allen.....	34	11	23
Maui County: Lahaina, Kaunakakai, and Kaunapau.....	70	65	5

Source: Hawaii Department of Transportation, Commercial Fishing Boat Operation in Hawaii, August 1961.

Table 8.-- MINERAL OPERATIONS: 1909 TO 1958

Subject (see source for detailed discussion of categories and treatment)	Es-tab-lish-ments	Em-ploy-ees	Pay-roll (\$1,000)	Value added in mining (\$1,000)	Value of ship-ments and receipts (\$1,000)
1958.....	24	445	1,820	4,887	6,207
1954.....	13	171	598	1,266	1,778
1919.....	5	151	95	202	251
1909.....	6	43	14	16	21
Industry group, 1958:					
Crushed and broken stone.....	12	326	1,400	3,631	4,605
Sand and gravel.....	4	72	268	823	1,014
Pumice and pumicite.....	6	38	115	329	480
County, 1958:					
Hawaii.....	8	94	320	926	1,240
Honolulu.....	14	315	1,381	3,806	4,722
Maui.....	3	36	119	155	245

Source: U.S. Bureau of the Census, U.S. Census of Mineral Industries: 1958, Hawaii, Area Report MIC58(2)-49.

Section 20 Construction and Housing

This section presents statistics on construction activity and costs, the size and composition of the housing inventory, occupancy of housing, and residential financing. The principal sources of these data are the 1960 United States Census of Housing, the Honolulu Redevelopment Agency's semi-annual Redevelopment and Housing Research, and reports of county building departments. Additional detail is often available from the Hawaii Department of Planning and Research research division, Hawaii Housing Authority, county building departments, and Hawaiian Telephone Company. Mainland statistics appear in Section 29 of the Statistical Abstract of the United States: 1961.

Table 1.--SUMMARY OF HOUSING STATISTICS: 1890 TO 1960

Year	Occupied housing units ¹				Popul. in hsg.units		
	Total	Location		Tenure ²		Number ³	Per unit
		Oahu	Other islands	Owner occ.	Renter occ.		
1890...	12,023	5,036	6,987	(NA)	(NA)	60,703	5.05
1900...	29,763	10,325	19,438	6,321	21,086	110,306	3.71
1910...	52,219	20,377	31,842	6,776	44,900	191,909	3.68
1920...	65,670	28,657	37,013	8,695	56,386	255,912	3.90
1930...	77,070	39,563	37,507	14,624	61,807	368,336	4.78
1940...	86,855	51,554	35,301	22,030	64,825	423,330	4.87
1950...	112,290	83,175	29,115	37,025	75,265	463,230	4.13
1960...	153,064	117,856	35,208	62,937	90,127	595,983	3.89

NA Not available

¹Termed "private residences" in 1890, "families" in 1900-1930, "occupied dwelling units" in 1940-1950, and "occupied housing units" in 1960, with definitions changed accordingly. Data for 1910-1930 include institutions, barracks, and similar accommodations as separate units.

²Units not reporting tenure numbered 2,356 in 1900, 543 in 1910, 589 in 1920, and 639 in 1930.

³Includes population in institutions, barracks, and similar accommodations in 1910-1940.

Source: Hawaii Bureau of Public Instruction, Report of the General Superintendent of the Census, 1890. U. S. Bureau of the Census, 12th Census...1900, Vol. II, Population, Part II; 13th Census...1910, Abstract of the Census; 16th Census...1940, Housing, General Characteristics, Hawaii; U. S. Census of Housing: 1950, General Characteristics, Hawaii; U. S. Census of Housing: 1960, States and Small Areas Hawaii.

