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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 2011

[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

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2012. 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 Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <<http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls>> accessed December 20, 2012 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: 2007 TO 2011

[Place of occurrence basis]

Subject	All groups	Armed forces	Civilians 1/			Armed forces and dependents
			All civilians	Military dependents	Other civilians	
Live births						
2007	19,153	-	19,153	3,030	16,123	3,030
2008	19,462	-	19,462	3,202	16,260	3,202
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
Deaths						
2007	9,627	33	9,594	73	9,521	106
2008	9,572	48	9,524	78	9,446	126
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
Birth rates 2/						
2007	13.4	0.0	13.7	52.5	12.0	32.7
2008	13.6	0.0	14.0	51.8	12.2	32.2
2009	13.1	0.0	13.4	52.8	11.8	32.0
2010	12.9	0.0	13.3	55.6	11.3	33.5
2011	12.7	0.0	13.1	59.7	11.1	35.3
Death rates 2/						
2007	6.7	0.9	6.9	1.3	7.1	1.1
2008	6.7	1.3	6.8	1.3	7.1	1.3
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	6.9	1.3	7.1	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. Calculation of de facto population are based on July 1 resident population estimates by the U.S. Census Bureau as revised through December 2012.

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 2011*, 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 2011

[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

1/ Based on July 1 estimates by the U.S. Census Bureau, as revised through December 2012. 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 Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <<http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls>> accessed December 20, 2012; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

Table 2.04-- BIRTHS AND DEATHS, BY RESIDENCE: 2003 TO 2011

[Place of occurrence basis]

Event and year	Total	Resident 1/	Nonresident and unknown
Births			
2003	18,141	18,066	75
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
Deaths			
2003	9,179	8,850	329
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

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: 2009 TO 2011

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

Subject	2009	2010	2011
Number of resident births	18,843	18,910	18,911
City and County of Honolulu	13,318	13,673	13,552
Percent on Oahu	70.7	72.3	71.7
Hawaii County	2,473	2,386	2,465
Kauai County	881	842	896
Maui County (incl. Kalawao)	2,171	2,009	1,998
Percent attended by M.D. or D.O. in hospital	92.5	91.5	89.6
Males per 100 females	105.0	109.3	106.0
Median weight of single births (grams) 1/	3,289	3,284	3,289
Percent low birth weight (under 2,500 grams) 1/	8.5	8.3	8.2
Percent single births under 40 weeks gestation	68.6	69.7	69.4
Percent plural	3.3	3.1	3.2
Percent with 1 or more congenital malformations	9.9	9.5	10.8
Percent to unmarried mothers	38.0	37.9	37.6
Percent with prenatal visit in first three months	78.8	78.8	81.2
Percent first child born to mother 2/	30.3	30.5	30.0
Percent first child born alive to mother	41.0	40.6	40.5
Median age of mothers (years)	28	28	28
Median age of known fathers (years)	30	30	30

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: 2010

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

Type of rate	United States	Hawaii	Rank 1/
Birth rate 2/	13.0	14.0	10
Fertility rate 3/	64.1	72.4	8

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

2/ Per 1,000 estimated population.

3/ 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: Preliminary Data for 2010, Vol. 60, No. 2, November 2011

<http://www.cdc.gov/nchs/data/nvsr/nvsr60/nvsr60_02.pdf> accessed May 28, 2013.

**Table 2.07-- RESIDENT BIRTHS, MIXED AND UNMIXED RACE,
BY MILITARY STATUS OF PARENT: 2011**

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

Military status of parent	Total births	Unmixed	Mixed 1/	Not reported 2/	Percent mixed 3/
Total	18,911	7,528	10,444	939	58.1
Military	3,556	2,401	1,089	66	31.2
Civilian	13,884	5,100	8,773	11	63.2
Status not reported	1,471	27	582	862	95.6

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: 2011**

[Place of occurrence basis. A total of 9,457 first names, including variant spellings, was reported for the 18,971 babies born in Hawaii in 2011]

Boys' names			Girls' names		
Rank	Name	Number	Rank	Name	Number
1	Noah	90	1	Sophia	67
2	Mason	89	2	Olivia	64
3	Elijah	80	3	Isabella	54
4	Aiden	71	4	Chloe	53
5	Ethan	68	4	Emma	53
5	Jacob	68	6	Ava	51
7	Alexander	60	7	Mia	45
8	Liam	59	8	Lily	44
8	Logan	59	9	Alexis	34
10	Isaiah	58	10	Abigail	31
			10	Maya	31

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

**Table 2.09-- MOST COMMON SURNAMES ON BIRTH AND DEATH
CERTIFICATES: 2011**

Birth certificates			Death certificates		
Rank	Surname	Births	Rank	Surname	Deaths
1	Lee	81	1	Wong	64
2	Smith	75	2	Lee	57
3	Kim	57	3	Kim	54
4	Johnson	52	4	Chang	39
5	Miller	49	5	Chun	33
6	Williams	48	5	Nakamura	33
7	Wong	45	5	Oshiro	33
8	Martin	43	5	Smith	33
9	Garcia	41	9	Young	32
10	Rivera	39	10	Ching	30
			10	Lau	30

