

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 1979-81 was 74.08 years for males and 80.33 years for females. There were 5,751 resident deaths in 1985, or 5.5 per 1,000 resident population. Deaths under one year of age per 1,000 live births numbered 9.7 in 1985. Diseases of the heart have accounted for almost a third of all deaths in recent years; cancer, for almost one-fourth. Resident live births in 1985 numbered 18,267, or 17.3 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. Fully 98 percent of all babies were born in hospitals in 1985, and 22 percent were born to military couples. One out of five births was to an unmarried woman. There were 7,068 fetal deaths in 1985, including 5,595 elective abortions. Marriages numbered 15,421 in 1985, with about 36 percent accounted for by nonresidents. Divorces reached a 1985 total of 4,887. The State had 23 acute care hospitals (with 2,870 beds), 33 long-term care facilities (with 2,769 beds), and nine specialty care facilities (with 956 beds) in 1986. There were 2,153 physicians and surgeons, 839 dentists, 6,392 professional nurses, and 465 pharmacists licensed and living in Hawaii as of January 1986. Acute conditions per 100 persons numbered 246 in 1985, with respiratory conditions the most common complaint (at 186 cases per 100 persons). Among chronic conditions reported in the 1985 survey data, the most frequently mentioned were hypertension without heart involvement (8.0 per 100 persons), hayfever (6.6), and impairments of the back or spine (5.1). The most common communicable diseases reported to authorities in 1985 were scarlet fever, with 5,036 cases, and gonorrhea, with 2,162, but the most fatal was AIDS (18 deaths). State mental health facilities served 8,891 patients in 1985, but the number of in-patients at the end of the year was only 251. 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 18 years old and over in 1984, 53 percent used alcohol, eight percent were heavy drinkers, 43 percent used drugs, and three percent were heavy drug users. 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: 1986 contain similar data for the nation as a whole.

Table 56 .-- BIRTHS AND DEATHS: 1970 TO 1985

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
1985 ...	18,267	5,751	17.3	5.5	201.3	9.7	9.1

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 Reports 172 and 190.

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 57.-- BIRTHS AND BIRTH RATES, BY MILITARY STATUS: 1975 TO 1985

[Place of occurrence basis]

Subject and year	All groups	Civilians			Armed forces and dependents
		All civilians	Military dependents	Other civilians	
Live births:					
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
1985	18,329	18,329	4,043	14,286	4,043
Birth rates: ^{1/}					
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	16.5	17.3	59.3	14.6	32.0
1985	15.9	16.7	62.9	13.9	33.5

^{1/} Per 1,000 de facto population in each group, based on estimates in DPED, Statistical Reports 172 and 190.

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

Table 58.-- DEATHS AND DEATH RATES, BY MILITARY STATUS: 1975 TO 1985

[Place of occurrence basis]

Subject and year	All groups	Armed forces	Civilians ^{1/}			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Deaths:						
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
1985	6,116	63	6,053	83	5,970	146
Death rates: ^{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	5.0	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
1985	5.3	1.1	5.5	1.3	5.8	1.2

^{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 Reports 172 and 190.

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

Table 59.-- LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 1952 TO 1985

[Place of residence basis]

Calendar year	Total deliveries		Live births	Standard fetal deaths <u>2/</u>	Elective abortions <u>2/</u>
	Number	Rate <u>1/</u>			
1952	16,208	31.3	15,618	590	...
1953	16,746	32.8	16,130	616	...
1954	17,015	33.7	16,222	793	...
1955	17,339	32.2	16,339	1,000	...
1956	18,266	32.7	17,142	1,124	...
1957	18,028	30.8	17,023	1,005	...
1958	17,647	29.2	16,726	921	...
1959	18,005	28.9	17,033	972	...
1960	18,197	28.4	17,177	1,020	...
1961	18,633	28.3	17,543	1,090	...
1962	19,126	28.0	17,912	1,214	...
1963	18,902	27.7	17,714	1,188	...
1964	18,462	26.4	17,262	<u>3/</u> 1,200	...
1965	17,295	24.6	16,228	1,067	...
1966	15,814	22.3	14,920	894	...
1967	15,731	21.8	14,735	996	...
1968	15,567	21.2	14,470	1,097	...
1969	16,749	22.3	15,550	1,199	...
1970	20,578	26.7	16,361	1,458	2,759
1971	21,476	26.8	15,780	1,575	4,121
1972	21,468	25.9	15,364	1,582	4,522
1973	21,374	25.1	15,328	1,560	4,486
1974	21,071	24.3	15,472	1,572	4,027
1975	21,481	24.2	15,689	1,476	4,316
1976	22,915	25.3	16,292	1,675	4,948
1977	23,502	26.6	16,874	1,578	5,050
1978	23,990	25.8	16,717	1,467	5,806
1979	25,213	26.4	17,513	1,683	6,017
1980	26,241	27.1	18,129	1,716	6,396
1981	26,452	27.0	18,174	1,661	6,617
1982	26,468	26.5	18,675	1,618	6,175
1983	26,709	26.2	19,090	1,627	5,992
1984	25,573	24.7	18,667	1,629	5,277
1985	25,335	24.0	18,267	1,473	5,595

Continued on next page.