CONSTRUCTION AND HOUSING

Table 2.--CHARACTERISTICS OF HOUSING UNITS: 1960

Subject	Number	Subject	Number
All housing units	165,506	Hot and cold piped water inside structure (percent) ..	86.8
OCCUPANCY AND TENURE		Flush toilet, exclusive use (percent)	89.9
Owner occupied.....	62,937	Shared bathroom or none (percent).....	16.8
Renter occupied.....	90,127	Number of rooms (median).....	4.5
Vacant.....	12,442	3 or more bedrooms (percent) ..	46.3
Available, not dilapidated.....	4,514	With basement (percent)	10.8
For sale only.....	691	With heating (percent)	2.3
For rent.....	3,823	Year structure built (percent)	100.0
Dilapidated or not avail.	7,928	1950 to March 1960.....	36.0
CONDITION AND PLUMBING		1940 to 1949.....	20.2
Sound.....	123,986	1930 to 1939.....	15.6
With all plumbing facilities	115,135	Before 1930.....	28.2
Other	8,851	Units in structure (percent) ..	100.0
Deteriorating.....	27,161	1, including trailers	74.2
With all plumbing facilities	16,897	2 to 4	12.6
Other	10,264	5 or more	13.1
Dilapidated.....	14,326		

Table 3.--CHARACTERISTICS OF OCCUPIED HOUSING UNITS: 1960

Subject	Number	Subject	Number
Persons in unit (median):		Water heated by electricity (%)	55.4
Owner occupied	4.2	Cooking by electricity (%)....	61.2
Renter occupied	3.3	Clothes washing machine (%)...	80.1
Persons per room (percent).....	100.0	Home food freezer (%).....	18.8
1.00 or less	74.3	Telephone available (%)	81.7
1.01 to 1.50.....	17.1	Automobile available (%).....	83.1
1.51 or more.....	8.6	Air conditioning (%).....	1.5
Year moved into unit (median)..	1956	Television set (%).....	77.9
		Radio set (%)	92.3

CONSTRUCTION AND HOUSING

Table 4.--FINANCIAL CHARACTERISTICS OF HOUSING UNITS: 1960

Tenure, occupancy, and island	Median value (dollars)	Tenure, occupancy, and type of rent	Median rent (dollars)
Owner occupied.....	20,900	Renter occupied:	
Oahu.....	23,200	Gross rent	72
Other islands.....	11,700	Contract rent	64
Vacant available for sale....	20,000	Vacant avail. for rent (contract).....	91

Table 5.--HOUSING CHARACTERISTICS, BY GEOGRAPHIC AREA: 1960

Geographic area	All housing units			Occupied housing units			Median rent (dollars)
	Number	% in 1-unit structures	% sound, with all plumbing	Number	% with 1.01 or more persons per room	% owner occupied	
The State ...	165,506	74.2	69.6	153,064	25.7	41.1	72
Counties:							
Hawaii.....	18,118	94.0	48.2	15,789	22.2	45.0	41
Honolulu.....	125,795	67.7	76.1	117,856	27.1	40.6	81
Kalawao.....	135	96.3	55.6	117	-	-	...
Kauai.....	8,996	92.7	49.6	8,078	18.4	35.7	32
Maui.....	12,462	97.2	49.7	11,224	21.7	45.8	37
Urban places:							
Hilo	6,755	92.2	68.1	6,373	20.8	59.5	51
Honolulu	80,758	56.9	75.6	76,675	26.7	38.6	79
Kailua-Lanikai...	6,472	89.6	92.8	6,128	18.9	71.8	119

Source of tables 2 to 5: U.S. Bureau of the Census, U.S. Census of Housing: 1960, States and Small Areas, Hawaii.

CONSTRUCTION AND HOUSING

Table 6.--HOUSING UNITS, BY OWNERSHIP AND CONTROL: APRIL 1961

Island	All units	Owner occupied ¹		Renter occupied and vacant ²			
		Land owned	Land leased	Private housing	Hawaii Housing Auth. ³	Other State housing	Armed forces hsg. ³
The State..	174,084	51,227	7,300	97,428	4,540	162	13,427
Oahu.....	134,017	36,336	7,021	72,993	4,233	39	13,395
Other islands...	40,067	14,891	279	24,435	307	123	32

¹Based on taxpayers claiming home exemption. Excludes owner occupants in multi-unit structures or structures used partly for business.

