Section 2

VITAL STATISTICS AND HEALTH

This section presents data on births, deaths, marriages, divorces, morbidity, drug abuse, hospitals, and health personnel.

Vital indexes generally reflect the high health standards of Hawaii. Expectation of life at birth was 74 years for males and 78 years for females in 1975. The crude death rate in 1979 was only 5.6 per 1,000 resident population. Deaths under one year of age per 1,000 live births numbered 12.0 in 1978. Diseases of the heart have accounted for almost a third of all deaths in recent years; cancer, for over one-fifth. 1979 crude birth rate was 19.2 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 1,821 in 1975. Over 98 percent of all babies were born in hospitals in 1978, and over one-fifth were born to military couples. One out of six births was illegitimate. There were 7,273 fetal deaths in 1978, including 5,806 elective abortions. Marriages numbered 11,679 in 1979, with about 22 percent accounted for by nonresidents. Divorces reached a 1979 total of 5,056. The State had 22 acute care civilian hospitals (with 2,260 beds), 32 skilled nursing and intermediate care facilities (with 2,355 beds), and 264 care homes (with 1,460 beds) in 1978. There were 1,643 physicians and surgeons, 616 dentists, 5,583 professional nurses, and 364 pharmacists licensed and living in Hawaii as of May 1980. Acute conditions per 100 persons averaged 170 per year in 1977-1978, with respiratory conditions the most common complaint (at 112 cases per 100 persons). Among chronic conditions reported in the 1977-1978 survey data, the most frequently mentioned were hypertension without heart involvement (6.4 per 100 persons), hay fever (5.0), and asthma (3.6). The most common communicable disease reported to authorities in 1978 was scarlet fever with 4,959 cases. State mental health facilities served 11,642 patients in 1978, but the number of in-patients at the end of the year was only 263. Dental health was only fair: the average number of decayed, missing or filled teeth when last surveyed was 6.85 for intermediate school students and 10.61 for those in high school.

Major sources for data on vital statistics and health are the annual statistical reports of the Hawaii State Department of Health and various publications of the U.S. Public Health Service. Long-term trends are traced in <u>Historical Statistics of Hawaii</u>, Section 2. Sections 2 and 4 of the <u>Statistical Abstract of the United States: 1979</u> contain similar data for the nation as a whole.

Table 29.-- BIRTHS AND DEATHS: 1969 TO 1979 (Place of occurrence basis)

| | | | res | per 1,000 ident lation | Rates per 1,000 live births | | 0 | |
|------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|
| Calendar year | Births | Deaths <u>1</u> / | Births | Deaths <u>1</u> / | Illegiti- mate births | Fetal deaths <u>2</u> / | Infant deaths <u>3</u> / | |
| 1969 1970 1971 1972 1973 1974 1975 1976 1977 1978 | 15,690 16,467 15,845 15,413 15,358 15,528 15,766 16,409 16,983 16,762 17,570 | 4,214 4,197 4,351 4,483 4,579 4,598 4,572 4,717 4,725 4,860 5,138 | 20.9 21.3 19.9 18.8 18.2 18.2 18.6 19.0 18.6 | 5.6 5.4 5.5 5.4 5.3 5.3 5.4 5.6 | 96.6 95.8 88.4 93.0 104.0 108.8 123.2 125.0 143.3 160.1 (NA) | 13.7 20.6 23.5 22.8 16.4 16.3 18.9 20.8 21.6 13.5 (NA) | 19.2 19.1 16.0 17.5 13.7 16.0 13.7 11.2 12.3 12.0 (NA) | |

NA Not available.

 $[\]frac{1}{2}$ Includes armed forces. $\frac{1}{2}$ 20 weeks gestation and over. Includes elective abortions.

^{3/} Under 1 year of age.

Source: Hawaii State Department of Health, "Vital Statistics and Population of Hawaii, 1900 to 1973," R & S Report, No. 5 (June 1974); Statistical Report for 1973-1978; and "Preliminary Vital Statistics Summary, State of Hawaii, 1979."

