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## Section 2

# VITAL STATISTICS AND HEALTH

This section presents data on births, deaths, marriages, divorces, 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. Information is also available on health care businesses from the U.S. Census Bureau's Economic Censuses, including the newly released 2017 Economic Census. Long-term trends are traced in *Historical Statistics of Hawaii*, Section 2.

**Table 2.01-- BIRTHS AND DEATHS: 2000 TO 2017**

[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	18,391	10,903	12.9	7.7	375.2	8.1	5.8
2016	17,996	10,747	12.6	7.5	375.8	9.0	6.0
2017	17,471	11,218	12.3	7.9	388.2	9.9	5.2

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 2019. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to those population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

3/ 20 weeks gestation and over. Includes 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 Division, *Population and Housing Unit Estimates*, Tables ST-EST00INT-01 (September 2011) and NST-EST-2019-01 (December 2019) <<https://www.census.gov/programs-surveys/popest/data/tables.html>> accessed July 10, 2020; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 2013 TO 2017**

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births 2/						
2013	18,979	-	18,979	3,613	15,366	3,613
2014	18,582	-	18,582	3,374	15,208	3,374
2015	18,461	-	18,461	3,404	15,057	3,404
2016	18,068	-	18,068	3,360	14,708	3,360
2017	17,524	-	17,524	3,031	14,493	3,031
Deaths						
2013	10,576	42	10,534	77	10,457	119
2014	10,885	31	10,854	80	10,774	111
2015	11,215	41	11,174	82	11,092	123
2016	11,057	41	11,016	81	10,935	122
2017	11,525	38	11,487	74	11,413	112
Birth rates 3/						
2013	12.3	0.0	12.7	59.7	10.7	33.9
2014	11.9	0.0	12.3	53.4	10.5	30.6
2015	11.7	0.0	12.1	52.8	10.3	30.2
2016	11.4	0.0	11.8	52.2	10.0	30.0
2017	11.0	0.0	11.3	51.8	9.8	28.8
Death rates 3/						
2013	6.9	0.9	7.0	1.3	7.3	1.1
2014	7.0	0.7	7.2	1.3	7.5	1.0
2015	7.1	0.9	7.3	1.3	7.6	1.1
2016	7.0	0.9	7.2	1.3	7.4	1.1
2017	7.2	0.8	7.4	1.3	7.7	1.1

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.

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 2019.

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 by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.03-- LIVE BIRTHS, STANDARD FETAL DEATHS, AND ELECTIVE ABORTIONS: 2000 TO 2017**

[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	2/ 21,369	15.0	18,506	754	2,109
2015	21,146	14.9	18,391	766	1,989
2016	21,315	14.9	17,996	808	2,511
2017	20,378	14.3	17,471	696	2,211

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2019. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to those population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

2/ Revised from previous *Data Book*.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division, *Population and Housing Unit Estimates*, Tables ST-EST00INT-01 (September 2011) and NST-EST-2019-01 (December 2019) <<https://www.census.gov/programs-surveys/popest/data/tables.html>> accessed July 10, 2020; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2004 TO 2017**

[Place of occurrence basis]

Event and year	Total	Resident 1/	Nonresident and unknown
<b>Births</b>			
2004	18,296	18,238	58
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	18,461	18,391	70
2016	18,068	17,996	72
2017	17,524	17,471	53
<b>Deaths</b>			
2004	9,252	8,888	364
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	11,057	10,747	310
2017	11,525	11,218	307

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: 2015 TO 2017**

[Place of residence basis]

Subject	2015	2016	2017
Number of resident births	18,391	17,996	17,471
City and County of Honolulu	13,233	12,928	12,452
Percent in City and County of Honolulu	72.0	71.8	71.3
Hawaii County	2,371	2,348	2,285
Kauai County	887	842	852
Maui County (incl. Kalawao)	1,900	1,878	1,882
Percent attended by M.D. or D.O. in hospital	87.5	82.7	89.1
Males per 100 females	103.3	110.7	108.9
Median weight of single births (grams) 1/	3,285	3,280	3,284
Percent low birth weight (under 2,500 grams) 1/	8.3	8.6	8.5
Percent single births under 40 weeks gestation	70.0	70.7	71.3
Percent plural births	2.8	3.5	3.5
Percent with 1 or more congenital malformations	(NA)	(NA)	(NA)
Percent to unmarried mothers	37.5	37.6	38.9
Percent with prenatal visit in first three months	(NA)	(NA)	(NA)
Percent first child born to mother 2/	33.0	30.7	30.9
Percent first child born alive to mother	39.3	39.3	39.4
Median age of mothers (years)	29	29	29
Median age of known fathers (years)	31	31	31

NA Not available.

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 2018**

[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. Rates for 1991-2001 were revised between 2003 and 2005 using revised population estimates. Therefore, rates may differ from those shown in earlier editions of the *Data Book*]

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	2/ 7	73.9	65.9	4
1995	15.5	14.6	3/ 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	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	2/ 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	4/ 15	72.3	66.1	6
2004	14.5	14.0	3/ 15	74.0	66.3	6
2005	14.1	14.0	2/ 19	72.9	66.7	8
2006	14.8	14.2	3/ 16	73.9	68.5	13
2007	14.9	14.3	18	76.0	69.5	2/ 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	3/ 9	71.9	63.2	7
2012	13.6	12.6	2/ 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	2/ 14	68.7	62.5	11
2016	12.6	12.2	5/ 14	67.6	62.0	10
2017	12.3	11.8	4/ 15	65.9	60.3	7
2018	11.9	11.6	2/ 20	64.2	59.1	9

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

2/ Tied with one other state.

