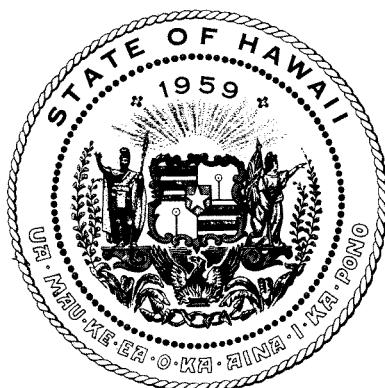


THE STATE OF HAWAII DATA BOOK



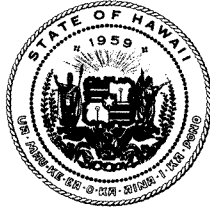
A Statistical Abstract

Published by the Office of Information

**DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT
STATE OF HAWAII**

Honolulu, Hawaii

1967



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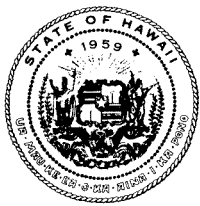
JOHN A. BURNS
GOVERNOR

January 1967

The State of Hawaii Data Book, a statistical abstract, is one of the basic publications issued by the Department of Planning and Economic Development. It brings together in one publication statistics on a variety of subjects which previously had been available only from many different sources. Its purpose is to provide a convenient and useful compilation of economic and demographic data about the State of Hawaii.

We hope that the Data Book will be useful to economists, market analysts, planners, administrators, legislators and others who are vitally concerned with the economic growth of our State.

John A. Burns



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DEVELOPMENT

The State of Hawaii Data Book, a compilation of statistical data, covers a wide range of demographic and economic subjects. Its purpose is to provide analysts and other research personnel with the factual tools needed in their work.

The Data Book is, in effect, a statistical abstract and represents in many areas an up-dating of the Statistical Abstract of Hawaii 1962, published by the former Department of Planning and Research. It follows where practicable the format and context of the Statistical Abstract of the United States. However, statistical series are limited to those felt to be most useful in research and analysis related to planning and economic development. Complete time series are given where possible, but analysis is not offered.

The text within each section explains the scope and sources of the data presented. Methodology is discussed where methods used are peculiar to Hawaii or differ from customary sources. More detailed information and related data can often be obtained from the sources mentioned.

Because of size limitations, much available information could not be included. For further information or for questions concerning subjects not covered in the Data Book, readers should contact the Department of Planning and Economic Development or the agencies listed as data sources in footnotes or text.

Acknowledgment is gratefully made to the personnel of the many public and private agencies who assisted materially in the preparation of this Data Book. Without their cooperation and help, this publication would not have been possible.

The Data Book was compiled by the Office of Information, Department of Planning and Economic Development under the review of the Department's Research and Economic Analysis Division. Suggestions or comments for future editions are welcome.

Shelley M. Mark

January 1967

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POPULATION

Hawaii's population is young, well educated and it is increasing at a rapid rate. Median age of the population is 24.3 years; the median education is 11.3 years of school completed.

Hawaii's people are of many races. No single race is in the majority. Recent figures show 38 percent of the population is Caucasian; 28 percent is of Japanese descent and the remainder includes Hawaiian, Chinese, Filipino, Korean and many other races.

There are three major estimates of the population -- the number of inhabitants, by the U. S. Bureau of the Census; the "resident population", by the Department of Planning and Economic Development; the "de facto civilian population", by the Department of Health. The estimates differ because they are prepared by somewhat different methods and are used for different purposes.

The "resident population" is computed semi-annually for January 1 and July 1 by the Department of Planning and Economic Development for the state, counties, the cities of Honolulu and Hilo and the individual islands of the state. The resident population figure includes civilian residents of the state, civilian dependents of military personnel residing in Hawaii, and military personnel stationed in Hawaii or on ships homeported in Hawaii. It includes the estimated number of residents temporarily absent from the state. It excludes the tourist population of the state.

The "de facto civilian population" is computed semi-annually by the State Department of Health for the dates January 1 and July 1 for the same areas. The de facto civilian population excludes all military personnel stationed in Hawaii although it includes civilian dependents who are living in the state. It also includes visitors to the state at their physical location on the two dates computed. No adjustments are made for civilian residents temporarily absent.

The de facto population is estimated from birth and death records of the state plus records of incoming and outgoing overseas and inter-island passengers on ships and planes. The estimates provide the basic data needed by state and local governments for the civilian needs of health and protection services.

The U. S. Bureau of the Census enumeration of the population appears every 10 years, with estimates published annually. The estimates are prepared at the national level, using symptomatic data to estimate immigration and a different definition of military personnel than that used by the Department of Planning and Economic Development. It is felt that the standard rate of increase may not be accurate for Hawaii. The Bureau of the Census includes only those military personnel who are actually in Hawaiian ports on the date of the estimates.

Table 1 -- RESIDENT AND DE FACTO POPULATION OF HAWAII, BY GEOGRAPHIC AREA:
JANUARY 1, 1966

Geographic area	Resident population			De facto civilian population	Visitors present	Residents absent
	Total	Civilian	Armed Forces			
The State	756,544	699,478	57,066	714,627	23,398	8,249
Hawaii County	60,921	60,772	149	62,403	2,225	594
City of Hilo	26,360	26,298	62	26,701	667	264
Remainder of county	34,561	34,474	87	35,702	1,558	330
Honolulu County ¹	622,508	565,764	56,744	576,170	17,500	7,094
City of Honolulu ¹	343,075	330,991	12,084	342,316	16,761	5,436
Remainder of county	279,433	234,773	44,660	233,854	739	1,658
Kalawao County	251	251	--	251	--	--
Kauai County	25,658	25,522	136	26,645	1,337	214
Island of Kauai	25,378	25,242	136	26,365	1,337	214
Island of Niihau	280	280	--	280	--	--
Maui County	47,206	47,169	37	49,158	2,336	347
Island of Lanai	2,588	2,588	--	2,592	12	8
Island of Maui	38,923	38,903	20	40,861	2,272	314
Island of Molokai ²	5,695	5,678	17	5,705	52	25

1. Includes French Frigate Shoal (19 armed forces) and Kure Island (22 armed forces).
2. Excluding Kalawao County.

Source: Department of Planning and Economic Development, State of Hawaii and Department of Health, State of Hawaii. The resident population, estimated on a semi-annual basis by the Department of Planning and Economic Development, includes military personnel and residents of the State who are temporarily absent but excludes visitors. The "de facto" civilian population, estimated on a semi-annual basis by the Department of Health, includes visitors to the state but excludes military personnel and those residents temporarily absent.

Table 6. -- POPULATION OF HAWAII, BY RACE: 1853 TO 1960

	1853	1890	1910	1920	1950	1960
All Races	73,137	89,990	191,909	255,912	499,769	632,772
Caucasian	1,687	18,939	44,048	49,140	124,344	202,230
Chinese	364	16,752	21,674	23,507	32,376	38,119
Filipino	5	--	2,361	21,031	61,062	68,641
Hawaiian	70,036	34,436	26,041	23,723	12,245	10,502
Part Haw'n.	983	6,186	12,506	18,027	73,845	91,597
Japanese	--	12,610	79,675	109,274	184,598	203,876
Negro	--	--	695	NA	2,651	4,943
Other	62	1,067	4,909	11,210	8,648	12,864

Source: Department of Planning and Economic Development, Racial Statistics for Hawaii: 1960 (reprinted 1964), for years 1853, 1910, 1950 and 1960. Department of Planning and Economic Development, Statistical Abstract of Hawaii, 1962 for years 1890 and 1920.

Table 3 -- DE FACTO CIVILIAN POPULATION OF HAWAII BY COUNTY: 1950 TO 1966

Year (July 1)	State of Hawaii	City-County of Honolulu	Hawaii County	Kalawao County	Kauai County	Maui County
1950 ...	472,780	324,768	68,883	372	30,290	48,467
1951 ...	471,853	327,268	66,589	315	30,233	47,448
1952 ...	462,494	322,230	64,469	299	29,497	45,999
1953 ...	468,301	329,078	63,565	338	29,902	45,418
1954 ...	474,391	335,029	63,833	290	29,968	45,271
1955 ...	491,899	351,402	64,449	285	30,138	45,625
1956 ...	512,200	373,491	63,955	276	29,318	45,160
1957 ...	538,296	400,500	63,998	286	29,509	44,003
1958 ...	560,448	425,521	62,411	294	28,715	43,507
1959 ...	580,505	445,972	61,903	265	28,832	43,533
1960 ...	595,024	461,454	61,059	267	28,481	43,763
1961 ...	612,673	480,173	60,332	263	28,409	43,496
1962 ...	635,888	501,356	60,246	260	28,661	45,365
1963 ...	655,546	520,999	60,649	264	27,982	45,652
1964 ...	674,951	540,872	60,000	261	27,229	46,589
1965 ...	702,030	566,532	60,029	249	27,577	47,643
1966 ...	713,909	575,757	61,027	233	27,458	49,434

Source: Department of Health, Research, Planning and Statistics Office, semi-annual research reports.

Table 4 -- RESIDENT POPULATION OF HAWAII BY ISLAND: 1960 TO 1966

(July 1)	Hawaii Island	Kauai Island	Lanai Island	Maui ¹ Island	Molokai Island	Niihau Island	Oahu ² Island
1960 ...	59,645	27,847	2,115	35,922	4,878	257	503,464
1961 ...	59,496	27,811	2,191	35,377	5,112	259	524,550
1962 ...	59,506	28,011	2,542	36,360	5,759	262	549,982
1963 ...	59,605	26,721	2,925	35,682	5,707	270	566,477
1964 ...	59,151	26,010	3,037	36,487	5,825	278	589,677
1965 ...	59,290	26,181	2,975	37,058	5,694	280	613,027
1966 ...	58,997	25,545	2,925	38,316	5,629	285	611,948

1. Excludes Kalawao County.

2. Includes French Frigate Shoal Kure Island and other islands of the leeward group.

Source: Department of Planning and Economic Development, semi-annual estimates of the resident population of Hawaii.

Table 5 -- INTENDED RESIDENTS ARRIVING IN HAWAII BY WESTBOUND CIVILIAN CARRIERS: 1956 TO 1965

Year	Total	Military personnel	Military dependents	Other civilians	Not reported	Median age
1956 ...	11,268	1,840	NA	NA	NA	23.2
1957 ...	16,676	2,668	NA	NA	NA	22.5
1958 ...	16,412	2,440	NA	NA	NA	22.4
1959 ...	18,374	2,506	NA	NA	NA	23.6
1960 ...	15,030	2,088	NA	NA	NA	24.6
1961 ...	16,720	2,975	2,950	9,875	920	23.6
1962 ...	21,070	2,945	6,025	11,165	935	24.0
1963 ...	20,200	2,775	5,203	11,370	825	22.9
1964 ...	24,030	4,875	5,835	12,490	830	23.4
1965 ...	24,855	8,135	4,840	11,330	550	23.2

Source: Department of Planning and Economic Development, Hawaii's Immigrants, 1965.

Table 6 -- POPULATION OF SELECTED CITIES AND PLACES IN HAWAII, BY COUNTIES: 1940, 1950 AND 1960, WITH ESTIMATES FOR 1964 AND 1965

Area	1940	1950	1960	Est. 1964	Est. 1965
City-County of Honolulu					
Aiea	3,553	3,714	11,826	14,400	15,100
Ewa	3,570	3,429	3,257	--	--
Ewa Beach	--	--	2,459	--	--
Honolulu	179,326	248,034	294,194	1	1
Kailua-Lanikai	--	7,740	25,622	31,000	31,500
Kaneohe	1,762	3,208	14,414	22,600	24,200
Lualualei	371	1,528	5,045	--	--
Nanakuli	777	2,002	2,745	--	--
Pearl City	--	--	--	17,800	19,600
Wahiawa	5,420	8,369	15,512	16,200	16,600
Waianae-Makaha	1,078	1,000	6,844	9,320	--
Waimanalo	971	868	3,011	6,100	6,300
Waipahu	--	--	--	11,000	12,600
Hawaii County					
Hilo	23,353	27,198	25,966	1	1
Kailua-Keauhou	381	326	466	--	--
Kauai County					
Lihue	4,254	3,870	3,908	--	--
Maui County					
Hoolehua	1,050	973	990	--	--
Kahului	2,193	6,306	4,223	--	--
Lahaina	5,217	4,025	3,423	--	--
Lanai City	3,597	2,746	2,056	--	--
Puunene	--	--	3,054	--	--

1. See Tables 1 and 2.

Source: U.S. Bureau of the Census, U.S. Census of Population, Hawaii, 1960 for 1940-1960. Department of Health, Estimates of Civilian Population and Dwelling Units by Census Tracts for Hawaii and Oahu for 1964 and 1965.

Table 7 -- POPULATION OF HAWAII, BY GEOGRAPHIC AREA, FOR CENSUS YEARS:
1910 TO 1960

Geographic Area	1910	1920	1930	1940	1950	1960
The State	191,874	255,881	368,300	422,770	499,794	632,772
City-County of Honolulu ¹	81,993	123,496	202,887	257,696	353,020	500,409
City of Honolulu	52,183	81,820	137,58	179,358	248,034	294,194
Remainder of County	29,810	41,676	65,305	78,338	104,986	206,215
Hawaii County	55,382	64,895	73,325	73,276	68,350	61,332
City of Hilo	6,745	10,431	19,468	23,353	27,198	25,966
Remainder of county	48,637	54,464	53,857	49,923	41,152	35,366
Kalawao County	785	667	605	446	340	279
Kauai County	23,952	29,438	35,942	35,818	29,905	28,176
Island of Kauai	23,744	29,247	35,806	35,636	29,683	27,922
Island of Niihau	208	191	136	182	222	254
Maui County	29,762	37,385	55,541	55,534	48,179	42,576
Island of Kahoolawe.....	2	3	2	1	--	--
Island of Lanai	131	185	2,356	3,720	3,136	2,115
Island of Maui	28,623	36,080	48,756	46,919	40,103	35,717
Island of Molokai ²	1,006	1,117	4,427	4,894	4,940	4,744

1. Includes Palmyra Island 1910 - 1950 and French Frigate Shoal, Kure Island and other islands of the leeward group, 1910-1960

2. Excluding Kalawao.

Source: U.S. Bureau of the Census, U.S. Census of Population. Number of Inhabitants, Hawaii.

Table 8 -- ALTERNATIVE POPULATION ESTIMATES FOR HAWAII: 1961 TO 1965

Year (July 1)	U. S. Bureau of the Census		U. S. Office of Business Economics: Total ¹	Hawaii Dept. of Health: De facto civilian	Department of Planning and Economic Development (resident population)	
	Total	Civilian			Total	Civilian
1961...	659,000	598,000	639,000	612,673	655,332	598,984
1962...	693,000	614,000	651,000	635,888	682,682	622,980
1963...	683,000	623,000	671,000	655,546	697,651	640,558
1964...	708,000	635,000	689,000	674,951	720,741	660,901
1965...	711,000	648,000	NA	702,030	744,756	688,643

1. Civilian population of OBE is the same as the Bureau of the Census.

Source: U. S. Bureau of the Census Current Population Reports, Series P-25, No. 324; U. S. Office of Business Economics letter dated May 6, 1965; Department of Planning and Economic Development, reports; Department of Health, mimeographed releases.

Table 9 -- RESIDENT POPULATION OF HAWAII, BY COUNTY: 1961 TO 1966, WITH PROJECTIONS TO 1985

Year (Jan. 1)	State of Hawaii	City- County of Honolulu	Hawaii County	Kauai County	Maui County	Kalawao County
1961 ...	651,504	NA	NA	NA	NA	NA
1962 ...	682,491	547,490	62,398	27,787	44,471	245
1963 ...	698,702	564,155	61,799	27,518	44,976	254
1964 ...	714,092	580,800	60,909	26,981	45,146	256
1965 ...	743,734	610,101	60,504	27,289	45,595	245
1966 ...	756,544	622,508	60,921	25,658	47,206	251
1970 ...	849,400	713,400	61,400	27,500	46,900	200
1975 ...	962,000	816,400	65,300	29,800	50,300	200
1980 ...	1,086,500	929,900	69,700	32,300	54,400	200
1985 ...	1,217,000	1,049,600	74,000	34,700	58,500	200

Source: Department of Planning and Economic Development, semi-annual reports of resident population of Hawaii. Projections were computed for the Department's General Plan Revision.