Table 30.-- BIRTHS, DEATHS, AND BIRTH AND DEATH RATES, BY MILITARY STATUS 1977 TO 1979

(Place of occurrence basis.)

| | | | | Civilians | 3 | |
|----------------------------------------|----------------------|-----------------|----------------------|-----------------------------|----------------------|-----------------------------------|
| Subject | All groups | Armed forces | All ci- vilians | Military depend- ents | Other civilians | Armed forces and dependents |
| De facto population: 1/ 1977 1978 1979 | 970,600 | 56,500 | 914,100 | 65,000 | 849,100 | 121,500 |
| | 990,500 | 58,300 | 932,200 | 61,100 | 871,100 | 119,400 |
| | 1,012,900 | 57,900 | 955,000 | 64,500 | 890,500 | 122,400 |
| Live births: 1977 1978 1979 | 16,983 | - | 16,983 | 3,771 | 13,212 | 3,771 |
| | 16,762 | - | 16,762 | 3,656 | 13,106 | 3,656 |
| | 17,570 | - | 17,570 | 3,784 | 13,786 | 3,784 |
| Deaths: 1977 1978 1979 | 4,724 | 76 | 4,648 | 156 | 4,492 | 232 |
| | 4,860 | 80 | 4,780 | 147 | 4,633 | 227 |
| | 5,138 | 85 | 5,053 | 155 | 4,898 | 240 |
| Birth rate: 3/ 1977 1978 1979 | 17.5 16.9 17.3 | 0 0 0 | 18.6 18.0 18.4 | 58.0 59.8 58.7 | 15.6 15.0 15.5 | 31.0 30.6 30.9 |
| Death rate: 3/ 1977 1978 1979 | 4.9 | 1.3 | 5.1 | 2.4 | 5.3 | 1.9 |
| | 4.9 | 1.4 | 5.1 | 2.4 | 5.3 | 1.9 |
| | 5.1 | 1.5 | 5.3 | 2.4 | 5.5 | 2.0 |

^{1/} Estimates for armed forces are from the Bureau of the Census; for dependents, from annual DPED survey of local commanding officers.

Source: Population from Hawaii State Department of Planning and Economic Development, Statistical Report 136 (April 24, 1980), tables 1 and 2; births and deaths from Hawaii State Department of Health, Statistical Report for 1977 and 1978, and records.

^{2/} Provisional.

 $[\]frac{3}{2}$ / Per 1,000 de facto population. For rates based on resident population, see preceding table.

Table 31.-- FERTILITY RATES, BY MILITARY STATUS: 1960, 1970, AND 1975

| | 1 | | |
|----------------------------------------|---------|---------|---------|
| Type of rate and military status 1/ | 1960 | 1970 | 1975 |
| Crude birth rate, all groups 2/ | 27.2 | 21.4 | 18.1 |
| Civilian | 22.9 | 19.1 | 15.9 |
| Military | 48.8 | 35.1 | 31.0 |
| General fertility rate, all groups 3/ | 127.8 | 96.1 | 77.9 |
| Civilian | 106.2 | 84.8 | 66.6 |
| Military | 250.5 | 169.5 | 165.4 |
| Total fertility rate, all groups 4/ | 3,886.5 | 2,728.5 | 2,095.0 |
| Civilian | 3,360.5 | 2,461.5 | 1,821.5 |
| Military | 6,480.5 | 4,275.0 | 4,130.5 |
| Gross reproduction rate, all groups 5/ | 1,884.0 | 1,318.0 | 1,017.0 |
| Civilian | 1,628.0 | 1,189.5 | 885.5 |
| Military | 3,140.0 | 2,065.5 | 2,007.0 |

^{1/} Military dependents are included in the military category.

Source: Calculated by Eleanor C. Nordyke of the East-West Population Institute from the following sources: Eleanor C. Nordyke, The Peopling of Hawaii (University Press of Hawaii, 1977), table 7; Hawaii Department of Planning and Economic Development, Statistical Report 120, table 1; Hawaii Department of Health Annual Report, Statistical Supplement 1976, p. 1; Hawaii, DPED Economic Research Reports, "A Long-Range Population and Economic Simulation Model" (Preliminary), Dec. 22, 1977, table A-2.

