

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

Narrative

02.01	Births and Deaths: 2000 to 2022
02.02	Births and Deaths, by Military Status: 2017 to 2022
02.03	Resident Live Births, Standard Fetal Deaths, and Elective Abortions: 2000 to 2022
02.04	Births and Deaths, by Residence: 2005 to 2022
02.05	Characteristics of Resident Births: 2019 to 2022
02.06	Birth and Fertility Rates for Hawaii and the United States: 1990 to 2022
02.07	Resident Births, By Racial Makeup and Military Status of Parent: 2019 to 2022
02.08	Most Common First Names on Birth Certificates, by Sex: 2022
02.09	Most Common Surnames on Birth and Death Certificates: 2022
02.10	Expectation of Life at Birth for Both Sexes Combined, by Race, 1910 to 1990, and by Sex and Race, 2000 and 2010
02.11	Expectation of Life at Birth, by Sex, for Hawaii and the United States: 1920 to 2020
02.12	Life Expectancy at Birth for 2020 and Projected Life Expectancy at Birth for 2050, by Sex, by County
02.13	Life Expectancy, By Sex for Hawaii and the United States: 1959-1961 to 2020
02.14	Remaining Life Expectancy at Selected Ages: 2020
02.15	Remaining Life Expectancy at Selected Ages: 2021
02.16	Selected Life Table Values: 2020
02.17	Characteristics of Resident Deaths: 2019 to 2022
02.18	Causes of Death, by Sex: 2022
02.19	Greatest Catastrophic Mortality of Record, by Type of Disaster: 1778 to 2024
02.20	Catastrophic Mortality: 1994 to 2024
02.21	Deaths by Method of Disposition: 1980 to 2022
02.22	Persons on the State Blind Register, by County, 2005 to 2022, and by Level of Visual Impairment, 2022
02.23	Specified Communicable Diseases: 2018 to 2022
02.24	Health Risk Behaviors and Conditions for Persons 18 Years and Older, by County: 2022
02.25	Number and Bed Capacity of State-Approved Facilities, by Type of Facility: 2010 to 2022
02.26	Occupancy Characteristics of State-Approved Acute and Long-Term Care Civilian Facilities: 2010 to 2022
02.27	Number and Bed Capacity of State-Approved Civilian Facilities, by Type of Facility, by Island: 2022

Table
Number **Table Name**

(Click on the table number to go to corresponding table)

02.28	Number and Bed Capacity of State-Licensed Adult Residential Care Homes (ARCH), by Type of Facility and Island: 2024
02.29	Occupancy Characteristics of State-Approved Acute and Long-Term Care Civilian Facilities, by Island: 2022
02.30	Characteristics of Youths Registered for State Child and Adolescent Mental Health Services: 2018 to 2022
02.31	Adult Patients Served by State Mental Health Facilities: 2010 to 2023
02.32	Hawaii State Hospital Beds and Occupancy: 2000 to 2023
02.33	Hansen's Disease Patients Registered: 2019 to 2023
02.34	Estimated Use of Selected Substances, for Hawaii and the United States: 2021-2022
02.35	Prevalence of Various Substances Among Students in Hawaii, 2017 to 2021, and the United States, 2021
02.36	Selected Health Care Providers Licensed in Hawaii, by Place of Address: September 14, 2023
02.37	Health Care and Social Assistance Establishments (NAICS 62), by Federal Tax Status and Kind of Business: 2017
02.38	Health Care and Social Assistance Establishments (NAICS 62), by County and Place: 2017
02.39	Marriages: 2004 to 2022
02.40	Marriages, Resident and Nonresident, by Marriage Characteristics and Ceremony Type: 2020 to 2022

Section 2

VITAL STATISTICS AND HEALTH

This section presents data on births, deaths, marriages, diseases, accidents, health risk behaviors such as drinking and smoking, hospitals, and health care personnel.

The major source for data on vital statistics and health is the Hawaii State Department of Health. DOH data are available through 2022. Information is also available on health care businesses from the U.S. Census Bureau's Economic Censuses, including the 2017 Economic Census. Long-term trends are traced in *Historical Statistics of Hawaii*, Section 2.

Table 2.01-- BIRTHS AND DEATHS: 2000 TO 2022

[Place of occurrence basis]

Year	Resident births 1/	Resident deaths 1/	Rates per 1,000 resident population 2/		Rates per 1,000 live births		
			Births	Deaths	To unmarried mothers	Fetal deaths 3/	Infant deaths 4/
2000	17,514	8,163	14.4	6.7	322.7	9.5	7.8
2001	17,043	8,252	13.9	6.7	330.7	11.4	6.2
2002	17,444	8,650	14.1	7.0	337.2	10.2	7.0
2003	18,066	8,850	14.4	7.1	335.3	10.6	7.6
2004	18,238	8,888	14.3	7.0	345.0	8.7	5.5
2005	17,882	8,988	13.8	7.0	362.3	8.1	6.9
2006	18,927	9,290	14.5	7.1	362.4	7.8	5.9
2007	19,085	9,314	14.5	7.1	370.7	10.1	6.3
2008	19,417	9,322	14.6	7.0	380.6	8.4	5.5
2009	18,843	9,676	14.0	7.2	379.8	10.3	6.1
2010	18,910	9,387	13.9	6.9	379.0	8.0	5.8
2011	18,911	9,682	13.7	7.0	375.2	8.6	5.0
2012	18,920	10,062	13.6	7.2	374.9	10.0	4.9
2013	18,926	10,270	13.4	7.3	373.7	5.4	6.6
2014	18,506	10,591	13.1	7.5	373.2	7.2	4.5
2015	18,390	10,903	12.9	7.7	375.0	7.9	5.7
2016	18,007	10,718	12.6	7.5	376.0	8.8	5.8
2017	17,473	11,182	12.0	7.7	389.0	9.7	5.0
2018	16,931	11,239	11.6	7.7	383.0	6.9	6.8
2019	16,771	11,364	11.5	7.8	386.0	8.2	5.2
2020	15,751	11,911	10.9	8.2	395.0	9.0	4.9
2021	15,569	12,584	10.8	8.7	394.0	8.7	4.4
2022	15,504	12,928	10.8	9.0	397.0	8.1	5.4

1/ 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 July 1 estimates by the U.S. Census Bureau, as revised through December 2023. Rate calculations for 2010-2019 are based on population estimates by DBEDT. Rates may differ from previous Data Books due to revisions to population estimates.

3/ 20 weeks gestation and over, including elective abortions.

4/ Under 1 year of age.

Source: Hawaii State Department of Health, *Statistical Report* (annual), and Office of Health Status Monitoring, records; U.S. Census Bureau, *Population and Housing Unit Estimates*, Table ST-EST00INT-01 (September 2011) and NST-ETS2023-POP (December 2023); DBEDT population estimates for 2010-2019 <<http://dbedt.hawaii.gov/economic/datawarehouse/>>; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 2018 TO 2022

[Place of occurrence basis. Includes residents and non-residents]

Subject and year	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births 2/						
2018	17,026	(2/)	17,026	2,931	14,095	2,931
2019	16,834	(2/)	16,834	2,899	13,935	2,899
2020	15,803	(2/)	15,803	2,724	13,079	2,724
2021	15,627	(2/)	15,627	2,578	13,049	2,578
2022	15,570	(2/)	15,570	2,521	13,049	2,521
Deaths						
2018	11,569	31	11,538	76	11,462	107
2019	11,753	34	11,719	77	11,642	111
2020	12,102	52	12,050	70	11,980	122
2021	12,903	35	12,868	69	12,799	104
2022	13,345	39	13,306	58	13,248	97
Birth rates 3/						
2018	10.4	(2/)	10.7	48.5	9.2	27.7
2019	10.3	(2/)	10.6	47.8	9.1	27.4
2020	10.7	(2/)	11.0	49.2	4/ 9.7	27.9
2021	10.0	(2/)	10.3	47.0	4/ 9.7	26.4
2022	9.7	(2/)	10.0	55.3	9.6	29.0
Death rates 3/						
2018	7.1	0.7	7.3	1.3	7.5	1.0
2019	7.2	0.8	7.4	1.3	7.6	1.0
2020	8.2	1.2	8.4	1.3	4/ 8.9	1.3
2021	8.2	0.8	8.5	1.3	4/ 9.5	1.1
2022	8.4	0.9	8.5	1.3	9.8	1.1

NA Not available.

1/ Death rates for military dependents based on decennial census age and sex composition of military dependents and decennial census age-sex-specific death rates for the military dependents. Deaths of civilians other than military dependents calculated as residual.

2/ As of January 2014, military status of parents is not collected on birth data. Tricare or military insurance as the principal source of payment for delivery was used as a proxy for military status. Births are assigned to military dependents.

3/ Per 1,000 de facto population in each group. Calculations of de facto population are based on July 1 resident population estimates by the U.S. Census Bureau as revised through December 2023. They may vary from previous versions of the *Data Book*.