Table 10 -- RESIDENT POPULATION OF HAWAII, BY AGE AND SEX: 1950 AND 1960

Age (in five year age groups)	April 1, 1950			April 1, 1960		
	Total	Male	Female	Total	Male	Female
The State	499,794	273,895	125,899	632,772	338,173	294,599
Under 5 years	63,991	32,817	31,174	80,962	41,266	39,696
5 to 9 years.....	51,794	26,626	25,168	72,778	37,175	35,603
10 to 14 years.....	40,352	20,402	19,950	64,018	32,679	31,339
15 to 19 years.....	43,908	23,467	20,441	54,321	30,622	24,199
20 to 24 years.....	50,356	27,539	22,817	50,606	30,403	20,203
25 to 29 years.....	49,684	25,967	23,717	44,553	22,411	22,142
30 to 34 years.....	42,890	13,143	19,747	48,936	24,177	24,759
35 to 39 years.....	37,527	22,644	14,883	49,245	25,167	24,078
40 to 44 years.....	20,746	17,915	10,831	40,358	21,443	18,915
45 to 49 years.....	25,143	15,353	9,790	33,485	19,567	13,918
50 to 54 years.....	18,906	10,704	8,202	26,065	15,876	10,189
55 to 59 years.....	13,925	7,445	6,480	22,012	13,103	8,909
60 to 64 years.....	12,153	7,491	4,662	15,771	8,572	7,199
65 to 69 years.....	8,428	4,979	3,449	10,959	5,527	5,432
70 to 74 years.....	5,971	3,665	2,306	8,688	5,021	3,667
75 to 79 years.....	3,570	2,267	1,303	5,090	2,734	2,356
80 to 84 years.....	1,604	959	645	2,845	1,546	1,299
85 years and over	846	512	334	1,580	884	696

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

LABOR AND WAGES

The civilian labor force for the state increased 42 percent between 1950 and 1965. The annual average for 1965 was 266,500 or approximately 37 percent of the civilian population. During the peak summer pineapple canning season, the civilian labor force rose to a high of 279,790.

Annual average unemployment for Hawaii dropped from 9.4 percent in 1950 to 3.5 percent in 1965—a figure considerably below the national average.

Hawaii's labor force is young, well-educated and has proven its ability to master the sophisticated equipment and techniques of today's space-age industries.

Primary source of information on employment statistics in Hawaii is the Department of Labor and Industrial Relation, Research and Statistics Office. The department publishes monthly and annual labor force estimates for the state and the islands of Oahu, Hawaii, Kauai, Maui and Molokai-Lanai. It also issues a monthly bulletin, Labor Force Developments and an annual report, Employment and Payrolls in Hawaii.

The Department of Planning and Economic Development publishes reports dealing with employment and projected employment of certain industries and areas within the state.

Rates of pay throughout the state are published annually by the Hawaii Employers Council. Rates are determined by a statewide survey conducted by the Council and representatives of state and county governments. The Employers Council also maintains wage and hour statistics on sugar, pineapple, longshore and other industries, and publishes research reports on personnel practices, labor laws and related subjects.

Table 11 -- CIVILIAN LABOR FORCE IN HAWAII, BY COUNTY: 1950 TO 1965

Monthly average ¹	State Total	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950	187,773	131,876	24,922	12,379	18,596
1951	191,678	134,698	25,212	12,104	19,664
1952	194,067	137,859	24,866	12,466	18,876
1953	196,142	139,675	24,955	12,898	18,614
1954	197,376	141,033	25,285	12,793	18,265
1955	199,276	143,323	25,137	12,891	17,925
1956	204,082	149,937	25,177	11,827	17,141
1957	207,564	155,275	23,771	11,682	16,836
1958	211,540	161,770	22,000	11,580	16,190
1959	222,980	172,800	22,190	11,570	16,420
1960	235,140	184,660	22,270	11,420	16,780
1961	242,850	192,060	22,180	11,480	17,130
1962	246,180	195,260	22,240	11,590	17,090
1963	250,880	199,140	22,400	11,880	17,470
1964	255,800	203,980	22,490	11,600	17,730
1965	266,518	212,563	23,778	11,716	18,462

1. Data for 1958-1965 were revised April 1, 1966. Data for prior years may not be strictly comparable.

Source: Department of Labor and Industrial Relations, State of Hawaii.

Table 12 -- CIVILIAN EMPLOYMENT IN HAWAII, BY COUNTY: 1959 TO 1965

Monthly average ¹	State	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950	170,075	119,369	22,384	11,644	17,691
1951	183,100	129,427	23,806	11,649	18,553
1952	184,700	131,913	23,658	12,117	17,951
1953	186,400	132,295	23,877	12,422	17,843
1954	185,514	132,147	23,848	12,307	17,212
1955	189,352	136,396	23,728	12,352	16,815
1956	195,075	144,105	23,646	11,273	16,052
1957	199,831	150,414	22,558	11,111	15,748
1958	201,370	156,160	20,040	10,280	14,870
1959	216,140	167,540	21,590	11,180	15,830
1960	228,050	179,350	21,520	10,990	16,190
1961	232,910	184,320	21,300	10,980	16,310
1962	234,420	185,980	21,330	11,020	16,090
1963	238,630	189,640	21,310	11,250	16,440
1964	247,560	197,360	21,280	11,260	17,120
1965	257,200 ✓	205,420	22,790	11,230	17,760

1. Data from 1958 revised April 1, 1966. Data for prior years may not be strictly comparable.

Source: Department of Labor and Industrial Relations.

Table 13 -- RATE OF UNEMPLOYMENT IN HAWAII, BY COUNTY: 1950 TO 1965

Monthly average	State Total	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950	9.4	9.5	10.2	5.9	10.2
1951	4.3	3.9	5.6	3.8	6.0
1952	4.3	4.3	4.8	2.8	4.9
1953	4.9	5.2	4.3	3.7	4.1
1954	6.0	6.3	5.3	3.8	5.7
1955	5.0	4.8	5.4	4.2	6.2
1956	4.4	3.9	6.1	4.7	6.3
1957	3.7	3.1	5.1	4.9	6.5
1958	3.4	3.2	3.9	4.4	3.9
1959	3.1	3.0	2.7	3.4	3.6
1960	3.0	2.9	3.4	3.8	3.5
1961	4.1	4.0	4.0	4.4	4.8
1962	4.7	4.7	4.1	4.9	5.8
1963	4.8	4.7	4.6	5.3	5.9
1964	3.9	3.8	4.5	4.4	4.6
1965	3.5	3.3	4.1	4.1	3.8

Source: Department of Labor and Industrial Relations. Unemployment rates are computed on the basis of civilian labor force only.

Table 14 -- CIVILIAN EMPLOYMENT IN HAWAII, FOR SELECTED INDUSTRIES: 1950 TO 1965

Monthly average	Total Employment	Agri-culture ¹	Mfg. ²	Service	Trade	Govt.	Finance	Construc-tion	Transpor-tation	Sugar ³	Pine-apple ³
1950	170,075	27,235	24,708	15,271	27,092	33,140	3,429	8,798	11,206	22,893	12,167
1951	183,100	29,064	24,756	16,299	29,059	40,024	3,555	10,491	10,867	22,410	13,747
1952	184,700	28,600	24,751	17,537	29,658	40,616	3,761	10,724	10,899	22,346	13,091
1953	186,400	28,965	24,723	18,235	30,633	39,257	4,021	10,798	10,869	22,223	12,829
1954	185,514	28,607	24,143	18,592	31,193	39,082	4,351	9,812	10,556	21,751	11,956
1955	189,352	28,054	24,602	19,631	32,842	39,731	4,568	9,768	10,709	20,955	12,361
1956	195,075	25,018	24,786	20,130	34,277	42,804	4,886	10,583	11,551	17,937	12,528
1957	199,831	23,866	24,895	22,442	35,268	43,361	5,305	11,321	12,198	16,815	12,048
1958	201,370	18,010	22,590	25,640	36,640	46,970	7,360	12,660	12,960	12,770	10,776
1959	216,140	19,880	24,900	27,100	39,810	48,320	8,090	15,080	13,380	15,396	10,828
1960	228,050	19,190	25,770	29,310	42,720	49,510	9,240	17,600	14,780	14,633	11,149
1961	232,910	18,550	25,730	31,470	44,000	50,390	10,160	17,170	14,850	14,155	10,888
1962	234,420	17,760	25,020	32,700	45,320	51,170	10,840	15,110	15,120	13,407	10,186
1963	238,630	17,010	25,030	34,210	46,040	52,890	11,040	15,050	15,370	13,092	10,208
1964	247,560	17,020	25,240	36,250	47,810	54,440	12,130	16,270	15,630	12,808	10,300
1965	257,200	16,794	24,500	38,130	50,070	57,660	13,010	17,560	16,360	12,650	9,350

1. Includes sugar and pineapple agricultural workers.
2. Includes sugar and pineapple mill and cannery workers.
3. Includes agricultural, mill and cannery workers in these industries.

Source: Department of Labor and Industrial Relations, Labor Force Estimates and records.

Table 15 -- AVERAGE RATES OF PAY FOR SELECTED JOB CLASSIFICATIONS IN PRIVATE INDUSTRY, HAWAII: 1953 TO 1966

Year	Monthly rates				Hourly rates		
	Junior Typist	Steno-grapher	Secre-tary	Civil Engineer (entry)	Laborer	Hi-lift Operator	Auto Mechanic
1953 ...	\$193	\$247	\$317	\$405	\$1.15	\$1.36	\$1.72
1954 ...	191	270	326	434	1.16	1.41	1.72
1955 ...	191	234	328	466	1.15	1.51	1.74
1956 ...	205	279	340	434	1.16	1.47	1.80
1957 ...	208	278	331	540	1.22	1.51	1.87
1958 ...	226	291	343	475	1.35	1.90	2.00
1959 ...	232	301	355	556	1.38	2.00	2.11
1960 ...	234	313	368	488	1.46	1.73	2.27
1961 ¹ ...	244	318	373	481	1.53	1.89	2.37
1962 ² ...	257	321	380	524	1.61	1.96	2.42
1963 ...	255	335	391	560	1.71	2.19	2.49
1964 ...	266	347	408	582	1.82	2.26	2.64
1965 ...	NA	358	429	592	1.91	2.32	2.77
1966 ...	294	377	449	601	2.00	2.38	2.98

1. Rates were published in January 1962.

2. Rates were published in December 1962.

Source: Hawaii Employers Council and state and local governments, Pay Rates in Hawaii for years shown. Rates are mean (weighted arithmetic average) for private industry. Data are for the year in which the pay rates were surveyed; for 1961 and prior years, survey results were printed the following year. Separate data are available for rates of pay by county, by industry, by government jurisdiction and private industry and government combined.

Table 16 -- AVERAGE WEEKLY EARNINGS IN SELECTED INDUSTRIES IN HAWAII: 1961 TO 1965

Industry	1961	1962	1963	1964	1965
Contract construction	\$118.34	\$122.25	\$125.51	\$137.25	\$137.11
Manufacturing	72.39	72.57	77.52	82.18	89.60
Food processing	74.39	69.93	72.95	76.33	84.02
Textile and apparel	55.69	55.58	58.78	62.05	64.06
Printing & publishing	102.44	96.82	97.09	115.06	123.07
Communications & utilities. .	106.30	114.26	119.48	127.10	141.53
Trade	65.64	67.58	73.44	72.42	73.64
Wholesale	85.72	88.65	89.27	93.22	93.27
Retail	55.60	56.93	61.90	61.79	64.02
Finance	84.03	84.16	87.12	90.79	95.30
Hotels	55.27	58.42	58.22	64.13	67.37
Laundries	46.25	46.60	49.41	53.80	52.98

Source: Department of Labor and Industrial Relations

MILITARY PERSONNEL

Although world conditions produce fluctuations in the number of military personnel stationed in Hawaii, the total number of members of the armed forces and their dependents has been over 110,000 for several years. The number of uniformed personnel stationed ashore or on ships homeported in Hawaii has been more than 55,000 for some time but dropped below that figure in July 1966. The figure has been increasing since July and it is anticipated that previous levels will be attained.

All branches of the armed services are represented in Hawaii. The unified military command for the entire Pacific, CINCPAC, is located at Camp Smith, Oahu. The Navy, with approximately 27,000 officers and men in Hawaii had the largest representation, followed by the Air Force with 10,600 and the Army with 6,700.

A central source of information on the number of military personnel and dependents in Hawaii is the Department of Planning and Economic Development which publishes a semi-annual report, Military Personnel and Dependents in Hawaii, based on information supplied by local commanding officers of the armed forces.

The Bureau of the Census, Office of Business Economics and the Department of Defense estimates of the number of military personnel in Hawaii differ from those of the Department of Planning and Economic Development primarily in their treatment of personnel aboard ship. State estimates include men aboard ships homeported in Hawaii on the dates given. The Census and Department of Defense count armed forces afloat only if they are actually in port on the date of the estimate. Office of Business Economics omits personnel aboard ship.

Table 17 -- MILITARY PERSONNEL IN HAWAII, BY BRANCH OF SERVICE:
1959 TO 1966

Date	Total	Air Force	Army	Coast Guard	Marine Corps ¹	Navy ¹
1959 Spring	56,303	6,314	16,259	1,242	--	32,488
1960 April 1	52,916	6,089	15,500	1,393	--	29,934
1961 Jan. 1	54,653	6,699	16,159	1,486	--	30,309
July 1	56,348	6,919	16,353	1,616	--	31,460
1962 Jan. 1	59,487	7,149	18,556	1,547	--	32,235
July 1	59,702	7,416	18,439	1,510	--	32,337
1963 Jan. 1	59,429	7,384	17,440	1,365	10,086	23,086
July 1	57,093	7,646	17,000	1,519	10,327	20,601
1964 Jan. 1	59,626	7,718	18,000	1,546	10,113	22,249
July 1	59,840	7,808	19,000	1,555	10,450	21,027
1965 Jan. 1	62,836	9,436	17,000	2,114	10,653	23,633
April 1	56,336	9,243	18,500	1,543	3,597	23,453
July 1	56,113	9,217	20,000	1,513	3,346	22,037
1966 Jan. 1	57,066	9,897	17,000	1,676	1,116	27,377
July 1	49,737	10,613	6,700	1,748	3,978	26,698

1. Navy and Marine Corps personnel combined through 1962.

Source: Department of Planning and Economic Development, Military Personnel in Hawaii, July 1, 1966 and reports for previous years.

Table 18 -- MILITARY PERSONNEL IN HAWAII, BY ISLAND: 1959 TO 1966

Date	Total	Oahu	Hawaii	Kauai	Maui	Molokai	Other ¹
1959 Spring.....	56,303	56,050	NA	NA	NA	NA	NA
1960 April 1	52,916	52,555	132	140	20	19	50
July 1	53,450	53,138	143	152	20	19	22
1961 Jan. 1.....	54,653	54,237	164	177	20	18	37
July 1	56,348	55,974	153	138	20	17	46
1962 Jan. 1.....	59,487	59,126	NA	NA	NA	NA	NA
July 1	59,702	59,372	117	135	18	14	46
1963 Jan. 1.....	59,429	59,143	113	97	18	15	43
July 1	57,093	56,752	149	103	21	21	47
1964 Jan. 1.....	59,626	59,297	156	90	19	18	46
July 1	59,840	59,431	171	131	41	18	48
1965 Jan. 1.....	62,836	62,431	166	134	42	18	45
April 1	56,336	55,872	155	133	42	17	117
July 1	56,113	55,720	164	132	39	17	41
1966 Jan. 1.....	57,066	56,703	149	20	136	17	41
July 1	49,737	49,467	141	32	53	1	43

1. Includes: French Frigate Shoal, Kure, Kahoolawe.

Source: Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, for years shown.

Table 19 -- MILITARY PERSONNEL, THEIR DEPENDENTS AND FAMILIES IN HAWAII: 1959 TO 1966

Date	Personnel and dependents	Military personnel			Dependents in Hawaii	No. of military families
		Total	Ashore	Aboard Ship		
1959 Spring....	112,525	56,303	...	...	56,222	...
1960 April 1....	112,938	52,881	41,927	10,954	60,057	19,631
1961 January 1.	115,324	54,653	43,723	10,930	60,671	19,567
July 1	118,381	56,348	44,155	12,193	62,033	21,007
1962 January 1.	121,464	59,487	47,402	12,085	61,977	21,281
July 1	122,933	59,702	48,020	11,682	63,231	21,973
1963 January 1.	122,968	59,429	47,413	12,016	63,539	21,967
July 1	118,588	57,093	45,364	11,739	61,495	21,651
1964 January 1.	125,602	59,626	48,242	11,384	65,976	23,025
July 1	128,930	59,840	47,969	11,881	69,090	21,631
1965 January 1.	135,648	62,836	48,227	14,609	72,812	24,011
April 1 ...	126,792	56,336	44,063	12,273	70,456	22,339
July 1	121,929	56,113	42,960	13,153	65,816	23,156
1966 January 1.	116,328	57,066	39,719	17,147	59,262	20,515
July 1	112,359	49,737	31,476	18,261	62,622	21,154

Source: Department of Planning and Economic Development, Military Personnel and Dependents in Hawaii, reports for dates given. Estimates differ somewhat from those published by the Bureau of the Census, Office of Business Economics and Department of Defense primarily because of differences in definition.

INCOME

Personal income in Hawaii exceeded two billion dollars in 1965—an all-time high for the state. Recently revised figures by the U. S. Department of Commerce show that the annual percentage increases in Hawaiian income from 1958 to 1961 were more than double that for the United States. Per capita income for Hawaii is above the national average.

Primary sources of information on income are the U. S. Department of Commerce series on personal income, per capita income and per capita disposable income which appear in the Survey of Current Business.

The Department of Planning and Economic Development analyzes and projects state income from various sources in reports and studies, and includes income statistics in informational brochures.

The First National Bank of Hawaii, Department of Economic Research, prepares annual estimates of personal and per capita income for the four counties. The Bank of Hawaii, Department of Business Research, publishes an annual mid-year economic report which summarizes income to the state from sales of goods and services in various industries. The Department of Health includes income in the data surveyed in the Health Surveillance Program. Studies on Hawaii's income are prepared from time to time by the Economic Research Center and other agencies of the University of Hawaii.

