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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. Long-term trends are traced in *Historical Statistics of Hawaii*, Section 2. Sections 2 and 3 of the *Statistical Abstract of the United States: 2012* contain data for the nation as a whole.

**Table 2.01-- BIRTHS AND DEATHS: 2000 TO 2013**

[Place of occurrence basis]

Year	Resident births 2/	Resident deaths 2/	Rates per 1,000 resident population 1/		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

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2014. 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/ 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.

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 "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <<http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls>> accessed September 28, 2011, "Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014 and earlier population estimates; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.02-- BIRTHS AND DEATHS, BY MILITARY STATUS: 2009 TO 2013**

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births						
2009	18,891	-	18,891	3,043	15,848	3,043
2010	18,948	-	18,948	3,463	15,485	3,463
2011	18,971	-	18,971	3,571	15,400	3,571
2012	18,985	-	18,985	3,475	15,510	3,475
2013	18,979	-	18,979	3,613	15,366	3,613
Deaths						
2009	9,947	39	9,908	73	9,835	112
2010	9,654	32	9,622	79	9,543	111
2011	9,961	33	9,928	76	9,852	109
2012	10,363	34	10,329	76	10,253	110
2013	10,576	42	10,534	77	10,457	119
Birth rates 2/						
2009	13.1	0.0	13.4	52.8	11.8	32.0
2010	12.9	0.0	13.3	55.6	11.3	34.0
2011	12.7	0.0	13.1	59.7	11.1	35.8
2012	12.5	0.0	12.9	57.7	11.0	33.6
2013	12.3	0.0	12.7	59.7	10.7	33.9
Death rates 2/						
2009	6.9	1.0	7.1	1.3	7.3	1.2
2010	6.6	0.8	6.7	1.3	7.0	1.1
2011	6.7	0.8	6.8	1.3	7.1	1.1
2012	6.8	0.8	7.0	1.3	7.2	1.1
2013	6.9	0.9	7.0	1.3	7.3	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/ 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 2014.

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 2013*, 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 2013**

[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

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2014. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, records; U.S. Census Bureau, Population Division "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <<http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls>> accessed September 28, 2011 and "Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2004 TO 2013**

[Place of occurrence basis]

<b>Event and year</b>	<b>Total</b>	<b>Resident 1/</b>	<b>Nonresident and unknown</b>
<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
<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

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: 2011 TO 2013**

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

<b>Subject</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number of resident births	18,911	18,920	18,926
City and County of Honolulu	13,552	13,636	13,595
Percent on Oahu	71.7	72.1	71.8
Hawaii County	2,465	2,412	2,411
Kauai County	896	863	863
Maui County (incl. Kalawao)	1,998	2,009	2,057
Percent attended by M.D. or D.O. in hospital	89.6	88.3	89.5
Males per 100 females	106.0	104.2	108.9
Median weight of single births (grams) 1/	3,289	3,294	3,289
Percent low birth weight (under 2,500 grams) 1/	8.2	8.1	8.3
Percent single births under 40 weeks gestation	69.4	68.7	69.7
Percent plural	3.2	3.3	3.4
Percent with 1 or more congenital malformations	10.8	10.1	13.5
Percent to unmarried mothers	37.6	37.5	37.4
Percent with prenatal visit in first three months	81.2	84.2	83.6
Percent first child born to mother 2/	30.0	30.2	29.9
Percent first child born alive to mother	40.5	39.9	39.3
Median age of mothers (years)	28	28	29
Median age of known fathers (years)	30	30	31

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 THE UNITED STATES AND HAWAII: 2012 AND 2013**

[Registered births. Excludes births to nonresidents of the United States]

Type of rate	United States	Hawaii	Rank 1/
2012			
Birth rate 2/	12.6	13.6	3/ 11
Fertility rate 4/	63.0	71.6	8
2013			
Birth rate 2/	12.4	13.5	11
Fertility rate 4/	62.5	71.5	7

1/ Among the 50 states and the District of Columbia, highest rate ranking 1.

2/ Per 1,000 estimated population.

3/ Tied with Louisiana.

4/ Number of births per 1,000 women aged 15 to 44 years estimated.

Source: U.S. National Center for Health Statistics, National Vital Statistics Reports (NVSR),

*Births: Final Data for 2012*, Vol. 62, Number 9, December 30, 2013

<[http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62\\_09.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr62/nvsr62_09.pdf)> accessed April 11, 2014 and

*Births: Final Data for 2013*, Vol. 64, Number 1, January 15, 2015

<[http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64\\_01.pdf](http://www.cdc.gov/nchs/data/nvsr/nvsr64/nvsr64_01.pdf)> accessed May 4, 2015.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE,  
BY MILITARY STATUS OF PARENT: 2013**

[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	18,926	7,634	10,342	950	57.5
Military	3,598	2,466	1,092	40	30.7
Civilian	13,650	5,084	8,558	8	62.7
Status not reported	1,678	84	692	902	89.2

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.

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

**Table 2.08-- MOST COMMON FIRST NAMES ON BIRTH CERTIFICATES,  
BY SEX: 2013**

[Place of occurrence basis. A total of 9,415 first names, including variant spellings, was reported for the 18,979 babies born in Hawaii in 2013]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Liam	86	1	Olivia	65
2	Mason	80	2	Sophia	62
3	Noah	69	3	Ava	55
4	Ethan	67	4	Emma	54
5	Logan	65	5	Mia	48
6	William	64	6	Chloe	47
7	Alexander	56	7	Aria	44
	Elijah	56		Isabella	44
9	Aiden	53	9	Madison	39
	Jayden	53	10	Lily	38
	Michael	53			

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

**Table 2.09-- MOST COMMON SURNAMEN ON BIRTH AND DEATH  
CERTIFICATES: 2013**

Birth certificates			Death certificates		
Rank	Surname	Births	Rank	Surname	Deaths
1	Lee	86	1	Lee	72
2	Smith	71	2	Wong	50
3	Garcia	55	3	Kim	44
4	Kim	51	4	Young	42
5	Johnson	50	5	Smith	41
6	Williams	47	6	Johnson	33
7	Brown	44	7	Higa	32
8	Wong	41		Tanaka	32
9	Jones	38	9	Ching	31
	Martin	38	10	Chun	29
				Nakamura	29

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**

[In years. Figures were revised from two decimal places in earlier *Data Books* to one decimal place]

Year	All races	Caucasian	Chinese	Filipino	Hawaiian and Part-Hawaiian	Japanese	Korean	Samoan	Other
1910	44.0	54.8	54.2	(NA)	32.6	49.3	(NA)	(NA)	15.6
1920	45.7	56.5	53.8	28.1	33.6	50.5	(NA)	(NA)	28.4
1930	54.0	61.9	60.1	46.1	41.9	60.1	(NA)	(NA)	32.6
1940	62.0	64.0	65.3	56.9	51.8	66.3	(NA)	(NA)	59.5
1950	69.5	69.2	69.7	69.1	62.5	72.6	(NA)	(NA)	68.3
1960	72.4	72.8	74.1	71.5	64.6	75.7	(NA)	(NA)	62.2
1970	74.2	73.2	76.1	72.6	67.6	77.4	(NA)	(NA)	76.7
1980	77.9	75.8	81.7	79.3	71.8	80.9	(NA)	(NA)	79.0
1990	78.9	75.5	82.9	78.9	74.3	82.1	(NA)	(NA)	80.4
2000	80.5	79.0	86.1	80.9	74.3	82.8	81.4	72.8	(NA)
Male	77.5	76.7	83.5	78.0	71.5	79.7	78.3	71.1	(NA)
Female	83.6	81.7	88.7	85.9	77.1	88.7	83.6	74.6	(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).