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 2010

[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
2001	3/ 77.0	3/ 74.3	3/ 79.5	(NA)	(NA)	(NA)
2002	3/ 77.0	3/ 74.4	3/ 79.6	(NA)	(NA)	(NA)
2003	3/ 77.2	74.5	3/ 79.7	(NA)	(NA)	(NA)
2004	3/ 77.6	3/ 75.0	3/ 80.1	(NA)	(NA)	(NA)
2005	3/ 77.6	3/ 75.0	3/ 80.1	(NA)	(NA)	(NA)
2006	3/ 77.8	3/ 75.2	3/ 80.3	(NA)	(NA)	(NA)
2007	3/ 78.1	3/ 75.5	3/ 80.6	(NA)	(NA)	(NA)
2008	3/ 78.2	75.6	80.6	(NA)	(NA)	(NA)
2009	78.5	76.0	80.9	(NA)	(NA)	(NA)
2010	78.7	76.2	81.0	(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.

3/ Revised from previous *Data Book*.

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/hus/previous.htm>> accessed June 22, 2009; *Health, United States, 2009: With Special Feature on Medical Technology* (January 2010) <<http://www.cdc.gov/nchs/hus.htm>> accessed June 24, 2010; *Health, United States, 2010: With Special Feature on Death and Dying* (February 2011) <<http://www.cdc.gov/nchs/data/hus/hus10.pdf>> accessed June 1, 2011; *Health, United States, 2010: With Special Feature on Socioeconomic Status and Health* <<http://www.cdc.gov/nchs/data/hus/hus11.pdf>> accessed June 29, 2012; *Health, United States, 2011: With Special Feature on Emergency Care* <<http://www.cdc.gov/nchs/data/hus/hus12.pdf>> accessed June 4, 2013.

**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]

County	Both sexes	Male	Female
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> 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> 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> accessed June 8, 2012 and records.

Table 2.16-- CHARACTERISTICS OF RESIDENT DEATHS: 2009 TO 2011

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

Subject	2009	2010	2011
Number of resident deaths	9,676	9,387	9,682
City and County of Honolulu	6,789	6,681	6,792
Hawaii County	1,385	1,262	1,378
Kauai County	523	527	496
Maui County (incl. Kalawao)	979	917	1,016
Males per 100 females	120.3	119.9	115.0
Median age (years)	79	79	79
Centenarian deaths: Male	32	32	29
Female	77	76	80
Oldest (age in years): Male	105	108	106
Female	110	108	107
Percent married	39.7	40.0	39.8
Deaths under 1 year	110	107	91
Per 1,000 live births	5.8	5.7	4.8
Fetal deaths 1/	4,358	3,920	3,569
Per 1,000 deliveries	188	172	159
Fetal deaths, 20 or more weeks gestation 2/	193	140	150
Per 1,000 live births	10.2	7.4	7.9
Standard fetal deaths 3/	1,046	886	940
Elective abortions	3,312	3,034	2,629
Per 1,000 live births	175.8	160.4	139.0

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: 2011

[Place of residence basis]

Causes of death 1/	Both sexes	Males 2/	Females
Total deaths	9,682	5,179	4,503
Malignant neoplasm 3/	2,239	1,214	1,025
Stomach	81	44	37
Colon, rectum and anus	235	135	100
Pancreas	187	102	85
Trachea, bronchus and lung	531	301	230
Breast (Female)	107	-	107
Cervix uteri, corpus uteri and ovary	111	-	111
Prostate	98	98	-
Urinary tract	80	56	24
Non-Hodgkin's lymphoma	97	57	40
Leukemia	90	55	35
Other malignant neoplasms	622	366	256
Diabetes mellitus	259	141	118
Alzheimer's disease	194	69	125
Diseases of the heart	2,243	1,267	976
Hypertensive heart disease	64	40	24
Ischemic heart disease	1,169	711	458
Other forms of heart disease	1,010	516	494
Hypertension	93	43	50
Cerebrovascular disease	607	275	332
Other circulatory system diseases (Inc. Atherosclerosis)	95	45	50
Influenza/pneumonia	322	163	159
Chronic lower respiratory diseases	314	167	147
Chronic liver disease and cirrhosis	130	89	41
Nephritis and nephrosis	199	110	89
Perinatal conditions	53	25	28
Congenital anomalies	26	15	11
Symptoms and ill-defined conditions (Inc. Sudden Infant Death Syndrome)	144	50	94
Other diseases 4/	2,005	961	1,044
Motor vehicle accidents	100	76	24
All other and unspecified accidents and adverse effects	406	275	131
Intentional self-harm (suicide)	172	136	36
All other external causes	81	58	23

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, Syphilis, HIV Disease, Peptic Ulcer, 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 2013**

[Complete through June 3, 2013]

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	Waiialua	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 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 2013

[Includes all accidents, natural disasters, and other events causing five or more deaths. Complete through June 4, 2013]