²Includes owner occupants in multi-unit structures and structures used partly for business.

³Units owned by the Navy but operated by the Hawaii Housing Authority (1,697, all on Oahu) are included with the H.H.A. totals.

Source: Honolulu Redevelopment Agency, Redevelopment and Housing Research, No. 20, December 1961, pp. 6 and 17.

Table 7.--SUMMARY OF HOUSING STATISTICS, FOR OAHU: 1954 TO 1961

Housing definition and year ¹	Housing units		Civilian pop. per unit	Units adver. ²		Building permit value ³	
	Number	% owner occ. ⁴		For rent	For sale	All permits	New housing
Old definition:							
1954	93,000	30.8	3.57	251	190	49,373	30,591
1955	97,000	30.8	3.52	92	134	62,245	36,890
1956	100,000	31.1	3.64	55	131	65,623	36,438
1957	103,000	31.7	3.75	27	112	78,303	45,134
1958	107,000	31.7	3.89	95	155	99,144	48,641
1959	112,000	30.9	3.85	195	119	129,020	82,381
1960	120,000	29.6	3.78	113	80	164,098	85,546
New definition:							
1960	125,795	28.2	3.60	113	80	164,098	85,546
1961	134,017	27.1	3.50	235	118	135,900	61,080

¹In 1960, the "dwelling unit" concept was replaced by that of "housing unit."

²Advertised in the Honolulu Star-Bulletin on the last weekend in February.

³Estimated value, in thousands of dollars.

⁴Owner occupied units in one-unit structures, land owned.

Source: Honolulu Redevelopment Agency, Redevelopment and Housing Research, No. 19, June 1961, and No. 20, December 1961; Honolulu Building Department, records.

CONSTRUCTION AND HOUSING

Table 8.--HOUSING CHARACTERISTICS OF CIVILIAN AND MILITARY HOUSEHOLDS, FOR OAHU:
JANUARY 1961

Status of household head	All households			Renter occupants		
	Number (thousands)	Percent moved during 1960	Percent owner occupants	Percent in private housing	Median monthly rent (dollars)	Rent as percent of income (median)
Total....	124	30.8	46.5	74.6	81	17.9
Military.....	24	62.7	11.9	36.1	89	24.3
Civilian.....	100	23.1	54.9	92.8	75	15.8

Source: Honolulu Redevelopment Agency, "Honolulu Household and Housing Survey, January 1961," Redevelopment and Housing Research, No. 19, June 1961.

Table 9.--POPULATION IN GROUP QUARTERS: 1960

Geographic area and kind of group quarters	Population
The State.....	39,965
Honolulu city	10,216
Inmates of institutions....	1,490
Vessels and ships.....	1,790
Other group quarters.....	6,936
Remainder of Honolulu County.	27,696
Inmates of institutions....	2,379
Vessels and ships.....	5,502
Other group quarters.....	19,815
Other counties.....	2,053
Inmates of institutions....	752
Vessels, ships, and other group quarters.....	1,301

Source: U.S. Bureau of the Census, U.S. Census of Population: 1960, General Population Characteristics, Hawaii, and U.S. Censuses of Population and Housing: 1960, Census Tracts, Honolulu, Hawaii.

Table 10.--REAL ESTATE MORTGAGE LOANS OUTSTANDING, JANUARY 1, 1940 TO 1961, AND BY TYPE OF LENDING INSTITUTION, JANUARY 1, 1961

Subject	Thousands of dollars
1961	508,095
1960	443,365
1950	106,076
1940	26,485
Type of lending institution, 1961:	
Banks.....	203,144
Savings, building and loan associations.....	185,034
Insurance companies.....	110,041
Industrial loan co's....	5,463
Trust companies.....	4,413

Source: Honolulu Redevelopment Agency, Redevelopment and Housing Research, No. 20, December 1961, p. 25.

