

## SECTION 2

# VITAL STATISTICS AND HEALTH

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

Vital indices generally reflect the high health standards of Hawaii. Expectation of life at birth was 70.46 years for males and 77.18 years for females in 1969-1971, about twice the 1884-1885 average of 36.5 years. The crude death rate in 1972 was only 5.8, half the 1930 level and four-fifths below mortality rates at the turn of the century. Deaths under one year of age per 1,000 live births dropped from 205 in 1910 to 17.5 in 1972. Diseases of the heart have accounted for a third of all deaths in recent years; cancer, for one-fifth. The 1972 crude birth rate was 20.2, compared with 29.7 a decade earlier. Over 99 percent of all babies were born in hospitals, and a fourth were born to military couples. One out of eleven births was illegitimate. There were 6,162 fetal deaths in 1972, including 4,547 induced abortions. Marriages numbered 9,750 in 1972, with about a fifth accounted for by nonresidents. Divorces reached a 1972 total of 3,891. The State had 31 hospitals (with 4,252 beds) and 161 nursing and care homes (with 2,031 beds) when most recently surveyed. Average length of stay in the largest of the hospitals was 7.0 days in 1973, compared with 13.0 in 1920 and 59 in the 1870's. State licensing boards listed 2,039 physicians and surgeons, 714 dentists, 4,735 professional nurses, and 379 pharmacists.

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. Section 2 of the *Statistical Abstract of the United States: 1973* contains similar data for the nation as a whole.

**Table 27.—BIRTHS, DEATHS, AND INFANT DEATHS: 1849 TO 1973**  
 (Place of occurrence basis. Not adjusted for underregistration, known to have been significant before 1920. All data refer to calendar years unless otherwise specified)

Year	Live births	Deaths <sup>1</sup>	Rate per 1,000 pop. <sup>2</sup>		Infant death rate <sup>3</sup>	Percent of births in hospitals	Illegitimate birth per 1,000 live births
			Birth	Death <sup>1</sup>			
1849 .....	1,422	4,320	16.6	50.5	(NA)	(NA)	(NA)
1855 .....	1,642	1,685	22.5	23.1	(NA)	(NA)	(NA)
1860 .....	1,672	2,343	23.8	33.4	(NA)	(NA)	(NA)
1866 .....	1,713	2,941	26.9	46.2	(NA)	(NA)	(NA)
1870 .....	2,413	3,819	40.8	64.6	(NA)	(NA)	(NA)
1875 .....	2,558	2,988	47.2	55.1	(NA)	(NA)	(NA)
1880-81 <sup>4</sup> .....	2,350	2,550	35.6	38.6	(NA)	(NA)	(NA)
1884-85 <sup>4</sup> .....	1,589	1,792	19.7	22.2	(NA)	(NA)	(NA)
1890 .....	(NA)	(NA)	(NA)	30.6	(NA)	(NA)	(NA)
1895 .....	(NA)	(NA)	(NA)	26.5	(NA)	(NA)	(NA)
1900 .....	(NA)	(NA)	(NA)	32.8	(NA)	(NA)	(NA)
1905 <sup>5</sup> .....	2,609	2,686	15.7	16.1	319.5	(NA)	(NA)
1910 <sup>6</sup> .....	4,302	2,941	22.8	15.6	205.5	(NA)	(NA)
1915 <sup>7</sup> .....	7,278	3,556	33.1	16.2	156.8	(NA)	(NA)
1920 <sup>7</sup> .....	10,165	4,564	40.4	18.1	108.8	(NA)	(NA)
1925 <sup>7</sup> .....	13,109	4,017	43.3	13.3	112.2	(NA)	12.6
1930 <sup>7</sup> .....	10,873	3,976	31.1	11.4	82.3	10.0*	26.6
1935 <sup>7</sup> .....	9,252	3,236	25.1	8.8	67.4	37.0	52.0
1940 <sup>7</sup> .....	9,524	3,025	24.1	7.6	43.7	69.5	62.5
1945 <sup>7</sup> .....	12,299	2,829	26.7	6.2	27.6	91.2	72.9
1950 .....	14,059	2,883	29.4	6.0	23.8	97.1	49.7
1955 .....	16,305	3,087	33.8	6.4	20.6	98.8	49.5
1960 .....	17,193	3,540	29.5	6.1	23.2	99.1	51.3
1961 .....	17,558	3,367	29.4	5.6	21.7	99.1	57.6
1962 .....	17,932	3,512	29.7	5.8	20.6	99.3	60.3
1963 .....	17,744	3,643	28.5	5.9	22.5	99.3	64.1
1964 .....	17,284	3,638	27.6	5.8	19.8	99.5	66.6
1965 .....	16,259	3,705	25.0	5.7	21.5	99.3	72.1
1966 .....	14,943	3,770	22.8	5.7	18.9	99.4	83.8
1967 .....	14,765	3,897	22.2	5.8	16.9	99.5	87.5
1968 .....	14,595	4,192	21.5	6.2	19.0	99.3	94.8
1969 .....	15,755	4,146	22.5	5.9	19.2	99.5	94.5
1970 .....	16,467	4,125	22.9	5.7	19.1	99.5	94.6
1971 .....	15,845	4,304	21.3	5.8	16.0	99.4	88.4
1972 .....	15,413	4,430	20.2	5.8	17.5	99.2	93.0
1973 <sup>8</sup> .....	15,356	4,522	19.8	5.8	13.6	(NA)	(NA)