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
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 2011**

[Place of occurrence basis]

Method	1980	1990	2000	2009	2010	2011
All methods	5,204	7,055	8,511	9,947	9,654	9,961
Burial	2,343	2,798	2,767	2,416	2,322	2,375
Cremation	2,241	3,564	5,092	6,862	6,661	6,961
Removal	567	656	591	551	562	503
Medical science	-	-	40	94	91	102
All others 1/	53	37	21	24	18	20

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 2012, AND BY LEVEL OF VISUAL IMPAIRMENT, 2012

[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
LEVEL OF VISUAL IMPAIRMENT: 2012					
Total	3,331	2,527	373	154	277
Blind 3/	3,025	2,307	326	137	255
Visually impaired 4/	306	220	47	17	22

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: 2011

[Excludes persons in institutions, military barracks, and Ni`ihau. Sample survey consisted of 14,968 people. Data were weighted based on the 2010 Census data]

Selected chronic conditions	Prevalence of condition 1/	Conditions per 1,000 persons 2/
Diabetes	98,206	71
Hypertension	235,016	171
High blood cholesterol	233,419	170
Asthma	131,250	95
Arthritis	115,742	84
Cancer	52,571	38
Heart	54,201	39
Lung	22,711	17

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: 2007 TO 2011

[2011 data reported as of December 2012; earlier data not updated]

Disease	2007	2008	2009	2010	2011
Cases: 1/					
AIDS	96	101	90	82	63
Campylobacteriosis	531	657	548	734	836
E. coli 0157:H7	40	13	11	29	9
Fish poisoning 2/	40	62	40	31	31
Giardiasis	80	42	32	60	38
Gonorrhea	658	621	636	759	685
Hansen's Disease 3/	15	18	24	24	20
Hepatitis A	8	20	13	9	8
Hepatitis B (Acute)	18	7	6	6	6
Influenza 4/	603	1,806	7,764	7,181	8,660
Leptospirosis 5/	30	27	16	7	5
Malaria 6/	2	3	1	4	7
Measles (Rubeola) 6/	2	5	-	4	-
Meningitis, bacterial	10	5	5	1	4
Mumps 7/	2	4	5	5	3
Pertussis (whooping cough) 4/	19	20	46	66	59
Pneumococcal disease	111	99	107	117	99
Rubella 6/	-	-	-	-	-
Salmonellosis	313	269	338	331	332
Shigellosis	72	46	49	50	48
Syphilis (Primary & Secondary)	9	29	33	35	14
Tuberculosis	122	124	118	115	123
Deaths: 8/					
AIDS	21	19	10	13	15
Hansen's Disease	(9/)	(9/)	-	(9/)	-
Hepatitis A	-	-	-	-	-
Hepatitis B (Acute)	(9/)	(9/)	7	(9/)	5
Influenza	(9/)	(9/)	17	(9/)	(9/)
Leptospirosis	-	-	-	-	-
Meningitis, bacterial	-	(9/)	(9/)	(9/)	-
Pertussis (whooping cough)	-	-	(9/)	-	-
Pneumococcal disease	(9/)	(9/)	(9/)	(9/)	(9/)
Salmonellosis	(9/)	(9/)	-	(9/)	-
Shigellosis	-	-	-	-	-
Syphilis	-	-	-	-	(9/)
Tuberculosis	(9/)	7	6	5	(9/)

Continued on next page.

Table 2.23--SPECIFIED COMMUNICABLE DISEASES: 2007 TO 2011 -- 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: 2011

[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. Weighted percent of adults who reported the health risk behaviors or conditions. Ninety-five percent confidence interval in parenthesis, when available]

Risk factor	State	Honolulu	Hawaii	Kauai	Maui
Seatbelt non-use	1.3 (0.8- 1.9)	1.3 (0.7- 2.2)	0.8 (0.4- 1.5)	0.4 (0.1- 1.3)	2.3 (1.1- 4.4)
Binge drinking 1/	20.4 (18.9-22.0)	20.3 (18.3- 22.3)	21.5 (18.2- 25.2)	16.2 (12.2- 21.1)	21.5 (18.5- 25.0)
High cholesterol 2/	27.8 (26.4- 29.3)	29.0 (27.1- 31.0)	25.1 (22.3- 28.1)	24.9 (20.5- 29.9)	25.8 (22.9- 28.9)
Hypertension 3/	29.3	30.1	29.4	27.6	25.8
Lack of exercise 4/	20.6 (19.1-22.0)	21.1 (19.3- 23.1)	20.4 (17.5- 23.6)	17.0 (13.4- 21.2)	19.1 (16.2- 22.4)
Less vegetables 5/	80.6	81.7	79.6	75.7	79.3
Diabetes 6/	9.2	9.5	7.4	9.9	9.5
Asthma 7/	16.2 (14.9- 17.6)	16.3 (14.7- 18.2)	16.8 (14.1- 19.8)	14.9 (10.9- 20.0)	15.4 (12.7- 18.6)
Current smokers	16.8 (15.5- 18.3)	16.5 (14.8- 18.4)	19.1 (16.3- 22.2)	19.9 (15.0- 25.9)	14.8 (12.0- 18.1)
Overweight 8/	32.8 (31.2- 34.5)	33.1 (31.0- 35.2)	33.6 (30.2- 37.3)	32.3 (27.1- 38.0)	30.1 (26.8- 33.7)
Obese 9/	21.2	21.1	23.4	18.0	21.3

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Table 2.24-- HEALTH RISK BEHAVIORS AND CONDITIONS FOR PERSONS 18 YEARS AND OLDER, BY COUNTY: 2011 -- Con.