Table 59.-- LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 1952 TO 1985 -- Con.

1/ Per 1,000 resident population, July 1. From DPED Statistical Reports 172 and 190.

2/ Most legal restrictions on abortion were abolished as of March 11, 1970. Prior to that time, the relatively few therapeutic, criminal, self-induced, and other elective abortions reported to the Department of Health were included with the counts of standard fetal deaths (for available data, see Robert C. Schmitt, Historical Statistics of Hawaii, table 2.5, p. 51).

3/ Place of occurrence total.

Source: Hawaii State Department of Health, Annual Report, Statistical Supplement, 1952-1985.

Table 60.-- BIRTHS AND DEATHS, BY PLACE OF OCCURRENCE AND RESIDENCE: 1982 TO 1985

Event and year	Occurring in Hawaii				Hawaii residents	
	Total	Resident	Non-resident	Not reported	Total	Out of State ^{1/}
Births:						
1982 ...	18,734	18,675	57	2	18,704	29
1983 ...	19,164	19,090	73	1	19,124	34
1984 ...	18,756	18,667	89	-	18,706	39
1985 ...	18,329	18,267	62	-	18,302	35
Deaths:						
1982 ...	5,495	5,123	370	2	5,188	65
1983 ...	5,725	5,409	315	1	5,478	69
1984 ...	5,942	5,571	369	2	5,639	68
1985 ...	6,116	5,751	363	2	5,825	74

1/ Mainland U.S., U.S. territories and possessions, and Canada.

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

Table 61.-- 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 62.-- CHARACTERISTICS OF RESIDENT BIRTHS: 1982 TO 1985

[Excludes births to Hawaii residents occurring out of state]

Subject	1982	1983	1984	1985
Number of resident births	18,675	19,090	18,667	18,267
City and County of Honolulu	14,400	14,712	14,375	14,021
Percent on Oahu	77.1	77.1	77.0	76.8
Hawaii County	1,963	1,921	1,895	1,873
Kauai County	830	836	778	778
Maui County (incl. Kalawao)	1,482	1,621	1,619	1,595
Percent attended by M.D. or O.D. in hospital ^{1/}	98.0	98.1	98.3	98.0
Males per 100 females	105.8	107.4	107.1	108.2
Median weight of single births (grams)	3,278	3,292	3,293	3,307
Percent low birth weight (under 2,500 grams) ...	6.6	6.4	7.3	6.6
Percent single births under 40 weeks gestation .	50.2	49.7	51.7	51.3
Percent plural	1.8	1.6	1.8	1.8
Percent with 1 or more congenital malformations	0.8	1.2	1.1	1.0
Percent illegitimate	18.6	19.8	19.2	20.0
Percent with prenatal visit in first three months	74.2	73.6	75.4	74.7
Percent first child born to mother	31.9	32.3	32.4	31.9
Percent first child born alive to mother	42.4	43.1	42.6	41.7
Median age of mothers (years)	26.1	25	25	26
Median age of known fathers (years)	28.8	29	29	29

^{1/} Place of occurrence basis.Source: Hawaii State Department of Health, Statistical Report (annual).

Table 63.-- RESIDENT BIRTHS, MIXED AND UNMIXED, BY MILITARY STATUS OF FATHER: 1985

[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	18,327	8,517	8,043	5,376	2,667	1,767
Military	4,043	3,112	925	203	722	6
Civilian <u>3/</u>	14,284	5,405	7,118	5,173	1,945	1,761
PERCENT DISTRIBUTION						
All groups	100.0	46.5	43.9	29.3	14.6	9.6
Military	100.0	77.0	22.9	5.0	17.9	0.1
Civilian <u>3/</u>	100.0	37.8	49.8	36.2	13.6	12.3

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, July 10, 1986.

Table 64.-- 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 65.-- MEDIAN AND MEAN AGE OF MOTHERS, BY MILITARY STATUS OF FATHERS, FOR RESIDENT BIRTHS OCCURRING IN HAWAII: 1960 TO 1984

Year	Median age (years)			Mean age (years)		
	All births	Military	Civilian	All births	Military	Civilian
1960 ^{1/} ...	26.0	26.7
1970	25.0	24.3	25.4	25.8	25.2	25.9
1980	26.0	24.6	26.4	26.3	25.2	26.6
1984	26.3	24.5	26.9	26.7	25.3	27.1

^{1/} Includes nonresident births occurring in Hawaii. Not available by military status.

Source: Calculated by DPED from tabulations by 5-year age periods supplied by Hawaii State Department of Health, January 8, 1986.

Table 66.-- MOST COMMON NAMES ON BIRTH CERTIFICATES, BY SEX: 1985

[A total of 5,126 first names, including variant spellings, was reported for the 18,329 babies born in Hawaii in 1985. 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	Christopher	240	Ashley	172
2	Michael	238	Jennifer	169
3	Joshua	182	Jessica	151
4	Justin	159	Nicole	133
5	Matthew	143	Tiffany	82
6	Daniel	139	Michelle	78
7	David	137	Sarah	76
8	Ryan	130	Melissa	75
9	Brandon	129	Amanda	72
10	John	128	Kimberly	72
11	Jason	125	Rachel	72

Source: Hawaii State Department of Health, Research and Statistics Office, printout dated April 23, 1986.

