

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
(Among Those Who Currently Have Asthma) by Year Total, BRFSS Age Group, County, County and Community,
DOH Race-Ethnicity, Education Level, Employment Status (Grouped), Gender, Household Income, Island,
Marital Status (Grouped), Poverty Level, for the Years - 2003-2005**

Note: n/r (Not Reportable) - Represents cell size restriction of unweighted count < 50; n/a (Not Available) - Not asked of a subset of respondents; If a dimension value is unknown for a particular survey record, that record will not be included in the counts for that particular dimension

This report displays weighted numbers, percentages and confidence intervals for BRFSS Health Indicators. Respondents are aged 18 or older. The trend analysis page shows the trend for the selected health variable over selected years in a table and a graph. Estimated Adult Population: This number is a weighted representation of the adult population who responded to a particular question in the survey. For most questions the estimated adult population will be the entire adult population. For some secondary questions only a subset of the population was asked the question. For example, all survey participants were asked if they had diabetes, but only those who answered yes were asked if they use insulin.

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

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

[Click here to access BRFSS documentation](#)

[Click here to access Hawaii Data Guide](#)

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

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

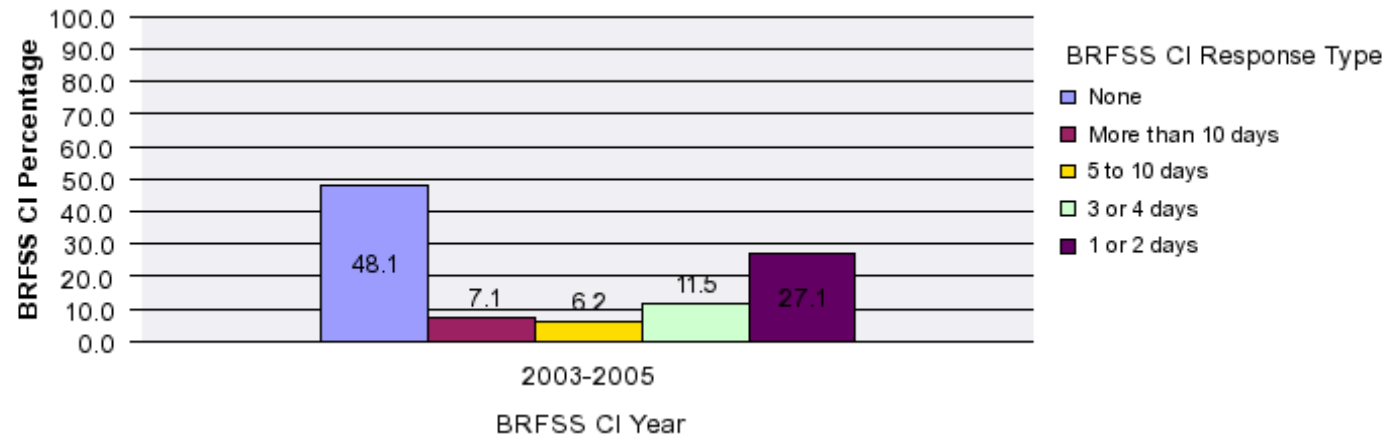
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During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep (Among Those Who Currently Have Asthma) by Year Total, BRFSS Age Group, County, County and Community, DOH Race-Ethnicity, Education Level, Employment Status (Grouped), Gender, Household Income, Island, Marital Status (Grouped), Poverty Level, for the Years - 2003-2005

Note: Weighted numbers(#), percentages and 95% confidence intervals . Respondents are aged 18 or older. Unknowns, Don't Know/Not Sure and Refused are excluded.; n/r (Not Reportable) - Represents cell size restriction of unweighted count < 50; n/a (Not Available) - Not asked of a particular subset of respondents

| Year | None | | | More than 10 days | | | 5 to 10 days | | | 3 or 4 days | | | 1 or 2 days | | | Estimated Adult Population |
|-----------|--------|------|-------------|-------------------|-----|------------|--------------|-----|-----------|-------------|------|------------|-------------|------|-------------|----------------------------|
| | # | % | C.I.(95%) | # | % | C.I.(95%) | # | % | C.I.(95%) | # | % | C.I.(95%) | # | % | C.I.(95%) | # |
| 2003-2005 | 58,497 | 48.1 | 41.5 - 54.8 | 8,585 | 7.1 | 3.5 - 10.6 | 7,575 | 6.2 | 3.5 - 8.9 | 14,000 | 11.5 | 7.0 - 16.0 | 32,930 | 27.1 | 21.3 - 32.8 | 121,587 |