**Table 2.11-- EXPECTATION OF LIFE AT BIRTH, BY SEX, FOR THE UNITED STATES AND HAWAII: 1920 TO 2013**

[Average expectation of life in years]

Year of birth	United States			Hawaii 1/		
	Both sexes	Male	Female	Both sexes	Male	Female
1920	54.1	53.6	54.6	45.7	45.6	45.8
1930	59.7	58.1	61.6	54.0	52.7	55.9
1940	62.9	60.8	65.2	62.0	59.9	64.9
1950	2/ 68.2	2/ 65.6	2/ 71.1	69.5	67.8	71.7
1960	2/ 69.7	2/ 66.6	2/ 73.1	72.4	70.4	74.8
1970	70.8	67.1	74.7	74.2	72.1	76.4
1980	73.7	70.0	77.4	77.9	74.5	81.5
1990	75.4	71.8	78.8	78.9	75.9	82.1
2000	76.8	74.1	79.3	80.5	77.5	83.6
2010	78.7	76.2	81.0	(NA)	(NA)	(NA)
2011	78.7	76.3	81.1	(NA)	(NA)	(NA)
2012	78.8	76.4	81.2	(NA)	(NA)	(NA)
2013	78.8	76.4	81.2	(NA)	(NA)	(NA)

NA Not available.

1/ Figures were revised from two decimal figures in earlier *Data Books* to one decimal figure.

2/ 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, *Health, United States* (annual) <<http://www.cdc.gov/nchs/products.htm>> accessed June 30, 2015.

**Table 2.12-- EXPECTATION OF LIFE AT BIRTH, BY SEX,  
BY COUNTY: 2008**

[Average expectation of life in years. 2007-2009 average used to calculate the death rate]

<b>County</b>	<b>Both sexes</b>	<b>Male</b>	<b>Female</b>
State of Hawaii	81.1	78.3	83.9
Hawaii	79.6	76.5	82.8
Honolulu	81.6	78.8	84.1
Kauai	80.5	77.9	83.1
Maui 1/	80.7	77.8	83.6

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 2040 - DBEDT 2040 Series*, Tables A-27 to A-36 (March 2012) <[http://dbedt.hawaii.gov/economic/data\\_reports/2040-long-range-forecast](http://dbedt.hawaii.gov/economic/data_reports/2040-long-range-forecast)> accessed April 18, 2012 and records.

**Table 2.13-- AVERAGE LIFETIME, BY SEX: 1959-61 TO 1999-2001**

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**

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: 2008**

[Average expectation of life in years. 2007-2009 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		
	Both sexes	Male	Female	Both sexes	Male	Female
0	81.1	78.3	83.9	100,000	100,000	100,000
1	80.6	77.9	83.3	99,414	99,326	99,508
5	76.7	74.0	79.3	99,323	99,220	99,433
15	66.8	64.1	69.4	99,206	99,077	99,344
25	57.1	54.5	59.6	98,667	98,325	99,025
35	47.5	45.1	49.8	97,905	97,204	98,605
45	38.2	35.9	40.3	96,400	95,226	97,560
55	29.3	27.3	31.2	93,078	90,940	95,227
65	21.0	19.3	22.5	86,879	83,277	90,568
75	13.5	12.3	14.5	74,768	68,879	80,705
85	7.3	6.6	7.8	50,970	42,280	59,212
95	3.5	3.1	3.7	13,724	9,316	17,911

Source: Hawaii State Department of Business, Economic Development & Tourism, *Population and Economic Projections for the State of Hawaii to 2040 - DBEDT 2040 Series*, Tables A-27 and A-28 (March 2012) <[http://dbedt.hawaii.gov/economic/data\\_reports/2040-long-range-forecast](http://dbedt.hawaii.gov/economic/data_reports/2040-long-range-forecast)> accessed June 8, 2012 and records.

**Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2011 TO 2013**

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

<b>Subject</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number of resident deaths	9,682	10,062	10,270
City and County of Honolulu	6,792	7,098	7,189
Hawaii County	1,378	1,467	1,444
Kauai County	496	497	549
Maui County (incl. Kalawao)	1,016	1,000	1,088
Males per 100 females	115.0	113.9	113.0
Median age (years)	79	80	80
Centenarian deaths: Male	29	40	43
Female	80	121	95
Oldest (age in years): Male	106	106	106
Female	107	108	108
Percent married	39.8	39.3	37.4
Deaths under 1 year	91	90	117
Per 1,000 live births	4.8	4.8	6.2
Fetal deaths 1/	3,569	3,430	2,890
Per 1,000 deliveries	159	153	132
Fetal deaths, 20 or more weeks gestation 2/	150	188	95
Per 1,000 live births	7.9	9.9	5.0
Standard fetal deaths 3/	940	642	468
Elective abortions	2,629	2,788	2,422
Per 1,000 live births	139.0	147.4	128.0

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: 2013**

[Place of residence basis]

Causes of death 1/	Both sexes	Males 2/	Females
Total deaths	10,270	5,448	4,822
Malignant neoplasm 3/	2,280	1,269	1,011
Stomach	82	49	33
Colon, rectum and anus	242	148	94
Pancreas	177	103	74
Trachea, bronchus and lung	546	294	252
Breast (Female)	135	-	135
Cervix uteri, corpus uteri and ovary	96	-	96
Prostate	90	90	-
Urinary tract	105	73	32
Non-Hodgkin's lymphoma	71	43	28
Leukemia	73	43	30
Other malignant neoplasms	663	426	237
Diabetes mellitus	267	152	115
Alzheimer's disease	259	93	166
Diseases of the heart	2,462	1,391	1,071
Hypertensive heart disease	75	33	42
Ischemic heart disease	1,186	737	449
Other forms of heart disease	1,201	621	580
Hypertension	111	47	64
Cerebrovascular disease	619	272	347
Other circulatory system diseases (Inc. Atherosclerosis)	109	53	56
Influenza/pneumonia	452	213	239
Chronic lower respiratory diseases	277	151	126
Peptic ulcer	22	14	8
Chronic liver disease and cirrhosis	111	75	36
Nephritis and nephrosis	207	101	106
Perinatal conditions	73	42	31
Congenital anomalies	34	18	16
Symptoms and ill-defined conditions (Inc. Sudden Infant Death Syndrome)	181	78	103
Other diseases 4/	2,145	1,020	1,125
Motor vehicle accidents	107	77	30
All other and unspecified accidents and adverse effects	337	213	124
Intentional self-harm (suicide)	162	127	35
All other external causes	55	42	13

1/ Causes of death were coded according to the International Classification of Diseases, Version 10.