4/ Revised from previous Data Book

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; Hawaii State Department of Business, Economic Development & Tourism, *State of Hawaii Data Book*, Tables 1.03 and 1.04; and calculations and estimates by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.03-- RESIDENT LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 2000 TO 2022

[Place of residence basis]

Year	Total deliveries		Live births	Standard fetal deaths	Elective abortions
	Number	Rates per 1,000 resident population 1/			
2000	22,240	18.3	17,514	825	3,901
2001	21,764	17.8	17,043	759	3,962
2002	22,172	17.9	17,444	831	3,897
2003	22,509	18.0	18,066	862	3,581
2004	22,564	17.7	18,238	884	3,442
2005	22,303	17.3	17,882	897	3,524
2006	23,219	17.7	18,927	827	3,465
2007	23,731	18.0	19,085	942	3,704
2008	23,750	17.8	19,417	1,102	3,231
2009	23,201	17.2	18,843	1,046	3,312
2010	22,830	16.7	18,910	886	3,034
2011	22,480	16.3	18,911	940	2,629
2012	22,350	16.0	18,920	642	2,788
2013	21,816	15.5	18,926	468	2,422
2014	21,369	15.1	18,506	754	2,109
2015	21,145	14.9	18,390	766	1,989
2016	21,326	14.9	18,007	808	2,511
2017	20,380	14.0	17,473	696	2,211
2018	19,887	13.6	16,931	835	2,121
2019	19,698	13.5	16,771	810	2,117
2020	18,147	12.5	15,751	587	1,809
2021	18,263	12.6	15,569	480	2,214
2022	17,952	12.5	15,504	478	1,970

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2023. Rate calculations for 2010-2019 are based on population estimates by DBEDT. Rates may differ from previous Data Books due to revisions to population estimates.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, *Population and Housing Unit Estimates*, Tables ST-EST00INT-01 (September 2011) and NST-EST2023-POP (December 2023); DBEDT population estimates for 2010-2019 <<http://dbedt.hawaii.gov/economic/datawarehouse/>>; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2005 TO 2022

[Place of occurrence basis]

Event and year	Total	Resident 1/	Nonresident and unknown
Births			
2005	17,922	17,882	40
2006	18,986	18,927	59
2007	19,153	19,085	68
2008	19,462	19,417	45
2009	18,891	18,843	48
2010	18,948	18,910	38
2011	18,971	18,911	60
2012	18,985	18,920	65
2013	18,979	18,926	53
2014	18,582	18,506	76
2015	18,460	18,390	70
2016	18,079	18,007	72
2017	17,526	17,473	53
2018	17,026	16,931	95
2019	16,834	16,771	63
2020	15,803	15,751	52
2021	15,627	15,569	58
2022	15,570	15,504	66
Deaths			
2005	9,330	8,988	342
2006	9,622	9,290	332
2007	9,627	9,314	313
2008	9,572	9,322	250
2009	9,947	9,676	271
2010	9,654	9,387	267
2011	9,961	9,682	279
2012	10,363	10,062	301
2013	10,576	10,270	306
2014	10,885	10,591	294
2015	11,215	10,903	312
2016	11,028	10,718	310
2017	11,489	11,182	307
2018	11,569	11,239	330
2019	11,753	11,364	389
2020	12,102	11,911	191
2021	12,903	12,584	319
2022	13,345	12,928	417

1/ 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.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.05-- CHARACTERISTICS OF RESIDENT BIRTHS: 2019 TO 2022

[Place of residence basis]

Subject	2019	2020	2021	2022
Number of resident births	16,771	15,751	15,569	15,504
City and County of Honolulu	12,109	11,300	11,023	10,982
Percent in City and County of Honolulu	72.2	71.7	70.8	70.8
Hawaii County	2,052	2,034	2,063	2,045
Kauai County	781	723	809	786
Maui County (incl. Kalawao)	1,829	1,694	1,674	1,691
Percent attended by M.D. or D.O. in hospital	88.0	88.1	87.9	88.7
Males per 100 females	109.2	105.8	107.8	106.6
Median weight of single births (grams) 1/	3,275	3,274	3,275	3,260
Percent low birth weight (under 2,500 grams) 1/	8.4	8.1	8.9	8.5
Percent single births under 40 weeks gestation	73.5	73.0	73.6	73.8
Percent multiple births	3.0	2.9	2.9	2.9
Percent to unmarried mothers	38.6	39.5	39.4	39.7
Percent first child born to mother 2/	30.0	30.8	29.6	30.9
Percent first child born alive to mother	39.0	39.8	38.7	39.2
Median age of mothers (years)	30.0	29.8	30.0	30.0
Median age of known fathers (years)	32.0	32.1	32.0	32.0

1/ One gram is equal to 0.035273 of an ounce.

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

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.06-- BIRTH AND FERTILITY RATES FOR HAWAII AND THE UNITED STATES: 1990 TO 2022

[Registered births. Excludes births to nonresidents of the United States. Fertility rates are births per 1,000 women aged 15-44. Birth rates are per 1,000 population. Population estimated as of July 1]

Year	Birth rate			Fertility rate		
	Hawaii	United States	Hawaii rank 1/	Hawaii	United States	Hawaii rank 1/
1990	18.5	16.7	7	79.2	70.9	5
1991	17.5	16.2	8	75.6	69.3	7
1992	17.1	15.8	8	75.0	68.4	7
1993	16.4	15.4	8	74.1	67.0	7
1994	16.4	15.0	7	73.9	65.9	4
1995	15.5	14.6	8	70.7	64.6	6
1996	15.3	14.4	9	70.3	64.1	6
1997	14.4	14.2	13	66.4	63.6	9
1998	14.5	14.3	14	67.6	64.3	9
1999	14.1	14.2	18	66.5	64.4	14
2000	14.5	14.4	16	69.1	65.9	11
2001	13.9	14.1	19	67.4	65.3	14
2002	14.0	13.9	19	68.6	64.8	12
2003	14.4	14.1	15	72.3	66.1	6
2004	14.5	14.0	15	74.0	66.3	6
2005	14.1	14.0	19	72.9	66.7	8
2006	14.8	14.2	16	73.9	68.5	13
2007	14.9	14.3	18	76.0	69.5	12
2008	15.1	14.0	10	78.3	68.6	7
2009	14.6	13.5	10	75.8	66.7	7
2010	14.0	13.0	10	72.4	64.1	8
2011	13.8	12.7	9	71.9	63.2	7
2012	13.6	12.6	11	71.6	63.0	8
2013	13.5	12.4	11	71.5	62.5	7
2014	13.1	12.5	13	69.3	62.9	11
2015	12.9	12.4	14	68.7	62.5	11
2016	12.6	12.2	14	67.6	62.0	10
2017	12.3	11.8	15	65.9	60.3	7
2018	11.9	11.6	20	64.2	59.1	9
2019	11.9	11.4	16	63.9	58.3	7
2020	11.2	11.0	22	61.1	56.0	7
2021	10.8	11.0	28	59.2	56.3	18
2022	10.8	11.0	22	59.3	56.0	12

1/ Hawaii's rank among the 50 states and the District of Columbia, highest rate ranking 1. Includes ties.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR), *Births: Final Data* (annual) <<https://www.cdc.gov/nchs/products/nvsr.htm>> accessed May 13, 2024.

Table 2.07-- RESIDENT BIRTHS, BY RACIAL MAKEUP AND MILITARY STATUS OF PARENT: 2019 TO 2022

[Place of residence basis. Excludes births to Hawaii residents occurring out of state]

Year and military status of parent	Total births	Single race	Multi-racial 1/	Not reported 2/	Percent multi-racial 3/
2019					
Total	16,771	6,943	9,124	704	56.8
Military 4/	2,899	2,028	821	50	28.8
All others 5/	13,872	4,915	8,303	654	62.8
2020					
Total	15,751	6,289	8,536	926	57.6
Military 4/	2,724	1,891	775	58	29.1
All others 5/	13,027	4,398	7,761	868	63.8
2021					
Total	15,569	6,018	8,946	605	59.8
Military 4/	2,578	1,742	783	53	31.0
All others 5/	12,991	4,276	8,163	552	65.6
2022					
Total	15,504	6,101	8,793	610	59.0
Military 4/	2,521	1,714	764	43	30.8
All others 5/	12,983	4,387	8,029	567	64.7

1/ Includes births in which the race of the father is different from the race of the mother or births in which the father or the mother are of two or more races. Includes births in which both parents were "Part Hawaiian" or both parents were "Other race." Prior to 2001, births in which both the father and mother were "Part Hawaiian" or both the father and mother were "Other race" were classified as single race.

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

3/ Based on number reporting.

4/ As of January 2014, military status of parents is not collected on birth data. Tricare or military insurance as the principal source of payment for delivery was used as a proxy for military status.

5/ Includes "civilians" and "status not reported."

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.08-- MOST COMMON FIRST NAMES ON BIRTH CERTIFICATES,
BY SEX: 2022**

[Place of occurrence basis. A total of 8,405 first names, including variant spellings, was reported for the 15,507 babies born in Hawaii in 2022]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Noah	64	1	Olivia	46
2	Liam	56	2	Amelia	38
3	Kai	47	3	Luna	37
4	Asher	42	4	Aria	36
5	Ethan	42	5	Sophia	36
6	Oliver	40	6	Charlotte	35
7	Maverick	37	7	Ava	33
8	Ezekiel	36	8	Isabella	33
9	Ezra	35	9	Lily	32
10	Aiden	31	10	Mila	32

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH CERTIFICATES: 2022

Birth certificates			Death certificates		
Rank	Surname	Number	Rank	Surname	Number
1	Lee	52	1	Lee	99
2	Smith	46	2	Kim	62
3	Kim	41	3	Wong	60
4	Rivera	39	4	Nakamura	54
5	Brown	38	4	Smith	45
6	Johnson	38	6	Chang	43
7	Garcia	36	7	Chun	43
8	Nguyen	36	8	Ching	41
9	Ramos	36	9	Young	39
10	Davis	33	10	Higa	38

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.10-- EXPECTATION OF LIFE AT BIRTH FOR BOTH SEXES COMBINED,
BY RACE, 1910 TO 1990, AND BY SEX AND RACE, 2000 AND 2010**

[In years]

Year	All races	White	Chinese	Filipino	Hawaiian and Part- Hawaiian	Japanese	Other
1910	44.0	54.8	54.2	(NA)	32.6	49.3	15.6
1920	45.7	56.5	53.8	28.1	33.6	50.5	28.4
1930	54.0	61.9	60.1	46.1	41.9	60.1	32.6
1940	62.0	64.0	65.3	56.9	51.8	66.3	59.5
1950	69.5	69.2	69.7	69.1	62.5	72.6	68.3
1960	72.4	72.8	74.1	71.5	64.6	75.7	62.2
1970	74.2	73.2	76.1	72.6	67.6	77.4	76.7
1980	77.9	75.8	81.7	79.3	71.8	80.9	79.0
1990	78.9	75.5	82.9	78.9	74.3	82.1	80.4
2000	80.5	79.0	86.1	80.9	74.3	82.8	(NA)
Female	83.6	81.8	88.6	85.9	77.1	85.7	(NA)
Male	77.5	76.7	83.5	78.0	71.5	79.7	(NA)
2010	82.4	80.6	87.7	84.3	76.6	84.7	(NA)
Female	85.6	83.4	90.0	88.1	79.4	88.0	(NA)
Male	79.2	78.3	85.3	80.8	73.9	81.2	(NA)

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, and "Life Expectancy in the State of Hawai'i 1980 and 1990," *R & S Report*, No. 63 (August 1996), pp. 18-33; Chai Bin Park, Kathryn L. Braun, Brian Y. Horiuchi, Caryn Tottori, and Alvin T. Onaka, *Longevity Disparities in Multiethnic Hawaii: An Analysis of 2000 Life Tables* (Public Health Reports, Research Articles, Vol. 124, July-August 2009; and Yanyan Wu PhD., Kathryn Braun DrPH, Alvin T. Onaka PhD, Brian Y. Horiuchi, MPH, Caryn J. Tottori MA, and Lynne Wilkens DrPH, *Life Expectancies in Hawaii: A Multi-Ethnic Analysis of 2010 Life Tables* (Hawaii Journal of Medicine & Public Health, Vol. 76, No. 1, January 2017) <<http://hjmph.org/76.01.htm>> accessed January 11, 2017.