\*1931 estimate.

NA Not available.

<sup>1</sup>Death data include armed forces through 1940 but exclude them thereafter. The 1890, 1895, and 1900 rates are for Honolulu only.

<sup>2</sup>Based on total resident population through 1900 and civilian resident population thereafter.

<sup>3</sup>Deaths under one year per 1,000 live births. The 1905 rate is for Honolulu and Hilo Districts.

<sup>4</sup>Annual averages for two-year period.

<sup>5</sup>The infant death rate refers to the year ended June 30.

<sup>6</sup>All data refer to the year ended June 30.

<sup>7</sup>All data except the infant death rate refer to the year ended June 30.

<sup>8</sup>Preliminary.

Source: Robert C. Schmitt, *Demographic Statistics of Hawaii: 1778-1965* (University of Hawaii Press, 1968), pp. 165-167 and 171; Hawaii State Department of Health, *Annual Report for 1925-1950, Annual Report, Statistical Supplement for 1955 and later years, and records.*



**Table 28.—BIRTHS, DEATHS, AND BIRTH AND DEATH RATES, BY MILITARY STATUS: 1972 AND 1973**  
(Place of residence basis)

Military status	Resident population		Live births		Deaths		Birth rate <sup>1</sup>		Death rate <sup>1</sup>	
	1972	1973 <sup>2</sup>	1972	1973 <sup>2</sup>	1972	1973 <sup>2</sup>	1972	1973 <sup>2</sup>	1972	1973 <sup>2</sup>
Total population .....	816,149	832,147	15,364	15,106	4,246	4,308	18.8	18.2	5.2	5.2
Armed forces .....	51,971	56,393	—	—	27	33	—	—	0.5	0.6
Civilians .....	764,178	775,754	15,364	15,106	4,219	4,275	20.1	19.5	5.5	5.5
Military dependents .....	66,222	70,299	3,543	3,624	159	169	53.5	51.6	2.4	2.4
Other civilians .....	697,956	705,455	11,821	11,482	4,060	4,106	16.9	16.3	5.8	5.8
Armed forces and dependents .....	118,193	126,692	3,543	3,624	186	202	30.0	28.6	1.6	1.6

<sup>1</sup>Per 1,000 resident population.

<sup>2</sup>Provisional.

Source: Population from the Hawaii State Department of Planning and Economic Development, Statistical Report 102. Births and deaths from Hawaii State Department of Health, records.

