

## Mental Health, for the State of Hawaii, for State and Selected Ethnicities, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; n/r (Not Reportable) - Represents cell size restriction based on unweighted respondents; n/a (Not Available) - Not asked of a subset of respondents*

*The Leading Health Indicators were developed as part of the Healthy People 2010 initiative. The Leading Health Indicators (LHI) were selected to reflect the major public health concerns in the United States. Ten indicators were chosen based upon their ability to motivate action, the availability of data to measure their progress and their relevance as broad public health issues.*

*This report looks at Mental Health for youths and adults:*

*Youths in grades 9-12 who felt sad or hopeless almost every day for 2 or more weeks in a row so that they stopped doing some usual activities, during the past 12 months. (Source: YRBS)*

*Adults whose mental health was not good for 14 or more of the past 30 days. (Source: BRFSS)*

*Note: Question not asked of middle school students in 2011.*

*Suggested citation:*

*Hawaii Health Data Warehouse; Hawaii State Department of Health, State of Hawaii, Hawaii School Health Survey: Youth Risk Behavior Survey Module (YRBS), Behavioral Risk Factor Surveillance System (BRFSS), (report title and years), Report Created: 10/10/2013*

*For documentation on other terms and coding in this report, please go to the following links*

[Click here to access BRFSS documentation](#)

[Click here to access YRBS documentation](#)

[Click here to access DOH Race-Ethnicity coding](#)

[Click here to access The Hawai'i Data Guide](#)

[Click here to access Poverty Level Methodology](#)

**For questions about this report, please contact  
The Hawaii Health Data Warehouse**

[profiles@hhdw.org](mailto:profiles@hhdw.org)

**(855) 946-5899 x15**

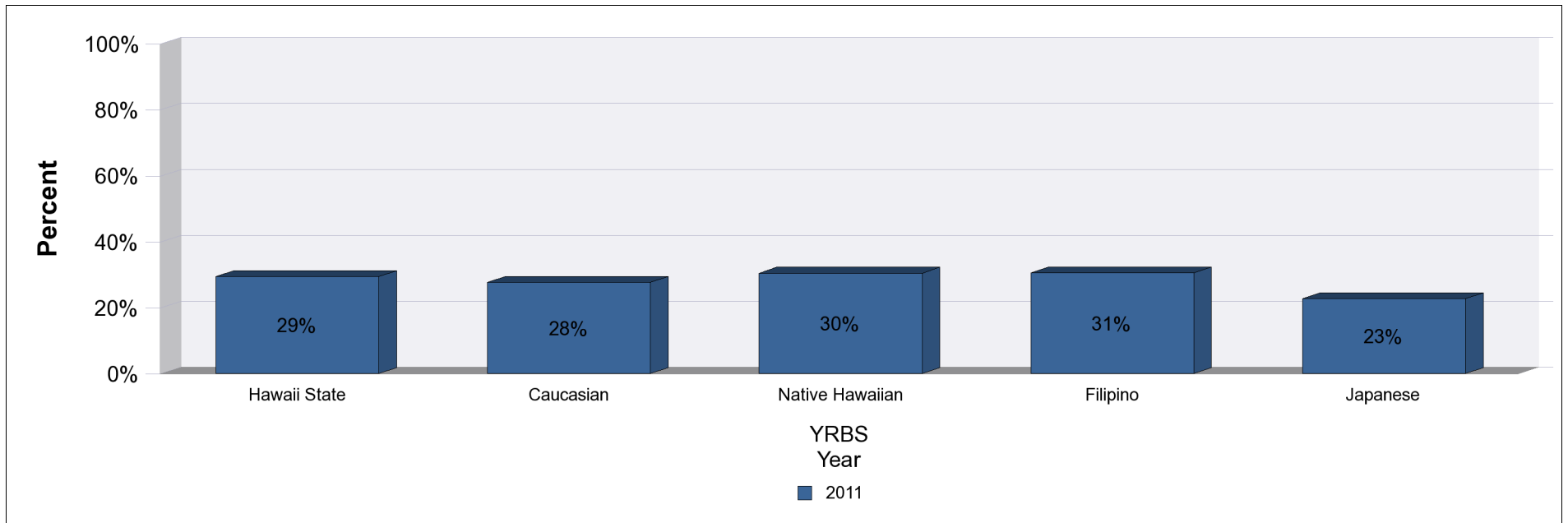
## Youth Depression in the Past 12 Months, for State and Selected Ethnicities, for Students in Grades 9-12, by School Type, Trend by Year, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Students in grades 9-12; n/r (Not Reportable) - Represents cell size restriction of unweighted respondents < 100; n/a (Not Available) - Not asked of a subset of respondents; Question not asked of middle school students in 2011.*