Table 67 .-- 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 68 .-- LIFE EXPECTANCY AT BIRTH FOR BOTH SEXES COMBINED,
BY RACE: 1910 TO 1980

[In years]

Year	All races	Caucasian	Chinese	Filipino	Hawaiian and Part-Hawaiian	Japanese	Other
1910 ..	43.96	54.83	54.17	(NA)	32.58	49.34	15.62
1920 ..	45.69	56.45	53.80	28.12	33.56	50.54	28.38
1930 ..	53.95	61.90	60.07	46.14	41.87	60.07	32.58
1940 ..	62.00	64.03	65.32	56.85	51.78	66.28	59.48
1950 ..	69.53	69.21	69.74	69.05	62.45	72.58	68.29
1960 ..	72.42	72.80	74.12	71.53	64.60	75.68	62.19
1970 ..	74.20	73.24	76.11	72.61	67.62	77.44	76.74
1980 ..	78.02	76.38	80.24	78.78	74.01	79.66	76.58

NA Not available.

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. 7.

Table 69.-- AVERAGE LIFETIME, BY SEX: 1959-61, 1969-71,
AND 1979-81

Period	Years			Rank (50 States and D.C.)		
	Both sexes	Male	Female	Both sexes	Male	Female
1959-1961	71.55	69.79	74.01	7	(NA)	(NA)
1969-1971	73.60	71.02	76.79	1	1	3
1979-1981 <u>1/</u> .	77.02	74.08	80.33	1	1	1

NA Not available.

1/ Average lifetime for all States combined was 73.88 years for both sexes combined, 70.11 years for males, and 77.62 years for females.

Source: U.S. Department of Health, Education, and Welfare, National Center for Health Statistics, Life Tables: 1959-61, Vol. 2, No. 12, Hawaii State Life Tables: 1959-61 (June 1966), p. 160, and unpublished tabulations; U.S. Department of Health, Education, and Welfare, National Center for Health Statistics, U.S. Decennial Life Tables for 1969-71, Vol. II, No. 12, Hawaii State Life Tables: 1969-71 (June 1975), p. 12-6; and U.S. Department of Health and Human Services, National Center for Health Statistics, U.S. Decennial Life Tables for 1979-81, Vol. II, State Life Tables, No. 12, Hawaii (December 1985), p. 12-3.

Table 70.-- SELECTED LIFE TABLE VALUES, BY SEX: 1979-1981

Age in years	Of 100,000 born alive				Average remaining lifetime (years)	
	Number living at beginning of year of age		Number dying during year of age		Male	Female
	Male	Female	Male	Female		
0-1	100,000	100,000	1,121	889	74.08	80.33
1-2	98,879	99,111	93	64	73.92	80.05
5-6	98,607	98,920	38	25	70.11	76.20
10-11 ...	98,467	98,828	17	13	65.21	71.27
15-16 ...	98,303	98,733	81	34	60.31	66.34
20-21 ...	97,755	98,513	137	54	55.64	61.48
25-26 ...	97,054	98,235	131	52	51.02	56.65
30-31 ...	96,430	97,981	132	58	46.34	51.79
35-36 ...	95,720	97,644	155	85	41.66	46.96
40-41 ...	94,857	97,134	218	133	37.02	42.19
45-46 ...	93,529	96,341	327	190	32.50	37.52
50-51 ...	91,508	95,250	582	277	28.16	32.92
55-56 ...	88,125	93,616	759	420	24.14	28.44
60-61 ...	83,935	91,126	1,051	629	20.22	24.15
65-66 ...	77,746	87,417	1,483	930	16.61	20.06
70-71 ...	69,466	81,987	1,962	1,331	13.28	16.21
75-76 ...	58,516	74,108	2,536	2,009	10.28	12.65
80-81 ...	44,728	62,633	3,084	2,725	7.66	9.49
85-86 ...	28,579	47,208	3,168	3,831	5.56	6.73
90-91 ...	13,630	27,228	2,454	3,681	3.99	4.84
95-96 ...	4,201	11,023	1,099	2,405	2.98	3.48
100-101 .	779	2,701	248	761	2.49	2.81
105-106 .	101	448	36	147	2.22	2.44

Source: U.S. Department of Health and Human Services, National Center for Health Statistics, U.S. Decennial Life Tables for 1979-81, Vol. II, State Life Tables, No. 12, Hawaii, DHHS Pub. No. (PHS) 86-1151-12 (December 1985), tables 2 and 3.

Table 71.-- DEATHS OCCURRING IN HAWAII, BY PLACE OF DEATH:
1968 AND 1985

Year	All deaths	Hos- pital	Nursing or care home	Other specif. places <u>1/</u>	Home, street, etc.	Un- known
1968	4,275	3,274	152	113	736	-
1985	6,116	4,195	442	143	1,334	2

1/ Clinic, doctor's office, enroute to Hawaii, etc.