**Table 29.—CHARACTERISTICS OF BIRTHS AND DEATHS: 1962 TO 1972**  
(Place of occurrence basis)

Subject	1962	1971	1972
<b>LIVE BIRTHS</b>			
Number .....	17,932	15,845	15,413
Percent on Oahu .....	84.7	83.1	81.8
Males per 100 females .....	104.4	107.6	106.1
Percent attended by physician .....	99.7	99.7	99.6
Percent with prenatal visit in first 3 months .....	45.9	62.9	64.7
Percent of mixed race <sup>1</sup> .....	37.7	41.7	42.0
Median age of mother (years) .....	25.6	24.9	25.1
Percent first births .....	26.4	38.4	39.4
Median weight of single births (grams) .....	3,192	3,242	*3,253
Percent of births plural .....	1.6	1.5	1.4
Percent premature .....	8.4	8.4	7.9
Percent with 1 or more congenital malformations .....	0.9	1.1	1.1
<b>CIVILIAN DEATHS</b>			
Number .....	3,512	4,304	4,430
Percent on Oahu .....	73.5	75.2	74.6
Males per 100 females .....	170.3	156.7	157.1
Median age (years) .....	63.7	66.0	66.6
Disposition (percent): Burial .....	57.3	52.0	51.7
Cremation .....	36.0	37.5	38.1
Removal .....	} 6.7	} 9.6	9.3
Other .....			0.9
<b>INFANT DEATHS</b>			
Number .....	369	254	270
Rate per 1,000 live births, total .....	20.6	16.0	17.5
Under 1 day .....	10.8	7.7	9.1
1 to 6 days .....	4.5	3.2	3.2
7 to 27 days .....	1.2	1.3	1.6
28 days to 11 months .....	4.0	3.8	3.7
<b>FETAL DEATHS</b>			
Number .....	1,223	5,739	6,162
Per 1,000 deliveries .....	64	266	286
20 weeks or more gestation .....	234	372	352
Elective abortions .....	9	4,135	4,547
Per 1,000 live births .....	0.5	261	295

\*7 lb., 3 oz.

NA Not available.

<sup>1</sup>Includes part Hawaiian. Excludes births with unknown parentage.

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

✓ Table 30.—CIVILIAN DEATHS, BY CAUSE: 1932 TO 1972

Cause of death <sup>1</sup>	Number, 1972	Percent distribution			Rate per 100,000 population		
		1972	1962	1932 <sup>2</sup>	1972	1962	1932 <sup>2</sup>
All causes .....	4,246	100.0	100.0	100.0	525.1	563.9	953.2
Diseases of the heart .....	1,420	33.5	34.2	10.4	175.6	192.9	98.7
Malignant neoplasms .....	872	20.5	16.3	7.6	107.9	92.1	72.2
Cerebrovascular diseases .....	404	9.5	9.0	5.3	50.0	50.5	50.6
All accidents .....	252	5.9	5.8	7.2	31.2	32.8	68.6
Certain causes in early infancy .....	166	3.9	7.0	6.7	20.5	39.4	63.6
Influenza and pneumonia .....	166	3.9	4.3	11.5	20.5	24.2	109.9
Diabetes mellitus .....	111	2.6	2.5	1.0	13.7	14.2	9.4
Suicides .....	77	1.8	1.7	1.8	9.5	9.6	17.4
Cirrhosis of liver .....	68	1.6	1.4	1.1	8.4	7.8	10.4
Bronchitis, asthma, emphysema .....	58	1.4	1.6	...	7.2	8.9	...
Congenital anomalies .....	57	1.4	2.7	1.7	7.1	15.2	16.6
Homicide .....	55	1.3	0.4	0.6	6.8	2.1	6.2
Other diseases of arteries .....	43	1.0	...	...	5.3	...	...
Arteriosclerosis .....	34	0.8	1.2	1.1	4.2	6.9	10.1
Other external causes .....	34	0.8	...	...	4.2	...	...
All other causes .....	429	10.1	11.9	44.0	53.0	67.3	419.5

NA Not available.

