

Section 2

VITAL STATISTICS AND HEALTH

This section presents data on births, deaths, marriages, divorces, diseases and accidents, nutrition, substance abuse, height and weight, hospitals, dental care, and health personnel.

Vital indexes generally reflect the high health standards of Hawaii. Expectation of life at birth in 1980 was 75.04 years for males and 81.45 years for females. There were 5,942 deaths in 1984, or 5.7 per 1,000 resident population. Deaths under one year of age per 1,000 live births numbered 10.9 in 1984. Diseases of the heart have accounted for almost a third of all deaths in recent years; cancer, for almost one-fourth. Live births in 1984 numbered 18,756, or 18.1 per 1,000 resident population. The total fertility rate for civilians fell from 3,360 per 1,000 women in 1960 to 2,461 in 1970 and 1,871 in 1980. Over 98 percent of all babies were born in hospitals in 1984, and more than one-fifth were born to military couples. One out of six births was to an unmarried woman. There were 6,906 fetal deaths in 1984, including 5,277 elective abortions. Marriages numbered 14,982 in 1984, with about 33 percent accounted for by nonresidents. Divorces reached a 1984 total of 4,769. The State had 24 acute care hospitals (with 2,896 beds), 32 long-term care facilities (with 2,648 beds), 10 specialty care facilities (with 967 beds) and 288 care homes (with 1,631 beds) in 1983. There were 1,966 physicians and surgeons, 767 dentists, 6,783 professional nurses, and 445 pharmacists licensed and living in Hawaii as of January 1985. Acute conditions per 100 persons numbered 209 in 1983, with respiratory conditions the most common complaint (at 154 cases per 100 persons). Among chronic conditions reported in the 1983 survey data, the most frequently mentioned were hypertension without heart involvement (7.3 per 100 persons), impairments of the back or spine (5.4), and hay fever (5.2). The most common communicable disease reported to authorities in 1984 were scarlet fever, with 2,973 cases, and gonorrhea, with 2,664. State mental health facilities served 9,724 patients in fiscal 1984, but the number of in-patients at the end of the year was only 337. Dental health was only fair: according to a 1979 survey, 275,000 residents had not visited a dentist within the previous year, and 176,000 reported one or more dental problems, chiefly cavities. Among persons 12 years old and over in 1979, 55 percent had used alcohol in the preceding month, 33 percent had smoked cigarettes, 14 percent had used marijuana, and 5 percent had used cocaine. The average adult male was 67.5 inches tall and weighed 159.5 lbs.; the average adult female was 62.6 inches and 127.9 lbs.

The major sources for data on vital statistics and health are the annual statistical reports of the Hawaii State Department of Health. Long-term trends are traced in Historical Statistics of Hawaii, Section 2. Sections 2 and 4 of the Statistical Abstract of the United States: 1985 contain similar data for the nation as a whole.

Table 59.-- BIRTHS AND DEATHS: 1970 TO 1984

Calendar year	Resident births <u>1/</u>	Resident deaths <u>1/</u>	Rates per 1,000 resident population <u>2/</u>		Rates per 1,000 live births <u>3/</u>		
			Births	Deaths	Illegitimate births	Fetal deaths <u>4/</u>	Infant deaths <u>5/</u>
1970 ...	16,361	3,971	21.2	5.1	95.8	20.6	19.1
1971 ...	15,780	4,130	19.7	5.2	88.4	23.5	16.0
1972 ...	15,364	4,245	18.5	5.1	93.0	22.8	17.5
1973 ...	15,328	4,356	18.0	5.1	104.0	16.4	13.7
1974 ...	15,472	4,286	17.8	4.9	108.8	16.3	16.0
1975 ...	15,689	4,272	17.7	4.8	123.2	18.9	13.7
1976 ...	16,292	4,349	18.0	4.8	125.0	20.8	11.2
1977 ...	16,874	4,349	18.4	4.7	143.3	21.6	12.3
1978 ...	16,717	4,508	17.9	4.8	160.1	13.5	12.0
1979 ...	17,513	4,791	18.4	5.0	163.5	13.1	10.9
1980 ...	18,129	4,903	18.7	5.1	175.6	15.3	10.8
1981 ...	18,174	4,927	18.5	5.0	181.8	13.1	10.5
1982 ...	18,675	5,123	18.7	5.1	186.3	12.7	8.9
1983 ...	19,090	5,409	18.7	5.3	197.8	11.5	10.0
1984 ...	18,667	5,571	18.0	5.4	191.8	10.0	10.9

1/ Events occurring in Hawaii. Data include births to military couples and deaths of armed forces and their dependents, but exclude nonresident births and deaths, as well as resident births and deaths occurring out of State.

2/ Based on estimates in DPED, Statistical Report 172 and Statistical Memorandum 85-3.

3/ Place of occurrence basis.

4/ 20 weeks gestation and over. Includes elective abortions.

5/ Under 1 year of age.

Source: Hawaii State Department of Health, Statistical Report (annual), and records.

Table 60.-- BIRTHS AND BIRTH RATES, BY MILITARY STATUS: 1974 TO 1984

[Place of occurrence basis]

Subject and year	All groups	Civilians			Armed forces and dependents
		All civilians	Military dependents	Other civilians	
Live births:					
1974	15,528	15,528	3,774	11,754	3,774
1975	15,766	15,766	3,821	11,945	3,821
1976	16,409	16,409	3,803	12,606	3,803
1977	16,983	16,983	3,771	13,212	3,771
1978	16,762	16,762	3,656	13,106	3,656
1979	17,568	17,568	3,797	13,771	3,797
1980	18,216	18,216	3,750	14,466	3,750
1981	18,230	18,230	3,502	14,728	3,502
1982	18,735	18,735	4,007	14,728	4,007
1983	19,164	19,164	4,093	15,071	4,093
1984	18,756	18,756	3,976	14,780	3,976
Birth rates: ^{1/}					
1974	16.8	17.9	55.2	14.7	30.0
1975	16.7	17.8	60.0	14.5	31.2
1976	16.9	18.0	56.8	14.9	30.5
1977	17.1	18.1	58.0	15.2	31.0
1978	16.5	17.5	59.8	14.6	30.6
1979	16.8	17.8	58.9	15.0	31.0
1980	17.3	18.3	58.5	15.5	30.7
1981	17.1	18.1	54.5	15.6	29.0
1982	17.2	18.1	60.1	15.2	33.0
1983	17.2	18.1	61.8	15.2	33.7
1984	16.4	17.3	59.3	14.5	32.0

^{1/} Per 1,000 de facto population in each group, based on estimates in DPED, Statistical Report 172, Statistical Memorandum 85-3, and records (for 1984).

