

# 71 Potential Leading Health Indicators for Healthy Alaskans 2020: Documenting Progress Towards 25 LHIs



## 71 Potential Leading Health Indicators for Healthy Alaskans 2020: Documenting Progress Towards 25 LHIs

The purpose of this report is to document the data and information provided to the Healthy Alaskans 2020 (HA 2020) Advisory Team members to inform their deliberations regarding recommendations for the 25 Leading Health Indicators (LHIs) that would be the focus of the Healthy Alaskans 2020 initiative. The data contained in this document are those presented to the Advisory Team April 1-2, 2013. Note that the data presented here do not reflect data revisions that routinely occur with each dataset, and that because of this there will be discrepancies between this document and other HA 2020 reports, which use the most current data.

This first section (pages 1-7) lists out all 71 Potential Leading Health Indicators (PLHIs) that were considered, the HA 2020 objective under which each falls, and notes on the 25 indicators that moved forward to become Alaska's LHIs (**highlighted in light blue**). Subsequent pages, labeled by PLHI number, display trend data and describe data sources and technical notes for each. Numbering of the PLHIs and LHIs does not denote rank or priority.

| Related Objective  | # | Potential Leading Health Indicator (PLHI)                              | What Happened?   |
|--|---|--|--|
| Reduce mortality rates from the leading causes of mortality among Alaskans | 1 | Cancer mortality rate per 100,000 population                           | Became LHI #1 for HA 2020  |
|  | 2 | Unintentional injury mortality rate per 100,000                        | Became LHI #16 for HA 2020   |
|  | 3 | Suicide mortality rate per 100,000 population                          | Became LHI #7 for HA 2020;<br>2 age-specific breakdowns: 15-24 year old rate and 25+ year rate |
| Reduce other preventable causes of mortality                               | 4 | Rate of alcohol related mortality (per 100,000 population)             | Became LHI #14 for HA 2020;<br>revised to alcohol induced mortality                            |
|  | 5 | Infant mortality rate per 1,000 births (birth to 1 year)               |  |
|  | 6 | Post-neonatal mortality rate per 1,000 live births (28 days to 1 year) |  |
| Reduce chronic conditions & their related health complications             | 7 | Rate of (overall) cancer incidence (per 100,000 population)            |  |
|  | 8 | Percentage of adults aged 18 years and older with high blood pressure  |  |

|   |    |  |   |
|---|----|--|---|
|   | 9  | Percentage of adults ages 18 and older with diabetes   |   |
| Reduce overweight & obesity                           | 10 | Percentage of adults aged 18 and older who meet criteria for overweight (body mass index $> 25$ to $< 30 \text{ kg/m}^2$ ) or obesity (body mass index $> 30 \text{ kg/m}^2$ )   | Became LHI #4 for HA 2020   |
|   | 11 | Percentage of adolescents (high school students grades 9-12) who meet criteria for overweight (age- and sex-specific body mass index $> 85$ th percentile and $< 95$ th percentile) or obesity (age- and sex-specific body mass index $> 95$ th percentile)  | Became LHI #5 for HA 2020; revised to also include children overweight or obese |
| Reduce incidence of infectious diseases               | 12 | Incidence rate of Chlamydia trachomatis (per 100,000 population)   | Became LHI #18 for HA 2020  |
| Improve birth outcomes                                | 13 | Incidence rate of low birth weight (birth less than 2500 grams as percent of live births)  |   |
|   | 14 | Incidence rate of preterm births ( $< 37$ weeks gestation as a percent of live births)   |   |
| Improve health related quality of life and well-being | 15 | Percentage of adults aged 18 and older who report being limited in any way in their activities because of physical, mental, or emotional problems OR report having a health problem that requires them to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone |   |
|   | 16 | Percentage of adults aged 18 and older who report that their general health is excellent or very good  |   |
| Improve mental health status                          | 17 | Percentage of high school students who felt so sad or hopeless every day for 2 weeks or more in a row that they stopped doing some usual activities during the last 12 months  | Became LHI #8 for HA 2020   |
|   | 18 | Mean number of days adults aged 18 and older report being mentally unhealthy   | Became LHI #9 for HA 2020   |
| Reduce tobacco use among the population               | 19 | Percentage of high school students who have smoked cigarettes on one or more of the past 30 days   |   |