<sup>1</sup>The leading causes of death in 1972, listed in order of deaths for that year.

<sup>2</sup>Includes armed forces.

Source: *Statistical Report, Department of Health, State of Hawaii, 1972*, p. 31.

**Table 31.—ACCIDENTS AND NATURAL DISASTERS CAUSING FIVE OR MORE DEATHS:  
1779 TO 1973**

Category or year	All disasters		Worst disaster	
	Number	Deaths	Year or category	Deaths
All categories, 1779-1973 .....	123	5,715	1941	2,500
Natural disasters .....	11	755	1790	400
Tsunami .....	5	287	1946	159
Flood, wind, or earth movement .....	5	68	1868	31
Volcano .....	1	400	1790	400
Fire or explosion .....	6	219	1944	163
Transportation <sup>1</sup> .....	99	2,069	1830	250
Marine .....	51	1,501	1830	250
Air .....	41	528	1955	66
Railroad or motor vehicle .....	7	40	1944, 1969	7
Violence <sup>2</sup> .....	7	2,672	1941	2,500
Pearl Harbor attack .....	1	2,500	1941	2,500
Assault, murder, or riot .....	6	172	1790	100+
1779-1789 .....	1	35	Violence	35
1790-1799 .....	4	511	Volcano	400
1800-1809 .....	1	14	Marine	14
1810-1819 .....	—	—	—	—
1820-1829 .....	—	—	—	—
1830-1839 .....	3	271	Marine	250
1840-1849 .....	5	91	Marine	37
1850-1859 .....	3	80	Marine	70
1860-1869 .....	4	303	Marine	210
1870-1879 .....	3	22	Marine	11
1880-1889 .....	7	57	Marine	13
1890-1899 .....	3	26	Marine	14
1900-1909 .....	7	365	Marine	140
1910-1919 .....	6	79	Marine	25
1920-1929 .....	5	118	Marine	48
1930-1939 .....	7	66	Marine	25
1940-1949 .....	30	3,141	Pearl Har.	2,500
1950-1959 .....	16	274	Air	66
1960-1969 .....	10	183	Tsunami	61
1970 .....	1	5	Auto	5
1971 .....	3	35	Air	24
1972 .....	2	28	Marine	20
1973 .....	2	11	Air	6

<sup>1</sup>Includes ships or aircraft that sank, crashed or vanished elsewhere, if Hawaii was their next (or last) port of call, or if Hawaii was the first land reached by survivors.

<sup>2</sup>Includes the Pearl Harbor attack but excludes the wars of the late 18th and early 19th centuries and the Battle of Midway.

Source: Robert C. Schmitt, "Catastrophic Mortality in Hawaii," *The Hawaiian Journal of History*, Vol. 3 (1969), pp. 66-86, as updated to December 31, 1973.

✓ **Table 32.—AVERAGE REMAINING LIFETIME AT SPECIFIED AGES: 1884-1885 TO 1969-1971**

Sex and year	Birth	1	15	25	45	65
<b>Both sexes:<sup>1</sup></b>						
1884-1885 .....	36.5	41.2	33.9	27.8	18.4	5.1
<b>Male:</b>						
1919-1920 .....	47.80	52.55	43.10	36.28	23.20	11.33
1929-1931 .....	53.09	58.31	47.65	39.29	23.48	11.10
1939-1941 .....	59.46	61.79	49.38	40.31	23.37	9.10
1949-1951 .....	67.76	68.77	55.54	46.20	28.01	13.70
1959-1961 .....	69.79	70.64	57.14	47.75	29.18	14.05
1969-1971 .....	70.46	71.09	57.52	48.21	29.97	14.80
<b>Female:</b>						
1919-1920 .....	47.30	51.32	41.83	35.79	24.73	12.33
1929-1931 .....	56.28	59.93	48.89	40.68	25.47	11.83
1939-1941 .....	62.60	64.32	51.67	42.51	25.26	9.85
1949-1951 .....	71.27	71.84	58.51	48.93	30.50	15.11
1959-1961 .....	74.01	74.50	60.97	51.27	32.33	16.28
1969-1971 .....	77.18	77.45	63.88	54.21	35.37	18.64

<sup>1</sup>City of Honolulu only.