CONSTRUCTION AND HOUSING

Table 11.--HOUSING UNITS BUILT, CONVERTED, OR DEMOLISHED: 1952 TO 1961

Years ¹	Housing units			Subject	Housing units, 1961 ¹		
	Net change	Built	Other ²		Net change	Built	Other ²
1961.....	8,578	10,936	-2,358	Counties:			
1960.....	10,086	10,571	-485	Hawaii....	4	206	-202
1959.....	6,447	7,455	-1,008	Honolulu..	8,222	10,236	-2,014
1958.....	4,864	5,519	-655	Kauai.....	16	120	-104
1957.....	4,508	4,531	-23	Maui	336	374	-38
1956.....	4,421	4,924	-503	Control:			
1955.....	4,963	5,415	-452	Private...	6,875	8,158	-1,283
1954.....	4,580	5,147	-567	Public ...	102	156	-54
1953.....	3,952	4,330	-378	Military..	1,601	2,622	-1,021
1952.....	3,570	3,899	-329				

¹Years ending March 31.

²Net change from conversion, merger, deactivation, reactivation, demolition, and destruction by disaster.

Source: Honolulu Redevelopment Agency, Redevelopment and Housing Research, No. 4, April 1956, p. 6; No. 8, April 1957, p. 26; No. 15, May 1959, p. 49; and No. 20, December 1961, pp. 3-4.

Table 12.--ESTIMATED VALUE OF CONSTRUCTION AUTHORIZED BY PERMITS, FOR THE CITY AND COUNTY OF HONOLULU: 1961

Subject	Thousands of dollars	Subject	Thousands of dollars
All permits.....	135,900	Type of building, con.:	
Type of permit:		Amusement, recreation ...	1,294
New buildings.....	118,821	Churches	2,314
Additions, alterations or repairs.....	17,080	Factories.....	4,915
Type of building:		Public garages.....	995
1-family dwellings.....	48,368	Private garages.....	702
2-family dwellings.....	2,162	Service stations.....	1,689
Multi-family dwellings...	19,650	Institutions	4,352
Hotels	390	Office buildings	11,955
Other residential.....	892	Public bldgs., utilities..	4,297
		Schools.....	17,988
		Stores, mercantile bldgs..	8,357
		All others.....	5,581

Source: City and County of Honolulu, Department of Buildings, mimeographed releases.

CONSTRUCTION AND HOUSING

Table 13.--APPROXIMATE VALUE OF LAND TRANSFERRED, 1940 TO 1961, AND BY COUNTY, 1961

Subject	Thousands of dollars
1961	131,952.5
1960	107,826.5
1950	45,125.0
1940	14,017.7
Counties, 1961:	
Hawaii.....	8,825.0
Honolulu.....	119,815.5
Kauai.....	841.0
Maui.....	2,471.0

Source: Hawaii Bureau of Conveyances, records.

Table 14.--TURNOVER OF HOUSING UNITS, FOR OAHU: 1960

(Non-dilapidated units occupied in January 1961 by a different household head than in January 1960.)

Tenure, control, and monthly rent	Turn-over
All types	31,744
Owner occupied units.....	7,986
Land owned.....	4,563
Land leased.....	3,422
Private rental units.....	16,467
Rent free or under \$75...	3,323
\$75 to \$99.....	6,002
\$100 or more.....	7,142
Hawaii Housing Authority...	645
Armed forces housing	6,646

Source: Honolulu Redevelopment Agency, "Honolulu Household and Housing Survey, January 1961," Redevelopment and Housing Research, No. 19, June 1961.

Table 15.--VACANCY RATES, FOR OAHU: 1955 TO 1961

Date and type of housing	Percent of units vacant
1955: February.....	1.3
1956: March.....	1.7
1959: May.....	1.7
1960: October.....	2.7
1961: October.....	3.0
Private, 1-family.....	1.6
Private, apartments	4.9
Public.....	4.2
Military.....	5.2

Source: Federal Housing Administration-Post Office surveys, cited in Federal Housing Administration, mimeographed releases.