1/ Five or more alcoholic beverages on at least one occasion during the past 30 days. From 2007 onward, defined as 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. Includes high blood pressure during pregnancy.

4/ Other than your regular job, did not participate in any physical activities or exercises during the past 30 days.

5/ Eat vegetables (including beans and peas) less than three times a day.

6/ Told by doctor or health professional that they have diabetes. Includes diabetes during pregnancy.

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

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

9/ Body mass index (BMI) equal to or greater than 30.

Source: Hawaii State Department of Health, Office of Health Status Monitoring, Behavioral Risk Factor Surveillance System (BRFSS) <<http://hawaii.gov/health/statistics/brfss/brfss2011/subareas11.html>> accessed June 5, 2013.

Table 2.25-- NUMBER AND BED CAPACITY OF STATE-APPROVED FACILITIES, BY TYPE OF FACILITY: 2000 TO 2010

[Excludes Tripler Army Medical Center. 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
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

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

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

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://hawaii.gov/shpda>> accessed May 5, 2012 and June 22, 2012 and revised tables; 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 2010

[Excludes Tripler Army Medical Center. 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
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

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

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://hawaii.gov/shpda>> accessed May 5, 2012 and June 21, 2012 and revised tables; 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 2010

[Excludes Tripler Army Medical Center. Figures based on facilities that reported their activity. Care home data from the Office of Health Care Assurance which was previously displayed in this table may be found in a separate *Data Book* table]

Category and island	Facilities			
	Total 1/	Acute care 2/	Long-term care 2/	Specialty care
NUMBER OF FACILITIES				
State total	70	20	48	15
Oahu	46	11	30	12
Hawaii	10	3	9	-
Kauai	6	3	5	-
Maui	5	1	2	2
Molokai	2	1	1	1
Lanai	1	1	1	-
NUMBER OF LICENSED BEDS				
State total	7,747	2,573	4,305	869
Oahu	5,561	1,988	2,774	799
Hawaii	1,069	257	812	-
Kauai	427	100	327	-
Maui	645	213	378	54
Molokai	31	11	4	16
Lanai	14	4	10	-

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

2/ 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 2010 Data* <<http://hawaii.gov/shpda>> accessed June 21, 2012; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.28-- NUMBER AND BED CAPACITY OF STATE-APPROVED ADULT CARE HOMES, BY TYPE OF FACILITY, BY ISLAND: 2010 TO 2012

[As of December 31]

Category and island	2010		2011		2012	
	Type I 1/	Type II 2/	Type I 1/	Type II 2/	Type I 1/	Type II 2/
NUMBER OF FACILITIES						
State total	473	23	475	27	458	27
Oahu	395	22	398	26	381	27
Hawaii	50	-	49	-	49	-
Kauai	15	1	14	1	14	-
Maui	10	-	10	-	10	-
Molokai	3	-	4	-	4	-
Lanai	-	-	-	-	-	-
NUMBER OF LICENSED BEDS 3/						
State total	2,244	393	2,254	431	2,174	429
Oahu	1,894	383	1,900	421	1,820	429
Hawaii	221	-	221	-	221	-
Kauai	66	10	65	10	65	-
Maui	48	-	48	-	48	-
Molokai	15	-	20	-	20	-
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 2.29-- OCCUPANCY CHARACTERISTICS OF STATE-APPROVED ACUTE AND LONG-TERM CARE CIVILIAN FACILITIES, BY ISLAND: 2010

[Excludes Tripler Army Medical Center. 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	112,166	1,534	59.6
Oahu	83,646	1,208	60.8
Hawaii	12,217	126	48.9
Kauai	4,744	59	58.8
Maui	11,443	140	65.8
Molokai	102	1	9.4
Lanai	14	-	1.6
LONG-TERM CARE 1/			
State total	8,490	3,753	87.2
Oahu	5,777	2,399	86.5
Hawaii	1,459	739	91.1
Kauai	689	253	77.3
Maui	548	350	92.7
Molokai	13	3	69.6
Lanai	4	9	92.9

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 2010 Data* <<http://hawaii.gov/shpda>> accessed June 21, 2012; calculations by the Hawaii State Department of Business, Economic Development & Tourism.

Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE CHILD AND ADOLESCENT MENTAL HEALTH SERVICES: 2008 TO 2012

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

Subject	2008	2009	2010	2011	2012
Total	2,821	2,879	2,661	2,438	1,954
Youths registered with services procured 1/ Number	1,555	1,518	1,389	1,197	1,230
Percent	55	53	52	49	63
Mean age (years)	14.0	14.0	14.1	13.9	14.2
Sex (%)					
Male	66	66	67	67	62
Female	34	34	33	33	38
County					
Hawaii	753	812	724	713	732
Honolulu	1,098	991	896	765	789
Kauai	687	728	694	679	160
Maui	206	229	223	178	185
Special populations 2/	76	118	123	102	87
Selected services procured (%) 3/					
Out-of-home	38.8	36.9	35.0	33.2	31.6
Out-of-state	0.6	0.4	0.4	0.6	0.5
Hospital residential	6.1	5.7	4.4	4.2	4.9
Community high risk	1.0	0.9	1.1	1.2	1.1
Community residential	14.7	13.0	13.6	12.4	11.1
Therapeutic group home 4/	7.7	7.1	5.0	3.3	1.7
Therapeutic foster home 4/	18.1	18.0	18.6	18.5	17.8
Intensive home & community	70.4	69.8	72.8	75.0	72.7
Multi-systemic therapy	19.8	17.7	18.9	21.9	19.7
Intensive in-home	55.1	56.8	58.6	58.6	56.3
Outpatient 5/	13.6	41.1	15.6	17.5	22.3
Supportive services 6/	27.6	22.1	13.6	14.0	12.9
Crisis stabilization	2.2	2.3	3.3	5.0	5.8

Continued on next page.

**Table 2.30-- CHARACTERISTICS OF YOUTHS REGISTERED FOR STATE
CHILD AND ADOLESCENT MENTAL HEALTH SERVICES:
2008 TO 2012 -- Con.**

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

2/ Non-county-specific programs to which a youth may be registered.

3/ Youths receiving one or more days of service by level of care as a percent of all registered youths.

Procurement of mental health services from contracted provider agencies. Only selected service subgroups are shown.

4/ 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/ Includes treatment (such as medication management and functional family therapy), consultation, and assessment.

6/ Includes respite home, respite support, peer support and ancillary service.

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://hawaii.gov/health/mental-health/camhd/library/pdf/rptheval/ge/index.html>> accessed June 5, 2013.

Table 2.31-- ADULT PATIENTS SERVED BY STATE MENTAL HEALTH FACILITIES: 1998 TO 2011

Facilities and year	Persons active, Dec. 31	Admissions	Discharges	Persons served
Hawaii State Hospital				
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
State-supported outpatient community mental health centers				
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

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 2012**

[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

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 2012, about 4.4 percent of the patients were on leave or absent without leave.

Source: Hawaii State Hospital, records.

Table 2.33-- HANSEN'S DISEASE PATIENTS REGISTERED: 2007 TO 2011

Subject	2007	2008	2009	2010	2011
Patients on register, Dec. 31	241	245	255	272	285
Department of Health, Hansen's Disease					
Community Program 1/	213	222	236	254	268
Kalaupapa	28	23	19	18	17
New cases	16	18	26	24	20
Deaths	2	5	4	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 2.34-- ESTIMATED USE OF SELECTED SUBSTANCES, FOR THE UNITED STATES AND HAWAII: 2009-2010 AND 2010-2011

[Data in this table are annual averages based on the 2009-2010 and the 2010-2011 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/
2009-2010					
Estimated current users (1,000)					
United States	22,291	17,119	9,106	58,524	59,113
Hawaii	102	83	37	207	249
Current users as percent of population					
United States	8.8	6.8	3.6	23.2	23.4
Hawaii	9.7	7.9	3.6	19.8	23.7
2010-2011					
Estimated current users (1,000)					
United States	22,553	17,741	8,518	57,569	58,440
Hawaii	95	75	33	218	250
Current users as percent of population					
United States	8.8	6.9	3.3	22.5	22.9
Hawaii	8.8	6.9	3.1	20.1	23.1

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, 2009-2010 <<http://www.samhsa.gov/data/NSDUH/2k10State/NSDUHsae2010/>> accessed May 28, 2013 and 2010-2011 <<http://www.samhsa.gov/data/NSDUH/2k11State/NSDUHsae2011/>> accessed May 28, 2013.

Table 2.35-- PREVALENCE OF VARIOUS SUBSTANCES WITH STUDENTS IN THE STATE OF HAWAII, 2007 AND 2011, AND UNITED STATES, 2011

[In percentages]

Substance	Hawaii		U.S.
	2007	2011	2011
Used marijuana in the past 30 days	15.7	21.9	23.1
Ever used any form of cocaine	5.6	6.4	6.8
Glue, aerosol spray can, or paints/spray use 1/	11.4	9.7	11.4
Ever used methamphetamines	4.5	3.4	3.8
Ever used ecstasy	4.6	9.0	8.2
Ever used prescription drugs without a doctor's prescription	(NA)	14.3	20.7
Alcohol use 2/	29.1	29.1	38.7
Binge drinking 3/	14.9	15.4	21.9
Ever tried any form of tobacco	43.7	33.5	(NA)

NA Not available.