3/ Tied with two other states.

4/ Tied with three other states.

5/ Tied with four other states.

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 February 4, 2020.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE, BY MILITARY STATUS OF PARENT: 2017**

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

<b>Military status of parent</b>	<b>Total births</b>	<b>Unmixed</b>	<b>Mixed 1/</b>	<b>Not reported 2/</b>	<b>Percent mixed 3/</b>
Total	17,471	7,013	9,621	837	57.8
Military 4/	3,020	2,088	894	38	30.0
All others 5/	14,451	4,925	8,727	799	63.9

1/ Includes births in which the ethnicity of the father is different from the ethnicity of the mother or births in which the father or the mother are of two or more ethnicities. 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 unmixed.

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.

**Table 2.08-- MOST COMMON FIRST NAMES ON BIRTH CERTIFICATES,  
BY SEX: 2017**

[Place of occurrence basis. A total of 8,950 first names, including variant spellings, was reported for the 17,524 babies born in Hawaii in 2017]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Liam	79	1	Emma	73
2	Noah	64	2	Olivia	65
3	Mason	60	3	Aria	52
4	Elijah	56	4	Ava	47
5	Logan	55	5	Chloe	44
6	Ethan	52	6	Mila	39
7	Ezekiel	51	7	Isabella	38
8	Luke	44	8	Sophia	36
9	James	43	9	Mia	34
10	Ezra	42	10	Maya	33

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

**Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH CERTIFICATES: 2017**

Birth certificates			Death certificates		
Rank	Surname	Number	Rank	Surname	Number
1	Lee	70	1	Lee	75
2	Smith	64	2	Wong	64
3	Johnson	57	3	Smith	44
4	Kim	53	4	Chang	43
5	Brown	44	4	Yamamoto	43
6	Williams	41	6	Nakamura	42
7	Silva	40	7	Kim	41
8	Garcia	36	8	Higa	36
9	Ramos	35	9	Young	35
10	Wong	34	10	Ching	33

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://hjmp.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 2010**

[Average expectation of life in years]

Year of birth	Hawaii			United States		
	Both sexes	Male	Female	Both sexes	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

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://hjmp.org/76.01.htm>> accessed January 11, 2017.

**Table 2.12-- EXPECTATION OF LIFE AT BIRTH, BY SEX,  
BY COUNTY: 2014**

[Average expectation of life in years. 2013-2015 average used to calculate the death rate]

County	Both sexes	Male	Female
State of Hawaii	81.5	78.7	84.4
Hawaii	80.2	77.2	83.4
Honolulu	81.8	79.0	84.6
Kauai	81.9	79.4	84.4
Maui 1/	81.1	78.2	84.1

1/ Maui County includes Kalawao County.

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2045 - DBEDT 2045 Series* (June 2018)

<<http://dbedt.hawaii.gov/economic/economic-forecast/2045-long-range-forecast/>> accessed June 29, 2018 and records.

**Table 2.13-- AVERAGE LIFETIME, BY SEX: 1959-1961 TO 1999-2001**

[Average of the three years]

Period	Years			Rank 1/		
	Both sexes	Male	Female	Both sexes	Male	Female
1959-1961	71.55	69.79	74.01	7	(NA)	(NA)
1969-1971	73.60	71.02	76.79	1	1	3
1979-1981	77.02	74.08	80.33	1	1	1
1989-1991 2/	78.21	75.37	81.26	1	1	1
1999-2001 3/	80.23	77.17	83.65	1	1	1

NA Not available.

1/ Among the 50 states and the District of Columbia, with the highest average lifetime in years ranking 1.

2/ Average lifetime for all states combined was 75.37 years for both sexes combined, 71.83 years for males, and 78.81 years for females.

3/ Average lifetime for all states combined was 76.86 years for both sexes combined, 74.13 years for males, and 79.47 years for females.

Source: U.S. Department of Health, Education, and Welfare, National Center for Health Statistics, *Life Tables: 1959-61*, Vol. 2, No. 12, *Hawaii State Life Tables: 1959-61* (June 1966), p. 160, and unpublished tabulations; U.S. Department of Health, Education, and Welfare, National Center for Health Statistics, *U.S. Decennial Life Tables for 1969-71*, Vol. II, No. 12, *Hawaii State Life Tables: 1969-71* (June 1975), p. 12-6; and U.S. Department of Health and Human Services, National Center for Health Statistics, *U.S. Decennial Life Tables for 1979-81*, Vol II, *State Life Tables*, No. 12, *Hawaii* (December 1985) p. 12-3; *U.S. Decennial Life Tables for 1989-91*, Vol. II, *State Life Tables*, No. 12, *Hawaii* (March 1998), p. 4; *U.S. Decennial Life Tables for 1999-2001*, *State Life Tables, Hawaii*, p. 1

<<http://www.cdc.gov/nchs/nvss/mortality/lewk4.htm>> accessed June 23, 2012; and *U.S. Decennial Life Tables for 1999-2001*, *United States Life Tables*, Vol. 57 No. 1 (August 5, 2008) pp.7, 9 and 11

<[http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57\\_01.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_01.pdf)> accessed June 24, 2012.