Table 2.11-- EXPECTATION OF LIFE AT BIRTH, BY SEX, FOR HAWAII AND THE UNITED STATES: 1920 TO 2020

[Average expectation of life in years]

Year of birth	Hawaii			United States		
	Total	Male	Female	Total	Male	Female
1920	45.7	45.6	45.8	54.1	53.6	54.6
1930	54.0	52.7	55.9	59.7	58.1	61.6
1940	62.0	59.9	64.9	62.9	60.8	65.2
1950	69.5	67.8	71.7	1/ 68.2	1/ 65.6	1/ 71.1
1960	72.4	70.4	74.8	1/ 69.7	1/ 66.6	1/ 73.1
1970	74.2	72.1	76.4	70.8	67.1	74.7
1980	77.9	74.5	81.5	73.7	70.0	77.4
1990	78.9	75.9	82.1	75.4	71.8	78.8
2000	80.5	77.5	83.6	76.8	74.1	79.3
2010	82.4	79.2	85.6	78.7	76.2	81.0
2020	80.7	77.7	83.8	77.0	74.2	79.9

1/ Includes deaths of persons who were not residents of the 50 states and the District of Columbia.

Source: U.S. Bureau of the Census, *Historical Statistics of the United States, Colonial Times to 1970*, Part 1 (1975), p. 55; Hawaii State Department of Health, Office of Health Status Monitoring, "Life Tables by Ethnic Group for Hawaii, 1920-1970," R & S Report, No. 26 (June 1979), pp. 8-26; and "Life Expectancy in the State of Hawai'i, 1980 and 1990," R & S Report, No. 63 (August 1996), p. 9; Chai Bin Park, Kathryn L. Braun, Brian Y. Horiuchi, Caryn Tottori, and Alvin T. Onaka, *Longevity Disparities in Multiethnic Hawaii: An Analysis of 2000 Life Tables* (Public Health Reports, Research Articles, Vol. 124, July-August 2009); U.S. Department of Health and Human Services, National Center for Health Statistics, "Average Life Expectancy at Birth by State for 2000 and Ratio of Estimates and Projections of Deaths: 2001 to 2003", Table 2 (April 21, 2005) <<http://www.census.gov/population/projections/MethTab2.xls>> accessed June 6, 2006; and Yanyan Wu PhD., Kathryn Braun DrPH, Alvin T. Onaka PhD, Brian Y. Horiuchi, MPH, Caryn J. Tottori MA, and Lynne Wilkens DrPH, *Life Expectancies in Hawaii: A Multi-Ethnic Analysis of 2010 Life Tables* (Hawaii Journal of Medicine & Public Health, Vol. 76, No. 1, January 2017) <<http://hjmph.org/76.01.htm>> accessed January 11, 2017. Arias E, Xu JQ, Tejada-Vera B, Murphy SL, Bastian B. U.S. state life tables, 2020. National Vital Statistics Reports; vol 71 no 2. Hyattsville, MD: National Center for Health Statistics. 2022. DOI: <<https://dx.doi.org/10.15620/cdc:118271>> accessed April 10, 2024. Arias E, Xu JQ, Tejada-Vera B, Murphy SL, Bastian B. U.S. State Life Tables, 2020. National Vital Statistics Reports; vol 71 no 2. Hyattsville, MD: National Center for Health Statistics. (August 2022). <<https://dx.doi.org/10.15620/cdc:118271>> accessed April 10, 2024.

**Table 2.12-- LIFE EXPECTANCY AT BIRTH FOR 2020 AND PROJECTED
LIFE EXPECTANCY AT BIRTH FOR 2050, BY SEX, BY COUNTY**

[Average expectation of life in years]

County	Male	Female
2020 1/		
State of Hawaii	79.3	84.8
Hawaii	76.5	83.1
Honolulu	79.9	85.2
Kauai	79.7	84.4
Maui 2/	78.5	84.2
2050 projection		
State of Hawaii	83.0	87.6
Hawaii	80.9	86.1
Honolulu	83.5	88.0
Kauai	83.5	87.3
Maui 2/	82.4	87.0

1/ DBEDT estimate. 2019-2021 average used to calculate the death rate.

2/ Includes Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2050* (April 2024) <<https://dbedt.hawaii.gov/economic/economic-forecast/long-range-projections/>> accessed May 6, 2024.

Table 2.13-- LIFE EXPECTANCY, BY SEX FOR HAWAII AND THE UNITED STATES: 1959-1961 TO 2020

Period	Hawaii						United States		
	Life Expectancy			Rank 1/			Life Expectancy		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1959-1961 2/	71.55	69.79	74.01	7	(NA)	(NA)	69.89	66.80	73.24
1969-1971 2/	73.60	71.02	76.79	1	1	3	70.75	67.04	74.64
1979-1981 2/	77.02	74.08	80.33	1	1	1	73.88	70.11	77.62
1989-1991 2/	78.21	75.37	81.26	1	1	1	75.37	71.83	78.81
1999-2001 2/	80.23	77.17	83.65	1	1	1	76.86	74.13	79.47
2018	80.98	78.04	83.98	1	4	1	78.74	76.22	81.25
2019	80.90	78.00	83.90	1	5	1	78.80	76.30	81.40
2020 3/	80.70	77.60	83.80	1	1	1	77.00	74.20	79.90

NA Not available.

1/ Among the 50 states and the District of Columbia, with the highest life expectancy ranking 1. Life expectancies are rounded, but rankings are based on unrounded life expectancies.

2/ Average over the three-year period using *U.S. Decennial Life Tables*.

3/ Life expectancy in the United States declined from 2019 to 2020, mostly due to the COVID-19 pandemic and increases in unintentional injuries (mainly drug overdose deaths).

Arias E, Xu JQ. United States life tables, 2020. National Vital Statistics Reports; vol 71 no 1. Hyattsville, MD: National Center for Health Statistics. 2022. DOI: <https://dx.doi.org/10.15620/cdc:118055>.

Source: Centers for Disease Control and Prevention, National Center for Health Statistics, *U.S. Life Tables*, <https://www.cdc.gov/nchs/products/life_tables.htm> accessed June 10, 2024.

Table 2.14-- REMAINING LIFE EXPECTACY AT SELECT AGES: 2020

Age	Expected number of years remaining at each age			Number surviving to specified age per 100,000 born alive		
	Total	Male	Female	Total	Male	Female
0 to 1	77.0	74.2	79.9	100,000	100,000	100,000
1 to 2	76.4	73.6	79.3	99,461	99,415	99,508
5 to 6	72.5	69.7	75.3	99,377	99,313	99,429
10 to 11	67.5	64.7	70.4	99,323	99,254	99,381
15 to 16	62.6	59.8	65.4	99,242	99,155	99,317
20 to 21	57.7	55.0	60.5	98,952	98,741	99,157
25 to 26	53.0	50.5	55.7	98,415	97,961	98,876
30 to 31	48.4	45.9	50.9	97,725	96,994	98,479
35 to 36	43.8	41.5	46.2	96,856	95,815	97,933
40 to 41	39.3	37.0	41.5	95,794	94,420	97,215
45 to 46	34.8	32.7	36.9	94,471	92,731	96,266
50 to 51	30.4	28.4	32.4	92,680	90,497	94,928
55 to 56	26.2	24.3	28.0	90,115	87,332	92,979
60 to 61	22.2	20.5	23.8	86,376	82,736	90,111
65 to 66	18.5	17.0	19.8	81,181	76,439	86,039
70 to 71	14.9	13.7	15.9	74,466	68,491	80,574
75 to 76	11.6	10.6	12.4	65,565	58,588	72,737
80 to 81	8.6	7.8	9.2	53,346	45,661	61,298
85 to 86	6.1	5.5	6.5	37,700	30,276	45,424
90 to 91	4.2	3.7	4.4	20,447	14,824	26,271
95 to 96	2.8	2.5	2.9	6,889	4,216	9,599
100 and over	2.0	1.8	2.0	1,142	549	1,727

Source: Centers for Disease Control and Prevention, National Center for Health Statistics, *U.S. Life Tables*, <https://www.cdc.gov/nchs/products/life_tables.htm> accessed June 10, 2024.

Table 2.15-- REMAINING LIFE EXPECTACY AT SELECT AGES: 2021

Age	Expected number of years remaining at each age			Number surviving to specified age per 100,000 born alive		
	Total	Male	Female	Total	Male	Female
0 to 1	76.4	73.5	79.3	100,000	100,000	100,000
1 to 2	75.8	73.0	78.7	99,455	99,417	99,496
5 to 6	71.9	69.1	74.8	99,355	99,308	99,404
10 to 11	66.9	64.1	69.8	99,296	99,242	99,352
15 to 16	62.0	59.2	64.9	99,214	99,147	99,283
20 to 21	57.1	54.4	60.0	98,906	98,711	99,109
25 to 26	52.5	49.8	55.2	98,335	97,896	98,795
30 to 31	47.8	45.4	50.4	97,566	96,811	98,357
35 to 36	43.3	41.0	45.7	96,577	95,472	97,733
40 to 41	38.8	36.6	41.1	95,363	93,895	96,897
45 to 46	34.4	32.3	36.5	93,824	91,958	95,776
50 to 51	30.1	28.2	32.1	91,803	89,467	94,245
55 to 56	26.0	24.2	27.8	89,000	86,044	92,099
60 to 61	22.1	20.5	23.7	85,017	81,235	88,984
65 to 66	18.4	17.0	19.7	79,571	74,780	84,604
70 to 71	14.9	13.7	16.0	72,671	66,772	78,857
75 to 76	11.6	10.6	12.5	63,810	57,001	70,967
80 to 81	8.7	7.9	9.4	51,702	44,313	59,493
85 to 86	6.3	5.6	6.7	36,667	29,498	44,237
90 to 91	4.4	3.9	4.6	20,222	14,623	26,100
95 to 96	3.0	2.7	3.2	7,260	4,407	10,201
100 and over	2.2	1.9	2.2	1,390	657	2,127

Source: Centers for Disease Control and Prevention, National Center for Health Statistics,
U.S. Life Tables, <https://www.cdc.gov/nchs/products/life_tables.htm> accessed June 10, 2024.