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Years: 2003-2005

| Year Total | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|------------|-------------|------|-------------|-------------|------|------------|--------------|-----|------------|-------------------|-----|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| State | 32,930 | 27.1 | 21.3 - 32.8 | 14,000 | 11.5 | 7.0 - 16.0 | 7,575 | 6.2 | 3.5 - 8.9 | 8,585 | 7.1 | 3.5 - 10.6 | 58,497 | 48.1 | 41.5 - 54.8 | 121,587 |

| County | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|----------|-------------|------|-------------|-------------|------|------------|--------------|------|------------|-------------------|------|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Hawaii | 5,267 | 25.1 | 14.0 - 36.2 | 3,393 | 16.2 | 6.9 - 25.5 | 3,348 | 16.0 | 5.8 - 26.1 | 1,471 | 7.0 | 1.9 - 12.2 | 7,501 | 35.8 | 24.7 - 46.8 | 20,980 |
| Honolulu | 22,487 | 29.1 | 21.0 - 37.2 | 6,130 | 7.9 | 3.2 - 12.7 | 2,435 | 3.2 | .5 - 5.8 | 5,373 | 7.0 | 1.7 - 12.2 | 40,774 | 52.8 | 43.6 - 62.0 | 77,199 |
| Kauai | 1,055 | 15.9 | 4.7 - 27.0 | 623 | 9.4 | .0 - 19.9 | 527 | 7.9 | .0 - 17.6 | 762 | 11.4 | 2.4 - 20.5 | 3,688 | 55.4 | 39.3 - 71.6 | 6,655 |
| Maui | 4,023 | 26.4 | 12.8 - 39.9 | 3,755 | 24.6 | 4.6 - 44.6 | 1,265 | 8.3 | 1.3 - 15.3 | 980 | 6.4 | .6 - 12.3 | 5,231 | 34.3 | 19.4 - 49.1 | 15,254 |

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Years: 2003-2005

| BRFSS Age Group | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|-----------------|-------------|------|-------------|-------------|-----|------------|--------------|-----|------------|-------------------|------|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| 18-24 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 15,019 |
| 25-34 | 9,932 | 41.0 | 26.6 - 55.5 | 2,124 | 8.8 | 1.7 - 15.9 | 1,460 | 6.0 | .0 - 12.1 | 2,248 | 9.3 | .9 - 17.7 | 8,455 | 34.9 | 20.8 - 49.0 | 24,219 |
| 35-44 | 4,242 | 19.3 | 7.8 - 30.9 | 2,112 | 9.6 | .0 - 20.1 | 1,524 | 7.0 | .0 - 15.1 | 193 | 0.9 | .0 - 2.1 | 13,852 | 63.2 | 48.3 - 78.0 | 21,923 |
| 45-54 | 5,610 | 28.1 | 16.0 - 40.1 | 1,921 | 9.6 | .4 - 18.8 | 1,102 | 5.5 | 1.1 - 9.9 | 746 | 3.7 | .3 - 7.1 | 10,610 | 53.1 | 38.7 - 67.4 | 19,989 |
| 55-64 | 5,240 | 25.6 | 12.3 - 38.8 | 1,718 | 8.4 | 2.3 - 14.4 | 2,020 | 9.9 | 1.0 - 18.7 | 3,754 | 18.3 | 3.0 - 33.7 | 7,759 | 37.9 | 24.1 - 51.6 | 20,491 |
| 65-74 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 10,591 |
| 75+ | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 8,607 |

| DOH Race -Ethnicity | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|---------------------|-------------|--|--|-------------|--|--|--------------|--|--|-------------------|--|--|------|--|--|----------------------------|
|---------------------|-------------|--|--|-------------|--|--|--------------|--|--|-------------------|--|--|------|--|--|----------------------------|

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
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DOH Race-Ethnicity, Education Level, Employment Status (Grouped), Gender, Household Income, Island, Marital
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Years: 2003-2005

| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
|--|--------|------|-------------|-------|------|------------|-------|-----|------------|-------|------|------------|--------|------|-------------|--------|
| Black | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Chinese | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 6,352 |
| Filipino | 2,509 | 14.2 | 3.0 - 25.3 | 976 | 5.5 | .4 - 10.7 | 864 | 4.9 | .0 - 10.0 | 1,205 | 6.8 | .0 - 18.1 | 12,178 | 68.7 | 51.3 - 86.0 | 17,732 |
| Japanese | 7,554 | 37.3 | 21.0 - 53.5 | 1,088 | 5.4 | .0 - 11.5 | 730 | 3.6 | .0 - 7.5 | 366 | 1.8 | .0 - 4.5 | 10,537 | 52.0 | 35.6 - 68.4 | 20,275 |
| Native Alaskan/ American Indian | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Native Hawaiian | 5,862 | 32.8 | 16.1 - 49.5 | 2,975 | 16.7 | .0 - 34.6 | 1,700 | 9.5 | 2.3 - 16.7 | 3,553 | 19.9 | 2.7 - 37.0 | 3,772 | 21.1 | 8.5 - 33.7 | 17,862 |
| Other | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 6,274 |
| Other Asian | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Other Pacific Islander | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| White | 10,868 | 22.7 | 14.9 - 30.5 | 7,480 | 15.6 | 8.3 - 23.0 | 3,156 | 6.6 | 2.0 - 11.2 | 2,080 | 4.3 | 1.9 - 6.8 | 24,280 | 50.7 | 41.4 - 60.0 | 47,864 |

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Years: 2003-2005

| Gender | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|--------|-------------|------|-------------|-------------|------|------------|--------------|-----|------------|-------------------|-----|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Female | 22,977 | 27.1 | 20.6 - 33.5 | 9,694 | 11.4 | 6.9 - 16.0 | 5,227 | 6.2 | 3.0 - 9.3 | 6,027 | 7.1 | 3.4 - 10.8 | 40,946 | 48.2 | 40.8 - 55.7 | 84,871 |
| Male | 9,952 | 27.1 | 15.2 - 39.0 | 4,306 | 11.7 | 1.3 - 22.2 | 2,347 | 6.4 | 1.0 - 11.8 | 2,558 | 7.0 | .0 - 15.0 | 17,551 | 47.8 | 34.0 - 61.6 | 36,714 |

| County and Community | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|----------------------|-------------|-----|------------|-------------|-----|------------|--------------|-----|------------|-------------------|-----|------------|------|-----|------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Hawaii-Hilo | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 5,633 |
| Hawaii-Kona | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 4,074 |
| Hawaii-N.Hawaii | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 3,536 |
| Hawaii-Puna/ Kau | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 7,738 |

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Years: 2003-2005

| County and Community | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|-----------------------------------|-------------|-----|------------|-------------|-----|------------|--------------|-----|------------|-------------------|-----|------------|------|-----|------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Honolulu-Aiea/ Pearl City | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 8,614 |
| Honolulu-Ala Moana | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Honolulu-Kaaawa/ Kahaluu/ Kaneohe | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 7,884 |
| Honolulu-Kailua/ Waimanalo | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 7,420 |
| Honolulu-Kaimuki/ Palolo/ Waikiki | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 7,623 |
| Honolulu-Manoa/ Upper Makiki | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Honolulu-Mililani/ Wahiawa | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 10,576 |
| Honolulu-Nanakuli/ Waianae | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Honolulu-N.Shore/ Laie | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |

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Years: 2003-2005

| County and Community | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|--|-------------|-----|------------|-------------|-----|------------|--------------|-----|------------|-------------------|-----|------------|------|-----|------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Honolulu-Nuuanu/ Kalihi/ Moanalua | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 4,602 |
| Honolulu-Salt Lake/ Foster Village | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Honolulu-Waiialae/ Kahala/ Hawaii Kai | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| Honolulu-Waipahu/ Kapolei/ Ewa | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 14,555 |
| Kauai-Hanalei/ Kapaa | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 3,647 |
| Kauai-Lihue-Waimea | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 3,007 |
| Maui-Kahului | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 4,170 |
| Maui-Lahaina/ Wailuku | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 3,007 |
| Maui-Lanai | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 275 |

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Years: 2003-2005

| County and Community | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|----------------------|-------------|-----|------------|-------------|-----|------------|--------------|-----|------------|-------------------|-----|------------|------|-----|------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Maui-Molokai | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 621 |
| Maui-Upcountry/ Hana | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 7,184 |

| Employment Status(Grouped) | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|----------------------------|-------------|------|-------------|-------------|-----|------------|--------------|-----|------------|-------------------|------|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Employed | 21,160 | 30.1 | 22.3 - 38.0 | 6,825 | 9.7 | 4.9 - 14.6 | 4,543 | 6.5 | 3.1 - 9.8 | 2,015 | 2.9 | 1.1 - 4.6 | 35,659 | 50.8 | 42.4 - 59.1 | 70,202 |
| Unemployed | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 7,257 |
| Student/Homemaker | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 13,206 |
| Retired/Unable to work | 5,553 | 18.0 | 9.1 - 26.8 | 2,682 | 8.7 | 2.3 - 15.0 | 2,838 | 9.2 | 1.9 - 16.4 | 5,188 | 16.8 | 5.8 - 27.7 | 14,660 | 47.4 | 33.2 - 61.6 | 30,921 |