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

Table 72.-- CHARACTERISTICS OF RESIDENT DEATHS: 1982 TO 1985

[Excludes deaths of Hawaii residents occurring out of state]

Subject	1982	1983	1984	1985
Number of resident deaths	5,123	5,409	5,571	5,751
City and County of Honolulu	3,769	4,070	4,122	4,294
Hawaii County	592	590	707	715
Kauai County	280	284	272	256
Maui County (incl. Kalawao)	482	465	470	486
Males per 100 females	143.6	143.1	146.7	146.3
Median age (years)	69.4	70.6	71.1	71.9
Percent married	47.2	48.4	47.4	47.5
Deaths under 1 year	158	175	186	159
Per 1,000 live births	8.5	9.2	10.0	8.7
Fetal deaths <u>1/</u>	7,793	7,619	6,906	7,068
Per 1,000 deliveries	294	285	270	279
Fetal deaths, 20 or more weeks gestation <u>2/</u> Per 1,000 live births	262 14.0	219 11.4	178 9.5	177 9.7
Standard fetal deaths <u>3/</u>	1,618	1,627	1,629	1,473
Elective abortions	6,175	5,992	5,277	5,595
Per 1,000 live births	331	313.9	282.7	306.3

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 73.-- MAJOR CAUSES OF DEATH: 1925 TO 1985

Year	All causes	Major causes ^{1/}				
		Diseases of the heart	Malignant neoplasm	Cerebrovascular disease	Influenza and pneumonia	Tuberculosis
Number of deaths:						
1925	4,108	326	205	162	568	389
1935	3,306	428	262	172	340	291
1945	3,396	587	388	213	156	284
1955	3,124	1,033	550	273	86	33
1965	3,592	1,237	743	310	120	25
1975	4,272	1,395	929	387	160	14
1985	5,751	1,860	1,421	430	254	8
Percent of total:						
1925	100.0	7.9	5.0	3.9	13.8	9.5
1935	100.0	13.0	7.9	5.2	10.3	8.8
1945	100.0	17.3	11.4	6.3	4.6	9.9
1955	100.0	33.1	17.6	8.7	2.8	1.1
1965	100.0	34.4	20.7	8.6	3.3	0.7
1975	100.0	32.6	21.7	9.1	3.7	0.3
1985	100.0	32.3	24.7	7.5	4.4	0.1
Rate: ^{2/}						
1925	1,260	100	63	50	174	119
1935	849	110	67	44	87	75
1945 ^{3/}	417	72	48	26	19	35
1955	579	192	102	51	16	6
1965	510	176	106	44	17	4
1975	482	157	105	44	18	2
1985	546	176	135	41	24	1

^{1/} Among three leading causes in one or more listed years.

^{2/} Per 100,000 resident population, from Historical Statistics of Hawaii (1977), p. 10, and DPED Statistical Reports 172 and 190.

^{3/} Rates affected by large military population stationed in Hawaii.

Source: Hawaii State Department of Health, Statistical Report for 1965 (p. 37) and 1975 (pp. 24-25), and records.

Table 74 .-- CAUSE OF DEATH, BY SEX: 1985

[Place of residence basis]

Cause of death	Both sexes	Males	Females
Total deaths	5,751	3,416	2,335
Tuberculosis	8	5	3
Syphilis	-	-	-
Other infective	61	40	21
Malignant neoplasm	1,421	869	552
Digestive organs	467	304	163
Respiratory system	324	237	87
Breast	109	1	108
Genital organs	142	77	65
Urinary organs	40	29	11
Leukemia	61	35	26
Other	278	186	92
Diabetes mellitus	138	74	64
Heart disease	1,860	1,125	735
Rheumatic	19	10	9
Hypertensive	71	35	36
Ischemic	1,114	689	425
Other heart	656	391	265
Hypertension	19	7	12
Cerebrovascular disease	430	214	216
Arteriosclerosis	61	26	35
Aneurysm	42	30	12
Other circulatory	17	10	7
Influenza/pneumonia	254	144	110
Bronchitis/emphysema/asthma	61	34	27
Peptic ulcer	15	11	4
Cirrhosis of liver	78	56	22
Nephritis and nephrosis	53	31	22
Pregnancy, birth & puerperium	2	-	2
Congenital anomalies	55	28	27
Perinatal conditions	77	40	37
Ill-defined conditions	55	30	25
Other diseases	645	364	281
Accidents	235	168	67
Motor vehicles	127	89	38
Other	108	79	29
Suicide	95	66	29
Homicide & legal intervention	36	21	15
Other external causes	33	23	10

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

Table 75.-- DEATHS OCCURRING IN HAWAII, BY RACE AND METHOD OF DISPOSITION: 1985

Race	All methods	Burial	Cremation	Removal	All others <u>1/</u>
All races	6,116	2,610	2,886	586	34
Caucasian, except Port. <u>2/</u>	1,716	389	1,000	320	7
Hawaiian	245	186	43	15	1
Part Hawaiian	736	497	194	41	4
Chinese	381	290	68	14	9
Filipino	807	662	92	50	3
Japanese	1,637	205	1,394	34	4
Puerto Rican	68	56	8	4	-
Korean	91	55	32	3	1
Samoan	60	45	3	11	1
Portuguese	221	193	17	7	4
Black	60	14	12	34	-
Pacific Islander <u>3/</u>	63	10	2	51	-
Others <u>4/</u>	22	8	12	2	-
Not reported	9	-	9	-	-

1/ Includes entombment (27) and not reported (7).