2/ Unknown sex classified as male.

3/ Commonly known as cancer.

4/ Includes Tuberculosis, HIV Disease, 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 2015**

[Complete through June 12, 2015]

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	Ka'u; 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 2015**

[Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through June 12, 2015]

<b>Date</b>	<b>Place</b>	<b>Kind of disaster</b>	<b>Deaths</b>
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
2011: 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

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 2013**

[Place of occurrence basis]

<b>Method</b>	<b>1980</b>	<b>1990</b>	<b>2000</b>	<b>2010</b>	<b>2012</b>	<b>2013</b>
All methods	5,204	7,055	8,511	9,654	10,363	10,576
Burial	2,343	2,798	2,767	2,322	2,480	2,302
Cremation	2,241	3,564	5,092	6,661	7,255	7,582
Removal	567	656	591	562	506	542
Medical science	-	-	40	91	102	131
All others 1/	53	37	21	18	20	19

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, 2001 TO 2014, AND BY LEVEL OF VISUAL IMPAIRMENT, 2014**

[As of June 30]

Year and subject	State total	City and County of Honolulu	Hawaii County	Kauai County	Maui County
YEAR					
2001	2,674	2,029	302	112	231
2002 1/	2,896	2,176	347	119	254
2003	3,077	2,325	361	132	259
2004	3,154	2,394	371	128	261
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	3,502	2/ 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
LEVEL OF VISUAL IMPAIRMENT: 2014					
Total	2,656	2,080	290	115	171
Blind 3/	2,339	1,837	251	97	154
Visually impaired 4/	317	243	39	18	17

1/ Figures for June 30, 2002 reflect administrative efforts to register previously served but unregistered persons.

2/ Figures for June 30, 2009 reflect administrative efforts to delete deceased persons on the State Blind Register.

3/ 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.

4/ 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>
Diabetes	93,912	68
Hypertension	241,183	173
High blood cholesterol	242,469	174
Asthma	154,142	111
Arthritis	117,229	84
Cancer	48,413	35
Heart	56,189	40
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: 2009 TO 2013**

[2013 data reported as of December 2014; earlier data not updated]

Disease	2009	2010	2011	2012	2013
Cases: 1/					
AIDS	90	82	63	87	130
Campylobacteriosis	548	734	836	617	825
E. coli 0157:H7	11	29	9	20	28
Fish poisoning 2/	40	31	31	21	15
Giardiasis	32	60	38	34	60
Gonorrhea	636	759	685	815	718
Hansen's Disease 3/	24	24	20	24	14
Hepatitis A	13	9	8	5	16
Hepatitis B (Acute)	6	6	6	5	4
Influenza 4/	7,764	7,181	8,660	15,046	6,644
Leptospirosis 5/	16	7	5	11	17
Malaria 6/	1	4	7	4	1
Measles (Rubeola) 6/	-	4	-	-	-
Meningitis, bacterial	5	1	4	2	1
Mumps 7/	5	5	3	1	-
Pertussis (whooping cough) 4/	46	66	59	73	50
Pneumococcal disease	107	117	99	-	82
Rubella 6/	-	-	-	-	2
Salmonellosis	338	331	332	341	349
Shigellosis	49	50	48	27	42
Syphilis (Primary & Secondary)	33	35	14	23	46
Tuberculosis	118	115	123	119	115
Deaths: 8/					
AIDS	10	13	15	16	8
Hansen's Disease	-	(9/)	-	-	-
Hepatitis A	-	-	-	-	-
Hepatitis B (Acute)	7	(9/)	5	(9/)	6
Influenza	17	(9/)	(9/)	5	10
Leptospirosis	-	-	-	-	-
Meningitis, bacterial	(9/)	(9/)	-	(9/)	(9/)
Pertussis (whooping cough)	(9/)	-	-	-	-
Pneumococcal disease	(9/)	(9/)	(9/)	(9/)	(9/)
Salmonellosis	-	(9/)	-	-	(9/)
Shigellosis	-	-	-	-	-
Syphilis	-	-	(9/)	-	-
Tuberculosis	6	5	(9/)	(9/)	(9/)

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**Table 2.23--SPECIFIED COMMUNICABLE DISEASES: 2009 TO 2013 -- Con.**

- 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, malaria, measles (rubeola), mumps, or rubella. No data were available for deaths caused by *E. coli* 0157:H7.
- 9/ Less than 5 deaths.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Disease Outbreak Control Division, Disease Investigation Branch and AIDS Surveillance Program, records.

**Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2013**

[Major changes were made for calendar year 2011 data which improved coverage bias, non-response bias and overall survey error. Therefore, the results of prior years may not be compared with the 2011 data and onward. Weighted percent of adults who reported the health risk behaviors or conditions. Ninety-five percent confidence interval in parenthesis, when available]

<b>Risk factor</b>	<b>State</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
Seatbelt non-use	0.4 (0.3- 0.7)	0.4 (0.3- 0.7)	(NA)	(NA)	(NA)
Binge drinking 1/	18.3 (17.0- 19.6)	18.8 (17.1- 20.6)	15.4 (13.2- 17.9)	18.2 (15.1- 21.8)	18.3 (15.5- 21.3)
High cholesterol 2/	34.9 (33.3- 36.7)	34.4 (32.3- 36.7)	36.8 (33.2- 40.6)	32.7 (28.2- 37.5)	37.0 (33.4- 40.9)
Hypertension 3/	28.5 (27.1- 29.9)	28.6 (26.8- 30.5)	28.9 (25.8- 32.3)	25.4 (21.8- 29.4)	28.6 (25.5- 31.8)
Lack of exercise 4/	22.1 (20.7- 23.6)	22.1 (20.3- 24.1)	21.5 (18.6- 24.7)	23.8 (19.8- 28.2)	22.2 (19.1- 25.7)
Less consumption of vegetables 5/	81.4	83.0	79.2	80.2	74.3
Less consumption of fruit or 100% pure fruit juice 6/	87.4	88.3	86.0	87.8	83.2
Diabetes 7/	8.4 (7.5- 9.3)	8.5 (7.4- 9.8)	8.2 (6.6- 10.1)	9.1 (6.8- 12.0)	7.5 (5.7- 9.8)
Asthma 8/	16.6 (15.3- 17.9)	16.7 (15.1- 18.4)	17.7 (15.1- 20.7)	13.8 (11.0- 17.3)	15.9 (13.2- 19.0)
Current smokers	13.3 (12.2- 14.5)	12.2 (10.9- 13.7)	17.6 (14.9- 20.8)	12.6 (9.9- 16.0)	15.0 (12.2- 18.4)
Overweight 9/	33.6 (32.0- 35.1)	33.5 (31.6- 35.6)	33.7 (30.5- 37.0)	35.1 (30.9- 39.5)	32.8 (29.4- 36.3)
Obese I 10/	14.8 (13.6- 16.1)	14.3 (12.7- 15.9)	16.3 (13.6- 19.4)	12.1 (9.6- 15.0)	17.5 (14.5- 21.0)

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**Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2013 -- Con.**

<b>Risk factor</b>	<b>State</b>	<b>Honolulu</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>
Obese II 10/	4.6 (4.0- 5.4)	4.8 (4.0- 5.8)	4.0 (2.9- 5.5)	3.6 (2.4- 5.2)	4.8 (3.5- 6.4)
Obese III 10/	2.4 (2.0- 2.9)	2.4 (1.9- 3.1)	2.4 (1.5- 3.7)	(NA)	2.1 (1.5- 3.1)

NA Not available.