Table 2.16-- SELECTED LIFE TABLE VALUES: 2020

[Average expectation of life in years. 2019-2021 average used to calculate the death rate]

Exact age in years	Average number of years of life remaining at beginning of year of age		Number surviving to specified age per 100,000 born alive	
	Male	Female	Male	Female
0	79.3	84.8	100,000	100,000
1	78.7	84.2	99,495	99,562
5	74.7	80.2	99,409	99,479
10	69.8	75.3	99,346	99,429
15	64.8	70.3	99,260	99,375
20	60.0	65.4	99,049	99,274
25	55.2	60.5	98,709	99,082
30	50.4	55.6	98,233	98,842
35	45.8	50.8	97,501	98,531
40	41.2	46.0	96,466	98,082
45	36.7	41.3	95,217	97,421
50	32.4	36.7	93,512	96,478
55	28.2	32.2	91,030	95,086
60	24.2	27.8	87,635	93,141
65	20.4	23.6	83,018	90,414
70	16.7	19.5	77,303	86,802
75	13.2	15.5	69,847	81,694
80	10.0	11.8	59,491	73,999
85	7.3	8.6	45,428	61,801
90	5.2	6.0	28,484	44,488
95	3.7	4.2	12,494	23,186
100	2.7	3.0	3,494	7,819

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2050* (April 2024) <<https://dbedt.hawaii.gov/economic/economic-forecast/long-range-projections/>> accessed May 6, 2024.

Table 2.17-- CHARACTERISTICS OF RESIDENT DEATHS: 2019 TO 2022

[Place of residence basis. Excludes deaths to Hawaii residents occurring out of state]

Subject	2019	2020	2021	2022
Number of resident deaths	11,394	11,925	12,618	13,032
Hawaii County	1,801	1,860	2,032	2,101
City and County of Honolulu	7,739	8,251	8,655	8,876
Kauai County	607	571	574	674
Maui County (including Kalawao)	1,247	1,243	1,357	1,381
Median age (years)	79	78	78	79
Centenarian deaths	227	265	236	346
Male	64	68	53	70
Female	163	197	183	276
Oldest (age in years)	108	108	112	108
Male	106	107	106	107
Female	108	108	112	108
Percent married	35.6	36.9	36.2	35.8
Males per 100 females	114.5	116.8	116.2	114.7
Deaths under 1 year	87	77	69	83
Per 1,000 live births	5.2	4.9	4.4	5.4
Fetal deaths 1/	2,927	2,396	2,694	2,448
Per 1,000 deliveries	148.6	132.0	147.5	136.4
Standard fetal deaths 2/	810	587	480	478
Per 1,000 deliveries	41.1	32.3	26.3	26.6
Elective abortions	2,117	1,809	2,214	1,970
Per 1,000 deliveries	107.5	99.7	121.2	109.7
Fetal deaths, 20 or more weeks gestation 3/	137	142	136	126
Per 1,000 deliveries	7.0	7.8	7.4	7.0

1/ Includes elective abortions.

2/ Excludes elective abortions.

3/ Includes elective abortions if 20 weeks or more.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.18-- CAUSES OF DEATH, BY SEX: 2022

[Place of residence basis. Excludes deaths to Hawaii residence occurring out of state and for cases in which cause of death is not determined. Causes of death were coded according to the International Classification of Diseases, Version 10]

Causes of death	Total	Males 1/	Females
Total deaths	12,928	6,903	6,025
Malignant neoplasm (cancer)	2,555	1,366	1,189
Stomach	62	41	21
Colon, rectum and anus	252	136	116
Pancreas	237	118	119
Trachea, bronchus and lung	480	264	216
Breast	195	0	195
Cervix uteri, corpus uteri and ovary	109	0	109
Prostate	160	160	0
Urinary tract	124	88	36
Non-Hodgkin's lymphoma	93	54	39
Leukemia	94	66	28
Other malignant neoplasms	749	439	310
Diabetes mellitus	359	185	174
Alzheimer's disease	571	164	407
Diseases of the heart	2,811	1,670	1,141
Hypertensive heart disease	356	219	137
Ischemic heart disease	1,493	951	542
Other forms of heart disease	962	500	462
Hypertension	181	88	93
Cerebrovascular disease	888	397	491
Other circulatory system diseases (inc. atherosclerosis)	127	71	56
Influenza/pneumonia	274	134	140
Chronic lower respiratory diseases	353	197	156
Chronic liver disease and cirrhosis	141	91	50
Nephritis and nephrosis	297	150	147
Perinatal conditions	50	23	27
Congenital anomalies	27	16	11
Symptoms & ill-defined conditions (inc. sudden infant death syndrome)	154	79	75
Other diseases 2/	2,730	1,289	1,441
Motor vehicle accidents	104	84	20
All other & unspecified accidents & adverse effects	572	407	165
Intentional self-harm (suicide)	239	185	54
Assault	39	29	10
COVID-19	430	258	172
All other causes	26	20	6

1/ Includes unknown sex.

2/ Includes Tuberculosis, HIV disease, peptic ulcer, and pregnancy, childbirth, and puerperium.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

Table 2.19-- GREATEST CATASTROPHIC MORTALITY OF RECORD, BY TYPE OF DISASTER: 1778 TO 2024

[Complete through June 1, 2024]

Type of disaster or crash	Date	Location	Event	Deaths
Aircraft	June 8, 1944	Kalihi	Colliding bombers set fire to houses	1/ 10
Aircraft	Mar. 22, 1955	Waianae Mts.	Crash of MATS R6-D1, killing all aboard	66
Construction	Mar. 25, 1930	Kauai	Collapse of Alexander Dam	6
Earthquake	Apr. 2, 1868	Kau; Puna	Earthquake	32
Explosion	May 21, 1944	West Loch	Explosions on 9 Navy ships loading ammunition	163
Fire, electrical	Oct. 15, 1997	Palolo	Electrical fire destroyed 3 houses	7
Fire, wildfire	Aug. 8, 2023	Lahaina	Wildfires destroyed most of Lahaina	102
Flood	Jan. 18, 1916	Iao; Wailuku	Cloudburst and flood	14
Gas leak	Oct. 19, 1937	Palama	Leaking gas in house	8
Homicide	Nov. 2, 1999	Iwilei	Mass murder in office	7
Hurricane	Sept. 11, 1992	Kauai; Oahu	Hurricane Iniki	8
Landslide	May 9, 1999	Sacred Falls	Landslide	8
Marine	1829 or 1830	New Hebrides	Losses to Boki's ships	2/ 410
Motor vehicle	July 2, 1944	Waialua	Truck overturned on pedestrians	7
Motor vehicle	July 5, 1969	Kamehameha Hwy at Puuloa	2-car accident	7
Railroad	June 26, 1916	Near Hana	Work train derailed	5
Tsunami	Apr. 1, 1946	Statewide	Tsunami	159
Volcano	Nov. 1790	Kilauea	Eruption killed soldiers	< 80 or about 400
War, massacres	Jan. 1790	Olowalu	U.S. ship fired on native canoes	> 100
War, massacres	Sept. 9, 1924	Hanapepe	Police fired on strikers	20
War, massacres	Dec. 7, 1941	Oahu	Pearl Harbor attack	2,500

1/ Death toll in burning houses; in addition, 4 airmen perished.

2/ Of Boki's two-ship expedition to New Hebrides, the *Kamehameha* and its crew of 250 vanished; the *Becket* survived but lost 160 of its crew.

Source: Robert C. Schmitt, "Catastrophic Mortality in Hawaii," *The Hawaiian Journal of History*, Vol. 3 (1969), pp. 66-86, and "Catastrophic Mortality in Hawaii: An Update," *The Hawaiian Journal of History*, Vol. 23 (1989), pp. 217-227; Hawaii State Department of Business, Economic Development & Tourism, compiled from various newspaper sources.

Table 2.20-- CATASTROPHIC MORTALITY: 1994 TO 2024

[Includes all accidents, natural disasters, and other events causing five or more deaths.
Complete through June 1, 2024]

Date	Place	Kind of disaster	Deaths
1994: Jan. 21	Keawaula Bay, Oahu	1-car auto crash	5
1995: Nov. 10	Kuliouou, Oahu	1-car auto crash	5
1996: Nov. 1	Halawa, Molokai	Airplane crash	5
1997: Oct. 15	Palolo Valley, Honolulu	3 houses destroyed by fire	7
1998: June 25	Waialeale, Kauai	Helicopter crash	6
1999: May 9	Sacred Falls, Oahu	Landslide	8
Sept. 25	Mauna Loa slope, Hawaii	Airplane crash	10
Nov. 2	Iwilei, Honolulu	Mass murder in office	7
2000: July 21	Iao Valley, Maui	Helicopter crash	7
2001: Feb. 9	9 mi. south of Diamond Head	Japanese training ship	9
Feb. 12	Mts. near Sunset Beach, Oahu	Crash of two Army helicopters	6
2003: March 18	Haleiwa, Oahu	1-car auto crash	5
July 23	Waialeale, Kauai	Helicopter crash	5
2004: Sept. 24	4 mi. south of Waialeale, Kauai	Helicopter crash	5
2006: March 14	Kaloko Reservoir, Kauai	Dam breach	1/ 7
2011: April 8	Waikele, Oahu	Fireworks explosion	5
Nov. 10	Eastern Molokai	Helicopter crash	5
2012: March 25	Kula, Maui	2-car auto crash	5
2013: Jan. 23	Pahala, Hawaii	2-car auto crash	5
2016: Jan. 14	Haleiwa, Oahu	Crash of two Marine Corps helicopters	12
May 23	Hanapepe, Kauai	Airplane crash	5
2019: June 21	Dillingham Airfield, Oahu	Airplane crash	11
Dec. 26	Kokee, Kauai	Helicopter crash	7
2023: Aug. 8	Lahaina, Maui	Wildfires destroyed most of Lahaina	102
2024: March 10	Manoa, Oahu	Mass murder/suicide at home	5

1/ Three bodies were found and four persons were still missing on March 23, 2006 when search efforts were called off.