2/ Includes Cuban (1) and Mexican (9).

3/ Includes Guamanian (14).

4/ Includes American Indian (8), Vietnamese (5), and other Asian (9).

Source: Hawaii State Department of Health, Research and Statistics Office, July 10, 1986.

Table 76.-- CATASTROPHIC MORTALITY: 1977 TO 1986

[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 September 30, 1986]

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, Oahu	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, Oahu	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 77.-- PERSONS ON THE STATE BLIND REGISTER, BY COUNTIES:
1984 AND 1985

Date	State total	City and Co. of Honolulu	County of Hawaii	County of Kauai	County of Maui
1984: June 30	1,856	1,523	122	58	153
1985: June 30	1,899	1,565	127	54	153

Source: Hawaii State Department of Social Services and Housing, Services for the Blind Branch, data provided December 23, 1985.

Table 78 .-- PERCENT OF ADULT POPULATION AFFECTED BY SPECIFIED HEALTH RISK FACTORS, BY ISLANDS: MAY-JUNE 1984

[Excludes inmates of institutions, armed forces living on military bases, and all persons less than 18 years old]

Health risk factor	State	Hawaii	Maui	Mol., Lanai	Oahu	Kauai
Inadequate seatbelt use ...	41	52	56	64	37	54
Hypertension	18	20	20	23	17	12
Lack of exercise	38	40	29	34	40	43
Diet factors	16	21	17	25	16	19
Smoking	26	27	38	23	24	25
Acute drinking	22	18	37	20	22	23
Chronic drinking	13	15	26	17	12	14
Drinking and driving	6	4	17	11	5	9

Source: Hawaii State Department of Health, Hawaii Health Messenger, Fall 1985, p. 1.

Table 79.-- ACUTE CONDITIONS: 1985

Condition	Incidence of condition per year	Conditions per 100 persons per year
All acute conditions	2,498,748	246.1
Infective parasitic diseases	119,804	11.8
Respiratory condition	1,888,518	186.0
Digestive system condition	48,062	4.7
Injuries	198,540	19.6
All other acute conditions	243,823	24.0

Source: Hawaii State Department of Health, Statistical Report 1985, p. 86.

Table 80.-- CHRONIC CONDITIONS: 1985

Selected chronic conditions	Prevalence of condition	Conditions per 1,000 persons
Heart condition	24,342	24.0
Impairment of back or spine	51,849	51.1
Hypertension without heart involvement	81,357	80.1
Arthritis/rheumatism	34,190	33.7
Hearing impairment	36,518	36.0
Asthma with or without hayfever	38,574	38.0
Diabetes	21,202	20.9
Mental and nervous condition	16,752	16.5
Visual impairment	12,081	11.9
Malignant neoplasms	8,487	8.4
Chronic and allergic skin conditions ..	38,826	38.2
Chronic sinusitis	26,379	26.0
Hayfever without asthma	66,918	65.9
Stomach ulcer	9,464	9.3
Bronchitis/emphysema	15,228	15.0
Benign and unspecified neoplasms	4,365	4.3
Hemorrhoids	14,270	14.1
Thyroid/goiter	4,126	4.1
Varicose veins	7,741	7.6
Gout	12,755	12.6

Source: Hawaii State Department of Health, Statistical Report 1985, pp. 68-69.

Table 81.-- LIMITATION OF ACTIVITY DUE TO CHRONIC OR ACUTE
CONDITIONS: 1983 AND 1985

Type of limitation	1983	1985
Persons with one or more chronic conditions	336,694	388,072
No limitation of activity	282,116	337,049
Limited, but not in major activity	24,264	23,927
Limited in amount or kind of activity	19,832	18,257
Unable to carry on major activity	10,482	8,839
Restricted days in past 12 months <u>1/</u>	12,788,125	14,075,272
Per person <u>2/</u>	13.0	13.9
Bed days in past 12 months	4,114,394	5,078,905
Per person <u>2/</u>	4.2	5.0
Work days lost by persons 17 years of age and older in past 12 months	1,411,259	(NA)
Per employed person 17 years and older <u>2/</u>	3.5	(NA)
School days lost by persons 6 to 16 years of age in past 12 months	570,945	782,256
Per pupil 6 to 16 years of age <u>2/</u>	3.3	4.3

NA Not available.

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, Statistical Report 1985, pp. 83 and 91-93, and Hawaii Health Surveillance Survey Program, special tabulation.