Source: Robert C. Schmitt, *Demographic Statistics of Hawaii: 1778-1965* (University of Hawaii Press, 1968), p. 172; Robert W. Gardner and Eleanor C. Nordyke, *The Demographic Situation in Hawaii*, Papers of the East-West Population Institute, No. 31 (June 1974), pp. 64-75.

**Table 33.—ABORTIONS: MARCH 13, 1970 TO DECEMBER 31, 1971**

(Covers the first 21½ months of experience following legalization of induced abortion by Act I, Session Laws of 1970, which became effective March 11, 1970)

Subject	Number	Subject	Number
Number performed .....	7,148	Average age of woman (years) .....	24.7
Abortions per 1,000 live births .....	244	Currently married (percent) .....	36.6
Performed on Oahu (percent) .....	93.4	Hawaii resident under 1 year (percent) .....	17.4
Gestation 13 weeks or over (percent) .....	12.8	Protestant (percent) .....	39.7
By dilatation and curettage and/or suction (percent) .....	89.7	Roman Catholic (percent) .....	28.9
With complications (percent) .....	6.9	Income under \$6,000 (percent) .....	34.0
Deaths .....	1	Not using birth control (percent) .....	64.4
In hospital 13 hours or more (percent) .....	42.6	First abortion (percent) .....	89.3
Usual cost (dollars) .....	350		

Source: Roy G. Smith, Patricia G. Steinhoff, James A. Palmore, and Milton Diamond, "Abortion in Hawaii: 1970-1971," *Hawaii Medical Journal*, July-August 1973, pp. 213-220.

Table 34.—HOSPITAL FACILITIES AND USE: 1931 TO 1972

Subject	Hospitals <sup>1</sup>					Nursing and care homes 1972
	1931	1947	1960	1970	1972	
Number of institutions .....	36	41	34	31	31	161
Oahu .....	12	15	19	17	17	136
Other islands .....	24	26	15	14	14	25
Total beds .....	2,968	4,687	5,087	5,021	4,252	2,031
Acceptable beds .....	—	—	4,145	2,698	...	...
Bassinets .....	107	396	393	326	323	...
Percent occupancy .....	75	76	71	77	74	93
Average census .....	2,212	3,541	3,626	3,848	3,148	1,897
Patient days .....	807,380	1,292,465	1,323,823	1,405,019	1,149,104	692,391
Admissions .....	31,053	65,198	83,327	88,861	89,797	1,610
Average stay (days) .....	26.0	19.8	15.9	15.8	12.8	430.1

<sup>1</sup>Excludes Waimano Home, Kalaupapa Settlement, and hospitals not registered with the American Medical Association, 1931 and 1947, State Hospital in 1972, and military hospitals in all years.

Source: Raymond G. Nebelung and Robert C. Schmitt, *Hawaii's Hospitals, Past, Present and Future* (1948), pp. 29-38, 48, and 64; *Statistical Report, Department of Health*, for 1960, 1970, and 1972.

Table 35.—BEDS IN HOSPITALS AND NURSING AND CARE HOMES, BY TYPE AND ISLAND: 1972

Type of facility and bed	State total	Hawaii	Maui	Lanai	Molokai	Oahu	Kauai
<b>HOSPITALS<sup>1</sup></b>							
All beds .....	4,623	502	317	14	296	3,180	314
General or acute .....	1,950	266	157	14	31	1,349	133
Matern.-gyn. ....	131	—	—	—	—	131	—
Pediatric .....	80	—	—	—	—	80	—
Mental <sup>2</sup> .....	1,302	20	50	—	—	1,160	72
Tuberculosis .....	131	36	19	—	—	64	12
Orthopedic .....	40	—	—	—	—	40	—
Leprosy .....	372	—	—	—	265	107	—
Long-term .....	553	180	91	—	—	185	97
Rehabilitation .....	64	—	—	—	—	64	—
<b>HOMES</b>							
All types .....	2,031	28	140	—	—	1,808	55
Nursing homes .....	951	—	124	—	—	827	—
Care homes .....	1,080	28	16	—	—	981	55

<sup>1</sup>Excludes Tripler General Hospital, a 750-bed armed forces hospital on Oahu.