1/ Five or more drinks for men, or four or more drinks for women, on one occasion.

2/ Told by doctor, nurse or other health professional that their blood cholesterol was high.

3/ Told by doctor, nurse or other health professional that they have high blood pressure. Does not include high blood pressure during pregnancy because data was not available for some of the counties.

4/ Other than your regular job, did not participate in any physical activities or exercises during the past month.

5/ Consumption of vegetables (including beans and peas) less than three times per day.

6/ Consumption of fruit or 100% pure fruit juice less than three times per day.

7/ Told by doctor or health professional that they have diabetes. Does not includes diabetes during pregnancy because data was not available for some of the counties.

8/ Told by doctor, nurse or other health professional that they have asthma.

9/ Body mass index (BMI) greater than or equal to 25 but less than 30. Criteria used in this table differs from the criteria used in years prior to 2000.

10/ From calendar year 2011, the one obese category which had been used earlier was separated into 3 obese categories. 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, Office of Health Status Monitoring, Behavioral Risk <[http://health.hawaii.gov/brfss/files/2015/04/HBRFSS\\_2013results\\_OCT06\\_Apr15.pdf](http://health.hawaii.gov/brfss/files/2015/04/HBRFSS_2013results_OCT06_Apr15.pdf)> accessed June 14, 2015.

**Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES, BY TYPE OF FACILITY: 2000 TO 2013**

[Figures based on facilities that reported their activity]

Category and year	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
2000	74	24	45	24
2001	73	21	45	22
2002	72	20	45	23
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	68	16	47	16
Number of licensed beds				
2000	7,759	2,561	4,115	1,088
2001	7,625	2,519	4,137	969
2002	7,623	2,462	4,184	977
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	7,258	2,297	4,124	837

1/ Institutions providing more than one kind of care are counted only once.

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients.

They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001), *Inpatient Facilities Utilization Report 2001 Data* (October 2002)

<<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; *Health Care Utilization Report* (annual) <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015 and revised tables; 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: 2000 TO 2013**

[Figures based on facilities that reported their activity]

Type of facility and year	Admissions	Average daily census	Average daily percent occupancy
Acute care 1/			
2000	104,273	1,711	66.8
2001	103,607	1,693	67.2
2002	109,354	1,703	69.2
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	111,812	1,604	69.8
Long-term care 1/			
2000	6,251	3,700	89.9
2001	6,263	3,781	91.4
2002	6,673	3,931	94.0
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	9,656	3,857	93.5

1/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: State Health Planning & Development Agency, *Inpatient Facilities and Home Health Services Utilization Report 2000 Data* (October 2001); *Inpatient Facilities Utilization Report 2001 Data* (October 2002) <<http://www.state.hi.us/health/shpda/shzrptoc.htm>> accessed December 27, 2002; *Health Care Utilization Report* (annual) <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015 and revised tables; 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: DECEMBER 2011**

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
State total	68	17	47	15
Oahu	44	9	29	11
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	6	1	3	3
Molokai	2	1	1	1
Lanai	-	-	-	-
Number of licensed beds				
State total	7,303	2,280	4,207	816
Oahu	5,006	1,698	2,573	735
Hawaii	1,096	257	839	-
Kauai	443	101	342	-
Maui	725	213	449	63
Molokai	33	11	4	18
Lanai	-	-	-	-

1/ Institutions providing more than one kind of care are counted only once.

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2011 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.



**Table 2.28-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2012**

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
State total	68	17	47	15
Oahu	44	9	29	11
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	6	1	3	3
Molokai	2	1	1	1
Lanai	-	-	-	-
Number of licensed beds				
State total	7,215	2,313	4,100	802
Oahu	4,928	1,728	2,466	734
Hawaii	1,090	251	839	-
Kauai	443	101	342	-
Maui	734	222	449	63
Molokai	20	11	4	5
Lanai	-	-	-	-

1/ Institutions providing more than one kind of care are counted only once.

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2012 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.29-- NUMBER AND BED CAPACITY OF STATE-APPROVED CIVILIAN FACILITIES, BY TYPE OF FACILITY, BY ISLAND: DECEMBER 2013**

[Figures based on facilities that reported their activity]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
Number of facilities				
State total	68	16	47	16
Oahu	44	8	29	12
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	6	1	3	3
Molokai	2	1	1	1
Lanai	-	-	-	-
Number of licensed beds				
State total	7,258	2,297	4,124	837
Oahu	4,972	1,713	2,490	769
Hawaii	1,090	251	839	-
Kauai	443	101	342	-
Maui	733	221	449	63
Molokai	20	11	4	5
Lanai	-	-	-	-

1/ Institutions providing more than one kind of care are counted only once.

2/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2013 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015 and records; and calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.30-- NUMBER AND BED CAPACITY OF STATE-APPROVED ADULT CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: 2012 TO 2014**

[As of December 31. Excludes Community Care Foster Family Homes]

Category and island	2012		2013		2014	
	Type I 1/	Type II 2/	Type I 1/	Type II 2/	Type I 1/	Type II 2/
Number of facilities						
State total	458	27	451	29	460	36
Oahu	381	27	377	29	383	35
Hawaii	49	-	49	-	52	-
Kauai	14	-	12	-	12	-
Maui	10	-	10	-	10	1
Molokai	4	-	3	-	3	-
Lanai	-	-	-	-	-	-
Number of licensed beds 3/						
State total	2,174	429	2,141	465	2,175	549
Oahu	1,820	429	1,804	465	1,827	527
Hawaii	221	-	221	-	234	-
Kauai	65	-	53	-	53	-
Maui	48	-	48	-	46	22
Molokai	20	-	15	-	15	-
Lanai	-	-	-	-	-	-

1/ Five beds or fewer.

2/ More than five beds.

3/ All facilities and care home beds are licensed by the Office of Health Care Assurance.

Source: Hawaii State Department of Health, Office of Health Care Assurance, records.