**Table 2.14-- SELECTED LIFE TABLE VALUES: 1999-2001**

[Average of the three years]

Age	Average number of years of life remaining at beginning of year of age			Number surviving to specified age per 100,000 born alive		
	Both sexes	Male	Female	Both sexes	Male	Female
0 to 1	80.23	77.17	83.65	100,000	100,000	100,000
1 to 2	79.79	76.78	83.18	99,297	99,207	99,372
5 to 6	75.86	72.86	79.24	99,208	99,111	99,291
10 to 11	70.90	67.89	74.28	99,164	99,069	99,243
15 to 16	65.94	62.95	69.31	99,094	98,976	99,197
20 to 21	61.09	58.13	64.41	98,870	98,672	99,061
25 to 26	56.28	53.39	59.52	98,537	98,213	98,882
30 to 31	51.49	48.65	54.65	98,166	97,713	98,655
35 to 36	46.71	43.92	49.82	97,719	97,157	98,324
40 to 41	41.99	39.23	45.06	97,109	96,423	97,843
45 to 46	37.35	34.64	40.36	96,221	95,351	97,143
50 to 51	32.83	30.19	35.76	94,898	93,732	96,120
55 to 56	28.48	25.93	31.29	92,912	91,284	94,618
60 to 61	24.32	21.91	26.97	89,967	87,620	92,402
65 to 66	20.42	18.17	22.87	85,653	82,239	89,131
70 to 71	16.79	14.76	19.02	79,489	74,566	84,336
75 to 76	13.52	11.75	15.48	70,870	64,111	77,422
80 to 81	10.64	9.14	12.31	59,314	50,818	67,775
85 to 86	8.19	6.97	9.55	45,089	35,602	55,063
90 to 91	6.18	5.22	7.23	29,582	20,718	39,809
95 to 96	4.58	3.86	5.36	15,544	9,160	24,023
100 to 101	3.35	2.84	3.91	5,879	2,720	11,002
105 to 106	2.45	2.10	2.82	1,382	461	3,339
109 to 110	1.92	1.66	2.18	272	65	847

Source: U.S. Department of Health and Human Services, National Center for Health Statistics, *U.S. Decennial Life Tables for 1999-2001, State Life Tables, Hawaii* <<http://www.cdc.gov/nchs/nvss/mortality/lewk4.htm>> accessed June 22, 2012.

**Table 2.15-- SELECTED LIFE TABLE VALUES: 2014**

[Average expectation of life in years. 2013-2015 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	78.7	84.4	100,000	100,000
1	78.2	83.8	99,437	99,519
5	74.2	79.8	99,356	99,429
10	69.3	74.9	99,298	99,380
15	64.3	69.9	99,233	99,345
20	59.5	65.0	98,988	99,207
25	54.7	60.1	98,554	99,043
30	50.0	55.2	98,084	98,864
35	45.3	50.3	97,507	98,602
40	40.6	45.5	96,706	98,244
45	36.0	40.8	95,734	97,678
50	31.6	36.2	93,982	96,669
55	27.5	31.7	91,276	95,102
60	23.5	27.3	87,651	93,062
65	19.8	23.1	82,620	90,272
70	16.1	19.0	76,503	86,364
75	12.8	15.3	68,255	80,405
80	9.8	11.8	56,911	71,603
85	7.2	8.6	42,840	59,716
90	4.7	5.8	27,890	43,728
95	3.1	4.0	11,125	22,367
100	2.2	2.9	1,851	6,884

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2045 - DBEDT 2045 Series*, Tables A-27 to A-28 (June 2018) <<http://dbedt.hawaii.gov/economic/economic-forecast/2045-long-range-forecast/>> accessed July 13, 2018.

**Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2015 TO 2017**

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

Subject	2015	2016	2017
Number of resident deaths	10,903	10,747	11,218
City and County of Honolulu	7,504	7,451	7,721
Hawaii County	1,678	1,687	1,777
Kauai County	564	551	589
Maui County (incl. Kalawao)	1,157	1,058	1,131
Males per 100 females	110.3	113.4	114.7
Median age (years)	79	79	79
Centenarian deaths:	172	171	207
Male	38	44	46
Female	134	127	161
Oldest (age in years):	108	110	107
Male	104	105	106
Female	108	110	107
Percent married	37.2	37.5	37.8
Deaths under 1 year	105	105	88
Per 1,000 live births	5.7	5.8	5.0
Fetal deaths 1/	2,755	3,319	2,907
Per 1,000 deliveries	130.3	155.7	142.7
Fetal deaths, 20 or more weeks gestation 2/	145	159	169
Per 1,000 live births	7.9	8.8	9.7
Standard fetal deaths 3/	766	808	696
Elective abortions	1,989	2,511	2,211
Per 1,000 live births	108.2	139.5	126.6

1/ Includes elective abortions.

2/ Includes elective abortions if 20 weeks or more.

3/ Excludes elective abortions.