|  |    |  |  |
|--|----|--|--|
| Reduce tobacco use among the population, continued | 20 | Percentage of high school students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days   | Became LHI #2 for HA 2020; worded in the positive (not as a risk factor)                   |
|  | 21 | Percentage of adults (aged 18 years and older) who currently smoke cigarettes  | Became LHI #3 for HA 2020; worded in the positive (not as a risk factor)                   |
| Reduce exposure to secondhand smoke                | 22 | Percentage of children exposed to tobacco smoke at home (percent of households in which someone has smoked in the past 30 days and at least one child aged 0-4 years lives in the home)  |  |
|  | 23 | Percentage of adults who work in environments where smoking is not allowed in indoor work areas  |  |
| Increase physical activity among the population    | 24 | Percentage of adults (aged 18 years and older) who meet the 2008 physical activity guidelines (150 minutes or more total minutes per week of moderate exercise or vigorous exercise where each minute of vigorous exercise contributes two minutes to the total) | Became (part of ) LHI #6 for HA 2020; revised to also include adolescent physical activity |
|  | 25 | Percentage of high school students who engage in at least 60 minutes of physical activity a day, every day of the week   | Became (part of ) LHI #6 for HA 2020; revised to also include adult physical activity      |
|  | 26 | Percentage of high school students who participate in daily school physical education (attend PE class daily)  |  |
| Improve food and nutrient consumption              | 27 | Percentage of adults (aged 18 years and older) who consume at least 5 daily servings of fruits and vegetables  |  |
|  | 28 | Percentage of high school students who ate fruits and vegetables 5 or more times per day   |  |
|  | 29 | Percentage of high school students who consume 1 or more sugar-sweetened beverage daily  |  |