**Table 2.31-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2011**

[Figures based on facilities that reported their activity]

Type of facility and island	Admissions	Average daily census	Average daily percent occupancy
Acute care 1/			
State total	109,309	1,512	66.3
Oahu	80,554	1,158	68.2
Hawaii	12,512	144	56.0
Kauai	4,699	56	55.5
Maui	11,391	153	71.8
Molokai	153	1	7.8
Lanai	-	-	-
Long-term care 1/			
State total	8,899	3,762	89.4
Oahu	5,966	2,278	88.5
Hawaii	1,532	753	89.8
Kauai	733	315	92.2
Maui	654	413	91.9
Molokai	14	3	72.8
Lanai	-	-	-

1/ Acute/SNF swing beds are classified under long-term care.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2011 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.32-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2012**

[Figures based on facilities that reported their activity]

Type of facility and island	Admissions	Average daily census	Average daily percent occupancy
Acute care 1/			
State total	112,761	1,616	69.9
Oahu	83,909	1,252	72.4
Hawaii	12,427	152	60.7
Kauai	4,837	58	57.5
Maui	11,471	153	68.8
Molokai	117	1	8.1
Lanai	-	-	-
Long-term care 1/			
State total	8,640	3,538	86.3
Oahu	6,007	2,206	89.5
Hawaii	1,369	658	78.4
Kauai	643	304	89.0
Maui	613	367	81.8
Molokai	8	3	68.5
Lanai	-	-	-

1/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2012 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.33-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2013**

[Figures based on facilities that reported their activity]

Type of facility and island	Admissions	Average daily census	Average daily percent occupancy
Acute care 1/			
State total	111,812	1,604	69.8
Oahu	82,380	1,240	72.4
Hawaii	12,620	159	63.4
Kauai	4,902	56	55.6
Maui	11,802	147	66.7
Molokai	108	1	8.7
Lanai	-	-	-
Long-term care 1/			
State total	9,656	3,857	93.5
Oahu	6,524	2,313	92.9
Hawaii	1,854	861	102.6
Kauai	688	292	85.5
Maui	580	390	86.9
Molokai	10	1	22.7
Lanai	-	-	-

1/ Acute/SNF is a "swing" bed designated to service either acute level or skilled nursing level patients. They are classified under long-term care in this table.

Source: Hawaii State Department of Health, Hawaii State Health Planning and Development Agency, *Health Care Utilization Report 2013 Data* <<http://health.hawaii.gov/shpda/>> accessed July 6, 2015; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

**Table 2.34-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2010 TO 2014**

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

Subject	2010	2011	2012	2013	2014
Total	2,661	2,438	1,954	2,119	2,225
Youths registered with services procured 1/					
Number	1,389	1,197	1,230	1,313	1,337
Percent	52	49	63	62	60
Mean age (years)	14.1	13.9	14.2	14.0	13.9
Sex (%)					
Male	67	67	62	62	62
Female	33	33	38	38	38
County					
Hawaii	724	713	732	770	801
Honolulu	896	765	789	850	898
Kauai	694	679	160	186	225
Maui	223	178	185	225	248
Special populations 2/	123	102	87	88	53
Selected services procured (%) 3/					
Out-of-home	35.0	33.2	31.6	29.9	27.2
Out-of-state	0.4	0.6	0.5	0.4	1.6
Hospital residential	4.4	4.2	4.9	5.9	5.5
Community high risk	1.1	1.2	1.1	1.1	1.0
Community residential	13.6	12.4	11.1	11.8	10.4
Therapeutic group home 4/	5.0	3.3	1.7	-	-
Therapeutic foster home 4/	18.6	18.5	17.8	15.2	13.2
Intensive home & community	72.8	75.0	72.7	75.1	77.4
Multi-systemic therapy	18.9	21.9	19.7	16.2	15.5
Intensive in-home	58.6	58.6	56.3	61.8	65.7
Outpatient 5/	15.6	17.5	22.3	23.5	20.2
Supportive services 6/	13.6	14.0	12.9	14.3	12.9
Crisis stabilization	3.3	5.0	5.8	3.5	2.8

Continued on next page.

**Table 2.34-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE  
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES:  
2010 TO 2014 -- Con.**

1/ Youths receiving one or more services procured from contracted provider agencies.

2/ Non-county-specific programs for which a youth may be registered. Shown under the Family Court Liaison Branch.

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/ Due to the publication of the new Interagency Performance Standards and Practice Guidelines and the statewide service procurement initiative, the Child and Adolescent Mental Health service array was revised. Data reflecting this new service array is presented in the table. Figures for earlier services were mapped to the new reporting system to provide some historical continuity. But figures for the newly defined services may impact figures for the other existing services so historical data should be used with caution.

5/ Include treatment (such as medication management, Functional Family Therapy, and outpatient therapy [individual, group or family]), consultation, and assessment of any type.

6/ 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, *Annual Evaluation Report Fiscal Year* (annual), *Annual Evaluation Presentation* (annual), *Fiscal Year Annual Fact Book* (annual) and records <<http://health.hawaii.gov/camhd/resource-library/research-and-evaluation/>> accessed June 12, 2015.



**Table 2.35-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1998 TO 2013**

<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>				
1998	164	141	139	283
1999	144	123	146	272
2000	164	154	141	283
2001	148	148	162	299
2002	164	182	169	320
2003	167	180	177	329
2004	171	182	178	331
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
<b>State-supported outpatient community mental health centers</b>				
1998	3,232	816	794	3,958
1999	3,168	1,281	951	4,009
2000	3,039	1,062	1,185	3,985
2001	3,064	1,150	1,144	3,976
2002	3,156	1,158	1,126	4,043
2003	3,657	1,550	954	4,446
2004	4,378	1,969	1,184	5,347
2005	4,996	2,056	1,455	6,149
2006	5,249	1,920	1,612	6,609
2007 1/	4,073	2,540	4,108	7,998
2008 1/	3,895	2,960	3,348	7,153
2009 1/	3,475	3,463	4,079	6,670
2010 1/	3,496	2,925	2,997	5,810
2011 1/	2,996	2,473	2,815	4,392
2012 1/	2,796	2,211	2,411	4,030
2013 1/	3,000	2,121	1,797	3,744

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 2.36-- HAWAII STATE HOSPITAL BEDS AND OCCUPANCY:  
2000 TO 2014**

[Fiscal year ending June 30 unless otherwise specified]

Year	Number of beds on June 30 1/	Admissions		Patients in hospital 3/	
		Total	First 2/	Average	On June 30
2000	168	137	122	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	301	131	196	204

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 during the fiscal year that data are being collected for.

3/ Includes patients on leave and absent without leave. In 2014, about 3.2 percent of the patients were on leave or absent without leave.

Source: Hawaii State Hospital, records.

**Table 2.37-- HANSEN'S DISEASE PATIENTS REGISTERED: 2009 TO 2013**

<b>Subject</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Patients on register, Dec. 31	255	272	285	298	304
Department of Health, Hansen's Disease					
Community Program 1/ Kalaupapa	236 19	254 18	268 17	281 17	288 16
New cases	26	24	20	25	16
Deaths	4	1	1	-	1

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

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

**Table 2.38-- ESTIMATED USE OF SELECTED SUBSTANCES, FOR THE UNITED STATES AND HAWAII: 2011-2012 AND 2012-2013**

[Data in this table are annual averages based on the 2011-2012 and the 2012-2013 National Survey on Drug Use and Health. Current users are those persons 12 years old and over who used drugs at least once within the month prior to this study. The numbers in this table are based on national design-based estimates]

Subject and geographic area	Any illicit drug 1/	Marijuana	Any illicit drug other than marijuana 1/	Cigarettes	Binge alcohol 2/
2011-2012					
Estimated current users (1,000)					
United States	23,159	18,463	8,452	57,165	59,015
Hawaii	109	85	40	203	246
Current users as percent of population					
United States	9.0	7.1	3.3	22.1	22.8
Hawaii	9.7	7.6	3.6	18.1	21.9
2012-2013					
Estimated current users (1,000)					
United States	24,218	19,332	8,774	56,648	59,876
Hawaii	117	98	40	195	261
Current users as percent of population					
United States	9.3	7.4	3.4	21.7	22.9
Hawaii	10.3	8.6	3.5	17.2	23.0

1/ Illicit drugs include marijuana/hashish, cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. Illicit drugs other than marijuana include cocaine (including crack), heroin, hallucinogens, inhalants, or prescription-type psychotherapeutics used nonmedically. These estimates include data from original methamphetamine questions but do not include new methamphetamine items added in 2005 and 2006.