 $[\]overline{2}$ / The annual number of live births per 1,000 resident population in the group.

^{3/} The annual number of live births per 1,000 women of childbearing age.

 $[\]overline{4}/$ 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. Equals the sum of single year age-specific birth rates.

^{5/} 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. Equals the sum of single year female age-specific birth rates.

Table 32.-- CHARACTERISTICS OF RESIDENT BIRTHS: 1968 TO 1978

[Excludes births to Hawaii residents out of State]

| Subject | 1968 | 1977 | 1978 |
|-----------------------------------------------------------------------|--------|--------|--------|
| Number of resident births Rate per 1,000 population Percent on Oahu | 14,470 | 16,874 | 16,717 |
| | 19.7 | 18.9 | 18.6 |
| | 84.5 | 79.4 | 77.8 |
| | 99.3 | 97.4 | 98.6 |
| | 106.3 | 106.1 | 110.3 |
| | 40.9 | 46.0 | 46.6 |
| | 3,204 | 3,272 | 3,400 |
| | 9.3 | 7.5 | 7.4 |
| | (NA) | 47.8 | 47.6 |
| | 1.7 | 1.8 | 1.7 |
| | 1.1 | 0.8 | 0.9 |
| | 9.2 | 14.3 | 16.0 |
| | 64.2 | 70.2 | 71.6 |
| | 36.3 | 35.4 | 34.5 |
| | (NA) | 41.9 | 42.4 |
| | 25.0 | 25.6 | 25.7 |
| | 28.4 | 28.4 | 28.6 |

NA Not available.

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

^{1/} Data for 1968 are on a place of occurrence basis.

 $[\]frac{2}{2}$ / All Part Hawaiian babies are classified as mixed. Base excludes births with unknown parentage.

Table 33.-- MOST COMMON NAMES ON BIRTH CERTIFICATES: 1909-1914, 1950, AND 1978

| Sex and | 1978 <u>1</u> / | | | |
|-------------------------|---------------------------------------------|---------------------------------|------------------------------------------|------------------------------------|
| rank | Name | Number | 1950 | 1909-1914 |
| Boys' names: 1 2 3 4 5 | Jason | 206 205 197 175 140 | John Michael Robert William Dennis | John William George Antonio Joseph |
| Girls' names: 1 | Jennifer Michelle Jessica Christina Melissa | 215 110 88 77 76 | Linda Kathleen Sharon Carol Charlene | Maria Mary Amelia Helen Elizabeth |

 $[\]underline{1}/$ A total of 4,736 first names (including variant spellings) were reported for the 16,762 babies born in Hawaii in 1978.

Source: Hawaii State Department of Health, Research and Statistics Office, printout of 1978 records; Bob Krauss, "Today's lesson: the name game," <u>Honolulu Advertiser</u>, September 14, 1979, p. A-3.

Table 34.-- CHARACTERISTICS OF RESIDENT DEATHS: 1968 TO 1978 [Excludes deaths of Hawaii residents in other areas]

| Subject | 1968 | 1977 | 1978 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Subject | 1900 | 13// | 1976 |
| Number of resident deaths Rate per 1,000 population Percent on Oahu Males per 100 females Median age (years) Number of deaths under 1 year 1/ | 4,071 5.5 73.6 159.5 65.3 | 4,349 4.9 74.5 152.1 67.6 | 4,508 5.0 73.8 151.8 68.8 |
| Per 1,000 live births $1/\ldots$ | 19.0 | 11.6 | 11.1 |
| Fetal deaths 2/ Per 1,000 deliveries Fetal deaths, 20 or more weeks gestation 1/, 2/ Per 1,000 live births 1/, 2/ Standard fetal deaths 3/ Elective abortions Per 1,000 live births | 1,097 70 209 14.3 1,086 11 0.8 | 6,685 284 367 21.7 1,578 5,050 299 | 7,273 303 223 13.3 1,467 5,806 347 |

 $[\]frac{1}{2}$ Data for 1968 are on a place of occurrence basis. $\frac{2}{3}$ Includes elective abortions. $\frac{3}{2}$ Excludes elective abortions. Source: Hawaii State Department of Health, Statistical Report (annual).