*Note: Youths in grades 9-12 who felt sad or hopeless almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the past 12 months.*

### High School

Year	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#
2011	29.5	27.4 - 31.6	12,700	27.7	21.7 - 33.8	1,700	30.5	26.6 - 34.4	3,000	30.5	26.3 - 34.8	3,400	22.8	16.8 - 28.8	400



## Youth Depression in the Past 12 Months, for State and Selected Ethnicities, for Students in Grades 9-12, by School Type, Grade Level, Gender, for the Year 2011

Note: Weighted numbers (#), percentages and 95% confidence intervals; Students in grades 9-12; n/r (Not Reportable) - Represents cell size restriction of unweighted respondents < 100; n/a (Not Available) - Not asked of a subset of respondents; Question not asked of middle school students in 2011.

Note: Youths in grades 9-12 who felt sad or hopeless almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the past 12 months.

### High School

**Year: 2011**

State	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#
Hawaii State	29.5	27.4 - 31.6	12,700	27.7	21.7 - 33.8	1,700	30.5	26.6 - 34.4	3,000	30.5	26.3 - 34.8	3,400	22.8	16.8 - 28.8	400

Grade Level	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#
9th Grade	29.8	25.5 - 34.0	3,700	n/r	n/r	n/r	27.7	19.8 - 35.5	800	28.7	18.4 - 39.0	1,000	n/r	n/r	n/r
10th Grade	27.2	23.4 - 30.9	3,000	26.4	20.5 - 32.4	400	28.4	21.7 - 35.1	700	32.8	24.8 - 40.9	800	n/r	n/r	n/r
11th Grade	29.9	24.5 - 35.3	3,000	30.4	14.0 - 46.9	500	31.2	22.5 - 40.0	700	32.5	22.8 - 42.1	800	n/r	n/r	n/r
12th Grade	31.6	28.1 - 35.1	3,000	n/r	n/r	n/r	34.9	28.2 - 41.6	800	29.1	22.2 - 36.0	800	n/r	n/r	n/r

## Youth Depression in the Past 12 Months, for State and Selected Ethnicities, for Students in Grades 9-12, by School Type, Grade Level, Gender, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Students in grades 9-12; n/r (Not Reportable) - Represents cell size restriction of unweighted respondents < 100; n/a (Not Available) - Not asked of a subset of respondents; Question not asked of middle school students in 2011.*

*Note: Youths in grades 9-12 who felt sad or hopeless almost every day for 2 or more weeks in a row so that they stopped doing some usual activities during the past 12 months.*