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

**Table 2.17-- CAUSES OF DEATH, BY SEX: 2017**

[Place of residence basis. Excludes deaths to Hawaii residence occurring out of state. Causes of death were coded according to the International Classification of Diseases, Version 10]

Causes of death	Both sexes	Males 1/	Females
Total deaths	11,218	5,993	5,225
Malignant neoplasm (cancer)	2,406	1,340	1,066
Stomach	67	43	24
Colon, rectum and anus	224	111	113
Pancreas	216	108	108
Trachea, bronchus and lung	541	323	218
Breast (female)	154	-	154
Cervix uteri, corpus uteri and ovary	96	-	96
Prostate	127	127	-
Urinary tract	99	79	20
Non-Hodgkin's lymphoma	85	45	40
Leukemia	90	56	34
Other malignant neoplasms	707	448	259
Diabetes mellitus	296	174	122
Alzheimer's disease	464	142	322
Diseases of the heart	2,536	1,464	1,072
Hypertensive heart disease	214	129	85
Ischemic heart disease	1,251	783	468
Other forms of heart disease	1,071	552	519
Hypertension	122	53	69
Cerebrovascular disease	756	338	418
Other circulatory system diseases (inc. atherosclerosis)	122	65	57
Influenza/pneumonia	630	281	349
Chronic lower respiratory diseases	374	196	178
Chronic liver disease and cirrhosis	128	78	50
Nephritis and nephrosis	203	123	80
Perinatal conditions	57	29	28
Congenital anomalies	31	18	13
Symptoms & ill-defined conditions (inc. sudden infant death syndrome)	112	60	52
Other diseases 2/	2,107	1,034	1,073
Motor vehicle accidents	102	77	25
All other & unspecified accidents & adverse effects	483	305	178
Intentional self-harm (suicide)	221	165	56
Assault	35	26	9
All other external causes	33	25	8

1/ Unknown sex classified as male.

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 2.18-- GREATEST CATASTROPHIC MORTALITY OF RECORD,  
BY TYPE OF DISASTER: 1778 TO 2020**

[Complete through June 1, 2020]

Type of disaster	Date	Location	Event	Deaths
Aircraft	Mar. 22, 1955	Waianae Mts.	Crash of MATS R6-D	66
Asphyxiation	Oct. 19, 1937	Palama	Leaking gas in house	8
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	June 8, 1944	Kalihi	Colliding bombers set fire to houses 1/	10
Fire	Oct. 15, 1997	Palolo	Fire destroyed 3 houses	7
Flood	Jan. 18, 1916	Iao; Wailuku	Cloudburst and flood	14
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, riots, etc.	Dec. 7, 1941	Oahu	Pearl Harbor attack	2,500
War, riots, etc.	Jan. 1790	Olowalu	U.S. ship fired on native canoes	> 100
War, riots, etc.	Sept. 9, 1924	Hanapepe	Police fired on strikers	20

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 2.19-- CATASTROPHIC MORTALITY: 1994 TO 2020**

[Includes all accidents, natural disasters, and other events causing five or more deaths.  
Complete through June 1, 2020]

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	Surfacing submarine hit and sank 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

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 2.20-- DEATHS BY METHOD OF DISPOSITION: 1980 TO 2017**

[Place of occurrence basis]

<b>Method</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>	<b>2016</b>	<b>2017</b>
All methods	5,204	7,055	8,511	9,654	11,057	11,525
Cremation	2,241	3,564	5,092	6,661	8,012	8,405
Burial	2,343	2,798	2,767	2,322	2,375	2,387
Removal	567	656	591	562	501	527
Medical science	-	-	40	91	150	183
All others 1/	53	37	21	18	19	23

1/ Includes entombment.

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

**Table 2.21-- PERSONS ON THE STATE BLIND REGISTER, BY COUNTY, 2005 TO 2019, AND BY LEVEL OF VISUAL IMPAIRMENT, 2019**

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

<b>Year and subject</b>	<b>State total</b>	<b>City and County of Honolulu</b>	<b>Hawaii County</b>	<b>Kauai County</b>	<b>Maui County</b>
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
Level of visual impairment: 2019					
Total	3,065	2,423	338	125	179
Blind 2/	2,670	2,112	290	106	162
Visually impaired 3/	395	311	48	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 2.22-- SELECTED CHRONIC CONDITIONS: 2012**

[Sample survey consisted of 11,904 people. Data were weighted based on the 2010 Census data]

<b>Selected chronic conditions</b>	<b>Prevalence of condition 1/</b>	<b>Conditions per 1,000 persons 2/</b>
High blood cholesterol	242,469	174
Hypertension	241,183	173
Asthma	154,142	111
Arthritis	117,229	84
Diabetes	93,912	68
Heart	56,189	40
Cancer	48,413	35
Lung	20,060	14

1/ Number of persons told by a physician or medical professional that they have the condition.

2/ Population base includes persons under 18 years, not usually subject to some of these conditions.