1/ Ever sniffed glue, breathed the contents of aerosol spray cans, or inhaled any paints or sprays to get high.

2/ Had at least one drink of alcohol on at least 1 day in the past 30 days.

3/ Had five or more drinks of alcohol in a row within a couple of hours on at least 1 day in the past 30 days.

Source: Hawaii Department of Education, Hawaii Department of Health, and the University of Hawaii's Curriculum Research & Development Group "*Hawaii Youth Risk Behaviors Hawaii School Health Survey - Survey Results 2011 - State of Hawaii Public High School Report*" and the Hawaii Youth Tobacco Survey.

**Table 2.36-- PHYSICIANS, DENTISTS, NURSES, AND PHARMACISTS
LICENSED IN HAWAII, BY PLACE OF ADDRESS: JULY 16, 2012**

[Excludes inactive licenses]

Place of address	Physicians and surgeons 1/	Dentists	Registered nurses	Pharmacists
Total licensed	8,587	1,482	19,647	2,099
State of Hawaii	4,467	1,055	13,644	1,195
Hawaii	449	104	1,609	142
Maui	381	89	1,294	106
Lanai	4	1	16	-
Molokai	11	4	30	3
Oahu	3,436	819	10,056	879
Kauai	186	38	639	65
Mainland U.S.	4,059	407	5,899	899
Foreign	61	20	103	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://hawaii.gov/dcca/areas/pvl/main/reports/pvl_geo/> accessed October 26, 2012; calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2007**

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

NAICS code	Kind of business or operation	Estab-lish-ments (num-ber)	Re-ceipts/ rev- enues (\$1,000)	Expen- ses (\$1,000)	Annual payroll (\$1,000)	Paid employ-ees for pay period including March 12 (number)
62	Health care and social assistance	3,484	6,565,022	(1/)	2,721,415	63,640
621	Ambulatory health care services 2/	2,713	2,912,379	(1/)	1,220,571	25,386
6211	Offices of physicians	1,178	1,176,892	(1/)	533,714	7,475
6212	Offices of dentists	689	450,756	(1/)	172,560	4,103
6213	Offices of other health practitioners	518	215,674	(1/)	88,523	2,979
6214	Outpatient care centers	165	569,893	(1/)	223,771	5,194
6215	Medical and diagnostic laboratories	53	222,853	(1/)	81,719	1,775
6216	Home health care services	65	120,117	(1/)	68,463	2,872
6219	Other ambulatory health care service	45	156,194	(1/)	51,821	988
622	Hospitals	27	2,614,909	(1/)	1,068,334	20,414
6221	General medical and surgical	20	2,248,138	(1/)	909,026	17,434
6222	Psychiatric and substance abuse	2	(D)	(1/)	(D)	(3/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(1/)	(D)	(4/)
623	Nursing and residential care facilities	128	469,916	(1/)	192,023	6,475
6231	Nursing care facilities	38	293,365	(1/)	122,930	3,851
6232	Residential mental retardation, mental health and substance abuse facility	44	(D)	(1/)	(D)	(4/)
6233	Community care facilities for elderly	39	92,873	(1/)	32,800	1,393
6239	Other residential care facilities	7	(D)	(1/)	(D)	(5/)
624	Social assistance	616	567,818	(1/)	240,487	11,365
6241	Individual and family services	277	337,153	(1/)	147,915	6,905
6242	Community food and housing, and emergency & other relief services	70	83,811	(1/)	21,751	780
6243	Vocational rehabilitation services	67	63,327	(1/)	30,019	1,432
6244	Child day care services	202	83,527	(1/)	40,802	2,248

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**Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2007 -- Con.**

NAICS code	Kind of business or operation	Estab-lish-ments (num-ber)	Re-ceipts/ rev- enues (\$1,000)	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	706	3,586,410	3,486,346	1,477,279	34,617
621	Ambulatory health care services 2/	134	472,535	475,147	194,599	4,955
6214	Outpatient care centers	106	349,369	355,704	148,766	3,660
6216	Home health care services	16	(D)	(D)	(D)	(3/)
6219	Other ambulatory health care service	12	(D)	(D)	(D)	(6/)
622	Hospitals	25	(D)	(D)	(D)	(7/)
6221	General medical and surgical	18	(D)	(D)	(D)	(7/)
6222	Psychiatric and substance abuse	2	(D)	(D)	(D)	(3/)
6223	Specialty (except psychiatric and substance abuse)	5	(D)	(D)	(D)	(4/)
623	Nursing and residential care facilities	61	(D)	(D)	(D)	(8/)
6231	Nursing care facilities	7	75,165	71,149	33,636	960
6232	Residential mental retardation, mental health and substance abuse facility	41	(D)	(D)	(D)	(4/)
6233	Community care facilities for elderly	7	(D)	(D)	(D)	(3/)
6239	Other residential care facilities	6	(D)	(D)	(D)	(9/)
624	Social assistance	486	(D)	(D)	(D)	(10/)
6241	Individual and family services	199	244,230	226,589	108,082	4,115
6242	Community food and housing, and emergency & other relief services	62	(D)	(D)	(D)	(3/)
6243	Vocational rehabilitation services	53	(D)	(D)	(D)	(3/)
6244	Child day care services	172	70,872	64,802	34,808	1,974

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**Table 2.37-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), BY KIND OF BUSINESS OR OPERATION: 2007 -- Con.**

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

1/ Not available or not comparable.