Table 16.--CONSTRUCTION COST INDEX, FOR HONOLULU: 1948 TO 1961

(1950-1954=100. Annual averages.)

Year	Index
1948.....	87.2
1954.....	107.6
1958.....	132.3
1959.....	138.0
1960.....	142.0
1961.....	147.2

Source: Builders Report Pacific, March 12, 1962.

Section 21
Manufactures

This section presents statistics on the manufacturing segment of the economy. Sources for data on this subject include the United States Census of Manufactures, most recently taken in Hawaii as of 1958; Facts About Sugar and other publications of the Hawaiian Sugar Planters' Association; Pineapple Hawaii, Basic Facts, issued by the Pineapple Companies of Hawaii; and various reports of the Hawaii Department of Economic Development, Hawaii Department of Labor and Industrial Relations, and Hawaii Department of Taxation. Statistics for mainland States and the nation as a whole appear in Section 30 of the Statistical Abstract of the United States: 1961.

Table 1.-- GENERAL STATISTICS FOR MANUFACTURING: 1899 TO 1958

(Data are only approximately comparable from year to year; see source for discussion.)

Year	Establish-ments	All employees		Production workers			Value added by manufacture (\$1,000)
		Number	Payroll (\$1,000)	Number	Man-hours (1,000)	Wages (\$1,000)	
1958..	609	23,015	78,806	17,823	31,930	51,802	164,861
1954..	520	24,381	77,130	19,524	36,114	50,806	140,275
1939..	474	19,518	15,319	17,002	(NA)	11,458	58,354
1919..	496	11,744	8,666	9,969	(NA)	6,637	51,917
1909..	500	7,572	2,795	5,904	(NA)	2,109	21,586
1899..	222	4,418	2,038	3,655	(NA)	1,473	11,103

NA Not available.

MANUFACTURES

Table 2.-- DETAILED STATISTICS FOR MANUFACTURING: 1958

Item	Number	Item	Amount (\$1,000)
No. of establishments.....	609	Cost of selected items:	
With 1-19 employees.....	430	Fuels consumed.....	2,689
With 20-99 employees.....	134	Electricity purchased.....	2,499
With 100 employees or more..	45	Contract work.....	3,846
Proprietors and working partners.....	413	Value added by manufacture..	160,380
		Adjusted.....	164,861
All employees:		Manufacturers' inventories:	
Number (ann. ave.).....	23,015	Beginning of year.....	64,450
Payroll (\$1,000).....	78,806	Finished products.....	22,668
Production workers:		Work-in-process.....	2,204
Number (ann. ave.).....	17,823	Materials, supplies, fuel	39,578
March.....	12,512	End of year.....	69,294
May.....	13,738	Finished products.....	22,506
August.....	28,634	Work-in-process.....	3,884
November.....	16,408	Materials, supplies, fuel.	42,904
Man-hours (1,000).....	31,930	Expend. for plant and equip..	17,673
Jan.-Mar. (1,000).....	5,479	New plant and equipment.	17,181
Apr.-June (1,000).....	6,095	Plant.....	4,001
July-Sept. (1,000).....	12,750	Equipment.....	13,180
Oct.-Dec. (1,000).....	7,605	Used plant and equipment	492
Wages (\$1,000).....	51,802		