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

**Table 2.23-- SPECIFIED COMMUNICABLE DISEASES: 2014 TO 2018**

Disease	2014	2015	2016	2017	2018
Cases 1/					
AIDS	34	35	19	13	10
Campylobacteriosis	737	572	524	627	864
E. coli 0157:H7	25	42	28	29	12
Fish poisoning 2/	24	30	30	33	24
Giardiasis	43	43	41	53	44
Gonorrhea	1,020	1,252	1,463	1,358	1,278
Hansen's Disease 3/	14	7	15	17	17
Hepatitis A	5	8	296	12	4
Hepatitis B (acute)	5	10	1	-	3
Influenza 4/	5,382	7,477	5,129	12,417	8,067
Leptospirosis 5/	23	23	33	25	22
Malaria 6/	5	1	1	4	2
Measles (rubeola) 6/	15	-	1	-	-
Meningitis, bacterial	2	5	2	1	1
Mumps 7/	1	4	10	843	240
Pertussis (whooping cough) 4/	38	46	56	39	36
Pneumococcal disease	89	67	101	109	108
Rubella 6/	-	-	-	-	-
Salmonellosis	323	299	327	299	361
Shigellosis	29	82	41	41	242
Syphilis (primary & secondary)	68	92	112	94	91
Tuberculosis	136	127	119	117	114
Zika Virus	(NA)	6	22	11	7
Deaths 8/					
AIDS	18	13	14	12	(NA)
Hepatitis B (acute)	6	(9/)	6	-	(NA)
Influenza	13	38	16	40	(NA)
Meningitis, bacterial	(9/)	-	(9/)	(9/)	(NA)
Pneumococcal disease	(9/)	(9/)	-	(9/)	(NA)
Salmonellosis	-	-	(9/)	-	(NA)
Syphilis	-	-	-	-	(NA)
Tuberculosis	6	(9/)	5	(9/)	(NA)

Continued on next page.

## Table 2.23--SPECIFIED COMMUNICABLE DISEASES: 2014 TO 2018 -- Con.

NA Not available.

1/ Place of occurrence basis.

2/ Includes scombroid, ciguatera and hallucinogenic fish poisoning.

3/ Excludes reinstated cases.

4/ Includes laboratory confirmed and clinically diagnosed 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/ Less than 5 deaths.

Source: Hawaii State Department of Health, and Disease Outbreak Control Division, "Historical Summary of Reported Cases of Notifiable Diseases, Hawaii, 2009-2018" <<https://health.hawaii.gov/docd/resources/reports/summary-of-reported-cases-of-notifiable-diseases/>> accessed July 10, 2020 and Office of Health Status Monitoring, records.

**Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2018**

[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
Seatbelt non-use 1/	7.2	5.0	7.4	7.8	7.8
Lack of physical activities 2/	19.9	19.7	20.5	18.9	16.7
Less consumption of vegetables 3/	(NA)	(NA)	(NA)	(NA)	(NA)
Less consumption of fruit or fruit juice 4/	(NA)	(NA)	(NA)	(NA)	(NA)
Binge drinking 5/	19.2	19.2	19.4	20.9	18.9
Current smoker 6/	13.4	17.0	12.3	14.8	15.2
Current use of e-cigarettes 7/	7.1	6.3	7.6	7.6	6.6
Diagnosed with asthma	16.3	19.3	16.2	14.8	17.2
Diagnosed with kidney disease 8/	2.9	2.6	3.1	3.5	2.7
Diagnosed with diabetes	11.5	11.4	12.0	11.0	9.0
Diagnosed with high cholesterol	(NA)	(NA)	(NA)	(NA)	(NA)
Diagnosed with hypertension	33.5	33.1	33.7	35.4	31.6
Overweight 9/	34.6	35.1	34.5	31.8	36.8
Obese I 9/	15.2	16.2	15.3	15.6	14.5
Obese II 9/	5.8	6.9	5.8	5.8	5.9
Obese III 9/	3.9	4.9	3.6	3.9	4.0

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 less than three times per day.

4/ Eat fruit or drink fruit juice less 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 BMIs greater than or equal to 25 but less than 30. Obese I has BMIs greater than or equal to 30 but less than 35; Obese II has BMIs greater than or equal to 35 but less than 40; and Obese III has BMIs greater than or equal to 40.

Source: Hawaii State Department of Health, Hawaii Indicator-Based Information System (Hawaii-IBIS) <[http://ibis.hhdw.org/ibisph-view/query/selection/brfss/\\_BRFSSselection.html](http://ibis.hhdw.org/ibisph-view/query/selection/brfss/_BRFSSselection.html)> accessed June 16, 2020.

**Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES, BY TYPE OF FACILITY: 2003 TO 2018**

[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/				
2003	68	20	45	19
2004	70	22	47	20
2005	68	21	49	17
2006	62	19	43	13
2007	63	19	46	13
2008	66	19	46	14
2009	69	20	49	14
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
Number of licensed beds				
2003	7,685	2,507	4,196	982
2004	7,612	2,464	4,234	914
2005	7,602	2,473	4,257	872
2006	7,233	2,503	3,960	770
2007	7,325	2,528	4,115	682
2008	7,326	2,532	4,013	781
2009	7,632	2,559	4,294	779
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

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 December 16, 2019, 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: 2003 TO 2018**

[Figures based on facilities that reported their activity]

Type of facility and year	Admissions	Average daily census	Average daily percent occupancy
<b>Acute care</b>			
2003	109,055	1,654	66.0
2004	113,066	1,631	66.2
2005	110,873	1,666	67.4
2006	109,540	1,698	67.8
2007	108,732	1,638	64.8
2008	106,132	1,554	61.4
2009	110,724	1,551	60.6
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
<b>Long-term care</b>			
2003	7,468	3,903	93.0
2004	7,881	3,930	92.8
2005	8,393	3,985	93.6
2006	7,120	3,755	94.8
2007	7,630	3,859	93.8
2008	7,555	3,512	87.5
2009	8,502	3,627	84.5
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

Source: State Health Planning & Development Agency, *Health Care Utilization Report* (annual) <<http://health.hawaii.gov/shpda/>> accessed December 16, 2019; 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: 2018**