Extensive summaries of income data for Hawaii by geographic area and other classifications are published in the U. S. Census, Social and Economic Characteristics, Hawaii, 1960.

Table 20 -- SELECTED SOURCES OF INCOME IN HAWAII: 1950 TO 1965
(in millions of dollars)

Year	Defense expenditures	Visitor expenditures	Value of sugar production	Value of pineapple production
1950 ...	147.0	24.2	123.9	102.4
1951 ...	213.5	29.0	135.1	95.6
1952 ...	245.1	32.8	138.0	96.9
1953 ...	251.1	42.6	147.8	113.5
1954 ...	237.2	48.9	141.4	108.8
1955 ...	272.5	55.0	145.7	115.7
1956 ...	284.5	66.0	148.9	122.5
1957 ...	307.9	77.6	147.5	115.9
1958 ...	327.4	82.7	106.4	130.1
1959 ...	338.0	109.0	131.0	127.5
1960 ...	373.1	131.0	127.4	119.3
1961 ...	401.9	137.0	144.9	119.4
1962 ...	375.8	154.0	159.7	114.9
1963 ...	368.6	186.0	191.3	123.5
1964 ...	415.9	225.0	166.6	127.5
1965 ...	460.0	265.0	175.0	126.6

Sources: Department of Planning and Economic Development; Hawaii Visitors Bureau; Bank of Hawaii, Department of Business Research.

Table 21 -- PER CAPITA PERSONAL INCOME IN THE UNITED STATES AND HAWAII:
1940 TO 1965

Year	United States	State of Hawaii	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950 ...	1,496	1,387	\$1,534	\$1,031	\$1,142	\$1,131
1951 ...	1,652	1,580	NA	NA	NA	NA
1952 ...	1,733	1,747	NA	NA	NA	NA
1953 ...	1,804	1,796	NA	NA	NA	NA
1954 ...	1,785	1,802	NA	NA	NA	NA
1955 ...	1,876	1,837	1,970	1,266	1,342	1,258
1956 ...	1,975	1,900	2,044	1,309	1,453	1,272
1957 ...	2,045	1,944	2,077	1,309	1,448	1,471
1958 ...	2,068	1,987	2,112	1,292	1,459	1,390
1959 ...	2,161	2,112	2,290	NA	1,631	1,503
1960 ...	2,215	2,369	2,542	1,678	1,779	1,724
1961 ...	2,264	2,485	2,643	1,849	1,957	1,829
1962 ...	2,368	2,538	2,684	2,000	2,085	1,871
1963 ...	2,455	2,647	2,755	2,148	2,481	2,130
1964 ...	2,579	2,775	2,869	2,398	2,623	2,214
1965 ...	2,746	2,879	2,962	2,529	2,791	2,347

Sources: U. S. Department of Commerce, Survey of Current Business, August 1966, for national and state data; First National Bank of Hawaii, Department of Economic Research for county data. County data prior to 1960 are based on unrevised data and may not be strictly comparable.

Table 22 -- PERCENTAGE DISTRIBUTION OF FAMILY INCOMES ON OAHU, BY FAMILY INCOME CLASS: 1965

Income Class	Families			Unrelated individuals	
	Total	Civilian	Military	Total	Civilian
All classes	100.0%	100.0%	100.0%	100.0%	100.0%
Less than \$1,000 ...	0.7	0.8	...	9.4	9.7
\$1,000 to \$1,999 ...	2.0	2.2	1.2	14.9	14.6
\$2,000 to \$2,999 ...	5.3	4.9	7.2	15.5	15.2
\$3,000 to \$3,999 ...	8.0	6.0	16.1	16.7	17.3
\$4,000 to \$4,999 ...	9.1	6.5	20.0	13.7	12.5
\$5,000 to \$6,999 ...	19.2	16.7	29.5	14.9	15.2
\$7,000 to \$9,999 ...	24.4	26.3	16.8	9.1	9.4
\$10,000 to \$14,999 .	20.9	24.0	8.4	4.7	4.9
\$15,000 or more	10.3	12.7	0.7	1.2	1.2

Source: Department of Planning and Economic Development, Labor Force and Family Income on Oahu, 1965, based on a Department of Health survey conducted in 1964 and 1965 of 2,061 families and 342 unrelated individuals on Oahu.

Table 23 -- TOTAL PERSONAL INCOME IN HAWAII, BY COUNTY: 1940 TO 1965
(in millions of dollars)

Year	United States	State of Hawaii	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950 ...	\$226,214	\$ 692	\$	\$	\$	\$
1951 ...	253,233	793				
1952 ...	269,767	865				
1953 ...	285,458	896				
1954 ...	287,613	908				
1955 ...	308,265	972				
1956 ...	330,481	1,041				
1957 ...	348,462	1,114				
1958 ...	358,474	1,182				
1959 ...	380,963	1,325				
1960 ...	398,725	1,478	1,253	100	50	75
1961 ...	414,411	1,598	1,354	110	55	79
1962 ...	440,192	1,680	1,418	119	59	84
1963 ...	463,053	1,776	1,487	128	67	95
1964 ...	493,408	1,912	1,601	142	69	101
1965 ...	532,147	2,030	1,698	150	74	108

Sources: U. S. Department of Commerce, Survey of Current Business, August 1966, for national and state data; First National Bank of Hawaii, Department of Economic Research for county data.

Table 24 -- PERSONAL INCOME BY MAJOR SOURCES, HAWAII: 1948 TO 1965
(in millions of dollars)

Year	Total personal Income	Wage and salary disbursements	Other labor income	Proprietors income	Property income	Transfer payments	Less Personal contributions for social insurance
1950	692	508	16	64	74	41	12
1951	793	595	17	84	76	35	15
1952	865	649	18	99	78	36	15
1953	896	672	22	91	89	38	17
1954	908	665	24	90	102	43	16
1955	972	705	28	95	114	46	16
1956	1,041	756	30	104	122	47	17
1957	1,114	812	32	109	130	52	21
1958	1,178	870	32	114	131	56	24
1959	1,315	974	33	126	149	62	29
1960	1,478	1,081	33	142	187	66	31
1961	1,598	1,148	38	158	210	76	32
1962	1,680	1,214	40	164	217	85	39
1963	1,776	1,278	44	179	233	89	46
1964	1,912	1,394	49	174	253	93	49
1965	2,030	1,477	54	179	272	100	53

Source: U. S. Department of Commerce, U. S. Office of Business Economics, U.S. Personal Income by Major Sources 1948 - 1965. Tabulation for Hawaii.

COST OF LIVING

The Honolulu Consumer Price Index measures the change in cost for a "market basket" of goods and services customarily purchased by families of wage earners and clerical workers in Honolulu. Components of the "market basket" are determined by the Bureau of Labor Statistics, U. S. Department of Labor, in conformance with standard practices used for urban areas throughout the country.

Since December 1963, Honolulu has been included in the cities surveyed by the Bureau of Labor Statistics in the determination of the national average cost of living index. The December 1963=100 base has been used since that time. In prior years, the Department of Labor and Industrial Relations published a quarterly consumer price index and food index for Honolulu with a December 1943=100 base.

The Western Regional Office of the Bureau of Labor Statistics publishes a monthly comparison of prices for selected food items in Honolulu, San Francisco, Los Angeles and Portland.

It should be emphasized that consumer price indexes for each city show only how prices have changed in that city since a certain date. They are not intended to be used to measure differences in living costs between cities.

The Federal Civil Service Commission surveys Federal workers periodically in areas where cost of living allowances traditionally have been paid. They evaluate typical expenses in these locations with those in Washington, D. C.

Table 25 -- COMPARISON OF COST OF LIVING FOR HONOLULU
AND OTHER CITIES WITH WASHINGTON, D. C.:
1962, 1964, AND 1965

Location	1962	1964	1965
Washington, D. C.	100.0	100.0	100.0
Honolulu, Hawaii	114.9	115.8	114.1
San Juan, Puerto Rico	112.3	104.5	105.8
St. Croix, Virgin Is.	--	104.5	101.9
St. Thomas, Virgin Is.	115.3	106.3	104.4
Anchorage, Alaska	143.2	137.8	NS ¹
Fairbanks, Alaska	146.5	142.4	NS
Juneau, Alaska	132.8	129.3	NS

1. Not surveyed in 1965.

Source: U. S. Civil Service Commission, various studies on living costs for Federal employees in "white collar" classifications.

Table 26 -- CONSUMER PRICE INDEXES FOR HONOLULU AND U. S. CITIES AVERAGE:
 1950 TO 1965
 (Dec. 1963 = 100)

Year	All Items		Food at home	
	Honolulu	All cities	Honolulu	All cities
1950	71.3	77.9	72.5	84.0
1951	75.6	84.1	79.1	93.4
1952	77.8	86.0	82.0	95.2
1953	78.6	86.9	81.0	93.3
1954	79.3	87.0	81.4	92.9
1955	80.4	86.7	82.2	91.0
1956	81.5	88.0	82.5	91.5
1957	84.1	91.1	83.8	94.5
1958	88.0	93.6	88.8	98.7
1959	89.7	94.3	90.6	96.2
1960	91.8	95.8	93.2	96.9
1961	94.1	96.8	95.1	97.9
1962	96.7	98.0	97.3	98.5
1963	99.8	99.2	100.2	99.8
1964	100.3	100.5	100.8	101.0
1965	102.1	102.1	103.7	103.4

Source: United States data from Bureau of Labor Statistics, Monthly Labor Review (base shifted to Dec. 1963 = 100 by Department of Planning and Economic Development); Honolulu 1950 to 1963 from Hawaii State Department of Labor and Industrial Relations, State of Hawaii, monthly releases (average and base shifted by DPED); Honolulu 1964-1965 from Bureau of Labor Statistics, CPI Monthly Report.

TAXES AND GOVERNMENT EXPENDITURES

Hawaii's tax structure has many features which provide a favorable tax climate for industry and investment. All major taxes are State administered and collected. There are no multiple local taxes, no personal property taxes, no special levies for school districts, etc. Real property tax rates, set by the county governments, are levied on a uniform statewide assessment ratio and administered under a statewide property reappraisal program.

Hawaii's per capita tax payment for state and local governments of \$297 in 1965 ranked eighth among the states. However, when per capita tax is measured as a percent of per capita income, Hawaii ranks 18th among the states.

Information on taxes and tax collections in Hawaii can be obtained from the Department of Taxation. Publications of the Department of Taxation include the monthly and annual reports of Tax Base for Certain Taxes, Hawaii Income Patterns, and Outline of Hawaii's Tax System. The Department of Planning and Economic Development publishes a brief resume of the tax laws in Hawaii's Tax Climate.

Government expenditures and Federal grants are reported annually by the Department of Accounting and General Services, the Department of Budget and Finance, County auditors, and the U. S. Department of Commerce.

A convenient compilation of information on these subjects is the publication, Government in Hawaii, A Handbook of Financial Statistics, published annually by the Tax Foundation of Hawaii, a privately-supported, non-profit organization.

Table 27 -- PER CAPITA STATE AND LOCAL GOVERNMENT TAXES IN
HAWAII: 1958 TO 1965

Year	Per capita tax collections		Per capita tax as a percent of per capita income	
	Amount	State Rank ¹	Percent	State Rank ¹
1958 ...	\$213.34	5	11.7%	3
1959 ...	235.43	5	12.7	1
1960 ...	238.62	7	11.3	7
1961 ...	259.81	4	11.3	11
1962 ...	265.66	5	11.3	10
1963 ...	255.99	14	10.7	18
1964 ...	272.01	11	11.0	17
1965 ...	297.17	8	11.3	18

1. Hawaii's rank among the 50 states and the District of Columbia.

Sources: U. S. Department of Commerce: State Tax Collections, and Government Finances; Survey of Current Business; Department of Budget and Finance, State of Hawaii.

Table 28 -- TAX COLLECTIONS IN HAWAII BY THE FEDERAL, STATE AND COUNTY GOVERNMENTS: 1951 TO 1965
(in millions of dollars)

Year ¹	Total	Federal	State of Hawaii	Counties
1951 ...	173.9	98.0	71.5	4.3
1952 ...	216.5	135.0	76.8	4.6
1953 ...	218.1	136.3	76.7	5.0
1954 ...	219.7	136.2	78.3	5.3
1955 ...	210.8	126.3	79.1	5.4
1956 ...	231.6	140.7	85.4	5.5
1957 ...	253.9	154.3	93.8	5.8
1958 ...	287.2	166.3	114.6	6.3
1959 ...	314.3	175.2	132.7	6.4
1960 ...	372.0	216.9	148.2	6.8
1961 ...	414.0	242.3	164.3	7.3
1962 ...	453.0	272.2	172.8	8.0
1963 ...	454.6	271.2	175.3	8.2
1964 ...	493.3	293.4	191.3	8.6
1965 ...	507.7	255.8	212.8	9.2

1. Data are for fiscal years ending June 30.

Sources: Department of Accounting and General Services, Department of Taxation; Finance Department, City and County of Honolulu; and County Auditors.

Table 29-- PER CAPITA DIRECT EXPENDITURE BY STATE AND LOCAL GOVERNMENTS IN HAWAII: 1960 TO 1965

Year	All expenditures	Hawaii's ranking among states	Public school	Higher education	Highways	Health and welfare
1960 ...	\$372.06	6	\$108.01	-	\$40.82	59.81
1961 ...	414.80	5	127.57	-	40.50	60.74
1962 ...	426.93	5	132.42	-	37.73	60.14
1963 ...	460.30	5	105.79	40.45	39.84	71.43
1964 ...	491.55	5	108.78	38.59	46.26	74.16
1965 ...	494.40	5	117.57	40.79	50.99	78.92

1. Total includes expenditures for police and fire protection, general control, interest on debt and other expenditures.

2. Hawaii's rank in total per-capita expenditures in ranking of all states and the District of Columbia.

3. Includes amount spent for higher education.

Source: U. S. Department of Commerce, Governmental Finances, for years shown.

Table 30 -- FEDERAL GRANTS TO HAWAII FOR SELECTED PURPOSES: 1955 TO 1965
(in thousands of dollars)

Year	Total	Airports	Education	Health ¹	Highways	Public Welfare ²	School Construction
1955 ...	18,615	83	2,057	1,823	3,045	3,684	1,388
1956 ...	19,766	166	1,993	1,546	2,583	3,667	2,031
1957 ...	20,136	246	2,462	1,704	3,104	3,723	1,134
1958 ...	28,930	29	2,804	2,287	3,513	3,818	1,686
1959 ...	31,371	254	3,982	2,187	4,380	4,132	2,044
1960 ...	42,776	2,146	6,604	2,431	4,379	3,946	2,331
1961 ...	46,510	532	7,631	2,986	4,207	3,443	2,719
1962 ...	53,511	1,169	8,111	2,132	4,352	5,123	1,078
1963 ...	59,556	1,231	11,902	3,864	6,625	6,174	1,335
1964 ...	58,366	309	12,134	3,161	8,610	6,584	396
1965 ...	58,563	2,075	13,844	2,916	11,051	6,032	201

1. Includes grants for hospital construction, public health and Hansen's Disease.

2. Includes grants for dependent children, old-age assistance and other welfare.
Does not include assistance to veterans.

Source: Department of Accounting and General Services, State of Hawaii, reports of the State Comptroller.

FINANCE AND BANKING

A tremendous increase in investments in Hawaii by mainland United States and foreign capital has taken place during the past few years. Insurance company investments, for example, doubled between the years 1959 and 1964.

Stocks and bonds are traded actively in Hawaii. Six members of the New York Stock Exchange have offices in Honolulu. Representatives of Japanese and other foreign investments companies operate in Honolulu. The value of stocks traded on the Honolulu Stock Exchange in 1965 was \$15 million. Trading in mainland stocks is many times this amount.

Hawaiian banking laws allow branch banking. The seven banks in Hawaii have a total of 123 branch facilities throughout the state and in the Pacific area. Permissive legislation recently enacted by the State legislature allows banks to perform trust functions. One trust company and bank merged in 1966; others may follow suit.

All banks and other financial institutions operating in Hawaii come under the regulations of the Department of Regulatory Agencies, Bank Examination Division. Insurance companies—including domestic (Hawaiian-based), foreign (mainland U. S.) and alien (non-United States)—come under the jurisdiction of the Department of Regulatory Agencies, Insurance Division.

These two divisions are the primary sources of information for statistics on banking, insurance and other financial operations in Hawaii.

Table 31 -- MORTGAGES ON HAWAIIAN REAL ESTATE HELD BY SELECTED TYPES
OF INSTITUTIONS: 1950 AND 1960 TO 1965

Year (Dec. 31)	Total	Com- mercial banks	Savings and loan associ- ation	Insur- ance compa- nies	State retire- ment fund	Finance compa- nies	Trust compa- nies
1950 ...	129.7	84.7	39.9	0.7	0.2	0.4	3.8
1960 ...	535.1	203.1	185.0	110.0	27.0	5.5	4.4
1961 ...	616.7	203.6	209.0	159.9	34.7	6.4	3.1
1962 ...	680.7	220.9	229.2	181.3	39.3	7.4	2.6
1963 ...	812.2	226.3	312.8	218.5	42.2	9.7	2.7
1964 ...	949.8	249.3	377.2	261.3	43.8	15.7	2.4
1965 ...	1,073.6	259.4	423.6	321.4	50.9	16.4	2.0

Source: Department of Regulatory Agencies, Bank Examination Division and Department of Budget and Finance, Employee Retirement System.