MANUFACTURES

Table 3.-- GENERAL STATISTICS ON MANUFACTURING, BY INDUSTRY GROUP:
1958

Industry group	Estab- lish- ments	Value added by manufacture (\$1,000)	Employees	Payroll (\$1,000)
Total.....	609	164,861	23,015	78,806
Food and kindred products.....	252	115,057	16,042	52,560
Meat products.....	18	3,234	328	1,053
Canned and frozen foods.....	44	42,386	8,479	21,074
Bakery products.....	30	6,261	826	2,960
Sugar ¹	26	45,994	4,316	19,274
Confectionery and related products..	14	844	109	297
Beverages.....	31	6,205	727	2,756
Men's and boys' furnishings.....	15	1,455	439	917
Women's and misses' outerwear.....	30	4,715	1,117	3,076
Misc. fabricated textile products...	16	615	118	344
Lumber and wood products.....	32	2,285	434	1,615
Mattresses and bedsprings.....	8	1,007	140	522
Furniture and fixtures, nec.....	11	609	102	304
Printing and publishing.....	61	12,510	1,639	7,300
Newspapers.....	16	9,015	1,112	5,054
Commercial printing.....	34	3,312	478	2,104
Leather and leather products.....	15	542	115	282
Stone, clay and glass products.....	21	3,332	295	1,401
Cement and plaster products.....	10	3,094	248	1,270
Machinery, except electrical.....	22	1,596	219	889
Machine shops.....	14	672	110	453
Transportation equipment.....	10	734	110	344
Misc. manufacturing industries.....	26	854	162	559

¹Low level of activity reflects effects of prolonged strike during the first half of the year.

MANUFACTURES

Table 4.-- MANUFACTURING STATISTICS, BY GEOGRAPHIC AREA: 1958

Geographic area	Number of establishments	Number of employees	Payroll (\$1,000)	Value added by manufacture (\$1,000)
The State.....	609	23,015	78,806	164,861
Counties:				
Hawaii.....	78	2,375	9,435	21,869
Honolulu.....	472	15,109	52,275	107,049
Kauai.....	22	2,137	6,502	15,298
Maui.....	37	3,394	10,594	20,645
Cities:				
Hilo.....	51	931	3,274	6,829
Honolulu.....	448	14,802	51,033	105,663

Source of tables 1 to 4: U.S. Bureau of the Census, U.S. Census of Manufacturers: 1958, Hawaii, Area Report MC58 (3)-51.

Table 5.-- PINEAPPLE PRODUCTION: 1903 TO 1961

Year ¹	Thousands of cases ²			Year ¹	Thousands of cases ²			
	Total	Fruit	Juice		Total	Fruit	Single strength juice	Concentrated juice
1903...	2	2	--	1956...	30,836	18,613	12,224	--
1910...	465	465	--	1957...	30,787	17,992	12,795	--
1920...	5,987	5,987	--	1958...	27,270	16,798	10,472	--
1930...	12,672	12,672	--	1959...	31,301	17,677	12,454	1,170
1940...	21,479	12,924	8,556	1960...	28,977	17,287	10,850	841
1950...	25,184	14,073	11,111	1961...	30,759	18,462	11,574	724

¹Calendar years, 1903-1930; pack years ending May 31, 1940-1961.

²Actual cases except for concentrated pineapple juice, shown in equivalent 24/2 cases, single strength basis.

Source: The Pineapple Companies of Hawaii, Pineapple Hawaii, Basic Facts (July 1961), p. 4, and records.

MANUFACTURES

Table 6.-- SUGAR PRODUCTION: 1837 TO 1961

Year	Tons ¹	Year	Tons ¹	Year	Tons ¹
1837.....	2	1890.....	129,899	1950.....	960,961
1840.....	180	1900.....	289,544	1957.....	1,084,646
1850.....	375	1910 ²	517,090	1958.....	764,953
1860.....	572	1920 ²	555,727	1959.....	974,632
1870.....	9,392	1930 ²	912,357	1960.....	935,744
1880.....	31,792	1940.....	976,677	1961.....	1,092,481

¹Short tons, converted to 96° raw value.

²Crop years.