2/ Binge alcohol use is defined as drinking five or more drinks 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.

Source: U.S. Department of Health and Human Services, Substance Abuse and Mental Health Services, Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health, 2011-2012 <<http://samhsa.gov/data/NSDUH/2k12State/NSDUHsae2012/NSDUHsaeUS2012.pdf>> accessed May 14, 2014; and National Survey on Drug Use and Health, 2012-2013 <<http://www.samhsa.gov/data/population-data-nsduh>> accessed July 13, 2015.

**Table 2.39-- PREVALENCE OF VARIOUS SUBSTANCES WITH STUDENTS IN THE STATE OF HAWAII: 2009 TO 2013 AND UNITED STATES, 2011**

[In percentages. The survey is administered in odd-numbered years to Hawaii public school students in grades 6-12. Does not include charter or special public schools]

Substance	Hawaii			U.S.
	2009	2011	2013	2011
Marijuana use 1/	22.1	21.9	18.9	23.1
Ever used any form of cocaine	6.0	6.4	6.5	6.8
Ever used glue, aerosol spray can, or paints/spray to get high	10.1	9.7	9.2	11.4
Ever used heroin	(NA)	(NA)	3.4	(NA)
Ever used methamphetamines	3.9	3.4	4.3	3.8
Ever used hallucinogenic drugs 2/	(NA)	(NA)	6.0	(NA)
Ever used ecstasy	8.2	9.0	8.0	8.2
Ever took prescription drugs without a doctor's prescription	(NA)	14.3	12.9	20.7
Alcohol use 3/	37.8	29.1	25.2	38.7
Binge drinking 4/	22.4	15.4	12.7	21.9
Smoked cigarettes 5/	15.2	10.1	10.4	18.1

NA Not available.

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

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

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

4/ 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.

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

Source: University of Hawaii at Manoa, College of Education Curriculum Research & Development Group, *Results of the 2013 Hawaii State and Counties Youth Risk Behavior Surveys (YRBS) and Cross-Year Comparisons*" (June 2014) <[http://www.hhdw.org/cms/uploads/Resources/2013%20YRBS%20Report%20State\\_Final.pdf](http://www.hhdw.org/cms/uploads/Resources/2013%20YRBS%20Report%20State_Final.pdf)> accessed July 3, 2014.

**Table 2.40-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS  
LICENSED IN HAWAII, BY PLACE OF ADDRESS: OCTOBER 22, 2014**

[Excludes inactive licenses]

<b>Place of address</b>	<b>Physicians and surgeons 1/</b>	<b>Dentists</b>	<b>Registered nurses</b>	<b>Pharmacists</b>
Total licensed	9,109	1,485	22,863	2,353
State of Hawaii	4,661	1,068	15,024	1,331
Hawaii	463	109	1,797	162
Maui	405	92	1,428	112
Lanai	4	1	16	-
Molokai	10	4	33	4
Oahu	3,592	825	11,044	990
Kauai	187	37	706	63
Mainland U.S.	4,396	400	7,732	1,017
Foreign	52	17	106	5
Other	-	-	1	-

1/ Permanent licenses only. Does not include interns, residents, or physicians who provided State government services only.

Source: Hawaii State Department of Commerce and Consumer Affairs, Professional and Vocational Licensing Division, Licensing Branch, <[http://cca.hawaii.gov/pvl/reports/pvl\\_geo/](http://cca.hawaii.gov/pvl/reports/pvl_geo/)> accessed November 17, 2014; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.41-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2002 Economic Census]

NAICS code	Kind of business or operation	Estab-lish-ments (num-ber)	Rec-eipts/rev-enues (\$1,000)	Operat-ing expen-ses (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees for pay period including March 12 (number)
62	Health care and social assistance	3,559	8,136,947	(1/)	3,290,592	66,772
621	Ambulatory health care services 2/	2,718	3,255,393	(1/)	1,385,904	25,213
6211	Offices of physicians	1,154	1,339,430	(1/)	624,078	7,329
6212	Offices of dentists	658	470,313	(1/)	184,471	4,167
6213	Offices of other health practitioners	551	242,484	(1/)	93,994	2,935
6214	Outpatient care centers	183	683,922	(1/)	269,064	5,209
6215	Medical and diagnostic laboratories	54	241,091	(1/)	84,798	1,721
6216	Home health care services	84	(D)	(1/)	(D)	(3/)
6219	Other ambulatory health care svcs	34	(D)	(1/)	(D)	(4/)
622	Hospitals	27	3,658,192	(1/)	1,381,923	21,720
6221	General medical and surgical	20	3,181,904	(1/)	1,187,630	18,519
6222	Psychiatric and substance abuse	2	(D)	(1/)	(D)	(4/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(1/)	(D)	(5/)
623	Nursing and residential care facilities	146	588,474	(1/)	258,556	7,974
6231	Nursing care facilities (skilled)	46	375,258	(1/)	164,406	4,733
6232	Residential intellectual & dev disable, mental health and substance abuse	45	79,632	(1/)	40,654	1,256
6233	Continue care retiremt community & assisted living for elderly	45	122,515	(1/)	49,243	1,846
6239	Other residential care facilities	10	11,069	(1/)	4,253	139
624	Social assistance	668	634,888	(1/)	264,209	11,865
6241	Individual and family services	275	342,448	(1/)	148,369	6,878
6242	Community food and housing, and emergency & other relief svcs	86	110,897	(1/)	27,566	929
6243	Vocational rehabilitation services	62	70,498	(1/)	32,136	1,343
6244	Child day care services	245	111,045	(1/)	56,138	2,715

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**Table 2.41-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2012-- Con.**

NAICS code	Kind of business or operation	Estab-lish-ments (num-ber)	Rec-eipts/ Rev-enues (\$1,000)	Operat-ing expen-ses (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees for pay period including March 12 (number)
	Establishments exempt from federal income tax					
62	Health care and social assistance	765	4,956,503	4,574,389	1,943,397	39,984
621	Ambulatory health care services 2/	127	530,686	457,831	225,886	4,777
6214	Outpatient care centers	107	453,384	387,588	187,285	3,779
6216	Home health care services	14	(D)	(D)	(D)	(4/)
6219	Other ambulatory health care svc	6	(D)	(D)	(D)	(6/)
622	Hospitals	27	3,658,192	3,388,299	1,381,923	21,720
6221	General medical and surgical	20	3,181,904	2,973,638	1,187,630	18,519
6222	Psychiatric and substance abuse	2	(D)	(D)	(D)	(4/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(D)	(D)	(5/)
623	Nursing and residential care facilities	70	250,628	239,585	120,490	3,724
6231	Nursing care facilities (skilled)	11	93,567	91,465	44,945	1,282
6232	Residential intellectual & dev disable, mental health and substance abuse	42	(D)	(D)	(D)	(5/)
6233	Continue care retiremt community & assisted living for elderly	8	68,513	63,895	31,758	1,094
6239	Other residential care facilities	9	(D)	(D)	(D)	(6/)
624	Social assistance	541	516,997	488,674	215,098	9,763
6241	Individual and family services	209	267,300	252,846	117,219	5,473
6242	Community food and housing, and emergency & other relief svcs	86	110,897	104,664	27,566	929
6243	Vocational rehabilitation services	37	43,561	42,214	22,090	1,018
6244	Child day care services	209	95,239	88,950	48,223	2,343

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**Table 2.41-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2012-- Con.**

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

1/ Not available or not comparable.