Table 82.-- SPECIFIED COMMUNICABLE DISEASES: 1983 TO 1985

Disease	Cases			Deaths		
	1983	1984	1985	1983	1984	1985
All reportable diseases ..	11,309	8,512	11,377	23	35	38
Acquired Immunodeficiency Syndrome (AIDS) ^{1/}	10	16	36	9	10	18
Chickenpox	1,442	834	1,494	-	-	-
Gonorrhoea	2,886	2,664	2,162	-	-	-
Hansen's Disease	46	105	31	-	5	-
Hepatitis, all types	153	130	260	1	6	7
Influenza	494	328	1,009	1	-	-
Measles (Rubeola)	2	142	31	-	-	-
Meningitis, all types	319	147	175	2	3	5
Mumps	20	22	19	-	-	-
Rubella	1	5	44	-	-	-
Salmonellosis	335	380	337	-	-	-
Scarlet fever, other strep. ...	4,814	2,973	5,036	-	-	-
Syphilis	159	150	123	-	-	-
Tuberculosis	236	218	189	10	11	8
All others	392	398	431	-	-	-

^{1/} The earliest officially recorded case of AIDS in Hawaii was a 52-year old Oriental woman, who was diagnosed in May 1978 and who died in August 1978. The second case was an infant, infected by a blood transfusion on the Mainland in January 1982, who died later that month. The third case was a male homosexual, who was diagnosed in January 1982 and who died in February 1984. The third AIDS death occurred in August 1982. In this table, AIDS deaths are reported by year of diagnosis rather than year of occurrence.

Source: Hawaii State Department of Health, Statistical Report, 1985, pp. 124 and 127, and memorandum from Roy G. Ohye, Acting Chief, Epidemiology Branch, dated April 3, 1986.

Table 83.-- ALCOHOL AND DRUG USE, BY AGE AND SEX: 1984

[Based on a sample of persons 18 and over on the four largest islands]

Substance, sex, and age	Sample size	Use (percent of group)				
		None <u>1/</u>	Light	Moder- ate	Moderately heavy	Heavy
Alcohol <u>2/</u>						
Total	2,503	47.3	24.4	12.9	7.3	8.1
Sex:						
Male	1,078	32.3	21.8	17.5	11.5	13.9
Female	1,412	56.4	26.4	9.4	4.1	3.7
Age:						
18 to 24 years	426	42.7	25.6	15.3	7.5	8.9
25 to 34 years	426	37.5	29.2	15.6	7.5	8.9
35 to 44 years	479	44.5	28.6	13.8	6.1	7.1
45 to 54 years	326	51.5	24.2	9.2	6.8	8.3
55 to 64 years	367	55.3	19.1	10.9	7.1	7.6
65 to 74 years	226	61.5	13.7	11.5	7.5	5.8
75 years and over .	82	67.1	14.6	3.7	6.1	8.5
Drugs <u>3/</u>						
Total	2,503	57.0	6.5	30.8	2.6	3.1
Sex:						
Male	1,073	55.7	8.1	29.9	2.7	3.5
Female	1,411	57.8	5.2	31.7	2.5	2.8
Age:						
18 to 24 years	424	41.7	12.5	38.0	3.5	4.3
25 to 34 years	594	44.4	10.9	35.0	5.1	4.6
35 to 44 years	479	57.0	6.3	32.6	1.5	2.7
45 to 54 years	326	66.3	2.2	28.2	0.9	2.5
55 to 64 years	367	73.0	1.6	21.0	1.9	2.5
65 to 74 years	225	76.4	0	21.3	1.3	0.9
75 years and over .	82	63.4	0	34.2	1.2	1.2

1/ For alcohol use, includes both non-drinkers and infrequent drinkers.

2/ Based on total ethanol consumption.

3/ Based on frequency of use, weighted by degree of danger to users, for marijuana/hashish, tranquilizers, barbituates, inhalants, LSD, PCP, cocaine, amphetamines, heroin, and morphine/codeine/percodan/demoral.

Source: Jonathan S. Raymond, Sharon Murakami, and Frank Ahern, Toward an Epidemiology of Mental Health and Alcohol and Drug Use in Hawaii (September 1985), tables 7 and 11.

Table 84.-- NUMBER AND BED CAPACITY OF HOSPITALS,
BY TYPE OF FACILITY, BY ISLANDS: 1986

[Except for Tripler Army Medical Center, data are for facilities 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
NUMBER OF FACILITIES				
State total ..	48	23	33	9
Oahu	32	10	20	7
Hawaii	6	5	6	-
Kauai	3	3	3	-
Mau i	4	3	2	1
Molokai	2	1	1	1
Lanai	1	1	1	-
NUMBER OF BEDS				
State total ..	6,595	2,870	2,769	956
Oahu	5,083	2,318	1,841	924
Hawaii	664	260	404	-
Kauai	281	117	164	-
Mau i	499	153	338	8
Molokai	54	16	14	24
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).

Source: Hawaii State Department of Health, Statistical Report, 1985, pp. 103 and 104.