Source: Hawaii State Department of Business, Economic Development & Tourism, compiled from various newspaper sources.

Table 2.21-- DEATHS BY METHOD OF DISPOSITION: 1980 TO 2022

[Place of occurrence basis]

Method	1980	1990	2000	2010	2020	2021	2022
All methods	5,204	7,055	8,511	9,654	12,099	12,903	13,339
Cremation	2,241	3,564	5,092	6,661	9,082	9,823	10,202
Burial	2,343	2,798	2,767	2,322	2,397	2,453	2,445
Removal	567	656	591	562	460	520	558
Medical science	-	-	40	91	151	88	126
All others 1/	53	37	21	18	9	19	8

1/ Includes entombment.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.

**Table 2.22-- PERSONS ON THE STATE BLIND REGISTER, BY COUNTY,
2005 TO 2022, AND BY LEVEL OF VISUAL IMPAIRMENT, 2022**

[As of June 30. Register data reflect blind and visually impaired individuals who have signed up for Ho`opono Services for the Blind]

Year and subject	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
Year					
2005	3,229	2,462	388	133	246
2006	3,340	2,542	401	141	256
2007	3,400	2,587	403	142	268
2008	3,519	2,675	424	147	273
2009 1/	3,502	2,644	433	151	274
2010	3,643	2,744	462	159	278
2011	3,533	2,633	459	157	284
2012	3,331	2,527	373	154	277
2013	2,551	1,986	281	113	171
2014	2,656	2,080	290	115	171
2015	2,732	2,148	294	115	175
2016	2,802	2,203	307	116	176
2017	2,943	2,319	324	123	177
2018	3,020	2,385	333	124	178
2019	3,065	2,423	338	125	179
2020	3,123	2,470	348	125	180
2021	3,155	2,499	350	125	181
2022	3,230	2,570	354	125	181
Level of visual impairment: 2022					
Total	3,230	2,570	354	125	181
Blind 2/	2,812	2,240	302	106	164
Visually impaired 3/	418	330	52	19	17

1/ For the City and County of Honolulu, figures for June 30, 2009 reflect administrative efforts to delete deceased persons on the State Blind Register.

2/ A person who has central vision acuity that does not exceed 20/200 in the better eye with correcting lenses or a person who has visual acuity that is greater than 20/200 but is accompanied by a limitation in the field of vision such that the widest diameter of the visual field subtends an angle no greater than 20 degrees.

3/ A person who has vision with correcting lenses that does not exceed 20/70 in the better eye, the vision is expected to deteriorate and the vision is so defective that it interferes with the individual's performance of ordinary activities for which eyesight is essential.

Source: Hawaii State Department of Human Services, Ho'opono Services for the Blind, records.

Table 2.23-- SPECIFIED COMMUNICABLE DISEASES: 2018 TO 2022

Disease	2018	2019	2020	2021	2022
Cases 1/					
AIDS	10	25	24	19	11
Campylobacteriosis	864	415	329	507	713
E. coli 0157:H7	12	4	9	13	39
Fish poisoning 2/	24	35	16	10	14
Giardiasis	44	48	29	30	28
Gonorrhea	1,278	1,494	1,484	1,472	1,478
Hansen's Disease 3/	17	15	15	7	6
Hepatitis A	4	2	9	6	3
Hepatitis B (acute)	3	-	-	-	-
Influenza 4/	8,067	4,673	3,104	28	8,717
Leptospirosis 5/	22	22	10	13	10
Malaria 6/	2	3	-	1	1
Measles (rubeola) 6/	-	4	2	-	-
Meningitis, bacterial	1	1	-	-	1
Mumps 7/	240	4	3	-	3
Pertussis (whooping cough) 4/	36	55	18	5	6
Pneumococcal disease	108	122	38	44	85
Rubella 6/	-	-	-	-	-
Salmonellosis	361	307	157	135	193
Shigellosis	242	92	42	31	38
Syphilis (primary & secondary)	91	120	182	253	231
Tuberculosis	114	97	95	106	100
Zika Virus	7	2	-	-	-
Deaths 8/					
AIDS	10	(9/)	(9/)	11	10
Hepatitis B (acute)	(9/)	(9/)	(9/)	(9/)	(9/)
Influenza	29	34	21	-	16
Meningitis, bacterial	(9/)	(9/)	(9/)	(9/)	-
Pneumococcal disease	-	(9/)	(9/)	(9/)	(9/)
Salmonellosis	-	-	(9/)	-	(9/)
Syphilis	-	(9/)	-	(9/)	(9/)
Tuberculosis	(9/)	(9/)	10	(9/)	(9/)
COVID-19	(X)	(X)	322	654	430

Continued on next page.

Table 2.23-- SPECIFIED COMMUNICABLE DISEASES: 2018 TO 2022 -- Con.

NA Not available.

X Not applicable.

1/ Place of occurrence basis.

2/ Includes scombroid, ciguatera and hallucinogenic fish poisoning.

3/ Excludes reinstated cases.

4/ Includes laboratory confirmed cases.

5/ Includes previously unreported cases.

6/ Includes indigenous and imported cases.

7/ Includes laboratory confirmed and clinically diagnosed cases. Includes indigenous and imported cases.

8/ Place of residence basis. For the years shown, no deaths were reported from campylobacteriosis, fish poisoning, giardiasis, gonorrhea, Hansen's disease, hepatitis A, leptospirosis, malaria, measles (rubeola), mumps, pertussis (whooping cough), rubella or shigellosis. No data were available for deaths caused by *E. coli* 0157:H7.

9/ Fewer than 10 deaths.

Source: Hawaii State Department of Health, and Disease Outbreak Control Division, "Summary of Reported Cases of Notifiable Diseases, Hawaii, 2013-2022"

<<https://health.hawaii.gov/docd/resources/reports/summary-of-reported-cases-of-notifiable-diseases/>> accessed June 10, 2024, and Office of Health Status Monitoring, records.

**Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS
18 YEARS AND OLDER, BY COUNTY: 2022**

[Weighted percent of adults who reported the health risk behaviors or conditions. Based on sample and subject to sampling variability]

Risk factor	State	Hawaii	Honolulu	Kauai	Maui
Behaviors					
Seatbelt non-use 1/	(NA)	(NA)	(NA)	(NA)	(NA)
Lack of physical activities 2/	21.3	20.0	21.5	20.0	20.2
Less consumption of vegetables 3/	(NA)	(NA)	(NA)	(NA)	(NA)
Less consumption of fruit 4/	(NA)	(NA)	(NA)	(NA)	(NA)
Binge drinking 5/	18.2	18.3	18.3	16.2	17.0
Current smoker 6/	10.0	13.2	9.2	11.6	10.6
Current use of e-cigarettes 7/	8.8	7.8	9.0	7.1	9.3
Conditions					
Diagnosed with current asthma	9.1	10.4	8.8	7.2	11.0
Diagnosed with kidney disease 8/	3.4	4.1	3.3	3.8	3.9
Diagnosed with diabetes	11.7	11.2	11.8	11.5	11.4
Diagnosed with high cholesterol	(NA)	(NA)	(NA)	(NA)	(NA)
Diagnosed with hypertension	(NA)	(NA)	(NA)	(NA)	(NA)
Overweight 9/	33.8	34.5	33.5	32.8	35.9
Obese I 9/	15.8	17.4	15.5	13.4	16.5
Obese II 9/	6.4	6.3	6.6	6.6	5.4
Obese III 9/	3.7	3.4	3.8	4.4	2.8

NA Not available.

1/ Adults who do not always wear seatbelts in cars.

2/ Other than your regular job, did not participate in any physical activities or exercise such as running, calisthenics, golf, gardening, or walking for exercise in the past month.

3/ Eat vegetables fewer than three times per day.

4/ Eat fruit fewer than three times per day.

5/ Five or more drinks for men, or four or more drinks for women, on one occasion in the past 30 days.

6/ Adults who ever smoked 100 cigarettes and who now smoke some days or every day.

7/ Adults who use e-cigarettes some days or every day.

8/ Does not include kidney stone, bladder infection or incontinence.

9/ Overweight has Body Mass Index (BMI) greater than or equal to 25 but less than 30. Obese I has BMI greater than or equal to 30 but less than 35; Obese II has BMI greater than or equal to 35 but less than 40; and Obese III has BMI greater than or equal to 40.

Source: Hawaii State Department of Health, The Behavioral Risk Factor Surveillance System (BRFSS)
<https://hhdw.org/report/query/selection/brfss/_BRFSSSelection.html> accessed March 8, 2024.

Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES, BY TYPE OF FACILITY: 2010 TO 2022

[Figures based on facilities that reported their activity]

Category and year	Facility type			
	Total 1/	Acute care	Long-term care	Specialty care
Number of facilities 1/				
2010	70	20	48	15
2011	68	17	47	15
2012	68	17	47	15
2013	67	16	46	15
2014	65	17	44	15
2015	86	23	50	29
2016	85	23	48	28
2017	90	23	49	30
2018	87	23	47	28
2019	99	23	47	29
2020	101	23	47	31
2021	100	23	46	31
2022	99	23	45	31
Number of licensed beds				
2010	7,747	2,573	4,305	869
2011	7,303	2,280	4,207	816
2012	7,215	2,313	4,100	802
2013	7,200	2,297	4,101	802
2014	7,200	2,362	4,027	811
2015	7,529	2,455	4,079	995
2016	7,939	2,495	4,402	1,042
2017	7,755	2,535	4,225	995
2018	8,067	2,582	4,439	1,046
2019	8,075	2,601	4,454	1,020
2020	8,137	2,643	4,470	1,024
2021	8,198	2,628	4,482	1,088
2022	8,231	2,673	4,350	1,208

1/ Institutions providing more than one type of care are counted only once in the total number of facilities.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Health Care Utilization Report* (annual) <<http://health.hawaii.gov/shpda/>> accessed November 14, 2023, and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.26-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED
ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES: 2010 TO 2022**

[Figures based on facilities that reported their activity]

Type of facility and year	Admissions	Average daily census	Average daily percent occupancy
Acute care			
2010	112,166	1,534	59.6
2011	109,309	1,512	66.3
2012	112,761	1,616	69.9
2013	113,907	1,595	69.4
2014	109,643	1,622	68.7
2015	116,816	1,715	69.9
2016	110,713	1,667	66.8
2017	110,093	1,683	66.4
2018	103,185	1,690	65.5
2019	107,980	1,636	62.9
2020	99,358	1,544	58.4
2021	99,170	1,729	65.8
2022	102,959	1,824	68.2
Long-term care			
2010	8,490	3,753	87.2
2011	8,899	3,762	89.4
2012	8,640	3,538	86.3
2013	9,034	3,633	88.6
2014	8,922	3,580	88.9
2015	9,961	3,417	83.8
2016	9,682	3,698	84.0
2017	10,025	3,581	84.8
2018	10,791	3,733	84.1
2019	11,346	3,682	82.7
2020	9,043	3,502	78.4
2021	9,383	3,259	72.7
2022	10,823	3,205	73.7

Source: State Health Planning & Development Agency, *Health Care Utilization Report* (annual) <<http://health.hawaii.gov/shpda/>> accessed November 14, 2023; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.27-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES, BY TYPE OF FACILITY, BY ISLAND: 2022

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care	Long-term care	Specialty care
Number of facilities 1/				
State total	99	23	45	31
Hawaii	17	6	7	4
Oahu	62	10	29	23
Kauai	8	3	5	-
Lanai	2	1	1	-
Maui	8	2	3	3
Molokai	2	1	-	1
Number of licensed beds	0			
State total	8,231	2,673	4,350	1,208
Hawaii	1,148	352	772	24
Oahu	5,859	1,963	2,786	1,110
Kauai	444	111	333	-
Lanai	14	4	10	-
Maui	746	228	449	69
Molokai	20	15	-	5

1/ Institutions providing more than one type of care are counted only once in the total number of facilities.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2022 Data* <<http://health.hawaii.gov/shpda/>> accessed November 14, 2023, and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.28-- NUMBER AND BED CAPACITY OF STATE-LICENSED ADULT RESIDENTIAL CARE HOMES (ARCH), BY TYPE OF FACILITY AND ISLAND: 2024

[As of April 1. Facilities and care home beds are licensed by the Office of Health Care Assurance]

Category and island	Total	Type I 1/	Type I Expanded 2/	Type II 3/	Type II Expanded 4/
Number of facilities					
State total	467	171	259	3	34
Oahu	419	152	232	1	34
Hawaii	36	11	24	1	-
Kauai	6	5	1	-	-
Maui	6	3	2	1	-
Molokai	-	-	-	-	-
Lanai	-	-	-	-	-
Number of beds					
State total	2,696	769	1,262	72	593
Oahu	2,445	686	1,132	34	593
Hawaii	182	49	115	18	-
Kauai	26	21	5	-	-
Maui	43	13	10	20	-
Molokai	-	-	-	-	-
Lanai	-	-	-	-	-

1/ Resident requiring minimal assistance with activities of daily living (ADL) as in bathing, changing, walking, eating, getting out of bed; total capacity of 1-5 residents.

2/ Same as "Type I," except the total capacity is 6 or more residents.

3/ Resident requires 24 hour assistance with the normal ADLs and/or may require skilled nursing services; total capacity of 1-5 residents.

4/ Same as "Type II," except the total capacity is 6 or more residents.

Source: Hawaii State Department of Health, Office of Health Care Assurance, *Combined ARCH-Expanded ARCH Vacancy Report - By Area* <<https://health.hawaii.gov/ohca/state-licensing-section/>> accessed June 6, 2024; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.29-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED
ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2022**

[Figures based on facilities that reported their activity]

Type of facility and island	Admissions	Occupancy (%)	Average daily census
Acute care 1/			
State total	102,959	68.2	1,824.1
Hawaii	12,917	81.6	287.4
Oahu	76,746	66.2	1,298.5
Kauai	4,709	54.2	60.2
Maui	8,499	77.5	176.6
Molokai	86	8.9	1.3
Lanai	2	0.8	-
Long-term care 1/			
State total	10,823	73.7	3,205.3
Hawaii	899	74.2	572.5
Oahu	8,933	72.6	2,022.2
Kauai	350	68.3	227.5
Maui	640	83.1	373.1
Molokai	-	0.0	-
Lanai	1	99.5	9.9

1/ Acute/Skilled Nursing Facility swing beds are classified under acute care.

Source: Hawaii State Department of Health, State Health Planning and Development Agency,
Health Care Utilization Report, Hawaii 2022 (September 2023, revised December 2023)

<<https://health.hawaii.gov/shpda/files/2023/09/2022-Hawaii-Health-Care-Utilization-Report-Rev.-20231215.pdf>>
accessed March 4, 2024.

**Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2018 TO 2022**

[Fiscal year ending June 30. Youths registered with the Child and Mental Health Division for one or more days. 2019 to 2022 revised from previous *Data Book*]

Subject	2018	2019	2020	2021	2022
Total	2,372	2,267	1,981	1,817	1,795
Youths registered with services procured 1/ Number	1,397	1,337	1,247	1,167	1,127
Percent	58.9	59.0	62.9	64.2	62.8
Mean age (years)	13.2	13.4	13.6	13.8	13.7
Sex (percent)					
Male	61.7	60.7	59.4	55.3	52.0
Female	38.3	39.3	40.6	44.7	48.0
Residence of registrant					
Hawaii County	731	610	582	507	523
Honolulu County	1,019	975	860	830	861
Kauai County	232	302	176	188	156
Maui County	329	300	251	239	265
Special populations 2/	61	196	312	283	163
Selected services procured (percent) 3/					
Out-of-home	20.0	21.3	20.4	19.7	17.7
Out-of-state	1.5	1.3	1.7	1.9	1.4
Hospital-based residential	5.9	6.8	5.5	5.9	4.3
Community-based residential I 4/	0.6	0.5	0.9	1.0	1.0
Community-based residential II	0.5	0.7	0.7	0.8	0.6
Community-based residential III	5.7	5.1	5.9	4.8	5.7
Transitional family home	9.5	9.6	9.1	7.9	7.8
Intensive home & community	86.0	86.0	87.8	87.2	84.3
Multi-systemic therapy	12.2	12.9	14.4	11.0	9.1
Intensive in-home	70.5	68.2	67.0	67.7	66.0
Outpatient 5/	7.9	4.2	5.1	5.6	6.8
Supportive services 6/	13.1	13.5	11.5	10.5	12.5
Crisis stabilization 7/	1.6	1.9	1.5	2.4	2.2

Continued on next page.

**Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2018 TO 2022 -- Con.**

NA Not available.

1/ Youths receiving one or more services procured from contracted provider agencies. Percent figure for the youths receiving one or more services procured from contracted provider agencies is out of the total number of youths registered.

2/ "Family Court Liaison Branch (FCLB)," "Unassigned," and "CAMHD" categories. FCLB youth may also be included in a county's count of registered youth. Thus, the sum of the counties and special populations may exceed the total youths registered.

3/ Youths receiving one or more days of service by level of care as a percent of all registered youths. Procurement of mental health services from contracted provider agencies. Only selected service subgroups are shown.

4/ Previously known as "Community High Risk;" name changed during FY2019.

5/ Does not include Medication Management clients, for whom data are unavailable.

6/ Includes respite home and ancillary services that could not be classified as another level of care.

7/ Does not include Crisis Mobile Outreach clients, for whom data are unavailable.

Source: Hawaii State Department of Health, Child and Adolescent Mental Health Division, *Fiscal Year Annual Fact Book* (annual) <<https://health.hawaii.gov/camhd/resource-library/research-and-evaluation/>> accessed October 12, 2023.

Table 2.31-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 2010 TO 2023

Facilities and year	Persons active, Dec. 31	Admissions	Discharges	Persons served
Hawaii State Hospital				
2010	188	209	216	377
2011	185	201	207	372
2012	181	291	295	430
2013	199	333	315	465
2014	192	278	264	447
2015	190	211	220	482
2016	189	247	245	481
2017	194	219	213	477
2018	187	214	222	503
2019	206	224	213	507
2020	187	171	187	413
2021	222	197	162	446
2022	258	276	245	540
2023	333	441	383	707
State-supported outpatient community mental health centers 1/				
2010	3,496	2,925	2,997	5,810
2011	2,996	2,473	2,815	4,392
2012	2,796	2,211	2,411	4,030
2013	3,000	2,121	1,797	3,744
2014	2,801	1,918	1,763	3,480
2015	2,625	1,095	1,368	2,899
2016	2,525	917	1,139	2,571
2017	2,491	1,165	1,336	2,561
2018	2,439	1,250	1,443	2,495
2019	2,149	950	1,074	2,176
2020	2,047	500	640	1,864
2021	1,981	743	902	1,912
2022	2,382	897	645	1,854
2023	3,386	2,341	1,490	2,094

1/ Beginning in 2007, the methodology was changed to include persons seen only for assessment or eligibility determination.

Source: Hawaii State Department of Health, Adult Mental Health Division, records.

**Table 2.32-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:
2000 TO 2023**

[Fiscal year ending June 30]

Year	Number of beds on June 30 2/	Admissions		Patients in hospital 1/	
		Total	First time 3/	Average	On June 30
2000	168	137	60	151	149
2001	168	183	88	158	157
2002	168	169	93	152	137
2003	168	184	101	167	174
2004	178	184	92	171	169
2005	178	182	80	172	181
2006	190	208	97	187	187
2007	190	191	82	183	191
2008	202	226	99	193	179
2009	202	192	75	174	183
2010	202	230	87	192	186
2011	202	220	75	185	180
2012	202	277	118	190	199
2013	202	301	125	186	195
2014	202	299	131	196	204
2015	202	304	112	205	198
2016	202	349	148	203	209
2017	202	319	115	203	202
2018	202	351	125	203	201
2019	202	364	153	203	208
2020	202	331	113	220	227
2021	273	229	81	196	203
2022	417	333	135	225	313
2023	297	497	220	274	348

1/ Includes patients on leave and absent without leave. In fiscal year 2023, 34% percent of patients went on leave or were absent without leave.