Source: Hawaii State Department of Health, Research and Statistics Office, records.

Table 61.-- DEATHS AND DEATH RATES, BY MILITARY STATUS: 1974 TO 1984

[Place of occurrence basis]

Subject and year	All groups	Armed forces	Civilians ^{1/}			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Deaths:						
1974	4,598	49	4,549	108	4,441	157
1975	4,572	83	4,489	98	4,391	181
1976	4,717	67	4,650	99	4,551	166
1977	4,724	76	4,648	93	4,555	169
1978	4,852	80	4,772	85	4,687	165
1979	5,137	85	5,052	86	4,966	171
1980	5,204	69	5,135	82	5,053	151
1981	5,269	73	5,196	83	5,113	156
1982	5,495	74	5,421	86	5,335	160
1983	5,725	97	5,628	85	5,543	182
1984	5,942	73	5,869	86	5,783	159
Death rates: ^{2/}						
1974	5.0	0.9	5.3	1.6	5.6	1.2
1975	4.8	1.4	5.1	1.5	5.3	1.5
1976	4.9	1.2	5.1	1.5	5.4	1.3
1977	4.8	1.3	5.0	1.4	5.2	1.4
1978	4.8	1.4	5.0	1.4	5.2	1.4
1979	4.9	1.5	5.1	1.3	5.4	1.4
1980	4.9	1.2	5.1	1.3	5.4	1.2
1981	4.9	1.3	5.2	1.3	5.4	1.3
1982	5.1	1.3	5.2	1.3	5.5	1.3
1983	5.1	1.8	5.3	1.3	5.6	1.5
1984	5.2	1.3	5.4	1.3	5.7	1.3

^{1/} Death rates for military dependents based on 1970 and 1980 age and sex composition of military dependents and 1970 and 1980 age-sex-specific death rates for all civilians. Deaths of civilians other than military dependents calculated as residual.

^{2/} Per 1,000 de facto population in each group, based on estimates in DPED, Statistical Report 172, Statistical Memorandum 85-3, and records (for 1984).

Source: Hawaii State Department of Health, Research and Statistics Office, records.

Table 62.-- FERTILITY RATES, BY MILITARY STATUS: 1960, 1970, AND 1980

[Military dependents are included in the military category]

Type of rate and military status	1960	1970	1980
Crude birth rate, all groups <u>1/</u>	27.2	21.4	18.8
Civilian	22.9	19.1	16.5
Military	48.8	35.1	35.0
General fertility rate, all groups <u>2/</u>	127.8	96.1	78.7
Civilian	106.2	84.8	68.9
Military	250.5	169.5	147.5
Total fertility rate, all groups <u>3/</u>	3,886.5	2,728.5	2,084.0
Civilian	3,360.5	2,461.5	1,871.0
Military	6,480.5	4,275.0	3,496.0
Gross reproduction rate, all groups <u>4/</u> ...	1,884.0	1,318.0	1,006.5
Civilian	1,628.0	1,189.5	903.5
Military	3,140.0	2,065.5	1,688.0

1/ The annual number of live births per 1,000 resident population.

2/ The annual number of live births per 1,000 women of childbearing age.

3/ The average number of children to whom 1,000 women would give birth according to a set of fertility rates providing the women survive the childbearing years.

4/ The average number of girls to whom 1,000 women would give birth according to a set of fertility rates providing the women survive the childbearing years.

Source: Calculations by Eleanor C. Nordyke, Community Population Specialist, East-West Population Institute, based on vital statistics from the Hawaii State Department of Health and special tabulations of decennial census data by military status.

Table 63.-- CHARACTERISTICS OF RESIDENT BIRTHS: 1981 TO 1984

[Excludes births to Hawaii residents occurring out of state]

Subject	1981	1982	1983	1984
Number of resident births	18,174	18,675	19,090	18,667
Rate per 1,000 population	18.5	18.8	18.7	18.0
Percent on Oahu	76.7	77.1	77.1	77.0
Percent attended by M.D. or O.D. in hospital <u>1/</u>	98.4	98.0	98.1	98.3
Males per 100 females	105.8	105.8	107.4	107.1
Median weight of single births (grams)	3,283	3,278	3,292	3,293
Percent low birth weight (under 2,500 grams) ...	6.1	6.6	6.4	7.3
Percent single births under 40 weeks gestation .	49.7	50.2	49.7	51.7
Percent plural	1.7	1.8	1.6	1.8
Percent with 1 or more congenital malformations	0.9	0.8	1.2	1.1
Percent illegitimate	18.2	18.6	19.8	19.2
Percent with prenatal visit in first three months	76.9	74.2	73.6	75.4
Percent first child born to mother	33.0	31.9	32.3	32.4
Percent first child born alive to mother	43.2	42.4	43.1	42.6
Median age of mothers (years)	26.1	26.1	25	25
Median age of known fathers (years)	28.8	28.8	29	29
Number of deliveries <u>2/</u>	26,452	26,468	26,709	25,573

1/ Place of occurrence basis.

2/ Includes live births, standard fetal deaths, and elective abortions.

Source: Hawaii State Department of Health, Statistical Report (annual).

Table 64.-- RESIDENT BIRTHS, MIXED AND UNMIXED, BY MILITARY STATUS OF FATHER: 1984

[Based on data for 18 specified races]

Military status of father	Total births	Unmixed	Mixed <u>1/</u>			Not certain <u>2/</u>
			Total	Part Haw'n	No Haw'n blood	
All groups	18,667	8,584	8,965	5,596	3,369	1,118
Military	3,976	3,043	931	228	703	2
Civilian <u>3/</u>	14,691	5,541	8,034	5,368	2,666	1,116
PERCENT DISTRIBUTION						
All groups	100.0	46.0	48.0	30.0	18.0	6.0
Military	100.0	76.5	23.4	5.7	17.7	0.1
Civilian <u>3/</u>	100.0	37.7	54.7	36.5	18.1	7.6

1/ Includes all Part Hawaiian births, including those in which both parents were Part Hawaiian.

2/ One or both parents of unspecified race (unless one was Part Hawaiian) or both parents classified as "other."

3/ Includes births in which father's military status was not reported.

Source: Hawaii State Department of Health, Research and Statistics Office, data provided July 1, 1985.