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Years: 2003-2005

| Education Level | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|--|-------------|------|-------------|-------------|------|------------|--------------|-----|------------|-------------------|-----|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Grades 9 thru 11 (Some High School) | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 9,704 |
| Grades 12 or GED (High School Grad) | 8,208 | 23.4 | 13.3 - 33.5 | 3,868 | 11.0 | 3.1 - 19.0 | 3,269 | 9.3 | 2.2 - 16.5 | 2,400 | 6.9 | 1.0 - 12.7 | 17,269 | 49.3 | 36.2 - 62.4 | 35,014 |
| College 1 to 3 years (Some College/ Tech) | 14,548 | 39.5 | 28.1 - 50.9 | 2,869 | 7.8 | 1.9 - 13.7 | 1,822 | 5.0 | 1.5 - 8.4 | 2,307 | 6.3 | 2.5 - 10.1 | 15,258 | 41.5 | 30.5 - 52.4 | 36,804 |
| College 4 years or more (College Grad) | 8,089 | 21.5 | 12.6 - 30.3 | 3,829 | 10.2 | 4.2 - 16.1 | 2,305 | 6.1 | 1.8 - 10.5 | 1,758 | 4.7 | .0 - 10.2 | 21,727 | 57.6 | 46.7 - 68.6 | 37,708 |
| Never attended school/ Only Kindergarten to Grades 8 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
(Among Those Who Currently Have Asthma) by Year Total, BRFSS Age Group, County, County and Community,
DOH Race-Ethnicity, Education Level, Employment Status (Grouped), Gender, Household Income, Island, Marital
Status (Grouped), Poverty Level, for the Years - 2003-2005**

Note: Weighted numbers(#), percentages and 95% confidence intervals . Respondents are aged 18 or older. Unknowns, Don't Know/Not Sure and Refused are excluded.; n/r (Not Reportable) - Represents cell size restriction of unweighted count < 50; n/a (Not Available) - Not asked of a particular subset of respondents

Years: 2003-2005

| Household Income | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|----------------------|-------------|------|-------------|-------------|------|------------|--------------|-----|------------|-------------------|-----|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Less than \$10,000 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 5,625 |
| \$10,000 to \$14,999 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 5,617 |
| \$15,000 to \$19,999 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 10,196 |
| \$20,000 to \$24,999 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 5,435 |
| \$25,000 to \$34,999 | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 13,486 |
| \$35,000 to \$49,999 | 5,201 | 31.1 | 14.0 - 48.1 | 2,148 | 12.8 | 3.3 - 22.3 | 394 | 2.4 | .0 - 5.9 | 1,469 | 8.8 | .0 - 19.0 | 7,528 | 45.0 | 27.3 - 62.6 | 16,740 |
| \$50,000 to \$74,999 | 6,735 | 27.5 | 12.8 - 42.2 | 1,155 | 4.7 | .5 - 9.0 | 2,148 | 8.8 | .3 - 17.2 | 766 | 3.1 | .0 - 6.6 | 13,690 | 55.9 | 39.9 - 71.9 | 24,494 |
| \$75,000 or more | 6,744 | 27.8 | 15.3 - 40.3 | 2,740 | 11.3 | 1.3 - 21.3 | 1,125 | 4.6 | .5 - 8.8 | 279 | 1.1 | .0 - 3.4 | 13,384 | 55.1 | 41.4 - 68.9 | 24,272 |

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
(Among Those Who Currently Have Asthma) by Year Total, BRFSS Age Group, County, County and Community,
DOH Race-Ethnicity, Education Level, Employment Status (Grouped), Gender, Household Income, Island, Marital
Status (Grouped), Poverty Level, for the Years - 2003-2005**

Note: Weighted numbers(#), percentages and 95% confidence intervals . Respondents are aged 18 or older. Unknowns, Don't Know/Not Sure and Refused are excluded.; n/r (Not Reportable) - Represents cell size restriction of unweighted count < 50; n/a (Not Available) - Not asked of a particular subset of respondents