Table 85.-- OCCUPANCY CHARACTERISTICS OF ACUTE AND LONG-TERM CARE
CIVILIAN HOSPITALS, BY ISLANDS: 1985

[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	84,473	1,566	6.8	66.3
Oahu	61,416	1,284	6.5	67.7
Hawaii	10,313	122	4.3	48.3
Kauai	4,909	59	4.4	50.0
Maui	7,406	97	4.8	62.6
Molokai	331	3	3.1	17.3
Lanai	98	1	2.9	12.9
LONG-TERM CARE				
State total	2,575	2,590	367	93.5
Oahu	1,522	1,720	412	97.2
Hawaii	490	385	287	95.3
Kauai	254	136	195	91.1
Maui	281	328	427	97.0
Molokai	19	14	260	96.8
Lanai	9	7	276	84.9

Source: Data by islands from Hawaii State Department of Health, Statistical Report 1985, pp. 104-107; state totals estimated by Hawaii State Department of Planning and Economic Development.

Table 86.-- COMMUNITY HOSPITAL AVERAGE COSTS AND ROOM CHARGES:
1978 TO 1985

Year	Average length of stay (days)	Average cost to hospital		Hospital semiprivate room charges 1/ (dollars)
		Per patient day (dollars)	Per patient stay (dollars)	
1978	7.3	232.60	1,698	103.81
1979	7.5	263.70	1,978	114.34
1980	7.5	245.80	1,844	126.98
1981	7.9	276.80	2,187	141.09
1982	8.3	307.30	2,551	176.24
1983	8.2	357.87	2,964	215.84
1984	(NA)	(NA)	(NA)	224.31
1985	(NA)	(NA)	(NA)	230.82

NA Not available.

1/ January data, except 1983, which refers to July.

Source: Health Insurance Association of America, Source Book of Health Insurance Data (annual).

Table 87.-- PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES:
1980 TO 1985

Year	Patients active, end of period			Admissions		Terminations	Patients served (undup.)
	Total	In-patients	Out-patients	Total	Unduplicated		
1980	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	6,022	303	5,719	4,761	4,112	5,030	9,970
1984 1/ ...	5,692	337	5,355	4,307	3,845	4,887	9,724
1985	6,328	251	6,077	3,933	3,268	4,221	8,891

1/ Year ended June 30.

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

Table 88.-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:
1981 TO 1986

[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
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
1986 <u>3/</u> .	240	738	611	263	272

1/ Year ended June 30.

2/ Includes patients on leave and absent without leave.

3/ Includes children's unit at Leahi Hospital assigned to the Hawaii State Hospital effective July 1, 1985.

Source: Hawaii State Hospital, records.

Table 89.-- WAIMANO TRAINING SCHOOL AND HOSPITAL: 1981 TO 1986

[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	
1981	575	7	406	397	635
1982	575	6	387	385	621
1983	426	10	365	375	614
1984	410	2	356	364	603
1985	410	2	354	360	586
1986	410	-	331	333	593

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

2/ Year ended June 30.

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

Table 90.-- HANSEN'S DISEASE PATIENTS REGISTERED: 1981 TO 1985

Subject	1981	1982	1983	1984	1985
Patients on register, Dec. 31 ..	506	550	578	661	651
Medically released	506	550	578	661	651
At home	385	432	462	555	545
Kalaupapa	115	112	110	101	101
Hale Mohalu or Leahi	6	6	6	5	5
Net annual change	32	44	28	83	-10
New cases added	49	49	41	43	31
Cases returned to register ...	4	11	5	58	4
Deaths	6	4	6	15	10
Left the State	1	12	12	5	39
Discharged	14	-	-	-	-
Registry correction (net)	-	-	-	+2	+4

Source: Hawaii State Department of Health, Statistical Report, 1985, pp. 129-130.

Table 91 .-- SELECTED HEALTH SERVICES (SIC 801-803): 1982

[Includes only establishments with payroll]

Service	Estab- lish- ments	Receipts (\$1,000)	Annual payroll 1/ (\$1,000)	Paid em- ployees, 1/ mid- March
Offices of physicians	889	229,507	97,872	3,830
Offices of osteopathic physicians	13	1,533	626	31
Offices of dentists	488	99,175	36,856	2,420
With in-house laboratories	75	16,808	(NA)	(NA)
Medical and dental laboratories ..	58	18,838	8,055	497
Medical laboratories	21	12,685	5,227	313
Dental laboratories	37	6,153	2,828	184

NA Not available.

1/ For data by occupation, see source.

Source: U.S. Bureau of the Census, 1982 Census of Service Industries, Miscellaneous Subjects, SC82-I-5 (December 1985), tables 25-29.

Table 92.-- 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 93.-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS LICENSED
IN HAWAII, BY PLACE OF ADDRESS: JANUARY 22, 1986

Place of address	Physicians and surgeons <u>1/</u>	Dentists	Regis- tered nurses	Pharma- cists
Total licensed	3,624	1,107	8,289	749
Hawaii addresses ...	2,153	839	6,392	465
Hawaii	172	72	525	35
Maui	149	48	481	37
Lanai	4	1	7	1
Molokai	8	5	32	3
Oahu	1,739	689	5,097	370
Kauai	81	24	250	19
Niihau	-	-	-	-
Out of State	1,471	268	1,897	284

1/ Permanent licenses only. Does not include interns, residents, or 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 14 and 20, 1986.