Table 65.-- CHILDREN EVER BORN, BY MARITAL STATUS AND AGE OF MOTHERS: 1980

[For earlier years, 1950-1970, see Data Book 1984, table 69]

Subject	15 years and over	15 to 24 years	25 to 34 years	35 to 44 years	45 years and over
All women	360,707	87,008	88,168	55,285	130,246
Childless	129,611	69,521	32,274	9,411	18,405
Mothers	231,096	17,487	55,894	45,874	111,841
Children ever born ^{1/}	684,779	26,273	117,508	137,037	403,961
Per 1,000 women	1,898	302	1,333	2,479	3,102
Single (never married) women .	92,704	64,345	17,816	4,273	6,270
Childless	85,754	60,483	15,701	3,750	5,820
Mothers	6,950	3,862	2,115	523	450
Children ever born ^{1/}	10,142	4,882	3,268	992	1,000
Per 1,000 single women .	109	76	183	232	159
Women ever married	268,003	22,663	70,352	51,012	123,976
Childless	43,857	9,038	16,573	5,661	12,585
Mothers	224,146	13,625	53,779	45,351	111,391
Children ever born ^{1/}	674,637	21,391	114,240	136,045	402,961
Per 1,000 women ever married	2,517	944	1,624	2,667	3,250

^{1/} Excluding stillbirths.

Source: U.S. Bureau of the Census, 1980 Census of Population, Detailed Population Characteristics, Hawaii (October 1983), table 211.

Table 66.-- DELIVERIES, ILLEGITIMATE BIRTHS, AND ELECTIVE
ABORTIONS: 1960 TO 1980

[Place of occurrence basis]

Subject	1960	1970	1980
Deliveries	18,219	20,753	26,454
Live births	17,193	16,467	18,216
Fetal deaths, including abortions	1,026	4,286	8,238
Illegitimate births	881	1,577	3,198
Per 1,000 live births	51.2	95.8	175.6
Per 1,000 unmarried women 14 to 44	18.7	21.9	27.2
Elective abortions 1/	3	2,741	6,462
Per 1,000 deliveries	0.2	132.1	244.3
Per 1,000 live births	0.2	166.5	354.7
Per 1,000 women 14 to 44	0.0	15.3	27.2

1/ Legal restrictions on elective abortions were removed by S.L.H. 1970, Act 1, effective March 11, 1970.

Source: U.S. Bureau of the Census, U.S. Census of Population, 1960, 1970, and 1980, Hawaii State Department of Health, Annual Report, Statistical Supplement, 1960, 1970, and 1980.

Table 67.-- MOST COMMON NAMES ON BIRTH CERTIFICATES, BY SEX: 1984

[A total of 5,164 first names, including variant spellings, was reported for the 18,756 babies born in Hawaii in 1984. For leading names in 1909-1914, 1950, and 1983, see Data Book 1984, table 72]

Rank	Boys' names		Girls' names	
	Name	Number	Name	Number
1	Michael	254	Jennifer	205
2	Christopher	253	Ashley	180
3	Matthew	189	Jessica	161
4	Joshua	187	Nicole	131
5	Justin	163	Tiffany	95
6	Ryan	161	Heather	79
7	David	159	Michelle	76
8	James	144	Melissa	74
9	Daniel	142	Crystal	73
10	Brandon	141	Amanda	71

Source: Hawaii State Department of Health, Research and Statistics Office, printout dated April 24, 1985.

Table 68.-- MOST COMMON SURNAMES IN THE OAHU TELEPHONE DIRECTORY: 1975 AND 1985

Rank	1985		1975	
	Name	Columns	Name	Columns
1	Lee	20.0	Lee	18.0
2	Wong	16.75	Wong	16.5
3	Young	11.5	Young	11.5
4	Chang	10.5	Chang	10.5
5	Chun (tie)	9.75	Chun	10.0
6	Smith (tie) ...	9.75	Smith	9.5
7	Kim (tie)	9.75	Nakamura	9.0
8	Ching	8.5	Ching	8.5
9	Lum	7.67	Lum	8.0
10	Nakamura	7.33	Yamamoto; Tanaka (tie)	6.5

Source: Tabulations by Bob Krauss reported in Honolulu Advertiser, November 22, 1975 p. A-3, and January 16, 1985, p. A-3.

Table 69.-- CHARACTERISTICS OF RESIDENT DEATHS: 1981 TO 1984

[Excludes deaths of Hawaii residents occurring out of state]

Subject	1981	1982	1983	1984
Number of resident deaths	4,927	5,123	5,409	5,571
Rate per 1,000 population	5.1	5.2	5.3	5.4
Percent on Oahu	74.2	73.6	75.2	74.0
Males per 100 females	155.5	143.6	143.1	146.7
Median age (years)	70.0	69.4	70.6	71.1
Percent married	46.2	47.2	48.4	47.4
Number of deaths under 1 year	178	158	175	186
Per 1,000 live births	9.8	8.5	9.2	10.0
Fetal deaths <u>1/</u>	8,278	7,793	7,619	6,906
Per 1,000 deliveries	313	294	285	270
Fetal deaths, 20 or more weeks gestation <u>2/</u>	238	262	219	178
Per 1,000 live births	13.1	14.0	11.4	9.5
Standard fetal deaths <u>3/</u>	1,661	1,618	1,627	1,629
Elective abortions	6,617	6,175	5,992	5,277
Per 1,000 live births	364	331	313.9	282.7

1/ Includes elective abortions.

2/ Place of occurrence basis. Includes elective abortions if 20 weeks or more.

3/ Excludes elective abortions.

Source: Hawaii State Department of Health, Statistical Report (annual).