Table 35.-- CAUSE OF DEATH: 1968 AND 1978

[Place of residence basis. Data include armed forces deaths.]

| | Northan | Percent distribution | | Rate per 100,000 population | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Cause of death <u>1</u> / | Number, 1978 | 1978 | 1968 <u>2</u> / | 1978 | 1968 <u>2</u> / |
| All causes | 4,508 | 100.0 | 100.0 | 502.8 | 584.1 |
| Diseases of the heart Malignant neoplasms Cerebralvascular diseases All accidents Influenza and pneumonia Diabetes Mellitus Suicide Mortality in early infancy Cirrhosis of liver Congenital anomalies Homicide Bronchitis, emphysema, asthma All other causes | 1,441 1,015 445 280 145 119 106 87 65 56 55 48 | 32.0 22.5 10.0 6.2 3.2 2.6 2.4 1.9 1.4 1.2 1.2 | 32.8 19.1 8.4 6.5 4.2 2.4 1.4 4.0 1.6 1.7 0.5 2.1 | 160.7 113.2 49.6 31.2 16.1 13.3 11.8 9.7 7.2 6.2 6.1 5.3 72.1 | 191.5 111.5 48.9 38.2 24.2 13.9 8.1 23.5 9.1 10.0 3.1 12.0 90.0 |

 $[\]underline{1}/$ The leading causes of death in 1978, listed in order of deaths for that year.

^{2/} Excluding armed forces.

Source: Statistical Report, Department of Health, State of Hawaii, 1978, p. 23.

Table 36.-- DEATHS OCCURRING IN HAWAII, BY METHOD OF DISPOSITION: 1956 TO 1978

| | T | | | | T | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------|---------------------------------------------------------------------|
| Calendar year | All deaths | Burial | Cremation | Removal | Other methods <u>1</u> / | Unknown 2/ |
| EXCLUDING ARMED FORCES | | | | | | |
| 1956 1957 1958 1959 1960 1961 1962 1963 1964 1965 1966 1967 1970 1971 1973 | 3,084 3,335 3,128 3,314 3,540 3,367 3,512 3,643 3,638 3,705 3,770 3,897 4,192 4,146 4,125 4,304 4,430 4,509 | 1,812 1,919 1,752 1,924 2,118 1,890 2,011 2,043 2,092 2,013 2,085 2,117 2,318 2,177 2,187 2,237 2,237 2,291 2,319 | 1,117 1,255 1,206 1,204 1,219 1,266 1,264 1,358 1,274 1,405 1,362 1,422 1,492 1,539 1,509 1,614 1,688 1,699 | 13 18 20 | 51 70 36 03 11 | - - - - - - 2 4 9 - 8 5 - 12 |
| INCLUDING ARMED FORCES | | | | | | |
| 1968 | 4,250 4,214 4,197 4,350 4,483 4,577 4,601 4,575 4,719 4,725 4,860 | 2,325 2,190 2,197 2,243 2,298 2,337 2,265 2,259 2,249 2,213 2,255 | 1,495 1,542 1,509 1,618 1,692 1,702 1,731 1,759 1,893 1,931 | 414 451 470 451 453 489 569 525 571 573 | 16 23 16 38 28 39 31 30 6 7 27 | - 8 5 - 12 10 5 2 - 1 |

 $[\]frac{1}{2}$ / Entombment, educational purposes, and other methods. $\frac{2}{2}$ / Includes persons lost at sea. Source: Hawaii State Department of Health, Statistical Report (annual) and records.

Table 37.-- SELECTED LIFE TABLE VALUES: 1975

| | Average e of life (e | • | Number surviving to specified age per 1,000 born alive (1 _x) | |
|------------------------|----------------------------------|----------------------------------|--------------------------------------------------------------------------|----------------------------|
| Exact age in years (x) | Male | Female | Male | Female |
| Birth | 74.03 51.36 32.97 17.43 | 77.85 54.36 35.32 17.94 | 1,000 966 929 768 | 1,000 980 958 863 |

Source: 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, p. 27.