<sup>2</sup>Data for State Hospital (Oahu, 371 beds) refer to 1971.

Source: *Statistical Report, Department of Health, State of Hawaii, 1972*, pp. 133-136.



Table 36.—SELECTED LONG-TERM CONDITIONS: 1870 TO 1973

Year	Hawaii State Hospital <sup>1</sup>			Waimano Training School & Hospital <sup>2</sup>		Kalaupapa Settlement <sup>3</sup>			Tuberculosis		
	Admissions <sup>4</sup>		Average census <sup>5</sup>	First admissions <sup>6</sup>	Average census <sup>7</sup>	Admissions	Deaths	Active cases, end of year	Active new cases	Deaths	On active TB register, year end
	Total	First									
1870 .....	21	(NA)	32	—	—	57	58	279	(NA)	(NA)	—
1880 .....	24	(NA)	36	—	—	51	152	606	(NA)	(NA)	—
1890 .....	33	(NA)	70	—	—	202	158	1,213	(NA)	(NA)	—
1900 .....	57	(NA)	155	—	—	101	85	1,023	(NA)	249	—
1910 .....	94	(NA)	225	—	—	47	90	621	(NA)	330	—
1920 .....	108	(NA)	368	—	—	1	53	546	1,056	531	944
1930 .....	236	208	560	18	190	98	36	510	1,060	379	2,325
1940 .....	289	218	901	34	364	(NA)	(NA)	350	717	257	1,474
1950 .....	509	426	1,088	16	665	(NA)	(NA)	180	339	114	1,106
1960 .....	389	257	1,173	46	833	9	2	80	293	13	701
1970 .....	1,052	714	577	82	747	5	2	30	270	13	312
1971 .....	1,015	691	568	49	749	8	—	29	328	13	315
1972 .....	726	480	371	36	741	—	3	26	315	7	289
1973 .....	761	367	229	35	717	—	3	19	303	8	307

NA Not available.

<sup>1</sup>This is the only major mental hospital in Hawaii. It was opened, as Oahu Insane Asylum, at School and Lanakila Streets, Honolulu, in September 1866. It was renamed Territorial Hospital in 1925 and State Hospital in 1959. Most of the patients were moved to the new site near Kaneohe in January 1930.

<sup>2</sup>This is the only institution for mental deficiency in Hawaii. It was opened, as the Home for Feeble-Minded Persons, in March 1921. It was renamed Waimano Home in 1923 and Waimano Training School and Hospital in 1961.

<sup>3</sup>This was for many years the major facility for leprosy patients in Hawaii. It received its first patients in January 1866. Other patients were cared for at Kalihi Hospital (November 1865 to October 1949) and Hale Mohalu (October 1949 to the present). The latter institution had 15 active patients as of December 31, 1973.

<sup>4</sup>Excludes returns from conditional discharge or escape. Data for 1870-1890 are annual averages for four-year periods centered on April 1.

<sup>5</sup>Data for 1870-1900 and 1920 are end-of-year totals (March 31, 1870 to 1890, December 31, 1900, and June 30, 1920).

<sup>6</sup>Excludes returns from community placement.

<sup>7</sup>The 1960 figure is the end-of-the-year (December 31) total.

Source: *Annual Report of the Board of Health, 1868-1950*; *Statistical Report, Department of Health, 1959-1971*; *Report of the Governor of Hawaii to the Secretary of the Interior, 1930 and 1940*; *Annual Report of the Department of Institutions, 1940-1950*; Raymond G. Nebelung and Robert C. Schmitt, *Hawaii's Hospitals, Past, Present and Future* (1948); Hawaii State Department of Health, records; Hawaii State Hospital, records; Waimano Training School and Hospital, records.