2/ Industries in the ambulatory health care services subsector provide health care services directly or indirectly to ambulatory patients and do not usually provide inpatient services. Health practitioners in this subsector provide outpatient services, with the facilities and equipment not usually being the most significant part of the production process.

3/ 2,500 to 4,999 employees.

4/ 500 to 999 employees.

5/ 1,000 to 2,499 employees.

6/ 100 to 249 employees.

Source: U.S. Census Bureau, 2012 Economic Census, EC1262A1: Health Care and Social Assistance, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 Hawaii (April 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed June 5, 2015.

**Table 2.42-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY COUNTY AND PLACE : 2012**

[Includes establishments with payroll. Statistics based on the 2012 North American Industry Classification System (NAICS) which replaced the 2007 NAICS used in the 2007 Economic Census]

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
State total	3,559	8,136,947	3,290,592	66,772
Hawaii County	469	781,182	356,381	7,503
Captain Cook	8	2,205	885	31
Hawaiian Beaches	2	(D)	(D)	(1/)
Hawaiian Paradise Park	1	(D)	(D)	(2/)
Hilo	225	429,031	214,500	4,286
Holualoa	6	(D)	(D)	(1/)
Honaunau-Napoopoo	1	(D)	(D)	(2/)
Kahaluu-Keauhou	8	14,558	6,301	161
Kailua	69	67,215	28,564	642
Kalaoa	9	5,299	1,890	57
Mountain View	2	(D)	(D)	(2/)
Volcano	1	(D)	(D)	(2/)
Waikoloa Village	9	3,547	1,649	48
Waimea	31	77,131	32,921	635
Balance of Hawaii County	97	(D)	(D)	(3/)
Honolulu County	2,520	6,302,644	2,481,006	50,049
Ahuimanu	6	7,210	2,664	58
Aiea	51	27,325	10,067	282
East Honolulu	78	90,320	31,749	980
Ewa Beach	17	29,217	15,036	365
Ewa Gentry	2	(D)	(D)	(2/)
Ewa Villages	3	(D)	(D)	(4/)
Halawa	14	(D)	(D)	(5/)
Haleiwa	13	6,321	2,637	72
Hauula	2	(D)	(D)	(2/)
Heeia	5	741	349	13
Hickam Housing	3	(D)	(D)	(1/)
Iroquois Point	2	(D)	(D)	(2/)
Kahaluu	4	1,457	506	23
Kahuku	10	(D)	(D)	(6/)
Kailua	139	259,781	104,134	1,985

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**Table 2.42-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY COUNTY AND PLACE : 2012-- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
Honolulu County (con.)				
Kaneohe	103	172,443	84,148	1,952
Kapolei	26	49,884	25,136	1,441
Laie	4	1,320	543	22
Maili	5	2,825	1,069	34
Makaha	10	12,304	5,327	207
Makakilo	7	(D)	(D)	(1/)
Mililani Mauka	8	(D)	(D)	(1/)
Mililani Town	25	25,542	11,797	246
Nanakuli	7	12,289	5,461	118
Ocean Pointe	4	(D)	(D)	(2/)
Pearl City	84	87,983	34,331	885
Pupukea	1	(D)	(D)	(1/)
Royal Kunia	5	(D)	(D)	(1/)
Schofield Barracks	1	(D)	(D)	(2/)
Urban Honolulu	1,513	4,534,947	1,749,101	32,660
Wahiawa	39	91,056	39,130	871
Waialua	2	(D)	(D)	(1/)
Waianae	30	75,830	34,980	826
Waikele	6	(D)	(D)	(4/)
Waimalu	90	(D)	(D)	(3/)
Waimanalo	6	(D)	(D)	(4/)
Waimanalo Beach	5	2,021	754	31
Waipahu	98	79,252	30,454	826
Waipio	8	44,444	19,678	356
Waipio Acres	2	(D)	(D)	(2/)
West Loch Estate	1	(D)	(D)	(2/)
Balance of Honolulu County	81	(D)	(D)	(3/)
Kauai County	177	311,622	144,990	3,082
Hanapepe	5	(D)	(D)	(1/)
Kalaheo	9	(D)	(D)	(1/)
Kapaa	26	28,873	15,272	288
Kekaha	1	(D)	(D)	(2/)
Kilauea	12	4,855	1,359	46
Lihue	91	207,795	92,694	1,823
Puhi	2	(D)	(D)	(2/)
Wailua Homesteads	2	(D)	(D)	(2/)
Balance of Kauai County	29	(D)	(D)	(5/)

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**Table 2.42-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS  
(NAICS 62), BY COUNTY AND PLACE : 2012-- Con.**

<b>Geographic area</b>	<b>Establishments (number)</b>	<b>Receipts/ Revenue (\$1,000)</b>	<b>Annual payroll (\$1,000)</b>	<b>Paid employees for pay period including March 12 (number)</b>
Maui County	393	741,499	308,215	6,138
Haiku-Pauwela	6	5,304	1,613	37
Kaanapali	2	(D)	(D)	(2/)
Kahului	96	170,232	76,084	1,533
Kaunakakai	19	23,794	9,780	265
Kihei	42	31,997	13,593	307
Kula	13	(D)	(D)	(1/)
Lahaina	24	20,704	8,802	194
Lanai City	9	4,605	1,954	45
Makawao	16	(D)	(D)	(1/)
Napili-Honokowai	2	(D)	(D)	(2/)
Paia	3	(D)	(D)	(2/)
Pukalani	6	(D)	(D)	(1/)
Waihee-Waiehu	1	(D)	(D)	(2/)
Wailea	6	1,207	230	4
Wailuku	122	448,085	181,612	3,326
Balance of Maui County	26	(D)	(D)	(4/)

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

1/ 20 to 99 employees.

2/ 0 to 19 employees.

3/ 1,000 to 2,499 employees.

4/ 100 to 249 employees.

5/ 500 to 999 employees.

6/ 250 to 499 employees.

Source: U.S. Census Bureau, 2012 Economic Census, EC1262A1: Health Care and Social Assistance, Geographic Area Series, Summary Statistics for the U.S., States, Metro Areas, Counties, and Places: 2012 Hawaii (April 2015) <<http://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed June 5, 2015.