[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	87	23	47	28
Oahu	57	10	30	21
Hawaii	14	6	8	3
Kauai	6	3	5	-
Maui	7	2	3	3
Molokai	2	1	-	1
Lanai	1	1	1	-
Number of licensed beds				
State total	8,067	2,582	4,439	1,046
Oahu	5,705	1,900	2,853	952
Hawaii	1,142	324	794	24
Kauai	444	111	333	-
Maui	742	228	449	65
Molokai	20	15	-	5
Lanai	14	4	10	-

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 2018 Data* <<http://health.hawaii.gov/shpda/>> accessed December 16, 2019; 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: 2020**

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

Category and island	Total	Type I 1/ Type I 1/	Type I Expanded 2/ Expanded 2/	Type II 3/ Type II 3/	Type II Expanded 4/ Expanded 4/
Number of facilities					
State total	439	184	217	4	34
Oahu	379	149	193	3	34
Hawaii	42	20	22	-	-
Kauai	6	6	-	-	-
Maui	9	7	1	1	-
Molokai	3	2	1	-	-
Lanai	-	-	-	-	-
Number of beds					
State total	2,429	829	1,068	109	423
Oahu	2,141	679	952	87	423
Hawaii	190	84	106	-	-
Kauai	26	26	-	-	-
Maui	57	30	5	22	-
Molokai	15	10	5	-	-
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 I Expanded," 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

March 10, 2020; 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: 2018**

[Figures based on facilities that reported their activity]

Type of facility and island	Admissions	Occupancy (%)	Average daily census
Acute care 1/			
State total	108,262	65.5	1,690
Hawaii	13,245	67.5	219
Oahu	81,098	65.3	1,241
Kauai	4,986	55.1	61
Maui	8,876	74.2	169
Molokai	57	3.4	1
Lanai	-	0.0	-
Long-term care 1/			
State total	10,791	84.1	3,733
Hawaii	1,483	87.2	692
Oahu	8,202	83.8	2,389
Kauai	454	80.5	268
Maui	637	83.4	375
Molokai	-	0.0	-
Lanai	15	87.7	9

1/ Acute/SNF swing beds are classified under acute care.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2018 Data* <<https://health.hawaii.gov/shpda/>> accessed July 6, 2020.

**Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2014 TO 2018**

[Fiscal year ending June 30. Youths registered with the Child and Mental Health Division for one or more days]

Subject	2014	2015	2016	2017	2018
Total	2,225	2,405	2,496	2,405	2,372
Youths registered with services procured 1/ Number	1,337	1,505	1,528	1,420	1,397
Percent	60.1	62.6	61.2	59.0	58.9
Mean age (years)	13.9	13.6	13.5	13.3	13.2
Sex (percent)					
Male	62.0	62.0	61.2	60.6	61.7
Female	38.0	38.0	38.8	39.4	38.3
County					
Hawaii	801	846	869	712	731
Honolulu	898	946	1,058	1,061	1,019
Kauai	225	262	190	202	232
Maui	248	320	348	319	329
Special populations 2/	53	31	31	111	61
Selected services procured (percent) 3/					
Out-of-home	27.2	23.9	22.0	22.2	20.0
Out-of-state	1.6	2.3	2.5	2.0	1.5
Hospital-based residential	5.5	4.7	4.5	6.0	5.9
Community high risk 4/	1.0	0.7	0.5	0.6	0.6
Community residential	10.4	8.5	(4/)	(4/)	(4/)
Community-based residential II	(4/)	(4/)	0.7	0.6	0.5
Community-based residential III	(4/)	(4/)	8.3	7.8	5.7
Transitional family home 5/	(NA)	(NA)	9.5	9.4	9.5
Intensive home & community	77.4	76.8	82.1	84.5	86.0
Multi-systemic therapy	15.5	12.3	12.2	11.1	12.2
Intensive in-home	65.7	67.5	68.3	70.1	70.5
Outpatient 6/	20.2	22.5	15.4	10.0	7.9
Supportive services 7/	12.9	12.1	11.8	11.7	13.1
Crisis stabilization	2.8	2.5	20.1	1.5	1.6

Continued on next page.

**Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2014 TO 2018 -- 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/ Non-county-specific programs for which a youth may be registered. Shown under the "Family Court Liaison Branch" and "Unassigned" categories.

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/ In 2016, the "Community residential" category was split into "Community-based residential II" and "Community-based residential III." The category of "Community high risk" is considered to be "Community-based residential I."

5/ There is no longer a category called "Therapeutic group home". There is a category called "Transitional family home" which used to be under the category "Therapeutic group home."

6/ Previously under the category "therapeutic group home."

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

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 May 20, 2019.

**Table 2.31-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 2005 TO 2019**

<b>Facilities and year</b>	<b>Persons active, Dec. 31</b>	<b>Admissions</b>	<b>Discharges</b>	<b>Persons served</b>
<b>Hawaii State Hospital</b>				
2005	195	220	196	365
2006	177	176	194	349
2007	192	217	202	367
2008	165	200	227	363
2009	191	200	185	348
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
<b>State-supported outpatient community mental health centers 1/</b>				
2005	4,996	2,056	1,455	6,149
2006	5,249	1,920	1,612	6,609
2007	4,073	2,540	4,108	7,998
2008	3,895	2,960	3,348	7,153
2009	3,475	3,463	4,079	6,670
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

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 2019**

[Fiscal year ending June 30]

Year	Number of beds on June 30 1/	Admissions		Patients in hospital 3/	
		Total	First time 2/	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

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

2/ 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.