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

3/ 500 to 999 employees.

4/ 1,000 to 2,499 employees.

5/ 100 to 249 employees.

6/ 250 to 499 employees.

7/ 10,000 to 24,999 employees.

8/ 2,500 to 4,999 employees.

9/ 20 to 99 employees.

10/ 5,000 to 9,999 employees.

Source: U.S. Census Bureau, 2007 Economic Census, Sector 62: Health Care and Social Assistance, Geographic Area Series, EC0762A1: Summary Statistics for the U.S, States, Metro and Micro Areas, Metro Divisions, Consolidated Cities, Counties and Place

<[http://factfinder.census.gov/servlet/IBQTable?_bm=y&-filter=OPTAX;in;A,Y&-sortkey2=&-defOrder=Y&-sortkey1=&-sortkey0=&-ds_name=EC0762A1&-NAICS2007=62|621|6211|6212|6213|6214|6215|6216|6219|622|6221|6222|6223|623|6231|6232|6233|6239|624|6241|6242|6243|6244&-ib_type=NAICS2007&-NAICS2007sector=*4&-geo_id=04000US15&-dataitem=GEO_ID\\$|NAICS2007|NAICS2007\\$|OPTAX\\$|FOOTID|ESTAB|RCPTOT|OPEX|PAYANN|EMP&-search_results=ALL&-_lang=en&-fds_name=EC0700A1](http://factfinder.census.gov/servlet/IBQTable?_bm=y&-filter=OPTAX;in;A,Y&-sortkey2=&-defOrder=Y&-sortkey1=&-sortkey0=&-ds_name=EC0762A1&-NAICS2007=62|621|6211|6212|6213|6214|6215|6216|6219|622|6221|6222|6223|623|6231|6232|6233|6239|624|6241|6242|6243|6244&-ib_type=NAICS2007&-NAICS2007sector=*4&-geo_id=04000US15&-dataitem=GEO_ID$|NAICS2007|NAICS2007$|OPTAX$|FOOTID|ESTAB|RCPTOT|OPEX|PAYANN|EMP&-search_results=ALL&-_lang=en&-fds_name=EC0700A1)> accessed June 9, 2010.

**Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS
(NAICS 62), FOR COUNTIES AND SELECTED URBAN PLACES: 2007**

[Includes establishments with payroll. Statistics based on the 2007 North American Industry Classification System (NAICS) which replaced the 2002 NAICS used in the 2002 Economic Census. The Standard Industrial Classification (SIC) system was used in Economic Censuses prior to 1997]

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
State total	3,484	6,565,022	2,721,415	63,640
Hawaii County	452	623,349	271,831	7,285
Hilo	221	348,459	154,055	4,211
Holualoa	16	11,356	4,462	87
Kailua	64	65,983	24,057	750
Kalaoa	4	1,345	413	9
Waimea	26	61,807	26,470	581
Balance of Hawaii County	121	134,399	62,374	1,647
Honolulu County	2,473	5,055,422	2,047,884	47,727
Ahuimanu	2	(D)	(D)	(1/)
Aiea	53	24,942	9,438	278
Ewa Beach	19	(D)	(D)	(2/)
Halawa	14	12,281	4,574	176
Honolulu	1,580	3,781,423	1,507,091	33,853
Kailua	133	88,334	40,918	1,090
Kaneohe	98	163,167	77,511	1,917
Kaneohe Station	1	(D)	(D)	(3/)
Maili	2	(D)	(D)	(3/)
Makaha	9	9,793	4,609	183
Makakilo City	6	(D)	(D)	(1/)
Mililani Town	33	26,411	11,896	290
Nanakuli	9	9,835	4,418	96
Pearl City	39	49,302	20,691	477
Schofield Barracks	2	(D)	(D)	(1/)
Village Park	3	1,053	421	27
Wahiawa	41	76,389	31,704	860

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Table 2.38-- HEALTH CARE AND SOCIAL ASSISTANCE ESTABLISHMENTS (NAICS 62), FOR COUNTIES AND SELECTED URBAN PLACES: 2007 -- Con.