**Table 2.43-- MARRIAGES AND DIVORCES: 2002 TO 2013**

[Place of occurrence basis]

Calendar year	Marriages		Divorces and annulments 2/	Rates per 1,000 resident population 3/		Percent of marriages	
	Total	Resident 1/		Resident marriages	Divorces, annulments 2/	Nonresident 4/	Inter-racial 5/, 6/
2002	25,795	8,914	4,798	7.2	3.9	65.4	56.0
2003	27,495	9,354	(7/)	7.5	(X)	66.0	55.5
2004	28,843	9,225	(7/)	7.2	(X)	68.0	56.0
2005	29,272	9,358	(7/)	7.2	(X)	68.0	54.7
2006	28,681	9,300	(7/)	7.1	(X)	67.6	53.7
2007	27,346	9,401	(7/)	7.1	(X)	65.6	55.1
2008	25,464	9,643	(7/)	7.2	(X)	62.1	54.1
2009	23,169	9,017	(7/)	6.7	(X)	61.1	53.1
2010	23,918	9,117	(7/)	6.7	(X)	61.9	53.4
2011	24,177	8,907	(7/)	6.5	(X)	63.2	55.2
2012	24,207	8,863	(7/)	6.4	(X)	63.4	55.3
2013	22,902	8,692	(7/)	6.2	(X)	62.0	55.0

X Not applicable.

1/ One or both partners are residents of Hawaii.

2/ Final decrees only.

3/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2014. Rates for 2000 and beyond may differ from previous *Data Books* due to revisions to these population figures. Population estimates for 2000 through 2009 were revised based upon the April 1, 2010 figures which were released September 28, 2011.

4/ Both partners are nonresidents of Hawaii.

5/ Excludes nonresident marriages. For years prior to 2001, marriages where both bride and groom are in the "Part Hawaiian" or "Other races" categories were classified as non-interracial. Percentage based on number reporting.

6/ 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.

7/ 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, Population Division "Table 1. Intercensal Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2010" (ST-EST00INT-01) (September 2011) <<http://www.census.gov/popest/data/intercensal/state/tables/ST-EST00INT-01.xls>> accessed September 28, 2011, "Table 1. Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2014" (NST-EST2014-01) (December 2014) <<http://www.census.gov/popest/data/state/totals/2014/tables/NST-EST2014-01.xls>> accessed December 23, 2014 and earlier population estimates; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.44-- MARRIAGE AND DIVORCE RATES BASED ON RISK  
POPULATION: 1910 TO 2000**

Year	Females 15 years old and over 1/		Marriages 4/		Divorces 4/	
	Unmarried 2/	Married 3/	Number	Rate 5/	Number	Rate 6/
1910	9,667	31,380	2,112	218	210	7
1920	14,616	45,550	2,070	142	548	12
1930	26,059	53,948	2,504	96	546	10
1940	51,669	66,569	4,659	90	906	14
1950	58,995	94,520	5,446	92	1,112	12
1960	65,156	128,528	5,098	78	1,324	10
1970	98,016	166,596	7,312	75	2,452	15
1980	150,166	210,085	9,148	61	4,144	20
1990	183,984	244,799	10,180	55	5,396	22
2000	221,280	262,827	9,220	42	4,668	18

1/ Females 14 years old and over for 1940-1970.

2/ Single, widowed or divorced.

3/ Includes separated persons.

4/ Averages of the previous and current calendar year period which includes April 1. Place of occurrence basis for years prior to 1969-1970. Marriage data for 1969-1970 and later years are on a place of residence basis.

5/ Per 1,000 unmarried females 15 (or 14) years old and over.

6/ Per 1,000 married females 15 (or 14) years old and over.

Source: Robert C. Schmitt, *Demographic Statistics of Hawaii: 1778-1965* (University of Hawaii Press, 1968), pp. 214-215 and underlying data; *U.S. Census of Population: 1970*, Final Report PC (1)-B13, table 22; *U.S. Census of Population; 1980*, PC80-1-B13, table 21; Hawaii State Data Center, 1990 census tapes; Census 2000 Summary File 3 dataset <<http://factfinder.census.gov/servlet/BasicFactsServlet>> accessed August 28, 2003 ; Hawaii State Department of Health, *Annual Report, Statistical Supplement* for 1969, 1970, 1979, 1980, and Office of Health Status Monitoring, records.

**Table 2.45-- CHARACTERISTICS OF MARRIAGES: 2010 TO 2013**

[Place of occurrence basis]

<b>Subject</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Number	23,918	24,177	24,207	22,902
Percent on Oahu	50.1	49.6	49.9	49.9
Percent Hawaii residents				
Both partners	33.5	32.6	33.0	34.3
One partner only	4.6	4.2	3.6	3.7
Neither partner	61.9	63.2	63.4	62.0
Median age (years)				
Males	33	34	34	34
Females	31	31	31	32
Percent previously married				
Males	36.0	36.8	36.9	36.5
Females	34.3	35.3	35.1	35.0

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

**Table 2.46-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2013**

[Place of occurrence basis]

<b>Race mixture and type of ceremony</b>	<b>Total</b>	<b>At least one partner Hawaii resident</b>	<b>Both partners nonresidents</b>
All marriages	22,902	8,692	14,210
Race of partners			
Both partners same race 1/	12,402	3,244	9,158
Different race 2/	5,901	3,959	1,942
Percent different race 3/	32.2	55.0	17.5
Not reported 4/	4,599	1,489	3,110
Type of ceremony			
Civil ceremony	2,903	2,513	390
Religious ceremony	19,999	6,179	13,820

1/ Definition of "same race" was changed. It no longer includes marriages where both partners are of unknown race. These types of marriages are now included in the category "not reported".

2/ Includes marriages where either partner is "Part Hawaiian".

3/ Based on number reporting.

4/ 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 2.47-- MARITAL DISSOLUTION: 2000 TO 2013**

[Place of residence basis]

Subject	2000	2010	2013	Percent		
				2000	2010	2013
Married couples	216,077	1/ 224,402	1/ 235,190	100.0	100.0	100.0
Marriages ended 2/	8,365	(NA)	(NA)	3.9	(X)	(X)
By divorce 2/	4,707	(3/)	(3/)	2.2	(X)	(X)
By death	3,658	3,757	3,838	1.7	1.7	1.6
Husbands	2,574	2,672	2,677	1.2	1.2	1.1
Wives	1,084	1,085	1,161	0.5	0.5	0.5

NA Not available.

X Not applicable.

1/ Estimate. The degree of uncertainty for an estimate is represented through the use of a confidence interval. For the number of married couples in 2010, the lower bound of the 90 percent confidence interval is 218,877 while the upper bound is 229,927. For the number of married couples in 2013, the lower bound of the 90 percent confidence interval is 230,491 while the upper bound is 239,889.

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 records; U.S. Census Bureau, Census 2000 Summary File 3 Hawaii (September 25, 2002) and the American Community Survey, "DP02 Selected Social Characteristics in the United States - Hawaii, 2010 American Community Survey 1-Year Estimates" (September 2011) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed September 22, 2011 and American Community Survey, "DP02 Selected Social Characteristics in the United States - Hawaii, 2013 American Community Survey 1-Year Estimates" (September 2014) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed September 18, 2014.