Table 38.-- ACUTE CONDITIONS: ANNUAL AVERAGES, 1977-1978

| Acute condition | Number of conditions | Conditions per 100 persons |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|
| All acute conditions | 1,462,026 | 169.6 |
| Infective parasitic diseases Respiratory condition Influenza Common cold Other respiratory condition Digestive system condition Injuries All other acute conditions | 111,485 965,857 267,652 546,530 151,675 31,360 172,057 181,266 | 12.9 112.0 31.0 63.4 17.6 3.6 20.0 21.0 |

Source: Hawaii State Department of Health, <u>Statistical Report, 1978</u>, p. 66.

Table 39.-- CHRONIC CONDITIONS: 1977-1978

| | , | |
|----------------------------------------|-----------|------------|
| | Persons | Conditions |
| | with | per 1,000 |
| Selected chronic conditions | condition | persons |
| | | |
| Heart condition | 16,866 | 19.6 |
| | 28,295 | 32.8 |
| Impairments of back or spine | | |
| Hypertension without heart involvement | 54,794 | 63.6 |
| Arthritis/rheumatism | 21,151 | 24.5 |
| Hearing impairment | 20,205 | 23.4 |
| Asthma, with or without hayfever | 31,034 | 36.0 |
| Diabetes | 19,302 | 22.4 |
| Mental and nervous condition | 14,757 | 17.1 |
| Visual impairment | 9,005 | 10.4 |
| Malignant neoplasms | 4,983 | 5.8 |
| Chronic and allergic skin conditions | 20,788 | 24.1 |
| Chronic sinusitis | 20,363 | 23.6 |
| Hayfever without asthma | 43,441 | 50.4 |
| Stomach ulcer | 7,974 | 9.2 |
| Bronchitis/emphysema | 9,114 | 10.6 |
| Benign and unspecified neoplasms | 6,074 | 7.0 |
| Hemorrhoids | 12,507 | 14.5 |
| Thyroid/goiter | 4,783 | 5.5 |
| Varicose veins | 4,854 | 5.6 |
| Gout | 9,955 | 11.5 |
| | | |

Source: Hawaii State Department of Health, <u>Statistical Report, 1978</u>, p. 60.

Table 40.-- SPECIFIED COMMUNICABLE DISEASES: 1977 AND 1978

| | Cas | Cases | | ths |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------|
| Disease | 1977 | 1978 | 1977 | 1978 |
| All reportable diseases | 14,198 | 11,079 | 24 | 16 |
| Chickenpox Gonorrhea Hepatitis, infect. & serum Influenza Leprosy Measles (Rubeola) Measles, German (Rubella) Meningitis, all types Mumps Salmonellosis Scarlet fever, other strep. Syphilis Tuberculosis All others | 948 4,256 239 585 27 51 438 84 42 603 5,919 89 584 333 | 685 3,409 253 352 31 9 13 94 38 485 4,959 105 290 356 | - 5 1 - - 11 - 1 - 6 | - 2 - 1 - 4 - - 8 |

Source: Hawaii State Department of Health, <u>Statistical Report, 1978</u>, p. 91.

Table 41.-- LIMITATION OF ACTIVITY DUE TO CHRONIC OR ACUTE CONDITIONS: ANNUAL AVERAGES, 1977-1978

| Type of limitation | Number |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| Persons with 1 or more chronic conditions No limitation of activity Limited, but not in major activity Limited in amount or kind of activity Unable to carry on major activity | 303,497 256,109 19,532 17,614 10,241 |
| Restricted days in past 12 months Per person $\underline{1}/$ | 10,612,444 |
| Bed days in past 12 months | 4,030,035 4.7 |
| Work days lost in past 12 months by employed persons 17 to 65 years old | 1,709,151 4.6 |
| School days lost in past 12 months by pupils 6 to 16 years old | 593,326 3.3 |

 $[\]underline{1}/$ Base includes persons without chronic or acute conditions or restricted activities.