36A. DENTAL HEALTH OF INTERMEDIATE AND HIGH SCHOOL STUDENTS ON OAHU: 1967-68

✓ 36B. SPECIFIED COMMUNICABLE DISEASES 1963-73

**Table 37.—PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS LICENSED IN HAWAII:  
1973 AND 1974**

Date, type of license, and place of residence	Physicians (M.D.)	Dentists	Registered nurses	Pharmacists
<b>MARCH 28, 1973</b>				
Total licensed .....	1,901	662	4,021	321
Permanently licensed .....	1,711	662	4,021	321
Hawaii .....	64	33	230	14
Maui .....	44	18	173	15
Lanai .....	2	1	7	—
Molokai .....	5	1	21	2
Oahu .....	993	428	2,868	211
Kauai .....	34	16	106	8
Nonresident .....	569	165	616	71
Limited and temporary licenses .....	190	—	—	—
<b>APRIL 2, 1974</b>				
Total licensed .....	2,039	714	4,735	379
Permanently licensed <sup>1</sup> .....	1,933	714	4,735	379
Limited and temporary licenses .....	106	—	—	—

<sup>1</sup>Not available by place of residence.

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

Table 38.—MARRIAGES AND DIVORCES: 1845 TO 1973  
(Place of occurrence basis. Data are for calendar years unless otherwise specified.)

Year	Marriages	Divorces and annulments	Rate per 1,000 pop. <sup>1</sup>		Percent of marriages	
			Marriages	Divorces	Resident groomers	Inter-racial
1845	1,831	(NA)	18.9	(NA)	(NA)	(NA)
1850	(NA)	7	(NA)	0.1	(NA)	(NA)
1855	933	78	12.8	1.1	(NA)	(NA)
1860 <sup>2</sup>	1,075	86	15.3	1.2	(NA)	(NA)
1864-65 <sup>3</sup>	(NA)	26	(NA)	0.4	(NA)	(NA)
1870-71 <sup>3</sup>	(NA)	38	(NA)	0.7	(NA)	(NA)
1874-75 <sup>3</sup>	(NA)	4	(NA)	0.1	(NA)	(NA)
1880-81 <sup>3</sup>	(NA)	79	(NA)	1.2	(NA)	(NA)
1884-85 <sup>3</sup>	(NA)	54	(NA)	0.7	(NA)	(NA)
1890-91 <sup>3</sup>	(NA)	48	(NA)	0.5	(NA)	(NA)
1895	(NA)	68	(NA)	0.7	(NA)	(NA)
1900	(NA)	48	(NA)	0.3	(NA)	(NA)
1905 <sup>4</sup>	1,180	109	7.0	0.7	(NA)	(NA)
1910 <sup>4</sup>	1,959	197	10.4	1.0	(NA)	(NA)
1915 <sup>5</sup>	2,705	389	12.2	1.8	(NA)	11.5
1920 <sup>5</sup>	2,127	570	8.4	2.2	(NA)	18.0
1925 <sup>5</sup>	2,736	627	8.8	2.0	(NA)	21.9
1930 <sup>5</sup>	2,443	529	6.9	1.5	(NA)	21.6
1935 <sup>6</sup>	2,985	690	8.0	1.9	(NA)	20.0
1940 <sup>6</sup>	5,355	946	13.5	2.4	(NA)	25.0
1945 <sup>6</sup>	4,978	1,530	10.8	3.3	(NA)	32.2
1950	5,575	1,173	11.7	2.5	(NA)	29.7
1955	5,431	1,343	11.3	2.8	(NA)	31.3
1960	5,237	1,270	9.0	2.2	96.3	37.3
1961	5,298	1,556	8.9	2.6	96.3	36.1
1962	5,484	1,471	9.1	2.4	96.5	37.7
1963	5,750	1,515	9.2	2.4	95.9	38.6
1964	5,790	1,690	9.2	2.7	94.7	38.3
1965 <sup>7</sup>	6,071	1,111	9.3	1.7	93.9	38.1
1966 <sup>7</sup>	5,792	897	8.8	1.4	92.5	37.7
1967 <sup>7</sup>	7,345	1,451	11.0	2.2	80.4	33.5
1968 <sup>7</sup>	9,021	1,865	13.3	2.8	70.1	33.8
1969 <sup>7</sup>	9,891	2,314	14.1	3.3	67.8	33.7
1970 <sup>7</sup>	10,599	2,589	14.7	3.6	69.3	33.7
1971 <sup>7</sup>	9,734	3,690	13.1	5.0	77.3	38.7
1972	9,750	3,891	12.8	5.1	81.3	38.6
1973 <sup>8</sup>	9,774	4,170	12.6	5.4	(NA)	(NA)