Table 70.-- CAUSE OF DEATH: 1963, 1973, AND 1983

[Resident deaths. Data for 1983, however, exclude deaths of Hawaii residents out of State]

Cause of death ^{1/}	Number, 1983	Percent distribution			Rate per 100,000 population		
		1983	1973	1963	1983	1973	1963
All causes	5,409	100.0	100.0	100.0	528.6	513.3	535.9
Diseases of the heart ..	1,738	32.1	32.2	32.8	169.9	165.2	175.9
Malignant neoplasms	1,291	23.9	20.6	17.3	126.2	105.9	92.6
Cerebrovascular diseases	428	7.9	10.4	8.4	41.8	53.5	44.7
All accidents	265	4.9	6.9	6.4	25.9	35.5	34.0
Influenza and pneumonia	193	3.6	3.7	3.2	18.9	19.0	17.3
Diabetes mellitus	113	2.1	2.6	2.4	11.0	13.5	12.8
Suicide	95	1.8	2.0	2.4	9.3	10.3	12.8
Other circulatory diseases	83	1.5	1.6	1.5	8.1	8.0	8.1
Perinatal condition	71	1.3	2.8	7.7	6.9	14.5	41.5
Congenital anomalies ...	67	1.2	1.4	2.2	6.5	7.2	12.0
Bronchitis, emphysema, asthma	62	1.2	1.5	1.7	6.0	7.4	8.9
Liver disease and cirrhosis	60	1.1	1.5	1.3	5.9	7.9	7.2
Homicide	51	0.9	0.9	0.4	5.0	4.5	1.9
All other causes	892	16.5	11.9	12.3	87.2	60.9	66.2

^{1/} The leading causes of death in 1983, listed according to rank.

Source: Hawaii State Department of Health, Statistical Report, 1983, p. 24.

Table 71.-- DEATHS OCCURRING IN HAWAII, BY METHOD OF DISPOSITION:
1980 TO 1984

Method	1980	1981	1982	1983	1984
All methods	5,204	5,269	5,495	5,725	5,942
Burial	2,343	2,284	2,324	2,513	2,517
Cremation	2,241	2,342	2,515	2,588	2,808
Removal	567	613	613	594	587
Entombment	44	23	33	25	26
Educational purpose	-	-	-	-	-
Other	1	-	-	3	-
Unknown	8	7	10	2	4

Source: Hawaii State Department of Health, Statistical Report (annual).

Table 72.-- CATASTROPHIC MORTALITY: 1977 TO 1985

[Includes all accidents, natural disasters, and other events causing five or more deaths. Excludes out-of-state deaths to Hawaii residents, such as the Chicago airplane crash which killed 273 persons, including 10 residents of Hawaii, on May 25, 1979. Complete through October 1, 1985]

Date	Place	Kind of disaster	Deaths
1977: April 13 1/ ...	At sea off Waikiki	Airplane crash	5
1978: Dec. 9 (?) ...	At sea off West Hawaii .	Ship disappearance ..	10
1979: Feb. 11 (?) ...	At sea out of Hana	Boat disappearance ..	5
Nov. 24	Near Wahiawa	2-car auto crash	5
1980: May 18	Molokai	Helicopter crash	7
1981: Dec. 5	Pearl Harbor	Airplane crash	11
1982: July 24	Near Wahiawa	3-car auto crash	5
1983: June 16	Honopu, Kauai	Airplane crash	14
1985: Jan. 15	540 mi. N. of Honolulu .	Helicopter crash	7

1/ For earlier events, see Robert C. Schmitt, "Catastrophic Mortality in Hawaii," The Hawaiian Journal of History, Vol. 3, 1969, pp. 66-86, and "Catastrophic Mortality in Hawaii, 1969-1976," unpublished paper filed in DPED Library, 1976.

Source: DPED file of newspaper accounts.

Table 73.-- EXPECTATION OF LIFE AT BIRTH:
PRE-CONTACT TIMES TO 1980

[Average expectation of life (e_0) in years]

Date	Both sexes ^{1/}	Male	Female
Before 1778 ^{2/}	30	(NA)	(NA)
1847 ^{3/}	35-36	(NA)	(NA)
1878-1879 ^{4/}	21.88	(NA)	(NA)
1883-1886 ^{4/}	31.95	(NA)	(NA)
1889-1892 ^{4/}	33.65	(NA)	(NA)
1894-1898 ^{4/}	36.89	(NA)	(NA)
1910	43.96	44.04	43.83
1920	45.69	45.64	45.75
1930	53.95	52.70	55.86
1940	62.00	59.92	64.86
1950	69.53	67.77	71.67
1960	72.42	70.39	74.75
1970	74.20	72.12	76.44
1980	78.02	75.04	81.45

NA Not available.

^{1/} Corresponding values for the entire United States were as follows: 1920, 54.1; 1930, 59.7; 1940, 62.9; 1950, 68.2; 1960, 69.7; 1970, 70.8; and 1980, 73.7. See Statistical Abstract of the United States: 1985, p. 69.

^{2/} Based on skeletal remains found at Mokapu, Oahu.

^{3/} Data for northern and northeastern Kauai.

^{4/} Data for Honolulu.

Source: Robert W. Gardner and Robert C. Schmitt, "Ninety-Seven Years of Mortality in Hawaii," Hawaii Medical Journal, October 1978, pp. 297-302; Hawaii State Department of Health, Life Tables by Ethnic Group for Hawaii, 1920-1970, by Chai Bin Park, Robert W. Gardner, and Eleanor C. Nordyke (R&S Report, No. 26, June 1979), and Life Tables by Ethnic Group for Hawaii, 1980, by Robert W. Gardner (R&S Report, No. 47, March 1984).

Table 74.-- SELECTED LIFE TABLE VALUES: 1980

Exact age in years (x)	Average expectation of life in years (e_x)			Number surviving to specified age per 100,000 born alive (l_x)		
	Both sexes	Male	Female	Both sexes	Male	Female
0 ^{1/}	78.02	75.04	81.45	100,000	100,000	100,000
1	77.81	74.90	81.15	99,001	98,870	99,147
5	73.97	71.08	77.27	98,796	98,617	98,997
15	64.12	61.26	67.40	98,579	98,358	98,824
25	54.66	51.99	57.50	97,674	97,095	98,350
35	45.14	42.61	48.00	96,741	95,810	97,791
45	35.81	33.40	38.53	95,125	93,806	96,582
55	27.12	25.05	29.50	91,142	88,554	93,788
65	19.19	17.50	21.11	83,153	78,637	87,879
75	12.23	11.02	13.40	67,037	60,056	75,343
85	7.20	6.54	7.68	39,284	31,099	49,188
95	3.97	3.70	4.12	9,639	5,492	14,464

^{1/} For the entire United States, expectation of life at birth in 1980 was 73.7 years for males and females combined, 70.0 for males, and 77.5 for females; see Statistical Abstract of the United States: 1985, p. 69.

Source: Hawaii State Department of Health, Life Tables by Ethnic Group for Hawaii, 1980, by Robert W. Gardner (R & S Report, No. 47, March 1984), p. 9.