Years: 2003-2005

| Island | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|---------|-------------|------|-------------|-------------|------|------------|--------------|------|------------|-------------------|------|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Hawaii | 5,267 | 25.1 | 14.1 - 36.1 | 3,393 | 16.2 | 6.9 - 25.4 | 3,348 | 16.0 | 5.9 - 26.0 | 1,471 | 7.0 | 1.9 - 12.1 | 7,501 | 35.8 | 24.7 - 46.8 | 20,980 |
| Kauai | 1,055 | 15.9 | 4.9 - 26.8 | 623 | 9.4 | .0 - 19.6 | 527 | 7.9 | .0 - 17.4 | 762 | 11.4 | 2.6 - 20.3 | 3,688 | 55.4 | 39.6 - 71.3 | 6,655 |
| Lanai | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 275 |
| Maui | 3,733 | 26.0 | 11.9 - 40.1 | 3,520 | 24.5 | 3.6 - 45.5 | 1,265 | 8.8 | 1.4 - 16.2 | 980 | 6.8 | .7 - 13.0 | 4,862 | 33.9 | 18.4 - 49.3 | 14,360 |
| Molokai | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 621 |
| Oahu | 22,487 | 29.1 | 21.1 - 37.2 | 6,130 | 7.9 | 3.2 - 12.7 | 2,435 | 3.2 | .5 - 5.8 | 5,373 | 7.0 | 1.7 - 12.2 | 40,774 | 52.8 | 43.7 - 62.0 | 77,199 |

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
(Among Those Who Currently Have Asthma) by Year Total, BRFSS Age Group, County, County and Community,
DOH Race-Ethnicity, Education Level, Employment Status (Grouped), Gender, Household Income, Island, Marital
Status (Grouped), Poverty Level, for the Years - 2003-2005**

Note: Weighted numbers(#), percentages and 95% confidence intervals . Respondents are aged 18 or older. Unknowns, Don't Know/Not Sure and Refused are excluded.; n/r (Not Reportable) - Represents cell size restriction of unweighted count < 50; n/a (Not Available) - Not asked of a particular subset of respondents

Years: 2003-2005

| Marital Status(Grouped) | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|-------------------------|-------------|------|-------------|-------------|------|-------------|--------------|-----|------------|-------------------|-----|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| Other | 10,829 | 25.3 | 16.1 - 34.5 | 9,042 | 21.1 | 10.7 - 31.5 | 3,352 | 7.8 | 2.8 - 12.8 | 4,229 | 9.9 | 2.0 - 17.8 | 15,400 | 35.9 | 25.4 - 46.5 | 42,852 |
| Married | 19,402 | 29.8 | 21.7 - 37.9 | 4,723 | 7.3 | 3.4 - 11.1 | 3,574 | 5.5 | 1.8 - 9.2 | 2,776 | 4.3 | .7 - 7.8 | 34,594 | 53.2 | 44.3 - 62.0 | 65,069 |
| Unmarried Couple | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 4,454 |
| Widowed | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 9,210 |

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
(Among Those Who Currently Have Asthma) by Year Total, BRFSS Age Group, County, County and Community,
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Status (Grouped), Poverty Level, for the Years - 2003-2005**

Note: Weighted numbers(#), percentages and 95% confidence intervals . Respondents are aged 18 or older. Unknowns, Don't Know/Not Sure and Refused are excluded.; n/r (Not Reportable) - Represents cell size restriction of unweighted count < 50; n/a (Not Available) - Not asked of a particular subset of respondents

Years: 2003-2005

| Poverty Level | 1 or 2 days | | | 3 or 4 days | | | 5 to 10 days | | | More than 10 days | | | None | | | Estimated Adult Population |
|---------------|-------------|------|-------------|-------------|-----|------------|--------------|-----|------------|-------------------|-----|------------|--------|------|-------------|----------------------------|
| | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # | % | C.I. (95%) | # |
| 1-50% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 8,618 |
| 51-100% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 13,527 |
| 101-120% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 5,850 |
| 121-130% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 2,105 |
| 131-150% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| 151-170% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | 8,554 |
| 171-180% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| 181-185% | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r | n/r |
| 186+% | 16,602 | 25.5 | 17.6 - 33.3 | 6,023 | 9.2 | 4.5 - 14.0 | 4,100 | 6.3 | 2.5 - 10.0 | 2,428 | 3.7 | 1.5 - 5.9 | 36,064 | 55.3 | 46.7 - 63.9 | 65,217 |

**During the Past 30 Days, How Many Days Did Symptoms of Asthma Make It Difficult for You to Stay Asleep
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Years: 2003-2005