3/ Includes patients on leave and absent without leave. In fiscal year 2018, 5.6 percent of patients went on leave or absent without leave.

Source: Hawaii State Hospital, records.

**Table 2.33-- HANSEN'S DISEASE PATIENTS REGISTERED: 2015 TO 2019**

<b>Subject</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>
Patients on register, Dec. 31	285	296	306	306	293
Department of Health, Hansen's Disease					
Community Program 1/	270	283	293	294	281
Kalaupapa	15	13	13	12	12
New cases	7	15	17	17	15
Deaths	1	2	-	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: 2017-2018**

[Data in this table are annual averages based on the 2017-2018 National Survey 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]

Substance and time period	Hawaii		United States	
	Number (1,000)	Percent 1/	Number (1,000)	Percent 1/
Use in the past month				
Marijuana	102	8.80	26,832	9.83
Any illicit drug use other than marijuana 2/	33	2.82	9,007	3.30
Binge alcohol 3/	264	22.79	66,848	24.49
Tobacco product 4/	187	16.12	59,922	21.96
Cigarette	152	13.11	47,823	17.52
Use in the past year				
Marijuana	165	14.29	42,211	15.47
Cocaine	24	2.10	5,736	2.10
Methamphetamine	11	0.96	1,750	0.64
Pain reliever misuse 5/	36	3.13	10,512	3.85

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, 2017-2018" <<https://www.samhsa.gov/data/nsduh/state-reports-NSDUH-2018>> accessed July 10, 2020.

**Table 2.35-- PREVALENCE OF VARIOUS SUBSTANCES WITH STUDENTS IN HAWAII, 2013 TO 2017, AND THE UNITED STATES, 2017**

[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.
	2013	2015	2017	2017
Middle school				
Marijuana use 1/	7.5	7.9	7.6	(NA)
Ever used any form of cocaine	2.5	3.2	3.3	(NA)
Ever used inhalants 2/	7.7	6.5	(NA)	(NA)
Ever used heroin	(NA)	(NA)	(NA)	(NA)
Ever used methamphetamines	2.5	2.7	2.1	(NA)
Ever used hallucinogenic drugs 3/	(NA)	(NA)	(NA)	(NA)
Ever used ecstasy	1.9	1.7	1.5	(NA)
Ever took prescription drugs without a doctor's prescription	4.0	4.6	6.8	(NA)
Current drinker 4/	9.5	10.4	11.6	(NA)
Binge drinking 5/	4.4	5.3	5.4	(NA)
Current smoker 6/	5.2	5.0	5.0	(NA)
Electronic vapor product use 7/	(NA)	15.7	15.7	(NA)
High school				
Marijuana use 1/	18.9	19.4	18.1	19.8
Ever used any form of cocaine	6.5	5.7	7.1	4.8
Ever used inhalants 2/	9.2	8.0	(NA)	6.2
Ever used heroin	3.4	3.3	4.5	1.7
Ever used methamphetamines	4.3	3.8	4.8	2.5
Ever used hallucinogenic drugs 3/	6.0	8.1	7.6	6.6
Ever used ecstasy	8.0	8.0	6.0	4.0
Ever took prescription drugs without a doctor's prescription	12.9	12.3	12.2	(NA)
Current drinker 4/	25.2	25.1	24.5	29.8
Binge drinking 5/	12.7	13.4	(NA)	13.5
Current smoker 6/	10.4	9.7	8.1	8.8
Electronic vapor product use 7/	(NA)	25.1	25.5	13.2

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**Table 2.35-- PREVALENCE OF VARIOUS SUBSTANCES WITH STUDENTS  
IN HAWAII, 2013 TO 2017, AND THE UNITED STATES, 2017 -- Con.**

NA Not available.

1/ Used marijuana one or more times during the 30 days before the survey.

2/ Used inhalants such as glue, aerosol spray can, or some paints or spray to get high.

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

4/ Had at least one drink of alcohol on at least 1 day during the 30 days before the survey.

5/ For middle school and high school students, had five or more drinks of alcohol in a row within a couple of hours on at least 1 day during the 30 days before the survey. For the U.S. data for high school students in 2017, 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.

6/ Smoked cigarettes on at least 1 day during the 30 days before the survey.

7/ Electronic vapor products (e-cigarettes, e-cigars, e-pipes, vape pipes, vaping pens, e-hookahs, and hookah pens such as blu, NJOY, or Starbuzz) used at least 1 day during the 30 days before the survey.

Source: Hawaii State Department of Education and Hawaii State Department of Health, Hawaii Youth Risk Behavior Survey, State of Hawaii, "Hawaii School Health Survey: Youth Risk Behavior Survey Module for 2013, 2015 and 2017" <<http://hhdw.org/>> accessed June 8, 2018 and Centers for Disease Control and Prevention, "Youth Risk Behavior Surveillance System," <<https://nccd.cdc.gov/Youthonline/App/Default.aspx>> accessed July 3, 2018.