Table 75.-- ACUTE CONDITIONS: 1983

Condition	Incidence of condition per year	Conditions per 100 persons per year
All acute conditions	2,056,074	208.6
Infective parasitic diseases	99,727	10.1
Respiratory condition	1,518,636	154.1
Digestive system condition	38,579	3.9
Injuries	171,575	17.4
All other acute conditions	227,557	23.1

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, records.

Table 76.-- PERSONS ON THE STATE BLIND REGISTER, BY COUNTIES: 1983 AND 1984

[For earlier years, 1929-1982, see Data Book 1984, table 81, p. 102]

Year	State total	City and Co. of Honolulu	County of Hawaii	County of Kauai	County of Maui
1983: June 30	1,734	1,458	104	49	123
1984: June 30	1,856	1,523	122	58	153

Source: Hawaii State Department of Social Services and Housing, Services for the Blind Branch, data provided February 12, 1985.

Table 77.-- CHRONIC CONDITIONS: 1983

Selected chronic conditions	Prevalence of condition	Conditions per 1,000 persons
Heart condition	22,121	22.4
Impairment of back or spine	53,193	54.0
Hypertension without heart involvement	72,377	73.4
Arthritis/rheumatism	30,313	30.8
Hearing impairment	30,192	30.6
Asthma with or without hayfever	33,613	34.1
Diabetes	20,425	20.7
Mental and nervous condition	11,262	11.4
Visual impairment	11,373	11.5
Malignant neoplasms	7,816	7.9
Chronic and allergic skin conditions ..	32,869	33.3
Chronic sinusitis	24,042	24.4
Hayfever without asthma	51,481	52.2
Stomach ulcer	6,210	6.3
Bronchitis/emphysema	11,227	11.4
Benign and unspecified neoplasms	4,533	4.6
Hemorrhoids	11,447	11.6
Thyroid/goiter	2,621	2.7
Varicose veins	8,413	8.5
Gout	8,553	8.7

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, records.

Table 78.-- LIMITATION OF ACTIVITY DUE TO CHRONIC OR ACUTE
CONDITIONS: 1983

Type of limitation	Number
Persons with one or more chronic conditions	336,694
No limitation of activity	282,116
Limited, but not in major activity	24,264
Limited in amount or kind of activity	19,832
Unable to carry on major activity	10,482
Restricted days in past 12 months <u>1/</u>	12,788,125
Per person <u>2/</u>	13.0
Bed days in past 12 months	4,114,394
Per person <u>2/</u>	4.2
Work days lost by persons 17 years of age and older in past 12 months	1,411,259
Per employed person 17 years and older <u>2/</u>	3.5
School days lost by persons 6 to 16 years of age in past 12 months	570,945
Per pupil 6 to 16 years of age <u>2/</u>	3.3

1/ A restricted activity day is one in which a person had to cut down on his usual activity for all or most of the day.

2/ Base includes persons without chronic or acute conditions or restricted activities.

Source: State Department of Health, Hawaii Health Surveillance Survey Program, special tabulation.

Table 79.-- SPECIFIED COMMUNICABLE DISEASES: 1982 TO 1984

Disease	Cases			Deaths		
	1982	1983	1984	1982	1983	1984
All reportable diseases ..	10,310	11,309	8,512	18	21	29
Acquired Immunodeficiency Syndrome (AIDS)	(NA)	10	16	(NA)	7	4
Chickenpox	820	1,442	834	-	-	-
Gonorrhea	3,706	2,886	2,664	-	-	-
Hansen's Disease	59	46	105	1	-	5
Hepatitis, all types	187	153	130	5	1	6
Influenza	222	494	328	-	1	-
Measles (Rubeola)	6	2	142	-	-	-
Meningitis, all types	281	319	147	5	2	3
Mumps	21	20	22	-	-	-
Rubella	9	1	5	-	-	-
Salmonellosis	499	335	380	1	-	-
Scarlet fever, other strep. ...	3,474	4,814	2,973	-	-	-
Syphilis	191	159	150	-	-	-
Tuberculosis	252	236	218	6	10	11
All others	583	392	398	-	-	-

NA Not available.

Source: Hawaii State Department of Health, Statistical Report, 1984, pp. 116 and 119.

Table 80.-- PERSONS 12 YEARS OLD AND OVER WHO HAD USED SPECIFIED SUBSTANCES IN THE PRECEDING MONTH: 1979

[Based on anonymous questionnaires completed by 3,127 household members on six major islands]

Substance	12 years old and over		12 to 17 years old: percent	18 to 25 years old: percent	26 years old and over: percent
	Number (1,000)	Percent			
Coffee	576	81.5	53.9	74.0	89.0
Cigarettes	235	33.3	15.3	40.0	35.0
Alcohol	389	55.1	27.4	68.2	57.3
Marijuana	102	14.4	17.9	31.0	9.0
Over the counter drugs .	45	6.4	10.1	6.7	5.5
Sedatives	21	3.0	0.9	5.1	3.0
Stimulants	14	1.9	0.9	3.0	2.0
Tranquilizers	44	6.2	1.5	5.5	7.0
Inhalants	9	1.2	2.9	1.2	0.8
Opiates	39	5.5	6.1	5.9	5.5
Hallucinogens	10	1.4	1.8	4.2	0.5
PCP	3	0.4	0.8	1.2	0.1
Cocaine	33	4.7	2.5	13.0	3.0
Heroin	2	0.3	0	1.1	0.2
Stimulants <u>1/</u>	8	1.1	0.7	3.0	0.7
Sedatives <u>1/</u>	9	1.2	0.5	3.8	0.7
Tranquilizers <u>1/</u>	8	1.1	0.7	3.1	0.7
Over the counter <u>1/</u>	6	0.8	0.3	1.3	0.7
Opiates <u>1/</u>	5	0.7	1.0	1.5	0.4

1/ Non-medical use.

Source: Hawaii State Department of Health, Mental Health Division, Alcohol and Drug Abuse Branch, Hawaii State Substance Abuse Survey - 1979. (December 1980), tables 8 and 9.