Table 32 --COMMERCIAL BANKS IN HAWAII, DEPOSITS AND ASSETS: 1950 TO 1965

Year (Dec. 31)	Number of banks	Number of branches	Total deposits	Time deposits	Demand deposits	Other deposits	Total assets
			(in millions of dollars)				
1950 ...	4	40	385	188	120	76	409
1958 ...	5	68	563	196	220	146	609
1959 ...	6	73	668	214	267	187	726
1960 ...	7	87	743	233	275	235	813
1961 ...	7	95	805	266	287	252	887
1962 ...	7	111	844	305	296	243	936
1963 ...	7	114	853	331	312	210	948
1964 ...	7	118	908	350	335	222	1,036
1965 ...	7	123	1,005	394	373	238	1,155

Source: Department of Regulatory Agencies, Bank Examination Division.

Table 33 -- SAVINGS AND LOAN ASSOCIATIONS AND TRUST COMPANIES IN HAWAII: 1940, 1950, 1958 TO 1965

Year (Dec. 31)	Savings & Loan Associations			Trust companies	
	Number	Investment shares	Total assets	Number	Total assets
		(in millions)			(in millions)
1940 ...	10	\$ 7	\$ 8	5	\$13
1950 ...	10	39	47	5	20
1958 ...	11	137	156	5	23
1959 ...	10	158	183	5	24
1960 ...	10	175	210	5	23
1961 ...	13	206	243	5	27
1962 ...	16	242	288	5	25
1963 ...	16	299	302	5	27
1964 ...	18	346	430	5	26
1965 ...	17	378	482	5	32

Source: Department of Regulatory Agencies, Bank Examination Division.

Table 34 -- INDUSTRIAL LOAN COMPANIES IN HAWAII: 1940, 1950, 1958 TO 1965

Year (Dec. 31)	Number of companies licensed	Total loans (in millions)	Selected assets				
			Selected mortgage loans	Retail installment contracts	Charac- ter loans	Collateral loans	Other
1940 ...	31	\$ 5.8	\$ 0.2	\$ 2.4	\$ 1.6	\$ 0.8	\$ 0.8
1950 ...	40	14.2	0.4	6.1	2.0	3.1	2.5
1958 ...	96	47.8	1.6	18.8	8.7	12.0	7.0
1959 ...	114	55.0	4.1	19.1	13.0	12.0	6.8
1960 ...	124	74.5	5.5	27.8	14.3	15.9	11.1
1961 ...	143	80.4	6.4	29.2	17.2	17.1	10.4
1962 ...	166	85.8	7.5	25.8	23.7	18.6	10.1
1963 ...	162	95.4	9.7	23.6	27.6	19.2	15.2
1964 ...	171	115.6	15.7	27.9	32.0	26.8	13.2
1965 ...	173	139.5	16.4	28.5	33.1	34.4	27.2

Source: Department of Regulatory Agencies, Bank Examination Division

PUBLIC UTILITIES

The use of telephones, gas and electricity have continued to increase with the rapid expansion of population and economic development in Hawaii.

Electric power throughout the state is supplied by six commercial power companies—Hawaiian Electric Co.; Hilo Electric Co.; Kauai Electric Co.; Lahaina Light and Power Co.; Maui Electric Co.; and Molokai Electric Co. In addition, some plantations and military installations generate and distribute their own power.

Hawaii has no natural gas supply, but manufactured gas is used extensively in the state. Metered gas is available in many urban areas and bulk or cylinder propane gas is used elsewhere. Gas is supplied by the Honolulu Gas Company and its Isle Gas Division.

Telephone service throughout the state is furnished by the Hawaiian Telephone Company. Dial service is available on each of the islands. Radio telephone service is used between the islands; undersea cables provide transpacific service to the mainland U. S., Pacific areas and the Far East.

Satellite communications systems are available, through the military SAT-COM system and the commercial COMSAT system, both of which have ground stations in Hawaii. Hawaiian Telephone is one of the six companies participating in COMSAT.

All public utilities operate under the regulations of the Public Utilities Commission, Department of Regulatory Agencies. The Commission and the utility companies are the major sources of information on rates and usage within the state.

Bus and taxi service and rates also are under the jurisdiction of the Public Utilities Commission. Information on services and rates and other transportation statistics are available through the Commission.

Table 35 -- ELECTRICITY GENERATED IN HAWAII, BY COMPANY: 1960 TO 1965
(in million KWH)

Year	State Total	Hawaiian Electric	Maui ¹ Electric	Lahaina Light & Power	Molokai Electric	Hilo ² Electric	Kauai Electric
1960 ...	1,810.2	1,550.3	98.2	6.9	12.2	96.5	46.1
1961 ...	1,998.6	1,718.1	104.7	7.2	12.1	106.2	50.3
1962 ...	2,205.7	1,895.6	113.8	7.9	12.6	121.2	54.6
1963 ...	2,340.9	2,028.4	108.7	10.3	12.9	122.8	57.8
1964 ...	2,569.2	2,218.4	130.1	11.6	14.8	131.7	62.6
1965 ² ...	2,757.7	2,370.0	135.4	15.1	14.2	156.1	66.9

1. Includes Hana Electric Company which merged with Maui Electric Company in 1965.

2. Includes Kona Light and Power Company which merged with Hilo Electric Company in 1956.

Source: Department of Regulatory Agencies, Public Utilities Commission.

Table 36 -- GAS SALES IN HAWAII, BY COUNTY: 1955 TO 1965
(in thousand therms)

Year	State	City-County of Honolulu		Hawaii County ¹	Kauai County	Maui County
		Meter	Other			
1955 ...	13,517	13,101	-	416	-	-
1956 ...	15,952	13,468	787	1,125	258	314
1957 ...	16,432	13,698	1,026	1,032	330	346
1958 ...	16,815	14,094	995	1,080	283	363
1959 ...	17,451	14,399	1,125	1,213	318	396
1960 ...	18,978	15,354	1,184	1,331	361	447
1961 ...	20,832	16,210	2,111	1,574	431	505
1962 ...	22,594	17,548	2,355	1,600	514	576
1963 ...	23,663	18,249	2,463	1,709	563	679
1964 ...	24,912	19,111	2,655	1,866	650	731
1965 ...	26,123	19,711	2,830	1,969	743	870

Source: Department of Regulatory Agencies, Public Utilities Commission

Table 37 -- NUMBER OF TELEPHONES IN SERVICE IN HAWAII, BY ISLAND: 1955 TO 1965

Year (Dec. 31)	State Total	Island					
		Oahu	Hawaii	Maui	Kauai	Molokai	Lanai
1955 ...	143,063	114,678	13,118	8,161	5,701	895	510
1956 ...	154,212	123,888	13,830	8,615	6,422	937	520
1957 ...	166,385	133,766	14,686	9,393	7,068	951	521
1958 ...	176,750	143,189	15,181	9,683	7,186	1,011	500
1959 ...	191,373	156,291	16,047	9,994	7,473	1,064	504
1960 ...	208,411	171,793	16,603	10,502	7,949	1,052	512
1961 ...	221,599	183,401	17,491	10,793	8,324	1,072	518
1962 ...	233,680	193,570	18,338	11,348	8,760	1,125	539
1963 ...	247,629	205,342	19,309	12,161	9,063	1,195	559
1964 ...	265,793	220,939	20,326	12,927	9,761	1,267	573
1965 ...	283,689	236,006	21,719	13,822	10,244	1,313	585

Source: Hawaiian Telephone Company.

Table 38 -COMPARATIVE MONTHLY BILLINGS FOR ELECTRIC COMPANIES IN HAWAII, BY COUNTY
(effective rates for selected rate schedules, June 15,1966)

County Served	HONOLULU	HAWAII	KAUAI	MAUI				
	Haw'n Elec.	Hilo Elec.	Kauai Elec.	Maui Elec.	Lanai Div.	Hana Div.	Lahaina L & P	Molokai Elec.
<u>Utility Company</u>								
<u>Residential Service</u>								
Minimum Bill	\$ 1.40	\$ 2.50	\$ 1.50	\$ 1.22	\$ 1.22	\$ 2.00	\$ 1.20	\$ 2.25
50 KWH	3.02	4.59	3.48	3.39	3.50	4.87	3.15	5.05
100 "	4.79	6.82	5.96	5.35	5.59	7.99	5.10	8.05
300 "	9.46	14.26	12.89	10.60	11.37	15.67	10.31	14.25
500 "	13.33	19.24	18.82	15.25	16.55	21.43	14.98	19.85
750 "	18.16	24.66	26.23	21.06	23.02	28.63	20.82	26.85
1000 "	23.00	30.08	33.65	26.88	29.49	35.84	26.65	33.85
<u>General Lighting</u>								
Minimum Bill	\$ 1.40	\$ 2.50	\$ 3.00	\$ 1.22	\$ 1.22	\$ 2.50	\$ 3.00	\$ 2.50
100 KWH	6.38	8.61	7.09	8.64	8.86	10.37	8.08	12.70
500 "	26.46	35.34	27.05	36.43	37.61	40.33	25.49	48.71
750 "	38.36	50.79	37.65	50.30	52.08	56.18	34.88	68.72
1000 "	50.18	66.25	48.25	64.17	66.56	72.03	43.26	88.72
3000 "	117.31	144.90	118.06	163.12	170.32	177.23	101.34	218.77
5000 "	176.46	208.56	182.87	258.07	270.09	275.23	156.42	318.82
7500 "	245.89	275.62	246.38	376.76	394.80	383.98	225.27	443.88
10000 "	312.33	342.69	309.90	495.45	519.51	492.73	294.12	568.94
<u>Comm'l Cooking and Refrigeration</u>								
Minimum Bill	\$ 3.00	\$ 2.50	\$ 3.00	\$ 3.00	\$ 3.00	\$ 2.50	\$ 3.00	\$ 3.00
100 KWH	4.06	6.68	7.09	5.78	5.93	10.37	8.08	5.00
200 "	7.62	11.37	12.83	10.43	10.82	19.01	12.93	10.00
500 "	14.15	22.41	27.05	21.37	22.48	40.33	25.49	25.01
750 "	18.49	30.37	37.65	30.49	32.20	56.18	34.88	33.77
1000 "	22.84	36.93	48.25	39.61	41.92	72.03	43.26	42.52

Source: Department of Regulatory Agencies, Public Utilities Commission.

TRANSPORTATION

Because of its mid-Pacific location, Hawaii's transportation is particularly important to the economy of the state.

Far-reaching technological changes have occurred in both air and sea transportation over the past decade. Jet aircraft have reduced flight time across the Pacific almost in half; reduced fares and increased visitor travel have greatly increased the number of flights. In 1965, Honolulu International Airport, ranked as the 16th busiest airport in the nation with an average of 790 aircraft operations a day.

Containerization and use of ships especially designed for specific cargo have made important changes in the ocean shipping industry in Hawaii. American and foreign shipping lines bring passengers and cargo to Hawaii from ports throughout the world. There were more than 1,900 ocean-going ship arrivals in Honolulu Harbor in 1965.

Within the state, travel between the islands is almost entirely by air. Two intra-state airlines provide jet service between major points in each county. Air taxi and charter services are also available and plans for an inter-island passenger and car ferry service are being pursued.

Modern highways link major destination areas on all the islands. Scheduled bus service is available on Oahu; chartered bus service is available on the other islands.

Primary sources of information concerning transportation are the three divisions of the Department of Transportation: Airports Division, Harbors Division, Highways Division and the Public Utilities Commission. The major air and ocean carriers have extensive statistical data on traffic between different points; some of this information is made available for specific purposes at their discretion.

Information on bus services and rates can be obtained from the Public Utilities Commission, Department of Regulatory Agencies.

Table 39 -- ARRIVALS AND DEPARTURES OF OVERSEAS VESSELS,
PORT OF HONOLULU: 1960 TO 1965

Year ending June 30	Number of vessels			INWARD		OUTWARD	
	Total	United States	Foreign	Cargo tons	Passengers	Cargo tons	Passengers
1960 ...	1,411	1,066	345	3,120,416	43,862	911,154	37,041
1961 ...	1,518	1,110	408	4,168,411	35,700	1,289,723	38,402
1962 ...	1,818	1,082	736	4,348,028	36,781	1,349,714	30,144
1963 ...	1,799	1,126	873	3,925,209	35,136	1,350,289	27,624
1964 ...	2,064	1,053	1,011	4,585,585	30,738	1,457,873	25,439
1965 ...	1,948	1,166	782	5,295,505	29,868	1,633,726	24,122

Source: Department of Transportation, Harbors Division, Annual Reports, for years 1960 through 1962 and Shipping Information for years 1963 through 1965.

Table 40 -- AIRCRAFT OPERATIONS AT HONOLULU INTERNATIONAL AIRPORT:

1950 AND 1958 TO 1965

Year ending June 30	Total operations	Air carrier	General aviation	Military
1950 ...	161,234	45,190	109,337	6,707
1958 ...	279,515	95,860	32,416	151,239
1959 ...	262,596	87,719	36,816	138,061
1960 ...	266,254	87,985	42,264	136,005
1961 ...	254,435	79,337	50,100	124,998
1962 ...	267,188	78,014	68,383	120,791
1963 ...	255,855	83,701	61,462	110,692
1964 ...	265,179	87,854	63,872	113,453
1965 ...	277,377	94,139	77,992	105,256
1966 ...	293,208	92,434	92,817	107,957

Source: Department of Transportation, Airports Division. Honolulu International Airport Aircraft Operations Summary for years shown.

Table 41 -- HAWAII STATE AIRPORTS, PASSENGERS, CARGO AND MAIL:

1962 TO 1966

Year ending June 30	Number of passengers	Cargo (in pounds)	Mail (in pounds)
1962 ...	969,957	28,101,558	1,355,184
1963 ...	1,020,051	29,380,070	1,524,699
1964 ...	1,237,704	38,089,217	1,904,302
1965 ...	1,434,897	41,075,669	2,139,863
1966 ...	1,644,202	38,649,540	9,115,060 ¹

1. All third and fourth class mail airmailed after October 9, 1965.

Source: Department of Transportation, Airports Division, Inter-Island Revenue Passenger, Cargo, Air Mail Summary for fiscal years shown.

Table 42 -- HONOLULU INTERNATIONAL AIRPORT, PASSENGERS AND CARGO:

1963 TO 1966

Year ending June 30	Number of passengers			Cargo (in millions of pounds)		
	Total	Inter-island	Over-seas	Total	Inter-island	Over-seas
1963 ...	2,150,122	854,093	1,296,029	71.7	25.9	45.8
1964 ...	2,470,296	996,949	1,473,347	77.9	30.2	47.7
1965 ...	2,920,042	1,151,704	1,768,338	108.5	31.8	76.7
1966 ...	3,403,184	1,317,025	2,086,159	144.6	29.3	115.3

Source: Department of Transportation, Airports Division, Honolulu International Airport, Revenue Passenger, Cargo, Air Mail Summary for fiscal years shown.

Table 43 --TOTAL PASSENGER CAR REGISTRATIONS IN HAWAII, BY ISLAND: 1950 TO 1965

Year (Dec. 31)	State of Hawaii	Hawaii	Kauai	Lanai	Maui	Molokai	Oahu
1955....	153,451	15,648	8,522	NA	12,378 ¹	NA	116,873
1956....	159,926	16,112	8,607	NA	12,624 ¹	NA	122,583
1957....	168,783	16,728	9,025	NA	12,932 ¹	NA	130,098
1958....	173,744	16,753	8,993	516	11,525	981	134,902
1959....	184,076	17,014	9,069	490	11,774	1,099	144,546
1960....	199,829	18,100	9,423	506 ²	12,125 ²	1,162 ²	158,513
1961....	212,650	18,398	9,831	521	12,989	1,173	169,738
1962....	225,086	19,357	10,343	562	13,534	1,213	180,077
1963....	237,422	20,324	10,774	636	14,072	1,288	190,328
1964....	254,249	21,495	11,237	668	14,725	1,343	204,781
1965....	273,559	22,797	11,767	698	16,183	1,394	220,720

1. County of Maui total; includes Lanai and Molokai.

2. Estimated from county totals.

Source: Department of Transportation, Highway Planning Section. Data for Lanai and Molokai from Honolulu Automobile Club. Includes taxable and non-taxable vehicles.

Table 44 -- NUMBER OF MILES OF HIGHWAYS IN HAWAII, BY ISLAND:
1958 TO 1965

Year (Dec. 31)	State of Hawaii	Hawaii	Kauai	Lanai	Maui	Molokai	Oahu
1958	3,056	1,226	288	49	462	81	950
1959	3,067	1,226	288	49	463	81	960
1960	3,092	1,232	288	49	463	81	979
1961	3,120	1,239	288	49	465	81	998
1962	3,160	1,242	292	50	471	81	1,024
1963	3,184	1,256	294	50	474	81	1,029
1964	3,247	1,295	296	50	475	81	1,050
1965	3,309	1,311	296	50	492	82	1,078

Source: Department of Transportation, Highway Planning Section. Includes Federal, state and county roads, city streets and National Park Service roads.

VISITOR INDUSTRY

Tourism continues to be one of Hawaii's most rapidly growing industries and a major source of income to the state. In 1965, a record 606,000 visitors stayed overnight or longer in Hawaii. About 45 percent of these visitors traveled to one or more of the neighbor islands. One million visitors annually are expected by 1970.