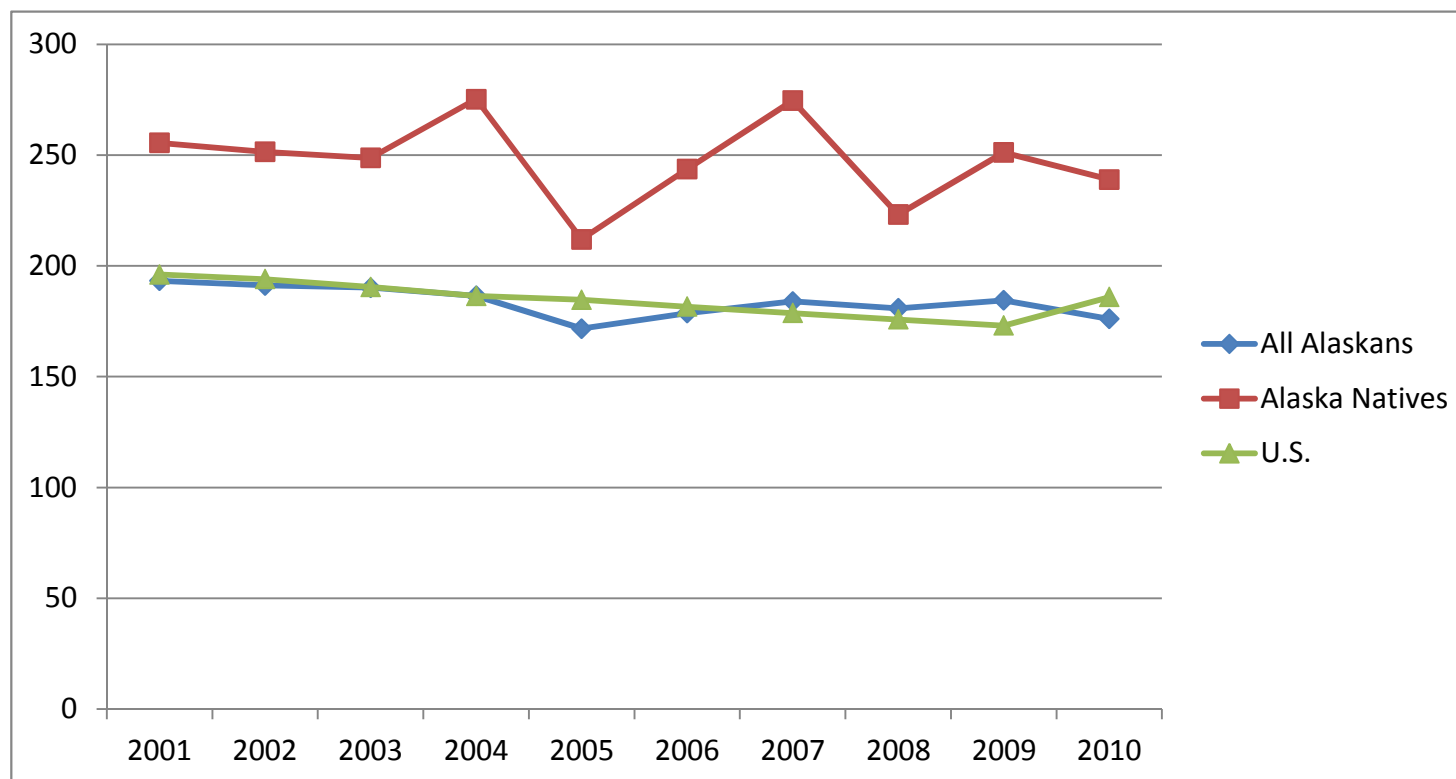
|  |    |   |   |
|--|----|---|---|
| Reduce alcohol dependence and abuse among the population | 30 | Percentage of adults (aged 18 years and older) who report binge drinking in the past 30 days (consumed on one occasion: 5 or more drinks for men; 4 or more drinks for women)                                     | Became (part of) LHI #15 for HA 2020; revised to also include adolescent binge drinking |
|  | 31 | Percentage of high school students who report binge drinking in the past 30 days (consumed 5 or more alcoholic drinks in a row within a couple of hours, at least once in the past 30 days)                       | Became (part of) LHI #15 for HA 2020; revised to also include adult binge drinking      |
| Reduce alcohol use during pregnancy                      | 32 | Percentage of women who delivered a live birth who report use of alcohol during last 3 months of pregnancy  |   |
| Reduce the use of illicit drugs among the population     | 33 | Percentage of high school students who have not used alcohol, marijuana, or cocaine in the past 30 days   |   |
|  | 34 | Percentage of population aged 12 or older that have used an illicit drug (marijuana/hash, cocaine, heroin, hallucinogens, inhalants, prescription type psychotherapeutics used non-medicinally) in the past month |   |
| Reduce prescription drug abuse                           | 35 | Percentage of high school students who took a prescription drug without a doctor's prescription one or more times during the past 30 days   |   |
| Reduce unintended pregnancies                            | 36 | Percentage of live births that occur as a result of an unintended pregnancy   |   |
| Decrease risky sexual behavior among adolescents         | 37 | Percentage of high school students who have never engaged in sexual intercourse   |   |
|  | 38 | Percentage of sexually active high school students using a condom at last intercourse   |   |
|  | 39 | Percentage of currently sexually active high school students using a condom or hormonal method at last intercourse  |   |
| Decrease driving under the influence of alcohol          | 40 | Percentage of high school students who report riding at least once with a driver who had been drinking alcohol within the past 30 days  |   |

|  |    |  |  |
|--|----|--|--|
| Decrease falls among adults aged 45 years and older            | 41 | Percentage of adults aged 45 years and older who have had one or more falls in the past 12 months that caused an injury  |  |
| Increase the percentage of persons with a usual source of care | 42 | Percentage of persons with one person they consider their personal doctor or health care provider  |  |
| Increase access to oral health care                            | 43 | Percentage of adults aged 18 and older who visited a dentist in the last year  |  |
| Increase access to prenatal care                               | 44 | Percentage of women delivering live births who received prenatal care beginning in first trimester of pregnancy  | Became LHI #21 for HA 2020   |
| Increase access to clinical preventive screening               | 45 | Percentage of women aged 18 years and older who have received a Pap test within the preceding 3 years (of women who have not had a hysterectomy)   |  |
|  | 46 | Percentage of adults who receive colorectal screening examination (adults aged 50 years and older who have ever had a colonoscopy or sigmoidoscopy)  |  |
| Increase immunization rates                                    | 47 | Percentage of children aged 19-35 months who receive the ACIP recommended doses for the 4:3:1:3:3:1:4 series (4 Dtap, 3 Polio, 1 MMR, 3 Hib, 3 Hepatitis B, 1 Varicella, 4 PCV)                              | Became LHI #17 for HA 2020; percentage of children aged 19-35 months who receive the ACIP recommended vaccination series                 |
|  | 48 | Percentage of adults aged 65 years and older who are vaccinated annually against influenza   |  |
| Decrease the number of preventable hospitalizations            | 49 | Number of preventable hospitalizations (i.e., hospitalizations that may be preventable with high quality primary and preventive care) based on Agency for Healthcare Research and Quality (AHRQ) (composite) | Became LHI #22 for HA 2020; revised wording to change "number" of preventable hospitalizations to "rate" of preventable hospitalizations |
| Reduce percentage of persons without health insurance          | 50 | Percentage of adults aged 18 and older without health care coverage  |  |
| Reduce cost as a barrier to health care                        | 51 | Percentage of adults aged 18 or over reporting that they could not afford to see a doctor in the last 12 months  | Became LHI #23 for HA 2020   |
| Control health care costs                                      | 52 | Per capita expenditure for health care   |  |