Table 81.-- NUMBER AND BED CAPACITY OF HOSPITALS AND CARE HOMES, BY TYPE OF FACILITY, BY ISLANDS: 1983

[Except for Tripler Army Medical Center, data are for facilities regulated and licensed by the Hospital and Medical Facilities Branch of the Hawaii State Department of Health and recognized by the Hawaii State Health Planning and Development Agency]

Category and island	All facilities <u>1/</u>	Acute care <u>2/</u>	Long-term care	Specialty care	Care homes	
					Residential <u>3/</u>	Family <u>4/</u>
NUMBER OF FACILITIES						
State total ..	336	24	32	10	16	272
Oahu	274	11	19	7	11	231
Hawaii	24	5	6	-	1	17
Kauai	17	3	3	1	3	11
Maui	17	3	2	1	-	13
Molokai	3	1	1	1	1	-
Lanai	1	1	1	-	-	-
NUMBER OF BEDS						
State total ..	8,142	2,896	2,648	967	549	1,082
Oahu	6,369	2,341	1,742	924	455	907
Hawaii	759	262	402	-	13	82
Kauai	384	128	136	11	67	42
Maui	547	150	338	8	-	51
Molokai	69	9	22	24	14	-
Lanai	14	6	8	-	-	-

1/ Institutions providing more than one kind of care are counted only once.

2/ Includes Tripler Army Medical Center which had a bed capacity of 509 (plus 52 nursery beds).

3/ Five or more beds.

4/ Four or fewer beds.

Source: Hawaii State Department of Health, Statistical Report, 1983, pp. 104, 105, 180, and 181.

Table 82.-- OCCUPANCY CHARACTERISTICS OF ACUTE AND LONG-TERM CARE
CIVILIAN HOSPITALS, BY ISLANDS: 1983

[Excludes Tripler Army Medical Center]

Type of facility and island	Admissions	Average daily census	Average length of stay (days)	Average daily percent occupancy
ACUTE CARE				
State total	102,331	1,654.5	5.9	69.3
Oahu	78,459	1,357.1	6.3	76.5
Hawaii	10,455	122.5	4.2	48.2
Kauai	5,597	70.8	4.6	49.5
Maui	7,253	98.2	3.5	67.3
Molokai	500	5.1	3.7	34.0
Lanai	67	0.8	4.2	13.3
LONG-TERM CARE				
State total	2,574	2,519.5	357.3	95.2
Oahu	1,478	1,656.8	409.2	95.4
Hawaii	607	387.8	233.2	94.6
Kauai	178	128.5	263.5	94.5
Maui	282	329.4	426.4	97.5
Molokai	20	11.7	213.7	97.6
Lanai	9	5.3	216.2	66.6

Source: Data by islands from Hawaii State Department of Health, Statistical Report 1983, pp. 105-108; state totals estimated by Hawaii State Department of Planning and Economic Development.

Table 83.-- HANSEN'S DISEASE PATIENTS REGISTERED: 1980 TO 1984

Subject	1980	1981	1982	1983	1984
Patients on register, Dec. 31 ..	474	506	550	578	661
Medically released	474	506	550	578	661
At home	349	385	432	462	555
Kalaupapa	119	115	112	110	101
Hale Mohalu or Leahi	6	6	6	6	5
Net annual increase	16	32	44	28	83
New cases added	34	49	49	41	43
Cases returned to register ...	3	4	11	5	58
Deaths	8	6	4	6	15
Left the State	4	1	12	12	5
Discharged	9	14	-	-	-
Registry correction (net)	-	-	-	-	+2

Source: Hawaii State Department of Health, Statistical Report, 1984, pp. 121-122.

Table 84.-- PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES:
1979 TO 1984

Year	Patients active, end of period			Admissions		Termina- tions	Patients served (undup.)
	Total	In- patients	Out- patients	Total	Undupli- cated		
1979	6,392	333	6,059	4,564	4,265	5,057	10,713
1980 <u>1/</u> ...	6,655	431	6,224	5,136	4,779	4,809	10,718
1981	6,642	408	6,213	4,947	4,474	5,062	10,689
1982	6,287	336	5,951	4,885	4,163	5,155	10,312
1983 <u>1/</u> ...	6,022	303	5,719	4,761	4,112	5,030	9,970
1984 <u>2/</u> ...	5,692	337	5,355	4,307	3,845	4,887	9,724

1/ Revised from Data Book 1984, table 91.

2/ Year ended June 30.

Source: Hawaii State Department of Health, Statistical Report (annual) and records.

Table 85.-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:
1980 TO 1985

[Hawaii State Hospital is the only public psychiatric hospital in Hawaii]

Year	Number of beds, June 30	Admissions <u>1/</u>		Patients in hospital <u>2/</u>	
		Total	First	Average <u>1/</u>	June 30
1980	199	816	321	226	239
1981	220	804	322	214	222
1982	220	990	402	226	221
1983	220	1,070	445	239	243
1984	220	744	276	221	240
1985	220	647	514	220	224

1/ Year ended June 30.

2/ Includes patients on leave and absent without leave.

Source: Hawaii State Hospital, records.

Table 86.-- WAIMANO TRAINING SCHOOL AND HOSPITAL: 1980 TO 1985

[Waimano Training School and Hospital is the State institution for the mentally retarded]

Year	Beds, June 30	Admissions <u>1/</u>	Patients in residence		Patients on leave, June 30
			Average <u>2/</u>	June 30	
1980	575	12	437	423	627
1981	575	7	406	397	635
1982	575	6	387	385	621
1983 <u>3/</u> .	426	10	365	375	614
1984 <u>3/</u> .	410	2	356	364	603
1985	410	2	354	360	586

1/ Year ended June 30. Excluding returns from community placement.

2/ Year ended June 30.

3/ Revised from Data Book 1984, table 93.

Source: Hawaii State Department of Health, Statistical Report (annual); Waimano Training School and Hospital, records.

Table 87.-- DENTAL CARE, BY AGE GROUP: 1979

[Based on a sample of 4,457 persons surveyed in April-June 1979]