Table 94.-- MARRIAGES AND DIVORCES: 1970 TO 1985

[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	9.7	4.6	33.3	33.4
1985 ...	15,421	9,893	4,887	9.4	4.6	35.8	33.6

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 Reports 172 and 190.4/ Both partners nonresidents of Hawaii.Source: Hawaii State Department of Health, Statistical Report (annual).

Table 95.-- CHARACTERISTICS OF MARRIAGES AND DIVORCES: 1982 TO 1985

[Place of occurrence basis]

Subject	1982	1983	1984	1985
MARRIAGES				
Number	13,483	14,062	14,982	15,421
Percent on Oahu	70.5	69.8	66.8	64.5
Percent Hawaii residents:				
Both bride and groom	70.0	67.5	61.7	59.4
One partner only	4.6	5.2	5.2	4.7
Neither bride nor groom	25.4	27.3	33.1	35.8
Median age (years):				
Groom	28.8	29.0	29.7	29.9
Bride	26.6	26.8	27.5	27.8
Percent previously married:				
Groom	36.7	36.6	38.3	39.3
Bride	36.2	36.8	38.8	39.1
DIVORCES AND ANNULMENTS				
Number <u>1/</u>	4,233	4,583	4,769	4,887
Divorces	4,219	4,573	4,758	4,875
Annulments	11	10	11	12
Percent occurring on Oahu	77.0	76.1	79.2	77.2
Percent nonresident:				
Husband	12.1	12.2	13.0	12.3
Wife	12.4	11.8	12.8	12.4
Neither partner	75.7	76.1	74.2	75.3
Median age (years):				
Husband	33.8	33.4	33.9	34.3
Wife	31.2	30.8	31.3	32.0
Percent interracial <u>2/</u>	35.7	39.9	41.1	39.0
Percent with children under 18 years	54.0	54.4	54.0	55.6
Median years married	6.3	5.4	6.1	6.3

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 96.-- AGE DIFFERENCE IN RESIDENT MARRIAGES AND DIVORCES,
BY RACE OF PARTNERS: 1984

[Excludes marriages and divorces in which both partners were
nonresidents of Hawaii]

Age difference (years)	Resident marriages			Resident divorces		
	Total	Same race	Diff. races	Total	Same race	Diff. races
Total	10,020	5,376	4,644	4,768	2,781	1,987
Man older:						
20 or more	163	95	68	91	50	41
10 to 19	860	426	434	350	178	172
5 to 9	1,802	918	884	832	463	369
1 to 4	3,512	1,937	1,575	1,842	1,127	715
Both same age ...	1,042	627	415	567	368	199
Woman older:						
1 to 4	1,798	992	806	697	401	296
5 to 9	594	272	322	220	107	113
10 or more	249	109	140	94	42	52
Not available ...	-	-	-	75	45	30
Median difference:						
Absolute	3.5	3.3	3.7	3.3	3.1	3.6
Algebraic $\frac{1}{2}$..	2.0	1.9	2.1	2.2	2.1	2.3

$\frac{1}{2}$ Age of groom less age of bride. All values are positive;
for example, one-half of all resident marriages involved grooms at
least 2.0 years older than their brides.

Source: Hawaii State Department of Health, data provided
January 27, 1986.

Table 97.-- MARRIAGES OCCURRING IN HAWAII, RESIDENT AND NONRESIDENT,
BY RACE MIXTURE AND TYPE OF CEREMONY: 1985

Race mixture and type of ceremony	Total	At least one partner Hawaii resident	
		At least one partner Hawaii resident	Both partners nonresidents
All marriages	15,421	9,893	5,528
Race of bride and groom:			
Both partners same	10,233	5,255	4,978
Different	5,188	4,638	550
Percent different	33.6	46.9	9.9
Type of ceremony:			
Civil	5,153	4,150	1,003
Religious	10,268	5,743	4,525
Percent civil	33.4	41.9	18.1

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

Table 98.-- PERSONAL HEALTH CARE EXPENDITURES: 1966 AND 1982

Type of expenditure	Total (million dollars)		Per capita (dollars)	
	1966	1982	1966	1982
All expenditures	147.9	1,224.4	208	1,228
Hospital care	56.4	477.6	79	479
Physicians' services	33.3	374.5	47	376
Dentists' services	14.2	133.0	20	133
Other professional services ..	3.1	20.8	4	21
Drugs and medical sundries ...	19.2	92.9	27	93
Eyeglasses and appliances	4.1	22.6	6	23
Nursing home care	4.2	62.8	6	63
Other health services	13.6	40.1	19	40

Source: U.S. Department of Health and Human Services, Health Care Financing Administration, Health Care Financing Review, Summer 1985, pp. 19, 21, 37, and 45.

Table 99.-- 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 100.-- 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 101.-- 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 102.-- 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.