

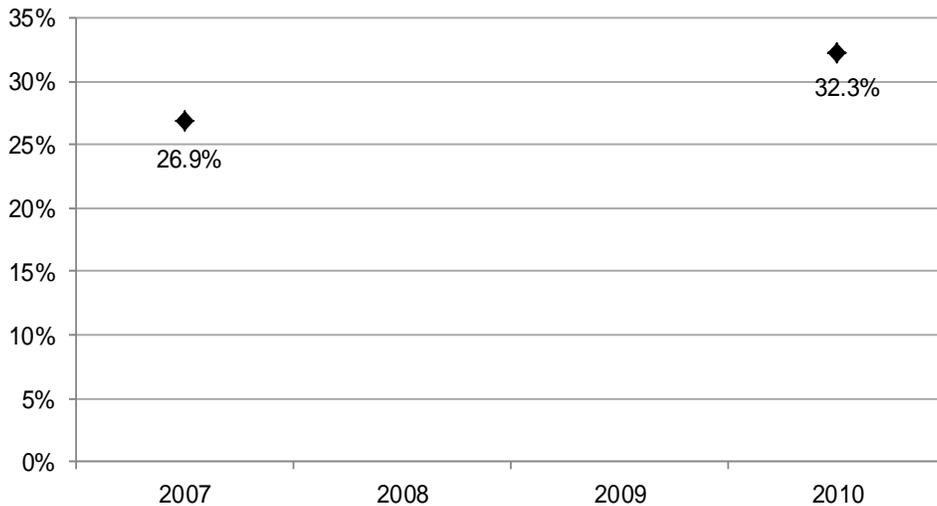
# Sunblock Use

**Definition:** Respondents who answered “always” or “nearly always” to the question: “When you are outside for more than one hour on a sunny day, how often do you wear sunblock or sunscreen with an SPF of 15 or higher?”

## Prevalence of Sunblock Use

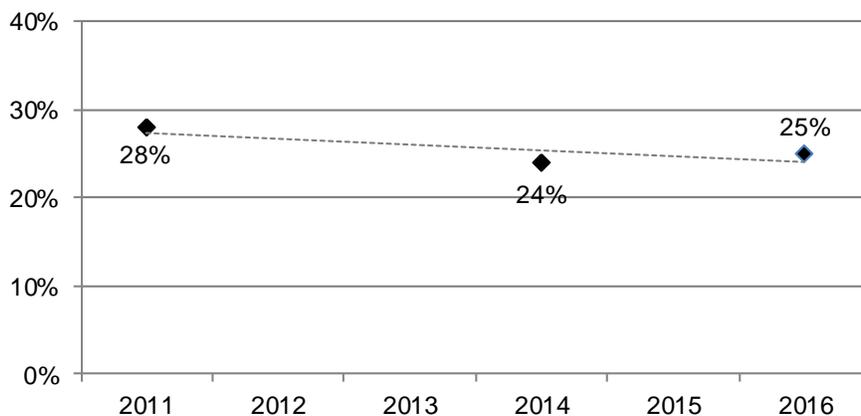
- South Dakota 25%
- There is no nationwide median for sunblock use

**Figure 101**  
**Percent of Respondents Who Use Sunblock Most of the Time, 2007 and 2010**



Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2007 and 2010

**Figure 102**  
**Percent of Respondents Who Use Sunblock Most of the Time, 2011, 2014, and 2016**



Note: Beginning in 2011, the CDC began using a different methodology to weight the data, therefore current data estimates cannot be compared to previous years.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2011, 2014, and 2016