Statistics on visitors, their origin, mode of travel, length of stay, destination areas, expenditures and other characteristics are collected and reported by the Research Department of the Hawaii Visitors Bureau. Statistics on hotel units, occupancy rates and a Visitor Plant Inventory of current and planned hotel units are published also by the Bureau.

Information on the development of new visitor facilities and destination areas and economic studies relating to tourism are available in the Department of Planning and Economic Development. A collection of reports and studies of the visitor industry are kept in the Department's library.

The Visitor Satisfaction Program of the Department of Transportation distributes maps of Hawaii and maintains information booths at the major airports in the state.

Table 45 -- OVERNIGHT VISITORS AND TOTAL PASSENGERS TO HAWAII,
BY COUNTY: 1930 TO 1965

Year	Visitors Overnight or Longer			Total passengers to Hawaii
	State of Hawaii	Hawaii County	Kauai County	
1930 ...	18,651	NA	NA	NA
1940 ...	25,373	NA	NA	NA
1950 ...	46,593	NA	NA	NA
1951 ...	51,565	23,000	12,900	14,300
1952 ...	60,539	27,000	15,000	16,700
1953 ...	80,346	31,000	19,000	21,000
1954 ...	91,289	36,000	23,000	24,000
1955 ...	109,798	44,000	30,000	26,000
1956 ...	133,815	50,000	35,000	29,000
1957 ...	168,829	59,000	41,200	32,000
1958 ...	171,588	NA	NA	NA
1959 ...	243,216	77,000	51,800	43,400
1960 ...	296,517	91,000	73,500	61,800
1961 ...	319,807	97,000	77,400	67,500
1962 ...	362,145	96,200	85,150	78,000
1963 ...	429,140	102,000	104,000	98,000
1964 ...	508,870	126,000	134,000	131,000
1965 ...	606,010	162,000	164,000	168,000

Source: Hawaii Visitors Bureau, Annual Research Reports and records.

Table 46 -- HOTEL UNITS IN HAWAII, BY ISLAND: 1946 TO 1966

Year (Dec. 31)	Total	Oahu		Hawaii Island	Kauai Island	Maui Island	Molokai and Lanai
		Waikiki	Other				
1946 ...	1,572	652	354				
1947 ...	1,958	1,038	354				
1948 ...	1,958	1,038	354				
1949 ...	1,980	1,038	354				
1950 ...	2,003	1,061	354				
1951 ...	2,197	1,243	354				
1952 ...	2,412	1,434	354				
1953 ...	2,925	1,858	354				
1954 ...	3,101	2,018	354				
1955 ...	4,115	2,870	430				
1956 ...	4,327	3,070	430				
1957 ...	4,754	3,447	430				
1958 ...	5,494	4,024	430				
1959 ...	6,802	5,152	505				
1960 ...	9,522	7,151	967				
1961 ...	10,193	7,753	967				
1962 ...	10,915	8,131	967	692	596	488	41
1963 ...	11,403	8,383	820	742	596	821	41
1964 ...	12,903	9,013	1,018	865	776	1,190	41
1965 ...	14,575	9,530	1,353	1,368	860	1,423	41
1966 ¹ ...	16,820	10,445	2,075	1,606	1,043	1,610	41

1. Estimated hotel units for September 1, 1966.

Source: Hawaii Visitors Bureau, Annual Research Reports. Comparable data are not available for the neighbor islands prior to 1962.

Table 47 -- PERCENTAGE OF OCCUPANCY OF HOTEL ROOMS IN HAWAII, BY ISLAND: 1959 TO 1965

Year (Dec. 31)	Waikiki		Hawaii Island	Kauai Island	Maui Island
	Large ¹	Other			
1959 ...	88.5	87.8	NA	NA	NA
1960 ...	82.4	68.2	NA	NA	NA
1961 ...	69.7	70.4	NA	NA	NA
1962 ...	75.8	72.6	68.0	64.4	67.3
1963 ...	79.2	75.6	69.6	65.4	62.7
1964 ...	72.8	76.2	70.4	72.3	65.9
1965 ...	82.6	81.6	71.9	71.0	63.9

1. One hundred rooms or more.

Source: Hawaii Visitors Bureau, annual reports. Breakdown of occupancy rates are available by major visitor destination area on a monthly basis in Hawaii Visitor Bureau monthly reports.

Table 48 -- ESTIMATED VISITOR EXPENDITURES IN HAWAII, BY COUNTY:
1950 TO 1965 (in millions of dollars)

Year	State of Hawaii	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950 ...	24.2	NA	NA	NA	NA
1951 ...	29.0	27.0	1.3	0.3	0.4
1952 ...	32.8	30.5	1.5	0.45	0.4
1953 ...	42.6	39.7	1.7	0.7	0.5
1954 ...	48.9	45.2	2.2	0.9	0.6
1955 ...	55.0	50.5	2.6	1.3	0.6
1956 ...	65.0	59.4	3.2	1.6	0.8
1957 ...	77.6	70.9	3.8	2.0	0.9
1958 ...	82.7	76.8	3.5	1.7	0.7
1959 ...	109.0	98.2	5.6	3.7	1.5
1960 ...	131.0	113.2	9.2	6.3	2.3
1961 ...	137.0	118.7	8.5	6.4	3.4
1962 ...	154.0	135.6	6.8	6.7	4.9
1963 ...	186.0	158.3	9.3	9.1	9.3
1964 ...	225.0	186.6	13.6	12.1	12.7
1965 ...	265.0	216.4	17.5	14.8	16.3

Source: Hawaii Visitors Bureau, records.

Table 49 -- PROJECTED VISITOR EXPENDITURES IN HAWAII, BY COUNTY:
1966 TO 1970 (in millions of dollars)

Year	State Total	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1966 ...	302.0	245.6	20.3	17.1	19.0
1967 ...	333.0	271.0	22.4	18.8	20.8
1968 ...	376.0	306.0	25.3	21.2	23.5
1969 ...	406.0	330.4	27.2	23.0	25.4
1970 ...	432.0	351.7	28.9	24.4	27.0

Source: Hawaii Visitor Bureau, research memorandum, January 17, 1966.

Table 50--INVENTORY OF EXISTING AND PLANNED HOTEL UNITS:
SEPTEMBER 1, 1966

Location	Existing units	Planned additional units	Announced completion date		
			1966	1967	No Date
State	16,820	16,273	1,412	4,388	10,473
Oahu	12,520	8,118	957	3,602	3,559
Waikiki . .	10,445	6,827	957	2,496	2,834
Other	2,075	1,831	-	1,106	725
Hawaii	1,606	4,850	58	512	4,010
Hilo	505	1,337	-	200	1,137
Kona	855	1,488	58	312	1,118
Other	246	1,755	-	-	1,775
Kauai	1,043	2,510	130	145	2,235
Maui	1,610	991	237	129	625
Wailuku-					
Kaluilui . .	486	70	37	13	20
Lahaina . .	1,041	951	200	110	605
Other	83	6	-	6	-
Molokai	33	74	30	-	44
Lanai	8	-	-	-	-

Source: Hawaii Visitors Bureau, Research Department, Visitor Plant Inventory, September 1, 1966.

Table 51 -- PROJECTED NUMBER OF OVERNIGHT VISITORS TO HAWAII,
BY COUNTY: 1966 TO 1970

Year	State Total (and Oahu)	Hawaii County	Kauai County	Maui County
1966 . . .	700,000	188,000	190,000	195,000
1967 . . .	770,000	207,000	209,000	214,000
1968 . . .	870,000	234,000	236,000	242,000
1969 . . .	940,000	252,000	255,000	261,000
1970 . . .	1,000,000	268,000	271,000	278,000

Source: Hawaii Visitors Bureau, research memorandum, January 17, 1966

AGRICULTURE

For many decades, Hawaii's agriculture has been primarily concerned with the raising of two major crops: sugar and pineapple. All other agriculture in Hawaii is classed as "diversified" agriculture. This includes production of fruit, vegetables, melons, beef and poultry, eggs, milk, honey and certain "exotic" crops such as taro, tropical flowers, macadamia nuts and coffee.

A variety of climate, ranging from hot, arid areas in some coastal sections; to humid, tropical areas and temperate mountain regions make possible a wide range of agricultural activities.

It has been estimated that Hawaii raises slightly more than half the food it needs to feed its own population plus the half-million or more annual visitors and members of the armed forces stationed here. Predicted increases in both population and the number of visitors indicate an expanded market for Hawaii's agriculture.

One of the primary sources of information on Hawaii's diversified agriculture is the Crop and Livestock Reporting Service, Department of Agriculture, which publishes the annual Statistics of Hawaiian Agriculture. The Hawaii Agricultural Experiment Station and the Cooperative Extension Service at the University of Hawaii have available information on agricultural research, production techniques and agricultural economics.

The Department of Planning and Economic Development administers product research and promotion programs for a number of promotional cooperatives. At present these include programs for Kona coffee, fresh fruits, jellies and jams, anthuriums and other tropical flowers, taro and macadamia nuts.

Table 52 -- VALUE OF MARKETINGS OF AGRICULTURAL PRODUCTS:
1955 TO 1965 (in thousands of dollars)

Year ¹	All agricultural products	Sugar products ¹	Processed pineapple products ²	Diversified crops and livestock		
				Total	Diversified crops	Livestock products
1955 ...	292,040	145,500	110,000	36,540	11,141	25,399
1956 ...	303,912	148,000	117,000	38,912	12,045	26,867
1957 ...	297,316	146,000	110,000	41,316	13,017	28,299
1958 ...	270,202	105,000	124,000	41,202	9,875	31,327
1959 ...	294,918	131,000	122,000	41,918	10,183	31,735
1960 ...	283,140	127,000	113,000	43,140	10,201	32,939
1961 ...	301,409	146,000	112,000	43,409	9,583	33,826
1962 ...	310,663	157,000	109,000	44,663	10,692	33,971
1963 ...	349,955	188,000	118,005	43,955	9,949	34,006
1964 ...	330,660	163,000	121,000	47,670	11,826	35,245
1965 ...	341,213	175,000	119,000	47,213	11,655	35,558

1. Value of raw sugar, molasses produced, and Sugar Act compliance payments.

2. Value of canned fruit, juice and industry by-products shipped out.

Source: Department of Agriculture Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture 1964 and 1965.

Table 53 -- VALUE OF MARKETINGS FOR DIVERSIFIED CROPS IN HAWAII: 1958 TO 1965 (in thousands of dollars)

Year	Total divers. crops	Vegetables and melons	Fruits	Coffee parchment	Macadamia nuts, in shell	Rice milled	Taro
1955 ...	11,141	4,191	1,209	5,001	162	98	480
1956 ...	12,045	4,384	1,255	5,613	189	77	527
1957 ...	13,017	4,377	1,278	6,548	248	66	500
1958 ...	9,875	4,643	1,390	2,961	339	53	480
1959 ...	10,183	4,355	1,324	3,488	384	40	592
1960 ...	10,201	4,577	1,315	3,202	472	40	595
1961 ...	9,583	4,809	1,653	1,886	619	36	580
1962 ...	10,692	4,897	1,488	2,985	715	33	574
1963 ...	9,949	4,838	1,731	1,744	1,062	-	574
1964 ...	11,564	4,901	1,928	3,025	1,146	-	564
1965 ...	11,336	4,952	2,019	2,280	1,495	-	590

Source: Department of Agriculture, Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture, 1964 and 1965.

Table 54 -- CASH RECEIPTS FROM MARKETINGS OF LIVESTOCK PRODUCTS IN HAWAII: 1955 TO 1965 (in thousands of dollars)

Year	Total	Cattle and calves	Hogs	Milk	Chickens and eggs	Honey and beeswax
1955 ...	25,399	7,465	3,833	7,832	6,236	33
1956 ...	26,867	7,402	3,628	8,658	7,141	38
1957 ...	28,299	8,155	3,654	8,969	7,476	45
1958 ...	31,327	9,463	3,872	9,803	8,150	39
1959 ...	31,735	10,165	3,371	9,884	7,919	36
1960 ¹ ...	32,939	9,837	3,684	10,247	9,137	34
1961 ...	33,826	9,827	3,669	10,326	9,958	46
1962 ...	33,971	9,357	3,662	10,774	10,140	38
1963 ...	34,006	9,575	3,764	10,684	9,941	42
1964 ...	35,245	9,703	3,432	11,599	10,457	54
1965 ...	35,558	9,553	3,801	12,802	9,345	57

1. Prior to 1960, data are for "commercial farms" only; from 1960 through 1965 data are for all farms.

Source: Department of Agriculture, Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture, 1964 and 1965.

Table 55 -- OVERSEAS SHIPMENTS OF COFFEE, FRUITS AND NUTS FROM HAWAII:
1955 TO 1965
(in thousands of pounds)

Year	Coffee (green)	Fresh Fruit		Processed Fruit			
		Papaya	Pineapple	Guava	Papaya	Passion fruit	Macadamia nuts
1955 ...	6,869	955	9,296	352	1,027	147	47
1956 ...	9,497	1,568	11,972	390	1,067	699	82
1957 ...	9,452	2,457	13,118	468	1,354	925	92
1958 ...	12,273	2,430	14,475	361	1,021	407	114
1959 ...	7,795	2,125	14,752	392	1,060	315	163
1960 ...	9,573	1,067	15,985	468	1,157	78	250
1961 ...	8,747	2,738	15,126	455	1,266	273	357
1962 ...	6,222	3,320	14,752	561	1,122	156	422
1963 ...	7,583	3,196	21,522	549	1,019	241	740
1964 ...	6,435	4,436	38,415	553	1,235	269	739
1965 ...	5,990	4,939	41,523	847	1,162	497	1,031

Source: Department of Agriculture, Statistics of Hawaiian Agriculture, 1964 and 1965.
Overseas shipments to mainland United States and Canada only.

Table 56 -- INSHIPMENTS OF AGRICULTURAL COMMODITIES TO HAWAII: 1955 TO 1965
(in thousands of pounds)

Year	Fresh veg. & fruit	Frozen veg. & fruit	Rice	Feeds (tons)	Dairy products	Meats	Poultry
1955 ...	40,338	2,005	63,131	97,919	8,024	22,856	5,532
1956 ...	48,450	2,382	61,087	100,434	7,716	26,295	7,112
1957 ...	48,089	2,509	57,896	100,667	8,333	25,705	7,533
1958 ...	49,710	2,361	56,666	98,338	8,342	24,452	7,948
1959 ...	47,250	2,637	48,010	95,632	8,601	28,315	8,602
1960 ...	69,234	2,613	60,387	116,172	9,278	29,156	8,878
1961 ...	70,239	2,799	59,628	102,463	10,239	32,888	10,003
1962 ...	65,145	3,472	54,636	127,129	10,129	31,506	9,346
1963 ...	80,124	4,067	55,864	124,303	10,753	41,888	10,886
1964 ...	81,339	4,237	54,613	136,687	11,272	44,362	11,773
1965 ...	80,674	4,577	54,991	124,287	10,501	47,220	12,866

Source: Department of Agriculture, Crop and Livestock Reporting Service, Statistics of Hawaiian Agriculture, Data on inshipments are prepared by the Market News Service Branch and include shipments by sea and air. Direct shipments to the armed services are excluded.

SUGAR AND PINEAPPLE

The sugar and pineapple industries have long been the dominant factors in the Hawaiian economy. Although today the visitor industry and federal expenditures exceed pineapple and sugar as the top sources of income for the state, they are still major industries. In the rural areas in particular, these two industries and their related services provide the major sources of employment.

Primary sources of information on all phases of both industries are the Hawaiian Sugar Planters Association and the Pineapple Growers Association. Each publishes an annual factbook giving acreage, production, payroll, sales and other data.

The Business Research Department of the Bank of Hawaii prepares industry figures on income to the state from sales of pineapple and sugar products. The Hawaii Employers Council maintains wage and hour series for both industries.

Table 57 -- SUGAR ACREAGE, PRODUCTION, PAYROLL AND VALUE IN HAWAII:
1950 TO 1960

Year	Acres planted in cane	Tons of cane produced	Tons of raw sugar produced	Plantation payrolls (millions)	Value (millions)
1950 ...	220,383	8,174,821	960,961	\$ 56	\$124
1951 ...	221,212	8,477,201	995,759	60	136
1952 ...	221,990	8,693,920	1,020,450	61	139
1953 ...	221,542	9,003,967	1,099,316	62	150
1954 ...	220,138	9,431,781	1,077,347	62	141
1955 ...	218,819	9,867,978	1,140,112	59	145
1956 ...	220,606	9,909,990	1,099,543	56	148
1957 ...	221,336	9,447,647	1,084,646	56	146
1958 ...	221,683	7,552,750	764,953	47	105
1959 ...	222,588	9,416,225	974,632	58	131
1960 ...	224,617	8,613,317	935,744	57	127
1961 ...	227,027	9,595,342	1,092,481	58	146
1962 ...	228,926	9,812,580	1,120,011	58	157
1963 ...	231,321	10,033,959	1,100,768	62	188
1964 ...	233,145	10,495,175	1,178,770	65	163
1965 ...	-	-	1,217,667	66	175

1. Short tons of cane used for sugar
2. Short tons of sugar converted to 96^c raw value.
3. Includes compliance payments and value of molasses.

Source: Hawaiian Sugar Planters' Association, Sugar, Hawaii's Largest Industry, 1966.