### High School

**Year: 2011**

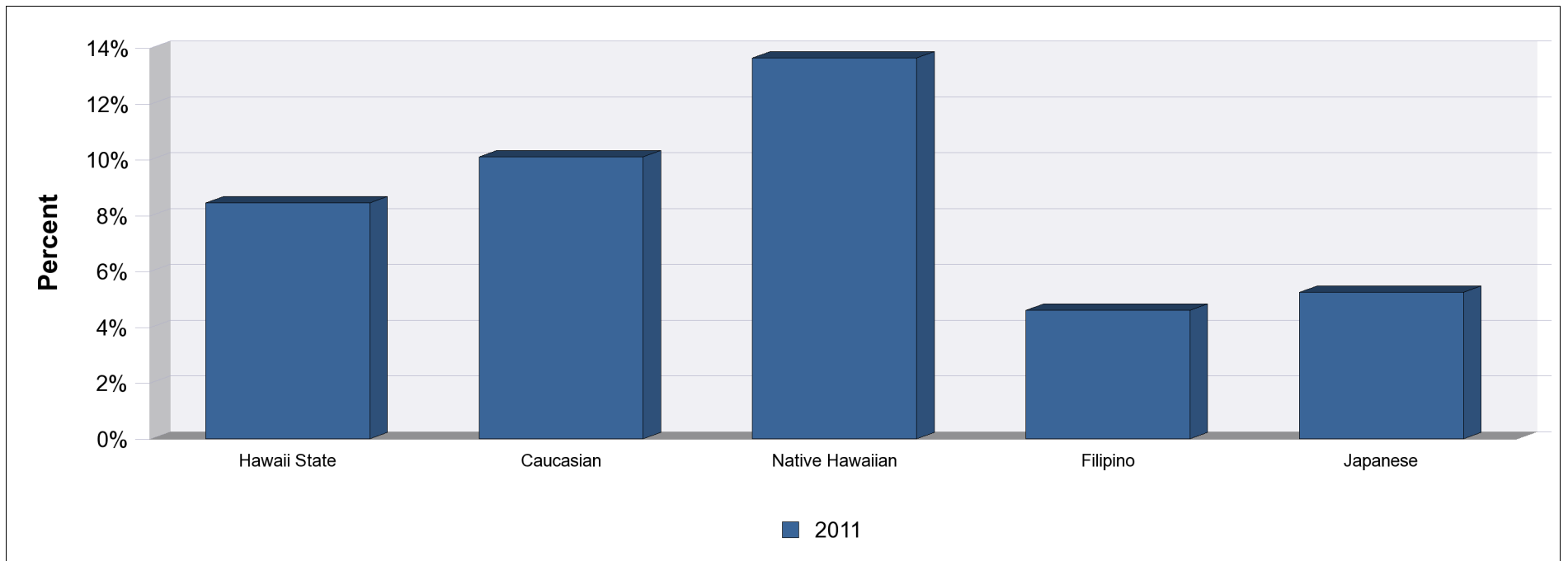
Gender	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#
<b>Male</b>	23.5	21.0 - 25.9	5,000	16.2	9.9 - 22.5	400	23.9	19.7 - 28.0	1,100	28.3	22.2 - 34.4	1,700	19.3	8.8 - 29.8	100
<b>Female</b>	35.2	31.7 - 38.7	7,700	37.1	24.7 - 49.4	1,200	36.0	29.7 - 42.2	1,900	33.2	28.0 - 38.5	1,600	25.3	18.2 - 32.3	300

## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, Trend by Year, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Respondents aged 18 years and older;  
n/r (Not Reportable) - Represents cell size restriction of unweighted respondents < 50; n/a (Not Available) - Not asked of a subset of respondents*

*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

Year	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#	%	C.I.(95%)	#
2011	8.5	7.5 - 9.5	87,400	10.1	8.3 - 11.9	35,200	13.6	10.2 - 17.1	14,900	4.6	2.6 - 6.6	8,600	5.2	3.9 - 6.6	11,400



## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Respondents aged 18 years and older;  
n/r (Not Reportable) - Represents cell size restriction of unweighted respondents < 50; n/a (Not Available) - Not asked of a subset of respondents*

*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

State	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Totals</b>	8.5	7.5 - 9.5	87,400	10.1	8.3 - 11.9	35,200	13.6	10.2 - 17.1	14,900	4.6	2.6 - 6.6	8,600	5.2	3.9 - 6.6	11,400

County	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Hawaii</b>	10.0	8.1 - 11.9	14,600	10.9	8.1 - 13.8	7,300	17.8	10.7 - 24.9	4,000	4.6	1.2 - 7.9	700	6.3	3.2 - 9.3	1,500
<b>Honolulu</b>	8.1	6.8 - 9.4	58,500	10.3	7.5 - 13.0	21,500	11.6	7.0 - 16.2	7,700	4.4	1.8 - 7.0	5,900	5.0	3.4 - 6.6	8,500
<b>Kauai</b>	9.2	5.9 - 12.5	4,700	9.1	4.9 - 13.3	2,000	26.2	7.5 - 45.0	1,500	2.7	0.0 - 5.3	300	7.3	1.3 - 13.3	600
<b>Maui</b>	8.3	6.5 - 10.0	9,700	8.8	6.1 - 11.4	4,400	11.7	5.7 - 17.6	1,700	6.8	3.2 - 10.4	1,700	4.9	1.7 - 8.0	800

## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Respondents aged 18 years and older;  
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*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

Gender	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Male</b>	7.3	6.0 - 8.7	37,800	8.3	6.2 - 10.3	15,200	13.6	8.0 - 19.2	7,100	3.2	1.2 - 5.2	2,600	5.3	3.3 - 7.3	5,300
<b>Female</b>	9.6	8.1 - 11.0	49,600	12.2	9.1 - 15.2	20,000	13.7	9.6 - 17.8	7,800	5.7	2.6 - 8.8	6,000	5.2	3.4 - 7.0	6,000