**Table 2.36-- SELECTED HEALTH CARE PROVIDERS LICENSED IN HAWAII, BY PLACE OF ADDRESS:  
FEBRUARY 3, 2020**

[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/	11,012	5,305	4,048	559	478	209	9	2	5,661	46
Certified physician assistants	428	307	203	40	51	13	-	-	121	-
Advanced practice registered nurses	1,662	1,175	899	139	83	46	7	1	482	5
Registered nurses	24,953	15,715	11,547	1,848	1,521	735	42	22	9,169	69
Pharmacists	2,686	1,499	1,123	173	125	73	4	1	1,183	4
Dentists	1,464	1,131	854	114	107	52	3	1	322	11
Optometrists	458	317	243	31	29	13	1	-	141	-
Physical therapists	1,676	1,068	747	129	124	65	3	-	601	7
Psychologists	1,171	836	649	93	59	34	-	1	331	4
Mental health counselors	563	466	332	76	39	15	4	-	97	-

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 February 3, 2020" <<https://cca.hawaii.gov/pvl/reports/>> accessed June 16, 2020; 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	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	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]

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
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

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**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

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

<b>Geographic area</b>	<b>Number of establishments</b>	<b>Receipts/ revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Number of employees 1/</b>
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 2017**

[Place of occurrence basis]

Year	Marriages		Rates per 1,000 resident population 2/	Percent of marriages	
	Total	Resident 1/		Nonresident 3/	Interracial 4/ 5/
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	21,922	8,598	6.0	60.8	57.2

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 2019. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to those population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

3/ Both partners are nonresidents of Hawaii.

4/ Excludes nonresident marriages.

5/ Definition of "interracial" marriages for this table was changed beginning in 2001. From 2001, marriages where either the bride or groom are "Part Hawaiian" were classified as "Interracial" and marriages where both the bride and groom were "Other races" were classified as "Unknown." In the years prior to 2001, marriages in which both the bride and groom were "Part Hawaiian" or "Other races" were classified as non-interracial. For 2001, the percent of "interracial" marriages would have been 42.6 if the definition from the years prior to 2001 was used. Percentage based on number reporting.

Source: Hawaii State Department of Health, *Statistical Report* (annual), and Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division, *Population and Housing Unit Estimates*, Tables ST-EST00INT-01 (September 2011) and NST-EST-2019-01 (December 2019)

<<https://www.census.gov/programs-surveys/popest/data/tables.html>> accessed July 10, 2020; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 2.40-- CHARACTERISTICS OF MARRIAGES: 2014 TO 2017**

[Place of occurrence basis]

<b>Subject</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
Number	25,175	22,834	22,241	21,922
Percent on Oahu	49.5	50.8	50.2	50.2
Percent Hawaii residents				
Both partners	33.5	35.1	35.1	35.3
One partner only	3.7	3.8	3.8	3.9
Neither partner	62.8	61.2	61.1	60.8
Median age (years)				
Males	35	35	35	35
Females	33	32	32	32
Percent previously married				
Males	33.7	34.6	34.5	33.4
Females	33.5	33.9	33.5	32.8

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

**Table 2.41-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2016 AND 2017**

[Place of occurrence basis]

Year and category	Total	At least one Hawaii resident	Both nonresidents
2016			
All marriages	22,241	8,652	13,589
Race of partners			
Both partners same race	6,947	2,078	4,869
Different race 1/	3,734	2,565	1,169
Percent different race 2/	35.0	55.2	19.4
Not reported 3/	11,560	4,009	7,551
Type of ceremony			
Civil ceremony	2,916	2,519	397
Religious ceremony	19,325	6,133	13,192
2017			
All marriages	21,922	8,598	13,324
Race of partners			
Both partners same race	5,576	1,679	3,897
Different race 1/	3,291	2,246	1,045
Percent different race 2/	37.1	57.2	21.1
Not reported 3/	13,055	4,673	8,382
Type of ceremony			
Civil ceremony	2,907	2,490	417
Religious ceremony	19,015	6,108	12,907

1/ Includes marriages where either partner is Part Hawaiian.

2/ Based on number reporting.

3/ One or both partners with unspecified race (unless one was Part Hawaiian), or both partners classified as "Other."

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

**Table 2.42-- MARITAL DISSOLUTION: 2000 TO 2017**

[Place of residence basis]

Subject	2000	2010	2015	2016	2017
Number					
Married couples	216,077	1/ 224,402	1/ 232,451	1/ 236,236	1/ 233,373
Marriages ended 2/	8,365	(NA)	(NA)	(NA)	(NA)
By divorce 2/	4,707	(3/)	(3/)	(3/)	(3/)
By death	3,658	3,757	4,053	3,924	4,244
Husbands	2,574	2,672	2,805	2,754	2,970
Wives	1,084	1,085	1,248	1,170	1,274
Percent					
Married couples	100.0	100.0	100.0	100.0	100.0
Marriages ended 2/	3.9	(NA)	(NA)	(NA)	(NA)
By divorce 2/	2.2	(NA)	(NA)	(NA)	(NA)
By death	1.7	1.7	1.7	1.7	1.8
Husbands	1.2	1.2	1.2	1.2	1.3
Wives	0.5	0.5	0.5	0.5	0.5

NA Not available.

1/ Based on a sample and subject to sampling variability.

2/ Includes divorces where only one partner is a resident of Hawaii.

3/ As of January 1, 2003, the Department of Health no longer collects statistics on divorce.

Source: Hawaii State Department of Health, *Statistical Report* (annual) and Office of Health Status Monitoring, records; U.S. Census Bureau, American Community Survey 1-year estimates (annual), Table DP02 <<https://data.census.gov/>> accessed July 10, 2020.