Table 58-- PINEAPPLE ACREAGE, PRODUCTION, PAYROLL AND VALUE,
IN HAWAII: 1950 TO 1965

Year	Acres planted in pineapple	Pineapple production (in thousand cases)		Annual payroll (thousands)	Value of sales (thousands)
		Fruit	Juice		
1950 ...	70,700	14,073	11,110	\$30,794	\$102
1951 ...	73,600	15,098	12,354	34,393	96
1952 ...	73,500	14,690	10,197	34,807	97
1953 ...	73,200	16,915	12,561	35,243	114
1954 ...	73,200	16,581	12,830	33,017	109
1955 ...	76,700	16,399	13,014	35,583	116
1956 ...	76,700	18,612	12,224	36,951	122
1957 ...	76,700	17,992	12,795	35,405	116
1958 ...	74,800	16,798	10,472	36,812	130
1959 ...	74,800	17,677	12,454	38,554	128
1960 ...	75,000	17,287	10,850	40,739	120
1961 ...	73,800	18,462	11,574	40,937	120
1962 ...	71,600	18,122	11,759	40,281 ¹	115
1963 ...	72,300	18,457	11,938	40,859 ¹	124
1964 ...	68,200	17,645	11,150	40,806 ¹	128
1965 ...	69,500	17,833	11,881	-	127

1. Does not include bonuses, separation payments, etc.

Source: Pineapple Growers of Hawaii, Pineapple Fact Book, 1965, and records; Bank of Hawaii, Department of Business Research.

OTHER INDUSTRIES

Other industries closely related to Hawaii's natural resources include forestry, fishing and mineral products.

Development of Hawaii's forestry resources has been the subject of extensive study by the U. S. Forest Research Center; the Department of Land and Natural Resources, Forestry Division; and the Department of Planning and Economic Development. Locally grown woods are now being used quite extensively for construction and for the manufacture of furniture, pallets, handcrafts and other goods.

Hawaii's fishing industry is quite extensive with the annual catch in 1965 valued at \$3.6 million. Research in fishery resources and methods are being carried on by the Bureau of Commercial Fisheries, Honolulu Laboratory; the Oceanic Foundation; the University of Hawaii; the State Department of Land and Natural Resources, Fish and Game Division; and the Bureau of Sport Fisheries.

Hawaii's mineral production is primarily the manufacturing of cement, the processing of sand, stone, gravel and pumice for construction purposes, and the production of lime. Black coral and olivine are found in Hawaii and fashioned into jewelry. Pink coral of gem quality has been found recently in deep waters off the coast of Molokai. Fairly extensive bauxite and titanium deposits exist in Hawaii but as yet are undeveloped.

Table 59 -- VOLUME OF SAWTIMBER ON COMMERCIAL FOREST LAND, BY SPECIES,
AND ISLAND FOR HAWAII:
1961

Species group	All islands ¹ (in millions of board feet)	Percent					
		Total	Kauai	Oahu	Molokai	Maui	Hawaii
Total	722	100.0	5.84	3.55	0.17	7.01	83.43
Ohio	377	100.0	1.63	0.57	0.00	2.06	95.73
Koa.....	121	100.0	3.55	1.39	0.00	2.91	92.15
Silk-oak and other ²	58	100.0	9.61	4.08	0.00	4.88	81.43
Eucalyptus ³ ...	165	100.0	15.78	11.73	0.75	22.04	49.70

1. No sawtimber tallied on Niihau, Lanai, or Kahoolawe.
2. Includes monkeypod.
3. Planted, mainly Eucalyptus but includes other hardwoods and conifers.

Source: Forest Resources of Hawaii, 1961, table 17.

Table 60 -- VOLUME OF MINERAL PRODUCTION IN HAWAII: 1958 TO 1963

Year	Cement ¹	Gem stones ²	Lime	Pumice (Volcanic cinder)	Sand and gravel	Stone
1958 ...	...	...	8,106 ³	257,782	438,495	2,377,073
1959 ...	...	...	...	276,065	463,124	3,033,647
1960 ...	113,000	...	...	361,000	490,000	3,535,000
1961 ...	1,076,800	...	14,306	323,978	415,729	4,429,484
1962 ...	1,128,304	...	15,243	231,922	700,196	4,071,186
1963 ...	1,482,845	...	12,056	273,851	304,367	3,844,000

1. In 376-pound barrels. Production began in 1960.
2. Weight not recorded.
3. Figures withheld to avoid disclosure of individual company data.

Source: U. S. Department of the Interior, Bureau of Mines, The Mineral Industry of Hawaii, for the years shown above.

Table 61 -- VALUE OF MINERAL PRODUCTION IN HAWAII: 1958 TO 1963
(in thousands of dollars)

Year	Total ¹	Cement	Gem Stones	Lime	Pumice (Volcanic cinder)	Sand and gravel	Stone
1958 ...	6,298	--	--	260	481	1,112	4,446
1959 ...	7,630	--	-- ²	-- ²	548	1,253	5,480
1960 ...	9,254	571	-- ²	-- ²	676	1,324	6,443
1961 ...	14,588	5,574	18	354	626	758	7,656
1962 ...	14,844	6,055	-- ²	386	380	1,122	6,883
1963 ...	15,307	7,125	36	428	469	764	6,480
1964 ...	19,605	NA	NA	NA	NA	NA	NA

1. Includes value of clays, gem stones, salt and lime which could not be reported individually.

2. Figures withheld to avoid disclosure of individual companies.

Source: U.S. Department of the Interior, Bureau of Mines, The Mineral Industry of Hawaii for the years shown.

Table 62 -- COMMERCIAL FISH LANDINGS IN HAWAII: 1950 TO 1965

Year	Weight (in thousands)	Value	Year	Weight (in thousands)	Value
1950 ...	16,218 lbs.	\$3,556	1958 ...	11,360 lbs.	\$2,632
1951 ...	19,420	3,998	1959 ...	16,580	3,179
1952 ...	13,916	3,449	1960 ...	11,136	2,705
1953 ...	18,862	3,798	1961 ...	14,450	2,903
1954 ...	20,609	3,708	1962 ...	13,170	2,819
1955 ...	15,457	3,165	1963 ...	11,757	2,682
1956 ...	16,560	3,175	1964 ...	12,702	2,849
1957 ...	10,728	2,604	1965 ...	19,602	3,603

Source: Department of Land and Natural Resources, Division of Fish and Game, Commercial Fish Landings for calendar years shown.

CONSTRUCTION

Contract construction is a major industry in Hawaii and during 1965, Honolulu ranked fifth nationally in the value of building permits issued. Only New York, Los Angeles, Houston and Chicago exceeded Honolulu in this respect according to a Dun and Bradstreet report.

In a study of all housing units authorized by each of the jurisdictions included within metropolitan areas, only 20 other metropolitan areas exceeded Honolulu -- even though Honolulu ranks 54th in population.

The value of construction put in place during 1965 totaled \$339 million, according to the Department of Taxation. During 1965, an average of 17,600 persons were employed in contract construction.

Sources of information on construction include the F. W. Dodge reports of building permits issued for private construction by the building departments of the four counties. The Department of Planning and Economic Development serves as a processing center for these reports and receives monthly and annual summaries. The value of construction put in place for the state and counties is reported monthly and annually for both fiscal and calendar years by the Department of Taxation. The value of construction contracts awarded, government and private, are reported monthly and annually by the General Contractors Association of Hawaii.

A summary of job bid schedules and construction news are published weekly by the magazine, Builders Report Pacific. A monthly construction cost index and an annual review of construction plans are published by the same company.

Table 63 -- TOTAL VALUE OF CONSTRUCTION PUT IN PLACE IN HAWAII BY COUNTY:
1958 TO 1965
(in millions of dollars)

Year	State of Hawaii	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1958 ...	174.4	162.8	7.0	1.9	2.7
1959 ...	206.8	196.8	5.5	2.4	2.1
1960 ...	268.5	255.5	5.6	2.7	4.7
1961 ...	267.3	248.2	9.1	3.7	6.3
1962 ...	257.0	232.9	12.2	4.2	7.7
1963 ...	265.2	242.5	11.2	4.6	6.9
1964 ...	302.9	277.3	12.4	4.8	8.4
1965 ...	338.6	306.8	17.0	5.4	9.4

Source: Department of Taxation, Tax Base for Certain Taxes, Year Ending December 31 for years shown.

Table 64 -- VALUE OF CONSTRUCTION CONTRACTS AWARDED IN HAWAII, BY CONTRACTING AGENCY:
1960 TO 1965
(in millions of dollars)

Year	Total	Air Force	Army	Navy	City-County of Honolulu	State of Hawaii	Misc. ¹	City Bldg. Dept. ²
1960 ...	\$281.1	1.4	22.7	7.6	38.1	20.1	83.0	98.2
1961 ...	203.3	1.8	2.9	5.1	12.2	20.4	49.9	111.1
1962 ³ ...	251.4	1.3	4.9	6.9	25.0	19.5	38.6	155.2
1963 ...	241.4	3.3	6.9	23.5	29.5	39.1	33.1	106.0
1964 ...	258.2	3.7	12.9	36.9	22.6	18.9	41.0	112.2
1965 ...	397.7	3.4	10.7	22.9	28.6	50.1	62.6	219.4

1. Includes architects, engineers, Federal Aviation Agency, Hawaii, Kauai and Maui counties and others.

2. Building structures only.

3. Bid totals from 1962 through 1965 not adjusted for bid corrections.

Source: General Contractors Association of Hawaii, Comparative Box Score, reports issued monthly.

Table 65 -- VALUE OF PRIVATE OWNERSHIP CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN HAWAII, BY COUNTY:
1960 TO 1965
(in millions of dollars)

Year	State of Hawaii	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1960 ...	134.4	124.6	4.0	1.8	4.1
1961 ...	111.7	94.2	8.6	3.6	5.2
1962 ...	157.8	141.4	7.5	2.6	6.3
1963 ...	110.4	91.5	8.4	4.3	6.1
1964 ...	138.7	109.9	14.1	6.5	8.2
1965 ...	211.4	179.4	13.1	7.2	11.7

Source: Department of Planning and Economic Development, from summaries of building permits of private ownership projects.

Table 66 -- CONSTRUCTION OF ONE AND TWO-FAMILY DWELLINGS AND APARTMENT UNITS IN HAWAII, BY COUNTY: 1960 TO 1965

Category and year authorized	The State	Hawaii County	Honolulu County	Kauai County	Maui County ¹
New one-family dwellings:					
1960	4,867	196	4,189	118	364
1961	4,113	300	3,412	120	281
1962	4,448	363	3,654	112	319
1963	4,321	441	3,352	184	344
1964	4,551	431	3,671	181	268
1965	5,480	431	4,512	202	335
New two-family dwellings:					
1960	88	10	76	2	-
1961	222	4	216	-	2
1962	176	2	170	-	4
1963	192	-	182	8	2
1964	100	-	90	-	10
1965	178	4	132	14	28
New apartments:					
1959 ²	4,373	-	4,373	-	-
1960	3,203	-	3,193	-	10
1961	2,241	24	2,146	54	17
1962 ³	3,273	10	3,182	9	72
1963	2,540	90	2,299	10	141
1964	2,917	17	2,868	4	28
1965	5,799	90	5,555	6	148
Demolition:⁴					
1960	-1,283	-202	- 939	-104	- 38
1961	-1,014	- 70	- 875	- 70	+ 1
1962	-1,828	- 79	-1,647	- 74	- 28
1963	- 880	-126	- 667	- 55	- 32
1964	-1,026	-144	- 685	-145	- 52
1965	-1,016	- 64	- 794	-136	- 22

1. Includes Kalawao County. The 1961 data are revised.

2. Excludes 498 Oahu units authorized but not built.

3. Excludes 244 Oahu units authorized but not built and 650 non-residential units in an apartment-hotel complex.

4. Residential units eliminated by demolition or conversion to other uses.

Source: Honolulu Redevelopment Agency, Redevelopment and Housing Research July 1966 from reports of City and County of Honolulu Building Department and The Departments of Public Works, Counties of Hawaii, Kauai, and Maui of building permits issued.

HOUSING

Housing in Hawaii has continued to expand to meet the needs of the rapidly increasing population. Since 1960, more than 33,000 housing units have been completed in the state.

Honolulu, although ranking 54th among metropolitan areas in population, ranked 21st in number of permits issued for housing units in 1965.

Most single-family homes are of one-story design, well adapted to the "indoor-outdoor" type of living encouraged by the year-round warm climate. Land is expensive in Hawaii, and houses are often sold on a "leasehold" basis in which the purchaser owns the home but leases the property for a set time, usually 55 to 99 years.

High-rise apartments and apartment hotels, once found only in Waikiki, are now being built throughout the state. Hawaii was the first state to permit condominium ownership and this type of housing is becoming increasingly popular.

Sources of information on housing are numerous. County Building Departments report the building permits issued for private construction. The Department of Planning and Economic Development processes these reports for the F. W. Dodge Company studies. The Honolulu Redevelopment Agency publishes an annual report, Redevelopment and Housing Research, with monthly supplements. The Bank of Hawaii issues a quarterly report, Housing Activity on Oahu. The Hawaii Housing Authority (public housing), the City-County of Honolulu's Office of the Urban Renewal Coordinator, the Housing Action Council of Hawaii, the Home Builders Association and the Honolulu Board of Realtors are among government and private agencies providing information on various aspects of housing.

Table 67 -- HOUSING UNITS IN HAWAII, BY COUNTY:
1950 TO 1965

Year (April 1)	State Total	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1950 ...	120,606	83,175	17,176	8,378	11,877
1951 ...	123,941	85,991	17,440	8,432	12,078
1952 ...	126,499	88,004	17,670	8,487	12,338
1953 ...	129,769	91,078	17,737	8,541	12,413
1954 ...	132,732	93,978	17,638	8,597	12,519
1955 ...	137,675	98,817	17,681	8,652	12,525
1956 ...	141,266	102,194	17,742	8,761	12,569
1957 ...	145,184	105,975	17,800	8,830	12,579
1958 ...	149,156	109,868	17,838	8,892	12,558
1959 ...	154,950	115,680	17,825	8,904	12,541
1960 ...	165,506	125,795	18,118	8,996	12,597
1961 ...	174,438	134,362	18,128	9,012	12,936
1962 ...	180,710	139,970	18,421	9,089	12,230
1963 ...	186,044	144,529	18,786	9,158	13,571
1964 ...	192,580	150,171	19,105	9,306	13,998
1965 ...	198,994	155,892	19,428	9,349	14,325
1966 ...	208,980	164,867	19,845	9,434	14,834

Source: Honolulu Redevelopment Agency, Honolulu Redevelopment and Housing Research July 1964 and July 1965. Estimates are for total units, (not occupied units) and include private and private housing.

Table 68 -- BUILDING PERMITS ISSUED FOR PRIVATE ONE-FAMILY DWELLINGS
IN HAWAII, BY COUNTY: 1960 TO 1965

Year	State Total	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1960 ...	4,863	4,189	197	113	364
1961 ...	4,090	3,412	291	116	271
1962 ...	4,456	3,654	363	119	320
1963 ...	4,287	3,352	422	180	333
1964 ...	4,554	3,671	420	187	276
1965 ...	5,486	4,512	431	205	338

Source: Department of Planning and Economic Development, developed from reports submitted by county building departments.

Table 69 -- SELECTED CHARACTERISTICS FOR F.H.A. HOMES IN HAWAII AND CALIFORNIA
1964

Subject	New Homes		Existing homes	
	Hawaii	California	Hawaii	California
Average term of mortgage (years)...	30.6	33.1	28.3	29.9
Median property value.....	\$24,970	\$19,528	\$25,565	\$16,595
Built-in garage (percent)	70.6	5.0	55.6	2.4
Average market price of site.....	\$ 9,058	\$ 4,692	\$ 9,226	\$ 4,574
Average area (square feet).....	1,085	1,404	1,095	1,195
Average number of rooms.....	5.2	6.3	5.1	5.4
Avg. monthly property tax.....	\$ 16.46	\$ 31.18	\$ 15.39	\$ 26.23
With basement (percent).....	1.0	1.3	1.3	0.8
Avg. cost of heating and utilities..	\$ 18.47	\$ 19.18	\$ 17.65	\$ 17.29

Source: Federal Housing Administration, FHA Homes 1964, Data for States and Selected Areas on Characteristics of FHA Operations under Section 203.

MANUFACTURING

Manufacturing in Hawaii has traditionally been dominated by sugar processing and pineapple canning. This has given rise to the Hawaiian practice of reporting sugar processing and pineapple canning as separate industries and grouping all other manufacturing together as "diversified" manufacturing.

Although pineapple and sugar processing are still extremely important, representing a great portion of Hawaiian manufacturing, there have been many additions to general manufacturing in the past decade. A petroleum refinery, two cement plants, a rolling mill for reinforcing rods, and a concrete pipe plant are among the newcomers.

In light manufacturing there are nearly 70 garment manufacturers, textile printing plants, plastics processors, furniture manufacturers and printing plants. There are many processors of food products, including Hawaiian and oriental food specialties, guava and passion fruit juice and macadamia nuts.