Source: Hawaii State Department of Health, <u>Statistical Report, 1978</u>, pp. 64, 68 and 69.

Table 42.-- LEPROSY PATIENTS REGISTERED: 1975 TO 1979

| Subject | 1975 | 1976 | 1977 | 1978 | 1979 |
|---------------------------------------------------------------------------------------------------------------------|--------------------------------|------------------------------------|------------------------------------|-------------------------------|-------------------------------|
| Patients on register, Dec. 31 Medically released At home Kalaupapa Hale Mohalu or Leahi Not medically released | 405 400 264 135 1 | 421 417 284 131 2 4 | 421 417 288 128 1 4 | 437 434 304 127 3 | 458 458 328 124 6 |
| Net annual increase | 12 30 5 11 10 2 | 16 34 6 6 15 | 27 3 5 14 11 | 16 31 2 5 10 2 | 21 33 2 5 1 8 |

Source: Hawaii State Department of Health, <u>Statistical Report, 1979</u> (forthcoming).

Table 43.-- ADMISSIONS FOR TREATMENT OF ALCOHOL AND DRUG ABUSE: 1978 AND 1979

(Admissions to facilities funded by the Alcohol and Drug Abuse Branch of the Hawaii State Department of Health. Data include readmissions.)

| | Admissions | | |
|--------------------------|------------|-------|--|
| Substance | 1978 | 1979 | |
| Alcohol | 2,649 | 2,932 | |
| Drugs, total | 999 | 962 | |
| Heroin | 426 | 349 | |
| Other opiates | 16 | 16 | |
| Barbiturates | 72 | 67 | |
| Amphetamines | 17 | 21 | |
| Cocaine | 18 | 21 | |
| Marijuana | 205 | 217 | |
| Hallucinogens | 28 | 27 | |
| Inhalants | 47 | 87 | |
| Other | 25 | 37 | |
| No primary drug reported | 145 | 120 | |

Source: Hawaii State Department of Health, Alcohol and Drug Abuse Branch, information supplied July 16, 1980.

Table 44.-- HOSPITAL AND CARE HOME FACILITIES AND USE, BY TYPE OF INSTITUTION: 1978

| Category | Number of institutions 1/ | Beds, end of year | Admis- sions | Daily census | Length of stay | Percent occu- pancy |
|----------------------------------------------------------|---------------------------|----------------------------|------------------|------------------|-------------------|---------------------------|
| Acute care hospitals: Civilian Military | 22 1 | 2,260 538 | 94,606 19,149 | 1,558.8 430.9 | 6.0 8.2 | 69.0 80.1 |
| Specialty long-term care hospitals $\underline{2}/\dots$ | 8 | 1,038 | 1,910 | 804.4 | 435.2 | 77.5 |
| Skilled nursing and intermediate care facilities | 32 | 2,355 | 2,611 | 2,160.7 | 302.1 | 91.7 |
| Care homes: Residential Family | 15 249 | 497 963 | ••• | | ••• | ••• |

¹/ Some institutions are included in more than one category.

 $[\]frac{2}{2}$ Psychiatric, tuberculosis, mentally retarded, and other specialty long-term care hospitals.

Source: Hawaii State Department of Health, <u>Statistical Report</u>, 1978, pp. 74-77 and 146.

Table 45.-- BEDS IN HOSPITALS AND CARE HOMES, BY ISLANDS: 1978

| | Total | Acute care hospitals | | Specialty long- term care | Skilled nursing, intermed. | Care |
|-------------|-----------------------------------------|---------------------------------------|------------------------------|---------------------------|--------------------------------------|-------------------------------------|
| Island | beds | Civilian | Military | hospitals 1/ | facilities | homes |
| State total | 7,651 | 2,260 | 538 | 1,038 | 2,355 | 1,460 |
| Hawaii | 663 532 14 119 5,890 433 | 271 149 6 25 1,675 134 | - - - - 538 - | - - 24 994 20 | 336 346 8 6 1,538 121 | 56 37 - 64 1,145 158 |

 $[\]underline{1}/$ Includes psychiatric, tuberculosis, mentally retarded, and other hospitals.