Subject	All ages <u>1/</u>	Under 20 years	20 to 39 years	40 to 59 years	60 years and over
Population surveyed	867,755	293,667	300,852	175,113	92,666
Months since last visit:					
Less than 6	312,781	111,515	113,509	63,300	22,983
6 to 12	138,438	52,918	52,923	20,147	12,127
Less than 12, unspecified ...	114,922	42,132	32,545	28,031	10,119
Over 12	219,379	34,942	84,555	56,284	42,578
Never	55,394	47,244	3,653	2,290	2,118
Unknown	26,842	4,916	13,667	5,061	2,742
Services received in past 12 months: <u>2/</u>					
Checkup	23,601	12,394	6,124	4,272	811
X-Ray	344,731	119,090	133,835	65,831	22,428
Cleaning teeth	434,384	160,282	158,072	83,836	28,742
Fillings	291,238	105,669	114,037	49,970	21,217
Fluoride treatment	155,870	97,968	47,498	8,220	2,183
Extractions	66,266	24,683	25,831	10,512	5,161
Root canal treatment	27,081	3,033	12,894	6,633	4,175
Dentures and/or bridges	35,048	376	7,629	14,641	12,323
Crowns and capping	53,243	8,701	22,939	14,214	7,376
Straightening teeth	16,192	11,913	3,130	1,148	-
Treating gum and/or bone	13,016	867	3,918	5,243	2,987
Other	8,128	4,224	1,796	699	1,409
Unknown	17,642	7,135	4,917	4,189	1,056
Dental problems: <u>2/</u>					
Cavities	85,192	19,904	44,345	14,491	6,451
Toothache	11,132	1,683	4,666	2,808	1,974
Wisdom tooth	22,066	6,109	13,928	1,513	516
Dentures	32,651	1,547	2,644	12,399	16,061
Crooked teeth or bad bite ...	33,595	20,436	9,049	2,726	1,384
Disease of gum and/or bone ..	8,861	452	2,555	4,789	1,040
Other	18,324	5,903	6,918	3,081	2,422
None	636,968	220,371	213,235	135,848	62,908
Unknown	54,917	24,001	18,857	6,063	5,171

1/ Includes 5,456 persons not reporting age.2/ Some respondents reported two or more categories.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, printout dated January 29, 1981.

Table 88.-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS LICENSED
IN HAWAII, BY PLACE OF ADDRESS: JANUARY 2, 1985

Place of address	Physicians and surgeons <u>1/</u>	Dentists	Regis- tered nurses	Pharma- cists
Total licensed	3,274	1,019	9,082	703
Hawaii addresses ...	1,966	767	6,783	445
Hawaii	157	68	537	32
Maui	132	42	495	37
Lanai	2	1	12	0
Molokai	7	3	30	3
Oahu	1,601	631	5,440	353
Kauai	67	22	269	20
Niihau	-	-	-	-
Out of State	1,308	252	2,299	258

1/ Permanent licenses only. Does not include interns, residents, or the 23 physicians who provided State government services only.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, data provided February 13, 1985.

Table 89.-- MARRIAGES AND DIVORCES: 1970 TO 1984

[Place of occurrence basis]

Calendar year	Marriages		Divorces and annulments <u>2/</u>	Rates per 1,000 resident population <u>3/</u>		Percent of marriages	
	Total	Resident <u>1/</u>		Resident marriages	Divorces, annulments <u>2/</u>	Nonresident <u>4/</u>	Inter-racial
1970 ...	10,599	7,889	2,589	10.2	3.4	25.6	33.7
1971 ...	9,734	8,104	3,691	10.1	4.6	16.7	38.7
1972 ...	9,750	8,482	3,891	10.2	4.7	13.0	38.6
1973 ...	9,776	8,656	4,170	10.2	4.9	11.5	40.6
1974 ...	9,649	8,500	4,111	9.8	4.7	11.9	40.1
1975 ...	9,673	8,440	4,265	9.5	4.8	12.7	39.6
1976 ...	9,769	8,318	4,712	9.2	5.2	14.9	38.8
1977 ...	10,266	8,427	4,601	9.2	5.0	17.9	37.5
1978 ...	10,736	8,650	4,837	9.3	5.2	19.4	37.9
1979 ...	11,678	9,424	5,055	9.9	5.3	19.3	38.2
1980 ...	11,856	9,442	4,438	9.7	4.6	20.4	37.6
1981 ...	12,218	9,445	4,253	9.6	4.3	22.7	36.1
1982 ...	13,483	10,053	4,233	10.1	4.2	25.4	35.7
1983 ...	14,062	10,216	4,583	10.0	4.5	27.3	35.5
1984 ...	14,982	10,020	4,769	9.6	4.6	33.3	33.4

1/ One or both partners residents of Hawaii.

2/ Final decrees only. An interlocutory decree of six months was abolished July 1, 1971.

3/ Based on estimates in DPED, Statistical Report 172 and Statistical Memorandum 85-3.

4/ Both partners nonresidents of Hawaii.

Source: Hawaii State Department of Health, Statistical Report (annual).

Table 90.-- CHARACTERISTICS OF MARRIAGES AND DIVORCES: 1981 TO 1984

[Place of occurrence basis]

Subject	1981	1982	1983	1984
MARRIAGES				
Number	12,218	13,483	14,062	14,982
Percent on Oahu	70.9	70.5	69.8	66.8
Percent Hawaii residents:				
Both bride and groom	72.5	70.0	67.5	61.7
One partner only	4.8	4.6	5.2	5.2
Neither bride nor groom	22.7	25.4	27.3	33.1
Median age (years):				
Groom	28.3	28.8	29.0	29.7
Bride	26.0	26.6	26.8	27.5
Percent previously married:				
Groom	35.6	36.7	36.6	38.3
Bride	34.8	36.2	36.8	38.8
DIVORCES AND ANNULMENTS				
Number ^{1/}	4,253	4,233	4,583	4,769
Divorces	4,235	4,219	4,573	4,758
Annulments	18	11	10	11
Percent occurring on Oahu	76.0	77.0	76.1	79.2
Percent nonresident:				
Husband	11.7	12.1	12.2	13.0
Wife	12.8	12.4	11.8	12.8
Neither partner	75.6	75.7	76.1	74.2
Median age (years):				
Husband	33.2	33.8	33.4	33.9
Wife	30.6	31.2	30.8	31.3
Percent interracial ^{2/}	40.3	35.7	39.9	41.1
Percent with children under 18 years	54.1	54.0	54.4	54.0
Median years married	6.1	6.3	5.4	6.1

^{1/} Includes unspecified type of decree.

^{2/} For these calculations, marriages where both bride and groom are in the "Part Hawaiian" or "Other races" categories are classified as non-interracial.

Source: Hawaii State Department of Health, Statistical Report (annual).