Primary sources of information on manufacturing in Hawaii include the Department of Planning and Economic Development; Hawaii Manufacturers Association; the Census of Manufacturers, published every five years with annual sample-based reports, by the U. S. Department of Commerce; and ES 202 reports of employment and employer contributions to employment security computed quarterly by the Department of Labor and Industrial Relations. The latter are published on a two-and three-digit basis quarterly and on a four-digit basis for one quarter each year. Employment data for manufacturing are given in the Labor and Wages section of the Data Book.

Table 70 -- MANUFACTURING IN HAWAII, SELECTED YEARS: 1958 TO 1963

Year	Number of establishments	Number of employees ¹	Payroll (\$1,000) ¹	Value added by manufacture (\$1,000)	Capital expenditures new (\$1,000)
1958 ...	609	23,896	82,249	164,861	17,181
1959 ...	NA	25,962	93,106	197,104	D
1960 ...	NA	23,456	89,391	183,244	60,595
1961 ...	NA	23,238	93,375	204,491	31,547
1962 ...	NA	22,645	94,028	198,982	14,215
1963 ...	657	24,960	106,808	254,454	16,132

D- Data withheld to avoid disclosure.

1. Total employment and total payroll.

Source: U. S. Department of Commerce, Bureau of the Census, Census of Manufacturers, 1963 MC63 (P) S12.

Table 71 -- MANUFACTURING IN HAWAII, BY INDUSTRY CLASSIFICATION: 1965

	Sic Code	Number of employing units ¹	Number of employers ¹	Annual wages ² (thousands)
Manufacturing...	-	605	24,700	\$125,498
Food products	20	220	15,504	76,109
Textiles.....	22	8	32	106
Apparel	23	68	2,261	8,181
Lumber.....	24	37	548	2,776
Furniture	25	42	522	2,369
Paper	26	7	160	814
Printing.....	27	76	2,322	13,147
Chemicals.....	28	20	473	2,985
Petroleum	29	1	213	D
Rubber & plastics ..	30	4	13	59
Leather products ...	31	12	118	465
Stone, clay & glass.	32	27	1,293	9,972
Metals, primary....	33	3	164	D
Metal products.....	34	22	545	3,094
Machinery	35	11	115	668
Electrical equip....	36	2	7	D
Transportation equip	37	9	103	783
Instruments	38	7	49	250
Miscellaneous.....	39	29	206	755

D- Data withheld to prevent disclosure.

1. Average of 12 months.

2. Total of quarterly wages reported.

Source: Department of Labor and Industrial Relations, ES 202 Report of Employment, Wages and Contributions, quarterly reports for 1965.

Table 72 -- VALUE OF MANUFACTURING IN HAWAII, FROM TAX BASE DATA: 1958 TO 1965 (in millions of dollars)

Year	Receipts from sales of manufacture ¹			Adjusted diversified manufacturing ²
	Sugar processing	Pineapple canning	"Diversified" manufacturing	
1958	67.4	107.3	103.9	119.5
1959	113.9	99.0	129.1	133.5
1960	99.1	96.9	145.7	148.7
1961	118.4	93.8	168.5	203.0
1962	135.3	99.1	158.2	240.0
1963	146.8	99.4	170.5	255.0
1964	148.1	109.8	178.8	260.0
1965	152.7	123.8	188.7	281.0

1. Data for sugar processing, **pineapple** canning and "diversified" manufacturing are "tax base" data reported by the Department of Taxation. "Diversified" manufacturing represents manufacturing other than sugar and pineapple.

2. Adjusted diversified manufacturing is the figure for "diversified" manufacturing plus the value of sales of petroleum and certain other manufactured goods which are reported under different tax classifications.

Source: Department of Taxation, Tax Base for Certain Taxes, Year Ending December 31 for years shown. Bank of Hawaii, Department of Business Research.

Table 73 -- MANUFACTURING IN HAWAII, BY COUNTY: 1963

Area	Number of establishments	Number of employees ¹	Payroll (\$1,000)	Value added by manufacture (\$1,000)	Capital expenditures new (\$1,000)
State	657	24,960	106,808	254,454	16,132
City-County of Honolulu ..	512	17,690	77,662	168,563	9,409
County of Honolulu	78	2,368	10,530	35,330	1,460
County of Kauai	23	1,770	6,611	18,644	1,313
County of Maui	44	3,132	12,005	31,917	3,950

1. Total employees and total payroll.

Source: U. S. Department of Commerce, Bureau of the Census, Census of Manufacturers, 1963. MC 63 (P) S12.

TRADE AND SERVICES

Hawaii with its 750,000 resident population, plus more than a half-million visitors each year, is a prime market for retail and wholesale trade and services. Members of the armed forces and their families stationed in Hawaii provide a constantly rotating group of "first-time" customers for Hawaiian goods and services.

In 1964, Hawaii ranked second among the 50 states in estimated per capita retail sales. Hawaiian merchants rang up a record-breaking \$1.1 billion in retail sales in 1965. Honolulu's newly enlarged multi-level Ala Moana Shopping Center is said to be the largest in the world. Smaller shopping centers are found throughout the state.

The major sources of information on retailing, wholesaling and services in Hawaii are the U. S. Census of Business: Retail Trade, Wholesale Trade and Services, published every five years, and the annual and monthly reports of "Tax base data" published by the State Tax Department. There is considerable difference in the two series and care must be taken not to use them interchangeably.

The Census is based on a mailed survey of all establishments engaged in retailing, wholesaling or services as defined in the Standard Industrial Classification system. Tax base data cover gross receipts from retailing, wholesaling and services as reported for State general excise and other taxes. In the case of multi-unit organizations, County tax base information may be reported in the district where the tax is submitted rather than where the unit is located.

Table 74 -- RETAIL TRADE, WHOLESALE TRADE AND SELECTED SERVICES
IN HAWAII FOR SELECTED YEARS: 1939 TO 1963

Year	Retail Trade		Wholesale Trade		Selected Services	
	Establishments	Sales (\$1,000)	Establishments	Sales (\$1,000)	Establishments	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
1963 ...	4,778	751,411	974	735,205	3,431	163,094

Source: U. S. Department of Commerce, Bureau of the Census, 1963 Census of Business, Retail Trade, Report BC63-RA13; Wholesale Trade, Report BC63-WA13; and Selected Services, Report BC63-SA13.

Table 75 --RETAIL ESTABLISHMENTS IN HAWAII BY KIND OF BUSINESS, BY COUNTY: 1963

Kind of Business	Number of Establishments				
	State of Hawaii ¹	City-County of Honolulu	Hawaii County	Kauai County	Maui County
All retail business.....	4,578	3,373	564	234	405
Lumber, hardware, etc..	65	52	7	2	4
General merchandise....	274	117	88	27	42
Food stores.....	858	584	114	58	102
Automotive dealers.....	151	105	22	8	16
Service stations.....	442	297	58	28	59
Apparel stores.....	398	308	43	11	36
Furniture stores.....	235	171	34	11	19
Eating, drinking places...	1,082	863	101	54	64
Drugstores.....	110	96	8	2	4
Other retail stores.....	688	544	67	30	45
Non-store retailers ²	275	236	22	3	14

1. Includes two establishments in the County of Kalawao (Kalapapa Settlement), on Molokai.

2. This category is included under "general merchandise" in the summary table.

Source: U. S. Department of Commerce, Bureau of the Census, 1963 Census of Business: Retail Trade, Hawaii Report BC 63-RA13

Table 76-- RECEIPTS FROM RETAILING, AS SHOWN IN "TAX BASE" REPORTS FOR HAWAII, BY COUNTY: 1958 TO 1965 (in millions of dollars)

Year	State	City-County of Honolulu	Hawaii County ¹	Kauai County	Maui County
1958.....	665.0	565.8	46.4	20.9	31.7
1959.....	756.0	641.2	54.1	24.5	36.2
1960.....	846.7	725.6	55.8	25.3	40.0
1961.....	859.6	744.8	49.5	25.0	40.2
1962.....	921.0	784.0	63.2	30.7	43.0
1963.....	928.9	791.8	63.6	30.0	43.5
1964.....	998.5	867.0	53.3	31.4	46.7
1965.....	1,097.8	923.0	89.4	34.3	51.2

1. Hawaii County data affected by tsunami losses after 1960.

Source: Department of Taxation, General Excise, Consumption and Compensating Tax Base, Year Ending December 31, for years shown.

Table 77 -- NUMBER, SALES AND PAYROLL OF RETAIL ESTABLISHMENTS IN HAWAII, BY COUNTY AND PLACE: 1963

Area	Number of Establishments	Total sales (\$1,000)	Annual Payroll (\$1,000)	Number of Employees
State	4,578	751,411	99,204	33,845
City-County of Honolulu	3,373	619,672	84,661	28,606
Aiea	53	7,217	836	380
Ewa	28	3,348	393	165
Haleiwa	28	2,981	304	137
Honolulu	2,643	507,522	73,330	23,760
Kailua, Lanikai	113	24,643	2,726	1,032
Kaneohe	95	13,864	1,444	577
Luaiualei	5	355	35	18
Nanakuli	4	258	19	13
Wahiawa	128	21,217	2,433	908
Waialua Mill	21	1,474	160	55
Waianae-Makaha	37	7,122	618	269
Waimanalo	23	1,896	142	66
Other	195	27,775	3,221	1,226
Hawaii County	564	61,094	6,760	2,500
Hilo	310	44,225	5,370	1,908
Other	254	16,869	1,390	592
Kauai County	234	D	D	D
Kapaa	41	3,318	260	98
Lihue	77	13,350	1,812	573
Other ¹	119	D		
Maui County				
Lanai Island	10	1,605	113	40
Maui Island	360	37,590	4,144	1,500
Kahului	58	11,768	1,349	502
Lahaina	57	3,049	371	137
Puunane	6	532	D	D
Wailuku	139	15,481	1,895	612
Other	100	6,760	D	D
Molokai Island	35	3,414	274	105
Kalowao County	2	D	D	D

D - Data withheld to avoid disclosure.

1. For Kauai Island only; no establishments on Niihau Island.

Source: U. S. Department of Commerce, Bureau of the Census, 1963 Census of Business: Retail Trade, Hawaii Report BC 63-RA13.

Table 78-- RECEIPTS FROM WHOLESALING, AS SHOWN IN "TAX BASE" REPORTS FOR HAWAII, BY COUNTY: 1958 TO 1965
(in millions of dollars)

Year	State	City-County of Honolulu	Hawaii County ¹	Kauai County	Maui County
1958.....	282.7	252.8	19.2	4.6	6.0
1959.....	320.2	287.8	20.4	5.0	7.0
1960.....	354.6	321.7	22.0	4.4	6.5
1961.....	359.7	330.4	19.3	4.2	5.8
1962.....	386.1	348.1	27.3	4.3	6.4
1963.....	396.5	370.8	13.8	4.6	7.2
1964.....	435.7	414.6	9.0	4.7	7.4
1965.....	482.6	447.0	21.2	5.5	8.9

1. Hawaii County data affected by tsunami losses after 1960.

Source: Department of Taxation, General Excise, Consumption and Compensating Tax Base, Year Ending December 31 for years shown.

Table 79 -- RECEIPTS FROM SERVICES, AS SHOWN IN "TAX BASE" REPORTS FOR HAWAII, BY COUNTY: 1958 TO 1965
(in millions of dollars)

Year	State	City-County of Honolulu	Hawaii County	Kauai County	Maui County
1958.....	135.7	116.5	11.0	3.6	4.7
1959.....	165.4	142.6	12.7	4.5	5.6
1960.....	188.8	163.5	13.8	4.9	6.5
1961.....	203.4	178.6	13.1	5.0	6.7
1962.....	228.4	199.1	15.9	5.8	7.6
1963.....	231.8	202.5	15.2	6.1	7.9
1964.....	240.9	215.8	12.2	5.1	7.8
1965.....	260.7	232.2	14.9	5.1	8.4

1. Hawaii County data affected somewhat by tsunami losses after 1960.

Source: Department of Taxation, General Excise, Consumption and Compensating Tax Base, Year Ending December 31 for years shown. These are for primary services only and do not include intermediary services.

Table 80 -- SELECTED SERVICES IN HAWAII, BY COUNTY AND PLACE: 1963

Area	Number of Establishments							
	Total	Ho- tels	Pers. Serv.	Bus. Serv.	Auto Rep. & Serv.	Misc. Repair Serv.	Motion Pict.	Other Rec.
State	3431	178	1435	506	477	350	78	407
Hawaii County.....	317	25	134	31	51	39	14	23
Hilo	177	9	82	20	28	21	3	14
Other	140	16	52	11	23	18	11	9
Honolulu County. . .	2748	125	1156	448	367	284	40	328
Aiea	26	-	15	1	4	3	1	2
Ewa	25	-	13	5	2	1	-	4
Haleiwa.....	8	-	7	-	-	-	1	-
Honolulu.....	2181	114	877	398	305	205	25	257
Kailua-Lanikai..	113	3	38	18	17	19	2	16
Kaneohe.....	65	-	34	8	5	6	1	11
Laulaulei-Maile.	2	-	-	1	-	-	1	-
Nanakui.....	7	-	1	1	-	2	2	1
Wahiawa.....	98	6	53	4	15	7	2	11
Waialua Mill ...	15	-	8	1	-	4	2	-
Waianae-Makaha	29	-	14	1	3	8	1	2
Waimanalo	10	-	3	2	-	2	-	3
Other	169	2	93	8	16	27	2	21
Kalawao County....	2	-	-	-	-	-	-	2
Kauai County.....	150	12	59	12	19	13	11	24
Kauai Island....	150	12	59	12	19	13	11	24
Kapaa	19	1	8	2	2	2	3	1
Lihue	52	6	16	5	10	2	3	10
Other	79	5	35	5	7	9	5	13
Niihau Island ..	-	-	-	-	-	-	-	-
Maui County	214	16	86	15	40	14	13	30
Lanai Island ...	7	-	3	-	-	2	1	1
Maui Island ...	188	15		15	38	8	11	27
Kahului	28	2		6	7	-	-	4
Lahaina	24	3	9	-	3	-	1	8
Puunene	5	-	2	-	-	-	1	2
Wailuku	75	4	42	7	13	3	2	4
Other	56	6	12	2	15	5	7	9
Molokai Island ¹ ...	19	1	9	-	2	4	1	2

1. Not including Kalawao.

Source: U. S. Department of Commerce, Bureau of the Census, 1963 Census of Business; Retail Trade, Wholesale Trade and Selected Services for Hawaii.

FOREIGN TRADE

Hawaii's foreign trade increased 87 percent between 1960 and 1965. Government and private agencies especially interested in the encouragement of foreign trade include the Foreign Trade Zone, No. 9 in Honolulu; the U. S. Department of Commerce Field Office in Honolulu; the Department of Planning and Economic Development and the Chamber of Commerce of Hawaii.

Major sources of statistical and other information on imports and exports include the organizations listed above, the economic and business research departments of the Bank of Hawaii and the First National Bank of Hawaii, and consulates of foreign countries.

Reference publications include the U. S. Department of Commerce, Import Trade by Customs Districts and Export Trade by Customs Districts; the Bureau of the Census, U. S. Imports of Merchandise for Consumption and U. S. Exports of Merchandise for Consumption; and the U. S. Army, Corps of Engineers, Waterborne Commerce of the United States.

Table 81 -- HAWAII'S FOREIGN TRADE: 1960 TO 1965
(in Millions of dollars)

Year ending Dec. 30	Total	Imports	Exports
1960 ...	70.4	20.4	50.0
1961 ...	82.1	59.3	22.8
1962 ...	98.1	69.3	28.8
1963 ...	101.7	74.6	27.1
1964 ...	124.6	86.1	38.5
1965 ...	131.9	96.7	35.2

Source: U. S. Department of Commerce: Import Trade by Customs Districts and Export Trade by Customs District, based on summary reports FT-970I and FT-970E.

Table 82 -- VALUE OF IMPORTS TO HAWAII, TOTAL AND SELECTED COUNTRIES:
1956 TO 1965 (in thousands of dollars)

Year	Total	Japan	Hong Kong	Philippines	Taiwan	Thailand	Korea
1956 ...	22,301	6,458	1,308	837	40	54	12
1957 ...	26,933	7,292	1,375	827	70	54	39
1958 ...	33,579	9,750	1,549	1,012	95	60	46
1959 ...	34,103	14,560	1,517	950	100	61	97
1960 ...	46,986	16,721	1,906	1,156	221	78	75
1961 ...	58,054	14,404	1,631	1,114	315	177	105
1962 ...	68,281	14,353	1,781	976	281	178	119
1963 ...	74,047	20,514	1,554	1,279	466	242	108
1964 ...	85,804	23,415	1,645	1,383	NA	NA	NA
1965 ...	95,944	25,739	2,356	1,620	926	294	283

Source: U. S. Department of Commerce, Bureau of the Census, Foreign Trade Report No. IA 254. U. S. Imports of Merchandise for Consumption for 1964 and 1965. Earlier years from special tabulations prepared by the Japanese Consulate in Honolulu.