Table 46.-- PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1977 TO 1979

| | Patients active, end of period | | | | | | Patients |
|----------------------|-----------------------------------|-------------------|-------------------------|-------------------------|-------------------------|-------------------------|----------------------------|
| Year | Total | In- patients | Out- patients | Total | Undupli- cated | Termina- tions | served (undup.) |
| 1977 1978 1979 | 6,905 6,886 6,392 | 226 263 333 | 6,679 6,623 6,059 | 5,453 5,441 4,564 | 5,171 5,068 4,265 | 5,529 5,522 5,057 | 11,806 11,642 10,713 |

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

Source: Hawaii State Department of Health, <u>Statistical Report</u>, 1978, pp. 74-77 and 146.

Table 47.-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY: 1970 TO 1980

(Hawaii State Hospital is the only large psychiatric hospital in Hawaii.)

| Number | | Admissio | ons <u>2</u> / | Patients in hospital | |
|--------|--------------------------------|----------|----------------|----------------------|---------|
| Year | of beds, June 30 <u>1</u> / | Total 3/ | First | Average 2/ | June 30 |
| 1970 | 687 | 1,052 | 714 | 577 | 564 |
| 1971 | 687 | 1,015 | 691 | 568 | 421 |
| 1972 | 419 | 726 | 480 | 371 | 260 |
| 1973 | 260 | 761 | 367 | 229 | 235 |
| 1974 | 224 | 869 | 402 | 251 | 297 |
| 1975 | 235 | 894 | 404 | 269 | 290 |
| 1976 | 235 | 1,008 | 484 | 273 | 232 |
| 1977 | 199 | 994 | 470 | 243 | 192 |
| 1978 | 199 | 737 | 350 | 179 | 169 |
| 1979 | 199 | 787 | 315 | 184 | 204 |
| 1980 | 199 | 816 | 321 | 226 | 239 |

 $[\]frac{1}{2}$ / Exact date not specified for 1970-1973. $\frac{2}{2}$ / Year ended June 30. $\frac{3}{2}$ / Excluding returns from conditional discharge, a classification that was eliminated after fiscal year 1973-1974. Source: Hawaii State Hospital, records.

Table 48.-- WAIMANO TRAINING SCHOOL AND HOSPITAL BEDS AND PATIENTS: 1970 TO 1980

(Waimano Training School and Hospital is the State institution for the mentally retarded.)

| Pada | | | Patients in | Patients on | |
|------|------------------|---------------|--------------------|-------------|-------------------|
| Year | Beds, June 30 | Admissions 1/ | Average <u>2</u> / | June 30 | leave, June 30 |
| 1970 | 753 | 82 | 747 | 753 | 453 |
| 1971 | 761 | 49 | 749 | 761 | 435 |
| 1972 | 747 | 36 | 741 | 723 | 456 |
| 1973 | 754 | 38 | 717 | 705 | 464 |
| 1974 | 754 | 37 | 694 | 702 | 473 |
| 1975 | 754 | 17 | 660 | 638 | 525 |
| 1976 | 754 | 10 | 602 | 587 | 546 |
| 1977 | 600 | 12 | 529 | 535 | 572 |
| 1978 | 600 | 13 | 491 | 482 | 599 |
| 1979 | 600 | 13 | 441 | 446 | 613 |
| 1980 | 575 | 12 | 437 | 423 | 627 |

 $[\]frac{1}{2}$ / 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 49.-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS LICENSED IN HAWAII, BY PLACE OF RESIDENCE: MAY 21, 1980

| Place of residence | Physicians and surgeons <u>1</u> / | Dentists | Regis- tered nurses | Pharma- cists |
|--------------------|------------------------------------------|----------|---------------------------|------------------|
| Total licensed | 2,493 | 822 | 7,413 | 565 |
| Hawaii residents | 1,643 | 616 | 5,583 | 364 |
| Hawaii | 117 | 57 | 469 | 30 |
| Maui | 100 | 32 | 357 | 28 |
| Lanai | 3 | 1 | 12 | _ |
| Molokai | 3 | 4 | 25 | 2 |
| Oahu | 1,361 | 503 | 4,518 | 289 |
| Kauai | 59 | 19 | 202 | 15 |
| Niihau | _ | _ | | - |
| Nonresidents | 850 | 206 | 1,830 | 201 |

1/ Permanent only.
 Source: Hawaii State Department of Regulatory Agencies,
Professional and Vocational Licensing Division, records.