**Table 57**  
**Respondents Who Use Sunblock Most of the Time, 2014 and 2016**

|                              |                                       |           | 95% Confidence Interval |       |
|------------------------------|---------------------------------------|-----------|-------------------------|-------|
|                              |                                       | 2014-2016 | Low                     | High  |
| <b>Gender</b>                | Male                                  | 14%       | 12.4%                   | 15.4% |
|                              | Female                                | 36%       | 33.7%                   | 37.9% |
| <b>Age</b>                   | 18-29                                 | 17%       | 14.0%                   | 20.5% |
|                              | 30-39                                 | 26%       | 22.5%                   | 29.8% |
|                              | 40-49                                 | 29%       | 25.4%                   | 32.6% |
|                              | 50-59                                 | 25%       | 22.7%                   | 28.4% |
|                              | 60-69                                 | 26%       | 23.1%                   | 29.0% |
|                              | 70-79                                 | 28%       | 24.5%                   | 32.1% |
|                              | 80+                                   | 23%       | 18.7%                   | 28.3% |
| <b>Race</b>                  | White                                 | 26%       | 24.8%                   | 27.7% |
|                              | American Indian                       | 14%       | 10.5%                   | 17.2% |
| <b>Ethnicity</b>             | Hispanic                              | 21%       | 11.2%                   | 36.0% |
|                              | Non-Hispanic                          | 25%       | 23.3%                   | 26.0% |
| <b>Household Income</b>      | Less than \$35,000                    | 19%       | 17.0%                   | 21.7% |
|                              | \$35,000-\$74,999                     | 26%       | 23.8%                   | 28.6% |
|                              | \$75,000+                             | 31%       | 28.2%                   | 33.6% |
| <b>Education</b>             | Less than High School, G.E.D.         | 12%       | 8.7%                    | 17.2% |
|                              | High School, G.E.D.                   | 19%       | 16.8%                   | 21.5% |
|                              | Some Post-High School                 | 26%       | 23.3%                   | 28.1% |
|                              | College Graduate                      | 35%       | 32.2%                   | 37.1% |
| <b>Employment Status</b>     | Employed for Wages                    | 26%       | 23.9%                   | 27.7% |
|                              | Self-employed                         | 20%       | 16.8%                   | 23.4% |
|                              | Unemployed                            | 16%       | 10.1%                   | 25.6% |
|                              | Homemaker                             | 33%       | 26.5%                   | 40.7% |
|                              | Student                               | 18%       | 11.6%                   | 28.0% |
|                              | Retired                               | 26%       | 23.7%                   | 28.8% |
| <b>Marital Status</b>        | Unable to Work                        | 22%       | 16.4%                   | 28.5% |
|                              | Married/Unmarried Couple              | 27%       | 25.8%                   | 29.3% |
|                              | Divorced/Separated                    | 20%       | 16.6%                   | 22.9% |
|                              | Widowed                               | 29%       | 25.0%                   | 34.1% |
| <b>Home Ownership Status</b> | Never Married                         | 17%       | 14.7%                   | 20.7% |
|                              | Own Home                              | 27%       | 25.6%                   | 28.7% |
| <b>Children Status</b>       | Rent Home                             | 18%       | 15.0%                   | 20.5% |
|                              | Children in Household (Ages 18-44)    | 24%       | 21.7%                   | 27.4% |
| <b>Phone Status</b>          | No Children in Household (Ages 18-44) | 20%       | 16.3%                   | 23.5% |
|                              | Landline                              | 26%       | 23.9%                   | 27.9% |
| <b>Pregnancy Status</b>      | Cell Phone                            | 24%       | 22.1%                   | 25.6% |
|                              | Pregnant (Ages 18-44)                 | *         | *                       | *     |
| <b>County</b>                | Not Pregnant (Ages 18-44)             | 33%       | 29.8%                   | 37.3% |
|                              | Minnehaha                             | 26%       | 22.1%                   | 29.3% |
|                              | Pennington                            | 32%       | 28.7%                   | 36.1% |
|                              | Lincoln                               | 29%       | 23.7%                   | 35.4% |
|                              | Brown                                 | 27%       | 22.4%                   | 32.5% |
|                              | Brookings                             | 25%       | 19.5%                   | 31.4% |
|                              | Codington                             | 21%       | 17.0%                   | 25.4% |
|                              | Meade                                 | 25%       | 20.2%                   | 29.9% |
| Lawrence                     | 28%                                   | 24.3%     | 31.0%                   |       |

Note: \*Results based on sample sizes less than 100 have been suppressed.

Source: The Behavioral Risk Factor Surveillance System, South Dakota Department of Health, 2014 and 2016

## **Demographics**

|                         |   |
|-------------------------|---|
| <b>Gender</b>           | Females exhibit a significantly higher prevalence of sunblock use than males.   |
| <b>Age</b>              | There seems to be no age difference with regard to sunblock use.  |
| <b>Race</b>             | Whites demonstrate a significantly higher prevalence of sunblock use than American Indians.   |
| <b>Ethnicity</b>        | There seems to be no difference in sunblock use with regard to ethnicity.   |
| <b>Household Income</b> | The prevalence of sunblock use increases as household income increases. This includes a significant increase as the \$35,000-\$74,999 income group is reached.                            |
| <b>Education</b>        | The prevalence of sunblock use increases as education levels increase. This includes significant increases as the some post-high school, and college graduate levels are reached.         |
| <b>Employment</b>       | Those who are employed for wages, a homemaker, or retired demonstrate a very high prevalence of sunblock use, while those who are self-employed or unemployed show a very low prevalence. |
| <b>Marital Status</b>   | Those who are married or widowed exhibit a very high prevalence of sunblock use, while those who are divorced or have never been married show a very low prevalence.                      |
| <b>Home Ownership</b>   | Those who own their home show a significantly higher prevalence of sunblock use than those who rent their home.   |
| <b>Children Status</b>  | There seems to be no difference in the prevalence of sunblock use with regard to whether children are in the household.   |
| <b>Phone Status</b>     | There seems to be no difference in the prevalence of sunblock use with regard to phone status.  |
| <b>County</b>           | Pennington county demonstrates a very high prevalence of sunblock use, while Codrington county shows a very low prevalence.   |