Table 7.-- STATISTICS ON CANE SUGAR ACREAGE AND PRODUCTION: 1960

Subject	Number	Subject	Number
Cane land (acres).....	224,617	Sugar produced (tons):	
Harvested (acres).....	103,584	96° raw value.....	935,744
Cane used for sugar (tons).	8,613,317	Per acre.....	9.03
Per acre.....	83.15	Equivalent refined.....	874,546
Per ton sugar.....	9.20		

Source of tables 6 and 7: U.S. Bureau of Labor Statistics, Labor in the Territory of Hawaii, 1939 (1940), p. 12, and Hawaiian Sugar Planters' Association, Facts About Sugar (May 1961), p. 3, and records.

Section 22
Distribution and Services

This section presents statistics relating to retail, wholesale, and service trades. The major source for these data is the United States Census of Business, conducted in Hawaii in 1939, 1948, 1954 and 1958. Related materials, obtained from the Hawaii Department of Taxation, Hawaii Visitors Bureau, and Chamber of Commerce of Honolulu, appear in the sections on banking, finance, and business enterprise, communications and power, and recreation and tourism. Additional statistics are available from such agencies as the Hawaii Department of Taxation, Hawaii Department of Economic Development, Chamber of Commerce of Honolulu, and Hawaii Hotel Association. The Statistical Abstract of the United States: 1961, section 31, presents similar data for the nation as a whole.

Table 1.-- RETAIL TRADE, WHOLESALE TRADE, AND SELECTED SERVICES: 1939 TO 1958

(Data not strictly comparable from year to year.)

Year	Retail trade		Wholesale trade		Selected services	
	Estab- lishments	Sales (\$1,000)	Estab- lishments	Sales (\$1,000)	Estab- lishments	Receipts (\$1,000)
1939....	4,256	120,681	704	97,045	2,186	15,340
1948....	4,881	382,680	702	480,734	2,337	44,617
1954....	4,807	426,115	594	581,940	2,595	64,726
1958....	4,760	521,877	793	618,155	3,070	101,142

Source: U.S. Bureau of the Census, U.S. Census of Business: 1948, Vol. III, V, and VII, and U.S. Census of Business: 1958, Bulletins BC58-RA52, BC58-SA52, and BC58-WA52.

DISTRIBUTION AND SERVICES

Table 2.-- STATISTICAL SUMMARY FOR RETAIL TRADE: 1958

Subject	Number	Subject	Number
Establishments.....	4,760	Payroll, work week ended nearest Nov. 15 (\$1,000)...	1,216
With payroll.....	3,130	Full work week (\$1,000)...	1,135
Sales (\$1,000).....	521,877	Paid employees, work week ended nearest Nov. 15.....	25,263
Establishments with payroll (\$1,000).....	491,231	Full work week.....	21,146
Payroll, entire year (\$1,000).....	61,144	Active proprietors of unin- corporated business.....	4,795

Table 3.-- RETAIL TRADE, BY KIND OF BUSINESS: 1958

Kind of business	Estab- lish- ments	Sales (\$1,000)
Total.....	4,760	521,877
Lumber, bldg. mat., hardware, farm equipment.....	63	7,036
General merchan- dise stores.....	355	62,733
Food stores.....	1,030	155,354
Automotive dealers.	143	71,498
Gasoline service stations.....	351	38,012
Apparel, accessory stores.....	365	34,054
Furniture, home furnishings.....	265	26,509
Eating, drinking places.....	1,033	65,904
Drug, proprietary stores.....	103	15,520
Other retail stores.....	748	35,470
Nonstore retailers.	304	9,787

Table 4.-- RETAIL TRADE, FOR COUNTIES AND URBAN PLACES: 1958

Geographic area	Estab- lish- ments	Sales (\$1,000)
The State.....	4,760	521,877
Counties:		
Hawaii.....	590	45,480
Honolulu.....	3,481	429,765
Kalawao.....	...	...
Kauai.....	305	20,448
Maui.....	384	26,184
Urban places:		
Hilo.....	303	31,814
Honolulu.....	2,837	359,130
Downtown.....	480	64,059
Waikiki.....	275	31,881
Pawaa.....	52	26,443
Kailua-Lanikai....	90	14,381

Source of tables 2, 3 and 4: U.S. Bureau of the Census, U.S. Census of Business: 1958, Bulletins BC58-RA52 and BC58-CBD36.