Table 91.-- MARRIAGES OCCURRING IN HAWAII, RESIDENT AND NONRESIDENT,
BY RACE MIXTURE AND TYPE OF CEREMONY: 1983 AND 1984

Race mixture and type of ceremony	Total	At least one partner Hawaii resident	Both partners nonresidents
1983			
All marriages	14,062	10,222	3,840
Race of bride and groom:			
Both partners same	8,986	5,528	3,458
Different	4,987	4,608	379
Not reported <u>1/</u>	89	86	3
Percent different <u>2/</u>	35.7	45.5	9.9
Type of ceremony:			
Civil	5,258	4,291	967
Religious	8,804	5,931	2,873
Not reported	-	-	-
Percent civil <u>2/</u>	37.4	42.0	25.2
1984			
All marriages	14,982	10,020	4,962
Race of bride and groom:			
Both partners same	9,897	5,376	4,521
Different	5,085	4,644	441
Not reported <u>1/</u>	-	-	-
Percent different <u>2/</u>	33.9	46.3	8.9
Type of ceremony:			
Civil	5,269	4,216	1,053
Religious	9,713	5,804	3,909
Not reported	-	-	-
Percent civil <u>2/</u>	35.2	42.1	21.2

1/ Both partners "other races" or one or both not reported.

2/ Base excludes not reported.

Source: Hawaii State Department of Health, Research and Statistics Office, special tabulations.

Table 92.-- HEIGHT DISTRIBUTION, BY SEX, AND AVERAGE WEIGHT, BY HEIGHT AND SEX, FOR PERSONS 18 YEARS OLD AND OVER: 1975-1980

[Based on a sample of approximately 48,000 Hawaii residents 18 years old and over. Height and weight values are those reported by respondents; inclusion or exclusion of clothing or shoes not specified. Fractional values of 1/2 and over have been rounded upward]

Height (inches)	Cumulative percent		Average weight (pounds)	
	Male	Female	Male	Female
Total	100.0	100.0	159.5	127.9
Under 54	0.1	0.7	(B)	111.0
54	0.1	0.8	(B)	106.0
55	0.1	1.0	(B)	112.9
56	0.2	1.7	(B)	107.3
57	0.3	2.7	(B)	107.8
58	0.4	5.2	122.7	107.9
59	0.7	11.4	124.2	113.6
60	2.1	24.4	126.7	116.3
61	3.5	34.9	131.7	121.3
62	7.3	51.2	133.6	124.6
63	12.1	63.3	136.1	128.7
64	19.8	74.7	140.8	133.9
65	27.8	82.8	145.1	138.5
66	39.3	89.9	150.0	140.3
67	51.2	94.6	155.8	144.4
68	61.8	97.4	161.6	148.5
69	70.7	98.6	168.4	156.5
70	78.4	99.3	170.7	153.2
71	85.7	99.7	177.7	156.8
72	92.7	99.9	182.4	167.4
73	95.7	99.9	188.7	(B)
74	98.1	100.0	193.9	(B)
75	99.0	100.0	198.9	(B)
76	99.6	100.0	201.8	(B)
77	99.8	100.0	205.9	(B)
78	99.9	100.0	210.8	(B)
79 and over	100.0	100.0	192.2	(B)

B Base figure too small to meet statistical standards for reliability of derived figure.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, special tabulation.

Table 93.-- WEIGHT DISTRIBUTION, BY SEX, AND AVERAGE HEIGHT, BY WEIGHT AND SEX, FOR PERSONS 18 YEARS OLD AND OVER: 1975-1980

[Based on a sample of approximately 48,000 Hawaii residents 18 years old and over. Height and weight values are those reported by respondents; inclusion or exclusion of clothing or shoes not specified. Fractional values of 1/2 and over have been rounded upward]

Weight (pounds)	Cumulative percent		Average height (inches)	
	Male	Female	Male	Female
Total	100.0	100.0	67.5	62.6
Under 75	0.0	0.1	(B)	57.8
75 to 99	0.4	7.8	61.4	59.7
100 to 124	7.7	51.2	63.5	61.9
125 to 149	38.3	82.5	65.7	63.4
150 to 174	71.7	93.3	68.0	64.2
175 to 199	90.0	97.7	69.8	64.7
200 to 224	96.8	99.1	70.7	65.0
225 to 249	98.7	99.6	70.9	65.0
250 to 274	99.5	99.9	70.6	65.5
275 to 299	99.8	100.0	71.0	63.9
300 to 324	99.9	100.0	72.1	(B)
325 to 349	99.9	100.0	(B)	(B)
350 and over	100.0	100.0	(B)	(B)

B Base figure too small to meet statistical standards for reliability of derived figure.

Source: Hawaii State Department of Health, Hawaii Health Surveillance Program, special tabulation.

Table 94.-- DAILY FOOD INTAKE OF INDIVIDUALS: WINTER 1978

Food	Average daily intake (grams)	Percent using in a day
Meats, poultry, fish	244	94.7
Milk, milk products (calcium equivalent)	273	69.8
Eggs	28	32.2
Legumes, nuts, seeds	38	25.8
Grain products	281	96.9
Bread, rolls, biscuits	49	70.4
Rice	116	58.7
Fats, oils	13	62.9
Vegetables	160	86.4
Nonalcoholic beverages	491	77.1
Alcoholic beverages	79	12.2
Fruits	169	58.5
Sugar, sweets	18	53.8

Source: U.S. Department of Agriculture, Science and Education Administration, Food and Nutrient Intakes of Individuals in 1 Day in Hawaii, Winter 1978 (Nationwide Food Consumption Survey 1977-78, Preliminary Report No. 5, May 1981), pp. 33-42.

Table 95.-- NUTRITIVE VALUE OF FOOD: WINTER 1978

Nutrient	Average intake per individual in a day		Percent of recommended dietary allowances in a day	Percent of households meeting recommended allowances
	Unit	Amount		
Food energy	Kcal	1,751	81	77
Protein	G	73.8	163	98
Fat	G	75.8
Carbohydrate	G	188.2
Calcium	Mg	625	73	50
Iron	Mg	12.6	103	88
Magnesium	Mg	236	79	70
Phosphorus	Mg	1,068	127	96
Vitamin A value	IU	5,429	122	83
Thiamin	Mg	1.23	110	88
Riboflavin	Mg	1.50	116	87
Preformed niacin ...	Mg	18.3	124	...
Vitamin B ₆	Mg	1.44	75	68
Vitamin B ₁₂	Mcg	5.11	139	84
Vitamin C	Mg	96	166	96

Source: U.S. Department of Agriculture, Science and Education Administration, Food Consumption and Dietary Levels of Households in Hawaii, Winter 1978 (Nationwide Food Consumption Survey 1977-78, Preliminary Report No. 4, April 1981), p. 19, and Food and Nutrient Intakes of Individuals in 1 Day in Hawaii, Winter 1978 (Nationwide Food Consumption Survey 1977-78, Preliminary Report No. 5, May 1981), pp. 58 and 60.