Table 83 -- VALUE OF EXPORTS FROM HAWAII, TOTAL AND SELECTED COUNTRIES:
1956 TO 1965 (in thousands of dollars)

Year	Total exports	Value of exports to selected countries					
		Japan	Korea	Taiwan	Hong Kong	Philippines	Thailand
1956 ...	18,191	3,547	5	120	49	250	26
1957 ...	19,779	4,949	23	339	77	367	20
1958 ...	16,969	1,451	20	490	94	311	27
1959 ...	18,043	3,317	12	174	56	228	27
1960 ...	20,350	4,600	11	138	99	248	26
1961 ...	22,466	6,017	22	303	110	740	22
1962 ...	28,121	4,042	468	175	127	886	27
1963 ...	26,630	3,790	37	428	152	1,528	57
1964 ...	38,162	5,493	135	391	145	2,075	63
1965 ...	34,732	6,294	20	577	102	2,180	435

Source: U. S. Department of Commerce, Bureau of the Census, Foreign Trade Report No. EA 663. U. S. Exports of Domestic and Foreign Merchandise for 1964 and 1965. Earlier years from tabulations prepared by the Japanese Consulate in Honolulu,

HEALTH

Hawaii is a healthy place to live and work. It is one of the few places in the world free of rabies, malaria, dengue fever, yellow fever, filariasis and cholera. The last case of smallpox was reported in 1913.

The State Health Department is the oldest in the United States and was founded in 1850 by King Kamehameha III. Vital statistics have been kept continuously since that time.

The Department of Health, Research, Statistics and Planning Office, publishes a semi-annual estimate of civilian population for the state, each of the islands, and the cities of Honolulu and Hilo. Estimates of civilian population and dwelling units by census tract are available for the City-County of Honolulu and Hawaii County. The annual statistical report of the department gives statistical series for all major divisions within the department.

Hospitals and nursing homes in the state are licensed by the Hospitals and Medical Facilities Branch of the Department of Health. This branch also issues reports of present and planned medical facilities in accordance with provisions of the Hill-Harris Act. More than half the 34 hospitals in the state are accredited by the American Hospital Association. Several hospitals on Oahu have approved training programs for residents and interns.

Licensing of physicians, dentists and other medical personnel is under the jurisdiction of the Department of Regulatory Agencies, Vocational Licensing Division.

Table 84 -- VITAL STATISTICS PER 1,000 POPULATION IN HAWAII:
1900 TO 1965

Years	Per 1,000 population ¹				Per 1,000 live births		
	Live births	Deaths	Marriages	Divorces	Deaths under 1 year	Maternal deaths	Still-births
1900-1904....	12.9	16.6	7.4	(NA)	273.6	11.5	33.0
1905-1909....	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....	24.8	6.8	12.9	3.1	38.0	2.2	18.2
1945-1949....	28.7	6.3	11.7	2.8	28.6	1.1	14.0
1950-1954....	32.5	6.1	12.0	2.6	22.3	0.6	13.8
1955-1959....	31.4	5.9	9.4	2.4	22.8	0.4	14.4
1960.....	28.9	5.8	3.8	2.1	23.2	0.3	15.2
1961.....	28.6	5.4	8.6	2.5	21.7	0.2	14.4
1962.....	27.6	5.4	8.6	2.3	20.6	0.3	13.3
1963.....	27.0	5.4	8.8	2.3	22.5	0.2	12.6
1964.....	25.6	5.2	8.6	2.5	19.8	0.1	13.0
1965.....	23.4	5.1	8.6	1.6	21.3	0.1	14.6

1. Based on civilian population only beginning with 1941.

Source: Department of Health, annual reports.

Table 85 --HOSPITALS IN HAWAII, BY NUMBER OF BEDS AND TYPES: 1966

Name and location	Type of hospital	Number of beds ¹	Intern or resident training
City-County of Honolulu			
Castle Memorial Hospital	General	81	
Ewa Plantation Hospital	General	33	
Hale Mohalu	Hansen's	260	
*Hawaii State Hospital	Psych.	687	yes
*Kahuku Hospital	General	28	
*Kaiser Foundation Hospital	General	152	
*Kapiolani Maternity & Gyn. Hospital	OB & GYN	97	yes
*Kauikeolani Children's Hospital	Pediatric	73	yes
*Kuakini Hospital	General	216	yes
*Leahi Hospital	TB	164	
	Chronic	185	
	Mental	14	
Leeward Hospital	General	32	
Maluhia Hospital	Chronic	147	
*The Queen's Hospital	General	442	yes
*Rehabilitation Center	Rehabil.	43	
*Shriners Hospital for Crippled Children	Orthopedic	58	yes
*St. Francis Hospital	General	288	yes
*U. S. Army Tripler General Hospital	General	1000	yes
*Wahiawa General Hospital	General	89	
Waialua General Hospital	General	37	
Waimano Training School and Hospital	Mental	878	
Hawaii County			
*Hilo Hospital	General	133	
Honokaa Hospital	General	42	
Kohala Hospital	General	26	
Kona Hospital	General	38	
Pahala Hospital	General	30	
Kauai County			
*Kauai Veterans Hospital	General	41	
*Samuel Mahelona Hospital	TB	49	
	Mental	33	
*Wilcox Memorial Hospital	General	74	
Maui County			
Kula General Hospital (Maui)	General	20	
Kalaupapa Settlement (Molokai)	Hansen's	39	
Kula Sanatorium (Maui)	TB	49	
	Long term	63	
	Mental	40	
Lanai Community Hospital (Lanai)	General	22	
*Maui Memorial Hospital (Maui)	General	166	
*Molokai Community Hospital (Molokai)	General	28	

*Accredited by American Hospital Association

¹Number of beds as of 12/5/66

Source: Department of Health, Hospital and Medical Facilities Branch.

EDUCATION

Hawaii has excellent schools and colleges which provide modern educational facilities from nursery school through the doctorate program at the University of Hawaii and post-doctoral programs at the East-West Center.

All public schools throughout the state are under the administration of the Department of Education. The Department of Education is responsible for the employment and assignment of teaching and administrative personnel, maintenance of standards and curriculum of all public schools, and the licensing of private schools.

Hawaii has the ninth largest public school system in the United States under one school board.

Primary sources of information on education in Hawaii are the Research, Statistics and Data Processing Office and the Information Office of the Department of Education. The Department of Planning and Economic Development maintains information on the number of graduates in certain fields of work and publishes a brochure, Hawaii's Educational Resources, which describes public and private schools and colleges throughout the state.

Comparisons of Hawaii's educational costs and expenditures with those of other states are published annually by the National Education Association in their research report, Rankings of the States.

Table 86 -- ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS IN HAWAII: 1954 TO 1966

School year	Total enrollment	Public schools	Private schools
1953-54 ,	132,361	106,464	25,897
1954-55	139,162	113,544	23,618
1955-56	145,794	119,054	26,740
1956-57	152,444	124,857	27,587
1957-58	157,571	130,158	27,413
1958-59	163,787	135,088	28,699
1959-60	169,925	140,666	29,259
1960-61	175,172	145,134	30,038
1961-62	180,006	149,554	30,452
1962-63	184,231	153,298	30,933
1963-64	187,825	156,651	31,174
1964-65	193,047	160,681	32,366
1965-66	194,620	162,189	32,431

Source: Department of Education, Office of Research, Statistics and Data Processing, Statistics on Public and Private School Membership 1965-66.

Table 87 -- PUPILS ENROLLED IN PUBLIC AND PRIVATE SCHOOLS IN HAWAII:
BY ISLAND: 1954-1966

School Year	Oahu	Hawaii	Kauai ¹	Lanai	Maui	Molokai
1953-54 ...	92,640	18,109	8,082	691	11,548	1,291
1954-55 ...	98,797	18,441	8,279	694	11,675	1,276
1955-56 ...	105,255	18,609	8,247	689	11,673	1,321
1956-57 ...	112,027	18,701	8,169	683	11,532	1,332
1957-58 ...	117,604	18,463	8,199	663	11,327	1,315
1958-59 ...	123,907	18,458	8,236	662	11,268	1,256
1959-60 ...	130,373	18,418	8,075	623	11,137	1,299
1960-61 ...	135,562	18,542	8,059	636	11,066	1,307
1961-62 ...	140,512	18,514	8,054	639	10,922	1,365
1962-63 ...	144,633	18,668	8,105	642	10,790	1,393
1963-64 ...	148,336	18,575	8,186	647	10,689	1,392
1964-65 ...	153,579	18,659	8,187	634	10,592	1,396
1965-66 ...	155,621	18,508	8,026	643	10,458	1,364

1. Includes Island of Niihau.

Source: Computed by the Department of Planning and Economic Development from statistics on public and private school pupil membership reported by the Department of Education. Data are for pupils in kindergarten through grade 12 only.

Table 88-- ENROLLMENT IN COLLEGES AND
BUSINESS SCHOOLS: 1965-66

<u>University and colleges</u>	19,998
University of Hawaii	17,500
Chaminade College	549
Church College of Hawaii	919
East-West Center	681
Hawaii Pacific College	55
Honolulu Christian College	67
Maunaolu Junior College	227
<u>Community Colleges</u>	1,944
Honolulu	704
Kapiolani	858
Kauai	162
Maui	220
<u>Business and Technical Schools</u>	2,089
Cannon's School of Business	325
College of Commerce	416
Computer College of Hawaii	45
Electronic Institute	210
Hawaii Technical School	309
Honolulu Business College	784

Source: Department of Planning and Economic Development, Hawaii's Educational Resources, 1966

Table 89 --NUMBER GRADUATING
FROM HIGH SCHOOLS IN HAWAII:
1950 TO 1966

Year	Total.	Public schools	Private schools
1950 ...	6,657	5,585	1,072
1951 ...	6,103	5,008	1,095
1952 ...	6,082	4,903	1,179
1953 ...	6,052	4,849	1,203
1954 ...	5,872	4,617	1,255
1955 ...	6,238	4,911	1,327
1956 ...	6,578	5,233	1,345
1957 ...	6,772	5,388	1,384
1958 ...	6,906	5,434	1,472
1959 ...	7,171	5,659	1,512
1960 ...	7,898	6,287	1,611
1961 ...	8,987	7,259	1,728
1962 ...	9,566	7,793	1,773
1963 ...	9,464	7,730	1,734
1964 ...	10,174	8,312	1,862
1965 ...	11,100	9,234	1,866
1966 ...	10,702	8,988	1,714

Source: Department of Education, Office of Research, Statistics and Data Processing.

Table 90-- NUMBER OF DEGREES AND DIPLOMAS AWARDED BY THE UNIVERSITY OF HAWAII: 1945 TO 1966

Year (ending June 30)	Total ²	Bachelor	Master	Fifth-year diploma	Doctor ²	Social work certif. ³	Public health certif. ⁴
1945....	257	185	7	52	...	9	4
1946....	222	164	9	37	...	12	7
1947....	318	220	12	63	...	14	9
1948....	418	329	12	50	...	20	7
1949....	536	425	18	57	1	23	12
1950....	724	569	34	82	...	24	15
1951....	854	647	50	119	1	23	14
1952....	897	721	41	108	...	19	8
1953....	753	692	7	25	2	18	9
1954....	794	643	41	96	1		13
1955....	860	648	42	156	2		12
1956....	832	644	39	140	...		9
1957....	917	723	32	152	2		8
1958....	957	735	54	154	3		11
1959....	1,052	812	71	152	4		13
1960....	1,149	881	81	175	3		9
1961....	1,190	832	109	242	7		
1962....	1,201	869	112	218	2		
1963....	1,359	894	252	198	15		
1964....	1,485	983	304	184	14		
1965....	1,719	1,183	362	154	20		
1966....	2,109	1,145	427	208	29		

1. Total includes fifth-year diploma in education, social work certificates for the years 1945-1953 and public health nursing certificates for the years 1945-1960.

2. The first doctoral degree was grant by the University of Hawaii in 1933; the second in 1938 and the third in 1949.

3. Social work certificates were discontinued after 1953. The advanced degree is now given in this f'eld.

4. Public health certificates were discontinued after 1960. The advanced degree is now given in this field.

Source: University of Hawaii, records.

Table 91 -- NUMBER OF PUBLIC AND PRIVATE SCHOOLS IN HAWAII, BY ISLAND: 1966

	State	Oahu	Hawaii	Kauai	Lanai	Maui	Molokai	Niihau
Total ¹	308	212	45	17	1	26	6	1
Public ...	209	132	39	13	1	18	5	1
Private ..	99	80	6	4	-	8	1	-

1. Total is for kindergarten through grade 12.

Source: Department of Education; Research, Statistics and Data Processing Office, Public and Private School Membership in Hawaii, 1966.

AREA, GEOGRAPHY AND CLIMATE

Hawaii, the 50th state, has an area of 6,424 square miles. It ranks 47th in size, being larger than Rhode Island, Delaware and Connecticut. It consists of eight major islands and the string of small islands and reefs of the Hawaiian archipelago stretching 1,367 miles northwest of Honolulu to Kure Island.

Hawaii's climate is almost ideal throughout the year with an average temperature ranging from 72 degrees in February to 79 degrees in August. Temperature and rainfall vary within the state depending more upon elevation and location rather than season.

The Department of Planning and Economic Development serves as a general source of information on geographic and climatological statistics. Primary data on land area and geology are obtained from the U. S. Geological Survey, the U.S. Coast and Geodetic Survey, the University of Hawaii Geology Department and the Hawaii Geophysical Institute. Information on land use is available from the State Land Use Commission and the Land Study Bureau at the University of Hawaii. Climatological data are supplied by the U.S. Weather Bureau. Distances between airports are obtained from the Federal Aviation Agency.

Table 92 -- DISTANCE FROM HONOLULU TO SELECTED CITIES AND PLACES

Place	Distance	Place	Distance
Honolulu to: ¹			
Hilo, Hawaii	214 miles	Auckland, New Zealand	4,393 miles
Kailua-Kona, Hawaii	168	Hong Kong, Br. Crown Colony	5,541
Kahului, Maui	98	Manila, Philippine Isl.	5,293
Kamuela, Hawaii	170	Montreal, Canada	5,043
Lanai Airport	72	Sidney, Australia	5,070
Lihue, Kauai	103	Tokyo, Japan	3,847
Molokai Airport	54	Toronto, Canada	4,766
		Vancouver, Canada	2,709
French Frigate Shoal	556		
Kure Island	1,367	Anchorage, Alaska	2,782
		Chicago, Illinois	4,179
Apra Harbor, Guam	3,806	Los Angeles, California	2,557
Johnston Island	820	Miami, Florida	4,856
Midway Island	1,309	New York, New York	4,959
Pago Pago, Tutuila	2,606	Portland, Oregon	2,595
Palmyra Island	1,101	San Francisco, California	2,397
Suva, Fiji	3,159	Seattle, Washington	2,679
Wake Island	2,294	Washington, D. C.	4,829

1. Distance is great circle distance measured in statute miles from Honolulu International Airport which is located at 21° 19' N. latitude and 157° 55' W. longitude.

Source: U.S. Department of the Interior, U.S. Geological Survey, records, and Federal Aviation Agency.

Table 93 -- AVERAGE TEMPERATURE AND PRECIPITATION, SELECTED AREAS OF HAWAII

Location	Elevation	Temperature			Precipitation
		Annual average	Average high	Average low	Annual average
City-County of Honolulu					
Ewa Plantation	42 ft.	74 ^o F	78 ^o F	71 ^o F	21 in.
Honolulu Airport	7	76	79	72	22
Honolulu Downtown	12	75	78	72	24
Manoa (Upper)	500	--	--	--	161
Hawaii County					
Hilo Airport	31	73	75	70	140
Kona Airport	17	75	83	67	25
Mauna Loa Observatory	11,150	44	54	35	20
Mountain View	1,830	67	76	59	187
Kauai County					
Lihue Airport	115	74	78	70	42
Mana	11	75	78	71	22
Wainiha Intake	700	--	--	--	160
Waialeale	5,075	--	--	--	486
Maui County					
Haleakala Station	9,960	48	56	39	43
Kula Sanatorium	3,004	64	67	62	32
Lahaina	45	71	--	--	14
Wailuku	200	75	78	72	27
Lanai City	1,620	68	72	66	35
Hoolehua	420	--	--	--	22

Source: Environmental Science Services Administration, U.S. Weather Bureau, Honolulu, Hawaii.

Table 94-- ELEVATION OF MOUNTAINS IN HAWAII, BY ISLAND

Name of Mountain	Elevation	Name of Mountain	Elevation
Hawaii Island		Maui Island	
Mauna Kea	13,796 ft.	Haleakala	10,023
Mauna Loa	13,680	Puu Kuhui	5,788
Hualalai	8,271		
Kohala	5,480	Molokai Island	
Kauai Island		Kamakou	4,970
Kawaikini	5,240		
Waialeale	5,120	Oahu Island	
		Kaala	4,040
Lanai Island		Puu Konahuanui	3,150
Lanaihale	3,370	Tantalus	2,013

Table 95--AREA AND SHORELINE OF
HAWAIIAN ISLANDS

County & Island	Area (sq. miles)		Total shoreline
	Land and water	Land	
State of Hawaii	6,424	6,415	1,052
Hawaii County	4,021	4,021	313
Honolulu County	605	598	234
Oahu Island	602	595	209
Outlying islands	3	3	25
Kauai County	625	623	162
Kauai Island	553	551	110
Niihau Island	72	72	50
Kaula and Lehua Is.	0.6	0.6	NA
Maui County ¹	1,159	1,159	343
Kahoolawe Island	45	45	36
Lanai Island	141	141	52
Maui Island	728	728	149
Molokai Island ²	259	259	106
Kalawao County	14	14	NA

1. County total does not include 14 square miles for Kalawao County which is part of Molokai Island.

2. Island total includes 14 square miles for Kalawao County.

Source: Department of Planning and Economic Development, Statistical Abstract, 1962.

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