Geographic area	Establishments (number)	Receipts (\$1,000)	Annual payroll (\$1,000)	Paid employees for pay period including March 12 (number)
Honolulu County (con.)				
Waianae	26	59,623	31,969	742
Waimalu	136	243,930	92,540	1,829
Waipahu	83	72,305	28,146	855
Waipio	10	(D)	(D)	(4/)
Balance of Honolulu County	174	391,651	160,941	4,542
Kauai County	172	266,450	119,652	2,729
Kapaa	23	18,669	12,397	237
Lihue	64	162,984	74,228	1,737
Balance of Kauai County	85	84,797	33,027	755
Maui County	387	619,801	282,048	5,899
Haiku-Pauwela	7	2,319	699	16
Kahului	96	159,272	64,950	1,529
Kihei	39	31,602	11,764	385
Lahaina	19	16,499	6,232	140
Makawao	13	6,262	2,793	84
Napili-Honokowai	7	(D)	(D)	(1/)
Pukalani	10	(D)	(D)	(1/)
Wailea-Makena	3	(D)	(D)	(3/)
Wailuku	121	343,298	169,115	2,990
Island of Lana'i	8	4,514	1,583	43
Island of Moloka'i 5/	25	18,879	8,289	304
Balance of Maui County	39	(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/ 100 to 249 employees.

3/ 0 to 19 employees.

4/ 250 to 499 employees.

5/ For statistical reasons, data for the island of Molokai may also include an unknown number of businesses physically located in the small portion of Molokai that is actually in Kalawao County.

Source: U.S. Census Bureau, 2007 Economic Census, Health Care and Social Assistance, Geographic Area Series, EC0762A1: Summary Statistics for the U.S, States, Metro and Micro Areas, Metro Divisions, Consolidated Cities, Counties and Place

<http://factfinder.census.gov/servlet/EconSectorServlet?caller=dataset&sv_name=*&_SectorId=62&ds_name=EC0700A1&_lang=en&_ts=295189347264> accessed June 9, 2010.

Table 2.39-- MARRIAGES AND DIVORCES: 2000 TO 2011

[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/
2000	25,376	9,217	4,716	7.6	3.9	63.7	43.4
2001	24,477	9,126	4,857	7.4	4.0	62.7	6/ 55.7
2002	25,795	8,914	4,798	7.2	3.9	65.4	6/ 56.0
2003	27,495	9,354	(7/)	7.5	(X)	66.0	6/ 55.5
2004	28,843	9,225	(7/)	7.2	(X)	68.0	6/ 56.0
2005	29,272	9,358	(7/)	7.2	(X)	68.0	6/ 54.7
2006	28,681	9,300	(7/)	7.1	(X)	67.6	6/ 53.7
2007	27,346	9,401	(7/)	7.1	(X)	65.6	6/ 55.1
2008	25,464	9,643	(7/)	7.2	(X)	62.1	6/ 54.1
2009	23,169	9,017	(7/)	6.7	(X)	61.1	6/ 53.1
2010	23,918	9,117	(7/)	6.7	(X)	61.9	6/ 53.4
2011	24,177	8,907	(7/)	6.5	(X)	63.2	6/ 55.2

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 2012. 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 Population for the United States, Regions, States, and Puerto Rico: April 1, 2010 to July 1, 2012" (NST-EST2012-01) (December 2012) <<http://www.census.gov/popest/data/state/totals/2012/tables/NST-EST2012-01.xls>> accessed December 20, 2012 and earlier population estimates; and calculations by the Hawaii State Department of Business, Economic, Development & Tourism.

**Table 2.40-- 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 2.41-- CHARACTERISTICS OF MARRIAGES: 2008 TO 2011

[Place of occurrence basis]

Subject	2008	2009	2010	2011
MARRIAGES				
Number	25,464	23,169	23,918	24,177
Percent on Oahu	48.9	50.5	50.1	49.6
Percent Hawaii residents				
Both bride and groom	33.7	34.1	33.5	32.6
One partner only	4.2	4.8	4.6	4.2
Neither bride nor groom	62.1	61.1	61.9	63.2
Median age (years)				
Groom	33	33	33	34
Bride	30	31	31	31
Percent previously married				
Groom	35.9	35.9	36.0	36.8
Bride	34.9	34.6	34.3	35.3

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

Table 2.42-- MARRIAGES, RESIDENT AND NONRESIDENT, BY RACE MIXTURE AND TYPE OF CEREMONY: 2011

[Place of occurrence basis]

Race mixture and type of ceremony	Total	At least one partner Hawaii resident	Both partners nonresidents
All marriages	24,177	8,907	15,270
Race of partners			
Both partners same race 1/	14,855	3,500	11,355
Different race 2/	6,698	4,320	2,378
Percent different race 3/	31.1	55.2	17.3
Not reported 4/	2,624	1,087	1,537
Type of ceremony			
Civil ceremony	3,239	2,836	403
Religious ceremony	20,938	6,071	14,867

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 2.43-- MARITAL DISSOLUTION: 2000 TO 2011

[Place of residence basis]

Subject	2000	2010	2011	Percent		
				2000	2010	2011
Married couples	216,077	1/ 224,402	1/ 229,641	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	3,849	1.7	1.7	1.7
Husbands	2,574	2,672	2,676	1.2	1.2	1.2
Wives	1,084	1,085	1,173	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 2011, the lower bound of the 90 percent confidence interval is 223,370 while the upper bound is 235,912.

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, 2011 American Community Survey 1-Year Estimates" (September 2012) <<http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>> accessed September 20, 2012.