NA Not Available.

<sup>1</sup>Based on resident civilian population.

<sup>2</sup>Divorce data are annual averages for 24-month period ended March 31, 1862.

<sup>3</sup>Annual averages for two-year period.

<sup>4</sup>Marriage data refer to year ended June 30.

<sup>5</sup>Interracial marriage percentage refers to four-year period ended June 30, 1916 (for 1915), 1924 (for 1920), 1928 (for 1925), and 1934 (for 1930).

<sup>6</sup>Interracial marriage percentage refers to year ended June 30.

<sup>7</sup>Divorce data are for final decrees only. An interlocutory decree of one year was established as of May 8, 1965; it was reduced to six months as of June 3, 1969 and abolished July 1, 1971.

<sup>8</sup>Preliminary.

Source: Robert C. Schmitt, *Demographic Statistics of Hawaii: 1778-1965* (University of Hawaii Press, 1968), pp. 210-212; Hawaii State Department of Health, *Annual Report, Statistical Supplement* for 1966-1972, and records.

✓ Table 39.—MARRIAGES OCCURRING IN HAWAII, BY RACE OF PARTNERS: 1972

Race of groom	Race of bride													Outmarriage among grooms	
	All races	Caucasian	Haw'n	Part Haw'n	Chinese	Filipino	Japanese	Puerto Rican	Korean	Samoan	Negro	Other races	Unknown	Number	Percent
All races .....	9,750	3,960	66	1,580	370	1,195	1,879	127	197	143	80	152	1	3,765	38.6
Caucasian .....	4,355	3,095	19	375	86	251	334	31	74	18	15	56	1	1,260	28.9
Hawaiian .....	95	29	11	41	2	4	6	1	1	—	—	—	—	84	88.4
Part Hawaiian .....	1,424	333	17	684	34	139	131	25	18	11	5	27	—	740	52.0
Chinese .....	342	54	—	21	134	17	94	3	14	3	—	2	—	208	60.8
Filipino .....	1,138	168	4	191	15	648	78	15	2	6	—	11	—	490	43.1
Japanese .....	1,659	132	6	103	78	74	1,194	8	48	1	1	14	—	465	28.0
Puerto Rican .....	143	32	2	48	1	18	6	34	1	—	—	1	—	109	76.2
Korean .....	106	13	2	10	10	9	25	1	32	3	—	1	—	74	69.8
Samoan .....	134	13	—	21	5	2	—	—	—	91	—	2	—	43	32.1
Negro .....	184	36	4	43	3	15	2	5	6	6	58	6	—	126	68.5
Other races .....	170	55	1	43	2	18	9	4	1	32	1	4	—	166	97.6
Outmarriages .....	3,765	865	55	896	236	547	685	93	165	52	22	148	1	—	—
Percent .....	38.6	21.8	83.3	56.7	63.8	45.8	36.5	73.2	83.8	36.4	27.5	97.4	...	—	—

Source: Statistical Report, Department of Health, State of Hawaii, 1972, p. 52.

*39a Marriages, Total and Inter-racial, by Usual Occupation of Groom*