BRFSS Age Group	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>18-24</b>	6.7	3.5 - 9.8	8,200	5.2	1.2 - 9.1	1,900	8.2	1.2 - 15.3	1,400	4.1	0.0 - 9.1	1,000	n/r	n/r	n/r
<b>25-34</b>	10.4	7.5 - 13.3	20,200	10.8	5.5 - 16.1	7,100	19.2	10.8 - 27.6	5,000	4.2	0.7 - 7.8	1,700	9.9	2.5 - 17.3	2,200
<b>35-44</b>	10.1	6.9 - 13.2	17,400	14.6	8.3 - 20.8	8,600	13.9	4.2 - 23.5	3,100	7.1	0.2 - 14.0	2,900	3.1	0.2 - 6.1	700
<b>45-54</b>	10.0	7.6 - 12.3	17,800	11.3	7.3 - 15.2	7,500	17.0	9.0 - 24.9	2,400	2.3	0.2 - 4.5	700	6.5	3.1 - 10.0	2,600
<b>55-64</b>	9.5	7.8 - 11.2	15,200	12.2	9.3 - 15.0	7,100	17.5	8.7 - 26.4	2,200	5.1	1.3 - 8.9	1,200	7.4	4.4 - 10.4	3,500
<b>65-74</b>	4.3	3.0 - 5.7	4,300	4.9	2.5 - 7.2	1,600	5.1	1.7 - 8.5	500	6.3	0.9 - 11.6	1,000	2.0	0.4 - 3.5	600
<b>75+</b>	4.1	2.8 - 5.3	4,100	5.0	2.3 - 7.7	1,400	3.9	0.0 - 8.7	200	1.5	0.3 - 2.8	200	3.7	1.8 - 5.7	1,400

## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

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*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

Education Level	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
Never attended school/ Only Kindergarten to Grades 8	4.3	1.1 - 7.5	1,000	n/r	n/r	n/r	n/r	n/r	n/r	1.7	0.0 - 3.9	300	n/r	n/r	n/r
Grades 9 thru 11 (Some High School)	13.4	8.1 - 18.8	10,600	10.5	2.6 - 18.5	3,000	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
Grades 12 or GED (High School Grad)	9.2	7.1 - 11.2	28,900	12.0	7.6 - 16.4	10,900	14.2	9.8 - 18.6	6,800	5.2	2.3 - 8.0	3,300	3.5	1.8 - 5.2	2,100
College 1 to 3 years (Some College/ Tech)	8.5	6.7 - 10.3	28,800	11.9	8.5 - 15.2	13,600	8.7	4.5 - 13.0	2,900	5.8	0.9 - 10.6	3,500	5.5	2.7 - 8.3	4,000
College 4 years or more (College Grad)	6.5	5.4 - 7.6	18,100	6.7	5.0 - 8.3	7,400	8.6	2.5 - 14.8	1,100	3.2	1.2 - 5.3	1,000	6.4	4.2 - 8.7	4,700



## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Respondents aged 18 years and older;  
n/r (Not Reportable) - Represents cell size restriction of unweighted respondents < 50; n/a (Not Available) - Not asked of a subset of respondents*

*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

Employment Status	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Employed for wages</b>	6.9	5.6 - 8.2	35,400	9.4	6.5 - 12.4	15,200	12.2	7.8 - 16.5	6,300	2.8	1.4 - 4.3	3,100	5.5	3.4 - 7.7	6,000
<b>Self-Employed</b>	9.7	5.9 - 13.5	9,400	10.3	5.7 - 14.9	5,100	1.3	0.0 - 3.2	100	17.3	0.0 - 40.1	1,900	10.4	2.6 - 18.2	1,200
<b>Not Employed</b>	17.6	11.6 - 23.6	13,500	20.8	11.6 - 30.0	4,500	20.0	9.4 - 30.6	3,300	9.6	0.9 - 18.3	1,200	n/r	n/r	n/r
<b>Retired</b>	4.5	3.4 - 5.6	8,700	5.2	3.3 - 7.2	3,100	8.9	2.4 - 15.5	1,200	3.6	0.5 - 6.7	1,000	3.6	2.1 - 5.2	2,500
<b>Unable to work</b>	27.5	19.6 - 35.5	10,400	28.3	18.2 - 38.4	4,200	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
<b>Student</b>	6.1	2.9 - 9.4	3,600	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
<b>Homemaker</b>	10.9	5.9 - 16.0	6,300	10.7	2.2 - 19.3	2,600	n/r	n/r	n/r	n/r	n/r	n/r	5.8	0.0 - 11.8	600

## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Respondents aged 18 years and older;  
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*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

Employment Status (Grouped)	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Employed</b>	7.3	6.1 - 8.6	44,800	9.6	7.2 - 12.1	20,300	10.7	6.9 - 14.5	6,400	4.2	1.5 - 6.9	5,000	6.0	3.9 - 8.1	7,200
<b>Unemployed</b>	17.6	11.6 - 23.6	13,500	20.8	11.6 - 30.0	4,500	20.0	9.4 - 30.6	3,300	9.6	0.9 - 18.3	1,200	n/r	n/r	n/r
<b>Retired/Unable to work</b>	8.3	6.7 - 10.0	19,100	9.8	7.3 - 12.3	7,200	19.7	9.3 - 30.1	3,900	4.1	1.3 - 7.0	1,400	4.5	2.8 - 6.2	3,300
<b>Student/Homemaker</b>	8.5	5.5 - 11.6	9,900	7.4	2.1 - 12.7	3,100	9.9	1.9 - 17.9	1,200	5.0	0.3 - 9.7	1,100	3.7	0.0 - 7.5	600

## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

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*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

Marital Status	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Married</b>	7.6	6.2 - 8.9	38,100	10.0	7.3 - 12.6	17,600	10.9	6.8 - 15.0	4,700	4.5	1.4 - 7.6	4,400	5.0	3.3 - 6.7	5,500
<b>Unmarried Couple</b>	9.2	5.0 - 13.5	4,300	7.2	1.7 - 12.7	1,500	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
<b>Separated</b>	25.2	9.9 - 40.5	3,700	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r	n/r
<b>Divorced</b>	8.4	6.1 - 10.6	7,900	8.9	5.9 - 11.8	3,700	13.9	6.5 - 21.2	1,300	9.9	0.0 - 20.7	800	3.4	0.8 - 6.0	700
<b>Widowed</b>	6.2	4.5 - 7.9	4,700	10.1	5.5 - 14.6	1,900	11.6	5.1 - 18.2	900	1.9	0.1 - 3.7	300	3.0	1.0 - 5.0	700
<b>Never Married</b>	9.6	7.3 - 11.8	28,500	11.7	7.3 - 16.2	10,200	10.6	5.4 - 15.9	3,900	4.9	1.7 - 8.0	2,700	7.2	3.7 - 10.7	4,200

Poverty Level	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>0-130%</b>	10.8	8.4 - 13.1	17,700	14.4	9.4 - 19.4	5,500	17.7	10.5 - 24.8	5,000	3.9	1.3 - 6.6	2,000	4.6	1.2 - 8.1	1,000
<b>131-185%</b>	10.3	6.4 - 14.1	11,700	10.6	5.9 - 15.3	3,500	15.4	4.7 - 26.1	2,000	8.3	0.0 - 18.3	2,300	4.6	1.7 - 7.5	1,200
<b>186+%</b>	6.6	5.1 - 8.1	29,700	9.2	6.3 - 12.1	15,700	4.0	0.9 - 7.0	1,200	2.2	0.5 - 3.9	1,200	4.9	2.9 - 6.8	6,000

## Adults whose Mental Health was Not Good 14+ of the Past 30 Days, for State and Selected Ethnicities, by County, Gender, BRFSS Age Group, Education Level, Employment Status, Marital Status, Poverty Level, Healthcare Coverage, for the Year 2011

*Note: Weighted numbers (#), percentages and 95% confidence intervals; Respondents aged 18 years and older;  
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*Survey question: "Now, thinking about your mental health, which includes stress, depression and problems with emotions, for how many days during the past 30 days was your mental health not good?"*

**Year: 2011**

Health Care Coverage	Hawaii State			Caucasian			Native Hawaiian			Filipino			Japanese		
	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#	%	C.I. (95%)	#
<b>Yes</b>	8.3	7.3 - 9.4	77,800	10.2	8.2 - 12.1	32,500	14.8	11.0 - 18.6	13,700	4.4	2.3 - 6.6	7,400	5.1	3.8 - 6.4	10,400
<b>No</b>	9.9	6.2 - 13.7	9,600	9.8	5.3 - 14.3	2,700	7.6	0.3 - 14.9	1,200	6.0	0.7 - 11.3	1,200	8.9	0.0 - 18.8	1,000