DISTRIBUTION AND SERVICES

Table 5.-- STATISTICAL SUMMARY FOR WHOLESALE TRADE: 1958

Subject	Number	Subject	Number
Establishments.....	793	Payroll, entire year (\$1,000)..	36,392
Merchant wholesalers.....	596	Payroll, work week ended	
Other operating types.....	197	nearest Nov. 15 (\$1,000).....	777
Sales (\$1,000).....	618,155	Paid employees, work week end-	
Merchant wholesalers (\$1,000)	331,350	ed nearest Nov. 15.....	8,842
Other operating types (\$1,000)	286,805	Active proprietors of unin-	
		corporated business.....	378

Table 6.-- WHOLESALE TRADE, BY KIND OF BUSINESS: 1958

Kind of business	Estab-lish-ments	Sales (\$1,000)
Total.....	793	618,155
Motor vehicles, automot-		
ive equipment.....	58	23,966
Drugs; chemicals.....	42	18,324
Dry goods, apparel.....	26	15,014
Groceries.....	214	131,561
Electrical goods.....	37	37,492
Hardware, plumbing.....	22	16,695
Machinery, equipment,		
supplies.....	101	37,637
Petroleum bulk stations.	32	73,855
Tobacco.....	8	16,260
Alcoholic beverages.....	22	20,862
Paper, paper products...	20	14,630
Lumber, const. mat.....	27	29,172
Other products.....	184	182,687

Table 7.-- WHOLESALE TRADE, BY GEOGRAPHIC AREA: 1958

Geographic area	Estab-lish-ments	Sales (\$1,000)
The State.....	793	618,155
Counties:		
Hawaii.....	90	39,419
Honolulu.....	619	548,445
Kalawao.....	...	...
Kauai.....	35	13,465
Maui.....	49	16,826
Cities:		
Hilo.....	70	33,388
Honolulu.....	604	542,944

Source of tables 5, 6 and 7: U.S. Bureau of the Census, U.S. Census of Business: 1958, Bulletin BC58-WA52.

DISTRIBUTION AND SERVICES

Table 8.-- STATISTICAL SUMMARY FOR SELECTED SERVICES: 1958

Subject	Number	Subject	Number
Establishments.....	3,070	Payroll, week ended nearest	
With payroll.....	1,436	Nov. 15 (\$1,000).....	604
Receipts (\$1,000).....	101,142	Full workweek (\$1,000).....	563
Establishments with		Paid employees, workweek ended	
payroll (\$1,000).....	92,430	nearest Nov. 15.....	12,629
Payroll, entire year		Full workweek.....	10,872
(\$1,000).....	30,820	Active proprietors of unin-	
		corporated business.....	3,021

Table 9.-- SELECTED SERVICES, BY KIND OF BUSINESS: 1958

Kind of business	Estab-lish-ments	Receipts (\$1,000)
Total.....	3,070	101,142
Hotels and motels...	136	27,804
Personal services...	1,446	20,890
Miscellaneous busi- ness services.....	380	17,079
Auto repair, auto services, garages.	348	12,689
Miscellaneous repair services.....	290	5,062
Motion pictures.....	83	7,888
Other amusement, recreation services	387	9,730

Table 10.-- SELECTED SERVICES, BY GEOGRAPHIC AREA: 1958

Geographic area	Estab-lish-ments	Receipts (\$1,000)
The State.....	3,070	101,142
Counties:		
Hawaii.....	278	6,496
Honolulu.....	2,457	87,829
Kalawao.....	...	...
Kauai.....	139	3,364
Maui.....	196	3,453
Cities:		
Hilo.....	147	3,537
Honolulu.....	2,088	82,573

Source of tables 8, 9, and 10: U.S. Bureau of the Census, U.S. Census of Business: 1958, Bulletin BC58--SA52.

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