Table 50.-- MARRIAGES AND DIVORCES: 1970 TO 1979

(Place of occurrence basis.)

| | | Divorces and | Rate per 1,000 resident population | | orces resident population marriages | | |
|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------------------------------------------------------|--|
| Calendar year | Marriages | annul- ments <u>1</u> / | Marriages | Divorces <u>1</u> / | Resident grooms | Inter- racial | |
| 1970 1971 1972 1973 1974 1975 1976 1977 1978 | 10,599 9,734 9,750 9,776 9,649 9,673 9,769 10,266 10,736 11,679 | 2,589 3,691 3,891 4,170 4,111 4,265 4,712 4,601 4,837 5,056 | 13.7 12.2 11.9 11.6 11.3 11.1 11.5 11.9 | 3.3 4.6 4.7 4.9 4.8 4.9 5.3 5.2 5.4 | 69.3 77.3 81.3 84.7 84.6 84.4 82.4 79.3 77.7 (NA) | 33.7 38.7 38.6 40.6 40.1 39.6 38.8 37.5 37.9 (NA) | |

NA Not available.

Source: Hawaii State Department of Health, "Vital Statistics and Population of Hawaii, 1900 to 1973," R & S Report, No. 5 (June 1974); Annual Report, Statistical Supplement for 1970-1978; and "Preliminary Vital Statistics Summary, State of Hawaii, 1979."

^{1/} Final decrees only. An interlocutory decree of one year was established May 8, 1965, reduced to six months on July 3, 1969, and abolished July 1, 1971.

Table 51.-- CHARACTERISTICS OF MARRIAGES AND DIVORCES: 1968 TO 1978

[Place of occurrence basis.]

| | | | |
|--------------------------------------|-------------|--------------|---------|
| Subject | 1968 | 1977 | 1978 |
| MARRIAGES | | | |
| Number | 9,021 | 9,769 | 10,736 |
| Percent on Oahu | 86.9 | 78.0 | 73.0 |
| Percent Hawaii residents: | | 73.0 | |
| Both bride and groom | 66.6 | 79.6 | 75.2 |
| One partner only | 10.2 | 5.5 | 5.3 |
| Neither bride nor groom | 23.2 | 14.9 | 19.4 |
| Median age (years): | | 07.0 | |
| Groom | 24.4 | 27.0 | 27.9 |
| Bride | 22.9 | 24.5 | 25.3 |
| Percent previously married: Groom | 19.4 | 33.4 | 36.5 |
| Bride | 20.0 | 32.2 | 35.3 |
| | | | |
| DIVORCES AND ANNULMENTS | | | |
| Number 1/ | 1,865 | 4,712 | 4,837 |
| Divorces | 1,838 | 4,687 | 4,821 |
| Annulments | 27 | 25 | 10 |
| Percent occurring on Oahu | 86.0 | 83.6 | 81.8 |
| Percent nonresident: | | | |
| Husband | 13.5 | 11.0 | 12.4 |
| Wife | 14.7 | 12.4 76.6 | 11.8 |
| Neither partner Median age (years): | /1.9 | /0.0 | /5.9 |
| Husband | 35.2 | 31.6 | 32.3 |
| Wife | 31.8 | 29.0 | 29.6 |
| Percent interracial | 35.9 | 37.6 | 38.6 |
| Percent with children under 18 years | 55.4 | 58.5 | 54.7 |
| Median years married | 7.3 | 5.5 | 5.7 |
| | | 1 | <u></u> |

 $[\]underline{1}/$ Includes unspecified type of decree (6 in 1978). Source: Hawaii State Department of Health, Statistical Report (annual).