2/ Number of licensed beds. The number of beds available for use, however, is dependent upon the staff/patient ratio.

3/ Admissions in which a person has entered the facility for the first time. Prior to the 2015 data, these figures were erroneously described as admissions in which a person had entered the facility for the first time during the fiscal year for which the data were collected.

Source: Hawaii State Hospital, records.

Table 2.33-- HANSEN'S DISEASE PATIENTS REGISTERED: 2019 TO 2023

Subject	2019	2020	2021	2022	2023
Patients on register, Dec. 31	293	290	271	265	265
Department of Health, Hansen's Disease					
Community Program 1/	281	278	262	256	257
Kalaupapa	12	12	9	9	8
New cases	15	15	7	8	18
Deaths	-	-	3	-	1

1/ Patients are registered to this community program, but reside at home.

Source: Hawaii State Department of Health, Hansen's Disease Branch, records.

Table 2.34-- ESTIMATED USE OF SELECTED SUBSTANCES, FOR HAWAII AND THE UNITED STATES: 2021-2022

[Data in this table are averages based on the 2021 and 2022 National Surveys on Drug Use and Health. Current users are those persons 12 years old and over. The figures in this table are based on national design-based estimates and are subject to sampling variability. Due to methodology changes, they cannot be compared to previous years' estimates]

Substance and time period	Hawaii		United States	
	Number (1,000)	Percent 1/	Number (1,000)	Percent 1/
Use in the past month				
Marijuana	142	12.0	39,632	14.1
Any illicit drug use other than marijuana 2/	38	3.2	9,334	3.3
Binge alcohol 3/	246	20.7	60,889	21.7
Tobacco product 4/	167	14.1	53,567	19.1
Cigarette	136	11.5	42,915	15.3
Use in the past year				
Marijuana	217	18.4	57,540	20.5
Cocaine	22	1.9	5,017	1.8
Methamphetamine	11	0.9	2,673	1.0
Pain reliever misuse 5/	33	2.8	8,671	3.1

1/ Percent of the population 12 years old and over.

2/ Illicit drug use other than marijuana includes the misuse of prescription psychotherapeutics or the use of cocaine (including crack), heroin, hallucinogens, inhalants, or methamphetamine. See Footnote 5 for definition of misuse of prescription psychotherapeutics.

3/ Binge alcohol use is defined as drinking five or more drinks (for males) or four or more drinks (for females) on the same occasion (i.e. at the same time or within a couple hours of each other) on at least one day in the past 30 days.

4/ Tobacco products include cigarettes, smokeless tobacco (i.e., snuff, dip, chewing tobacco, or snus), cigars, or pipe tobacco.

5/ Misuse of prescription psychotherapeutics is defined as use in any way not directed by a doctor, including use without a prescription of one's own; use in greater amounts, more often, or longer than told; or use in any other way not directed by a doctor. Prescription psychotherapeutics do not include over-the-counter drugs.

Source: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services Administration, Center for Behavioral Health Statistics and Quality, "National Survey on Drug Use and Health, 2021-2022" <<https://www.samhsa.gov/data/nsduh/state-reports-NSDUH-2022>> accessed April 3, 2024.

Table 2.35-- PREVALENCE OF VARIOUS SUBSTANCES AMONG STUDENTS IN HAWAII, 2017 TO 2021, AND THE UNITED STATES, 2021

[In percentages. The survey is administered in odd-numbered years to Hawaii public school students in middle school (grade 6-8) and high school (grade 9-12). Does not include charter or special public schools. Based on a sample and subject to sampling variability]

Substance and education stage	Hawaii			U.S.
	2017	2019	2021	2021
Middle school				
Current drinker 1/	11.6	7.0	(NA)	(NA)
Binge drinking 2/	5.4	4.6	(NA)	(NA)
Current cigarette smoker 1/	5.0	3.9	1.9	(NA)
Current electronic vapor product use 1/	15.7	17.7	6.7	(NA)
Current marijuana use 1/	7.6	7.2	(NA)	(NA)
Ever used any form of cocaine	3.3	2.8	0.8	(NA)
Ever used methamphetamines	2.1	3.7	(NA)	(NA)
Ever used ecstasy	1.5	(NA)	(NA)	(NA)
Ever misused a prescription pain medicine 3/	6.8	10.6	6.6	(NA)
High school				
Current drinker 1/	24.5	20.4	16.6	22.7
Binge drinking 2/	12.6	10.9	8.3	10.5
Current cigarette smoker 1/	8.1	5.3	3.0	3.8
Current electronic vapor product use 1/	25.5	30.6	14.8	18.0
Current marijuana use 1/	18.1	17.2	12.0	15.8
Ever used any form of cocaine	7.1	5.8	2.5	2.5
Ever used heroin	4.5	3.6	1.8	1.3
Ever used methamphetamines	4.8	4.5	1.8	1.8
Ever used hallucinogenic drugs 4/	7.6	(NA)	(NA)	6.5
Ever used ecstasy	6.0	4.5	2.7	2.9
Ever misused a prescription pain medicine 3/	12.2	14.4	10.8	12.2

NA Not available.

1/ Consumed substance on at least 1 day during the 30 days before the survey.

2/ Had four or more drinks of alcohol in a row if they were female, or five or more drinks of alcohol in a row if they were male, within a couple of hours, on at least 1 day during the 30 days before the survey.

3/ Ever took a prescription pain medicine without a doctor's prescription or different than prescribed use.

4/ Hallucinogenic drugs such as LSD, acid, PCP, angel dust, mescaline, or mushrooms.

Source: Centers for Disease Control and Prevention, "Youth Risk Behavior Survey" for Hawaii and the United States <<https://nccd.cdc.gov/youthonline>> accessed May 5, 2023

**Table 2.36-- SELECTED HEALTH CARE PROVIDERS LICENSED IN HAWAII, BY PLACE OF ADDRESS:
SEPTEMBER 14, 2023**

[Permanent licenses only. Does not include interns, residents, or providers who provide state government services only. Excludes inactive licenses]

Type of provider	Total	State of Hawaii							Mainland U.S.	Foreign
		Total	Oahu	Hawaii	Maui	Kauai	Molokai	Lanai		
Physicians and surgeons 1/	11,899	5,402	4,150	532	486	218	13	3	6,484	13
Certified physician assistants	569	432	282	58	71	21	-	-	137	-
Adv. practice registered nurses	2,455	1,444	1,078	189	109	63	4	1	1,010	1
Registered nurses	29,639	16,454	12,078	1,956	1,581	775	40	24	13,157	28
Pharmacists	2,758	1,545	1,173	179	118	71	3	1	1,210	3
Dentists	1,481	1,150	868	115	115	48	3	1	328	3
Optometrists	451	314	242	36	23	11	1	1	137	-
Physical therapists	1,839	1,219	856	140	150	70	3	-	617	3
Psychologists	1,289	832	643	95	57	34	1	2	457	-
Mental health counselors	775	568	402	98	52	14	2	-	207	-

1/ Includes physicians, osteopathic physicians and surgeons, and podiatrists.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, "Geographic Report (Current Licenses) as of September 14, 2023" <<https://cca.hawaii.gov/pvl/reports/>> accessed April 9, 2024; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY FEDERAL TAX STATUS AND KIND OF BUSINESS: 2017**

[Includes establishments with payroll. Statistics based on the 2017 North American Industry Classification System (NAICS)]

NAICS code	Federal tax status and kind of business	Number of establishments	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
	Subject to federal income tax				
62	Health care and social assistance	2,844	3,771,589	1,584,522	29,918
621	Ambulatory health care services	2,597	3,208,696	1,353,217	22,564
6211	Offices of physicians	1,099	1,193,088	543,019	6,875
6212	Offices of dentists	621	515,942	195,518	4,035
6213	Offices of other health practitioners	596	265,886	97,791	2,607
6214	Outpatient care centers	123	724,770	313,426	3,909
6215	Medical and diagnostic laboratories	57	309,314	103,738	1,801
6216	Home health care services	(D)	(D)	(D)	(2/)
6219	Other ambulatory health care services	(D)	(D)	(D)	(3/)
623	Nursing and residential care facilities	106	447,746	175,637	4,978
6231	Nursing care facilities (skilled nursing facilities)	39	352,919	141,616	3,792
6232	Residential intellectual and developmental disability, mental health, and substance abuse facilities	(D)	(D)	(D)	(4/)
6233	Continuing care retirement communities and assisted living facilities for the elderly	54	71,383	26,913	915
6239	Other residential care facilities	(D)	(D)	(D)	(5/)
624	Social assistance	141	115,147	55,668	2,376
6241	Individual and family services	70	68,128	32,415	1,557
6243	Vocational rehabilitation services	(D)	(D)	(D)	(4/)
6244	Child day care services	48	22,599	11,240	459

Continued on next page.

**Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY FEDERAL TAX STATUS AND KIND OF BUSINESS: 2017 -- Con.**

NAICS code	Federal tax status and kind of business	Number of establishments	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
	Exempt from federal income tax				
62	Health care and social assistance	833	6,014,111	2,413,887	43,633
621	Ambulatory health care services	142	783,021	334,188	6,514
6214	Outpatient care centers	102	614,588	252,777	4,385
6216	Home health care services	(D)	(D)	(D)	(2/)
6219	Other ambulatory health care services	(D)	(D)	(D)	(6/)
622	Hospitals	29	4,350,582	1,703,122	23,312
6221	General medical and surgical hospitals	23	3,753,475	1,468,402	19,886
6223	Specialty (except psychiatric and substance abuse) hospitals	(D)	(D)	(D)	(7/)
623	Nursing and residential care facilities	75	281,286	122,674	3,512
6231	Nursing care facilities (skilled nursing facilities)	11	100,163	43,685	1,125
6232	Residential intellectual and developmental disability, mental health, and substance abuse facilities	46	78,574	30,561	1,029
6233	Continuing care retirement communities and assisted living facilities for the elderly	9	84,772	42,899	1,176
6239	Other residential care facilities	9	17,777	5,529	182
624	Social assistance	587	599,222	253,903	10,295
6241	Individual and family services	258	319,241	144,904	6,126
6242	Community food and housing, and emergency and other relief services	(D)	(D)	(D)	(3/)
6243	Vocational rehabilitation services	(D)	(D)	(D)	(2/)
6244	Child day care services	217	105,705	53,932	2,165

D Withheld to avoid disclosing data for individual companies; data are included in higher level totals.

1/ For week including March 12.

2/ 1,000 to 2,499 employees.

3/ 500 to 999 employees.

4/ 250 to 499 employees.

5/ 0 to 19 employees.

6/ 100 to 249 employees

7/ 2,500 to 4,999 employees

Source: U.S. Census Bureau, 2017 Economic Census, Table EC1762BASIC <<https://census.hawaii.gov/>> accessed February 7, 2020.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY COUNTY AND PLACE: 2017**

[Includes establishments with payroll. Statistics based on the 2017 North American Industry Classification System (NAICS). Due to disclosure changes for the 2017 Economic Census, components may not sum to higher levels of geography and areas with 3 or fewer establishments are not shown]

Geographic area	Number of establishments	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
State total	3,677	9,785,700	3,998,409	73,551
Hawaii County	476	917,226	420,060	8,222
Captain Cook	7	1,594	622	28
Hawaiian Beaches	(D)	(D)	(D)	(2/)
Hawaiian Paradise Park	5	1,032	(D)	(2/)
Hilo	233	473,300	247,757	4,621
Holualoa	(D)	(D)	(D)	(2/)
Honalo	(D)	(D)	(D)	(3/)
Kahaluu-Keauhou	7	18,203	6,764	186
Kailua	64	64,921	30,570	694
Kalaoa	9	9,978	3,859	76
Waikoloa Village	4	1,902	931	43
Waimea	30	82,320	32,512	608
Balance of Hawaii County	(D)	(D)	(D)	(4/)
Honolulu County	2,578	7,522,451	2,994,183	54,227
Ahuimanu	7	14,524	3,964	88
Aiea	53	67,821	19,988	270
East Honolulu	82	105,491	38,759	990
Ewa Beach	29	203,571	87,224	1,338
Ewa Gentry	4	2,424	981	14
Ewa Villages	4	15,530	6,345	177
Halawa	18	143,569	50,104	1,199
Haleiwa	15	9,013	(D)	(2/)
Heeia	4	440	104	3
Kahaluu	4	1,355	559	23
Kahuku	7	27,100	13,101	309
Kailua	147	316,371	127,170	2,022
Kaneohe	109	204,266	96,764	2,232
Kapolei	31	59,042	30,777	1,550
Ko Olina	(D)	(D)	(D)	(5/)
Laie	4	2,119	858	35
Maili	6	4,432	2,125	85

Continued on next page.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY COUNTY AND PLACE: 2017 -- Con.**

Geographic area	Number of establishments	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
Honolulu County (con.)				
Makaha	8	13,993	5,563	184
Makakilo	(D)	(D)	(D)	(2/)
Mililani Mauka	(D)	(D)	(D)	(2/)
Mililani Town	30	31,672	15,915	306
Nanakuli	5	3,935	1,395	29
Ocean Pointe	13	17,477	5,464	140
Pearl City	71	93,878	38,791	909
Royal Kunia	(D)	(D)	(D)	(6/)
Urban Honolulu	1,529	5,292,820	2,084,380	34,983
Wahiawa	(D)	(D)	(D)	(7/)
Waianae	33	96,279	46,965	917
Waikele	8	9,749	3,681	88
Waimalu	90	369,961	137,861	2,156
Waimanalo	(D)	(D)	(D)	(6/)
Waimanalo Beach	6	2,071	1,013	24
Waipahu	92	119,564	45,720	1,074
Waipio	19	42,112	17,692	224
Balance of Honolulu County	49	82,034	34,912	1,031
Kauai County	192	413,287	180,241	3,324
Eleele	3	4,092	3,083	71
Hanapepe	(D)	(D)	(D)	(3/)
Kalaheo	(D)	(D)	(D)	(2/)
Kapaa	32	38,319	19,325	321
Kilauea	11	6,712	1,922	68
Koloa	(D)	(D)	(D)	(3/)
Lihue	92	279,338	118,482	2,135
Wailua	3	971	395	14
Balance of Kauai County	(D)	(D)	(D)	(7/)
Maui County	431	932,736	403,925	7,778
Haiku-Pauwela	7	2,179	697	16
Kaanapali	(D)	(D)	949	(2/)
Kahului	97	187,021	83,437	1,757
Kaunakakai	19	29,299	11,396	290
Kihei	39	36,437	14,086	302
Kula	(D)	(D)	(D)	(2/)
Lahaina	29	21,166	8,675	192

Continued on next page.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY COUNTY AND PLACE: 2017 -- Con.**

Geographic area	Number of establishments	Receipts/ revenue (\$1,000)	Annual payroll (\$1,000)	Number of employees 1/
Maui County (con.)				
Lanai City	13	13,510	6,072	105
Makawao	19	7,108	2,985	84
Napili-Honokowai	3	4,187	(D)	(3/)
Paia	(D)	(D)	(D)	(2/)
Pukalani	(D)	(D)	(D)	(2/)
Wailea	8	11,097	2,954	49
Wailuku	138	541,929	238,576	4,217
Balance of Maui County	26	65,612	27,808	584

D Withheld to avoid disclosing data of individual companies; data are included in higher level totals.

1/ For week including March 12.

2/ 20 to 99 employees

3/ 0 to 19 employees.

4/ 1,000 to 2,499 employees.

5/ 250 to 499 employees.

6/ 100 to 249 employees.

7/ 500 to 999 employees.

Source: U.S. Census Bureau, 2017 Economic Census, Table EC1762BASIC <<https://data.census.gov>>
accessed July 6, 2020.

Table 2.39-- MARRIAGES: 2004 TO 2022

[Place of occurrence basis]

Year	Marriages		Rates per 1,000 resident population 2/	Percent of marriages	
	Total	Resident 1/		Nonresident 3/	Interracial 4/
2004	28,843	9,225	7.2	68.0	56.0
2005	29,272	9,358	7.2	68.0	54.7
2006	28,681	9,300	7.1	67.6	53.7
2007	27,346	9,401	7.1	65.6	55.1
2008	25,464	9,643	7.2	62.1	54.1
2009	23,169	9,017	6.7	61.1	53.1
2010	23,918	9,117	6.7	61.9	53.4
2011	24,177	8,907	6.5	63.2	55.2
2012	24,207	8,863	6.4	63.4	55.3
2013	22,902	8,692	6.2	62.0	55.0
2014	25,175	9,366	6.6	62.8	54.7
2015	22,834	8,870	6.2	61.2	54.8
2016	22,241	8,652	6.1	61.1	55.2
2017	21,924	8,599	5.9	60.8	57.2
2018	21,697	8,061	5.5	62.8	56.6
2019	20,068	7,520	5.2	62.5	54.3
2020	10,444	6,877	4.7	34.2	53.6
2021	18,493	7,373	5.1	60.1	54.3
2022	20,777	7,068	4.9	66.0	46.1

1/ One or both partners are residents of Hawaii.

2/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2023. Rate calculations for 2010-2019 are based on population estimates by DBEDT. Rates may differ from previous Data Books due to revisions to population estimates.

3/ Neither spouses is a resident of Hawaii.

4/ Based on number reporting and excludes nonresident marriages. Includes marriages where either spouse is "Part Hawaiian." Does not include marriages where both spouses identified as "Other races."

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, *Population and Housing Unit Estimates*, Tables ST-EST00INT-01 (September 2011) and NST-EST2023-POP (December 2023); DBEDT population estimates for 2010-2019 <<http://dbedt.hawaii.gov/economic/datawarehouse/>>; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.40-- MARRIAGES, RESIDENT AND NONRESIDENT, BY MARRIAGE CHARACTERISTICS AND CEREMONY TYPE: 2020 TO 2022

[Place of occurrence basis]

Year and category	Total	At least one Hawaii resident	Both nonresidents
Marriages, 2020	10,444	6,877	3,567
Opposite-sex marriages	9,939	6,538	3,401
Same-sex marriages	505	339	166
Percent same-sex marriages	4.8	4.9	4.7
Interracial marriages (percent) 1/	44.4	53.6	21.7
Median age (years)			
Males	33.0	31.0	36.0
Females	31.0	30.0	33.0
Previously married (percent)			
Males	29.7	24.8	38.6
Females	28.9	24.8	35.6
Type of ceremony (percent)			
Civil ceremony	13.8	19.1	3.5
Religious ceremony	86.3	80.9	96.5
Marriages, 2021	18,493	7,373	11,120
Opposite-sex marriages	17,596	7,019	10,577
Same-sex marriages	897	354	543
Percent same-sex marriages	4.9	4.8	4.9
Interracial marriages (percent) 1/	40.3	54.3	25.3
Median age (years)			
Males	34.0	31.0	35.0
Females	32.0	30.0	33.0
Previously married (percent)			
Males	29.8	23.3	33.9
Females	29.7	24.4	32.8
Type of ceremony (percent)			
Civil ceremony	7.3	14.7	2.4
Religious ceremony	92.7	85.3	97.6

Continued on next page.

Table 2.40-- MARRIAGES, RESIDENT AND NONRESIDENT, BY MARRIAGE CHARACTERISTICS AND CEREMONY TYPE: 2020 TO 2022 -- Con.

Year and category	Total	At least one Hawaii resident	Both nonresidents
Marriages, 2022	20,777	7,068	13,709
Opposite-sex marriages	19,672	6,667	13,005
Same-sex marriages	1,105	401	704
Percent same-sex marriages	5.3	5.7	5.1
Interracial marriages (percent) 1/	26.1	46.1	15.2
Median age (years)			
Males	34.0	32.0	35.0
Females	32.0	31.0	33.0
Previously married (percent)			
Males	29.4	23.3	32.5
Females	29.2	23.6	31.9
Type of ceremony (percent)			
Civil ceremony	12.7	22.1	7.6
Religious ceremony	87.3	77.9	92.4

1/ Based on number reporting. Includes marriages where either spouse is "Part Hawaiian." Does not include marriages where both spouses identified as "Other races."

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records.