|  |    |  |   |
|--|----|--|---|
| Increase capacity for essential public health services   | 53 | Percentage of public health accreditation standards met by the State of Alaska Division of Public Health                         |   |
| Increase the number of households with access to clean water and wastewater services                             | 54 | Percentage of serviceable rural housing units with water and sewer service   | Became LHI #19 for HA 2020; revised to "Percentage of rural community housing units with water and sewer services." Added definitions for Rural Community, Housing Unit, and Water and Sewer Service. |
| Improve access to physical activity and recreation   | 55 | Percentage of secondary schools that require student physical education in any grade 6 through 12                                |   |
| Improve access to healthy and safe foods   | 56 | Percentage of secondary schools (grades 6-12) in which students cannot purchase soda pop or fruit drinks that are not 100% juice |   |
| Increase the percentage of Alaskan population served by community water systems with optimally fluoridated water | 57 | Percentage of Alaskan population served by community water systems with optimally fluoridated water                              | Became LHI #20 for HA 2020  |
| Increase education achievement among the population  | 58 | Percentage of 18-24 year olds with a high school diploma   | Became LHI #25 for HA 2020; revised to "Percentage of 18-24 year olds with a high school diploma or equivalency."   |
|  | 59 | Percentage of adults (25 years and older) who completed some college or higher education   |   |
| Improve health education   | 60 | Percentage of secondary schools that required health education instruction in any of grades 6–12                                 |   |
| Improve quality of education   | 61 | Student/teacher ratio in public elementary and secondary schools (KG-12)   |   |
| Decrease unemployment  | 62 | Seasonally adjusted unemployment rate  |   |
| Decrease the percentage of residents living in poverty   | 63 | Percentage of residents living below the federal poverty level - all ages (as defined for AK)                                    | Became LHI #24 for HA 2020; revised to "Percentage of residents (all ages) living above the federal poverty level (as defined for Alaska)."   |

|  |    |   |                            |
|--|----|---|----------------------------|
| Increase availability of resources to meet daily needs | 64 | Percentage of housing units spending 30% or more of household income on housing costs (including housing units with a mortgage, housing units without a mortgage, and rental units) |                            |
| Reduce the incidence of abuse of vulnerable persons    | 65 | Rate of unique substantiated child maltreatment victims (age 0-17) per 1,000 children   | Became LHI #11 for HA 2020 |
|  | 66 | Number of vulnerable adults with a substantiated allegation of abuse or neglect reported to Adult Protective Services   |                            |
| Decrease sexual assault and intimate partner violence  | 67 | Percentage of adults who report that in the last 5 years they feared for their safety or have been physically hurt by a current or former partner                                   |                            |
|  | 68 | Rate of forcible rape (per 100,000 population)  | Became LHI #12 for HA 2020 |
|  | 69 | Percentage of mothers of 3 year olds who report that their child saw violence or abuse in person.   |                            |
|  | 70 | Percentage of high school students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months.                            | Became LHI #13 for HA 2020 |
| Increase family and social support                     | 71 | Percentage of high school students with three or more adults (besides their parent(s)) who they feel comfortable seeking help from  | Became LHI #10 for HA 2020 |



**1 Cancer mortality rate per 100,000 population**

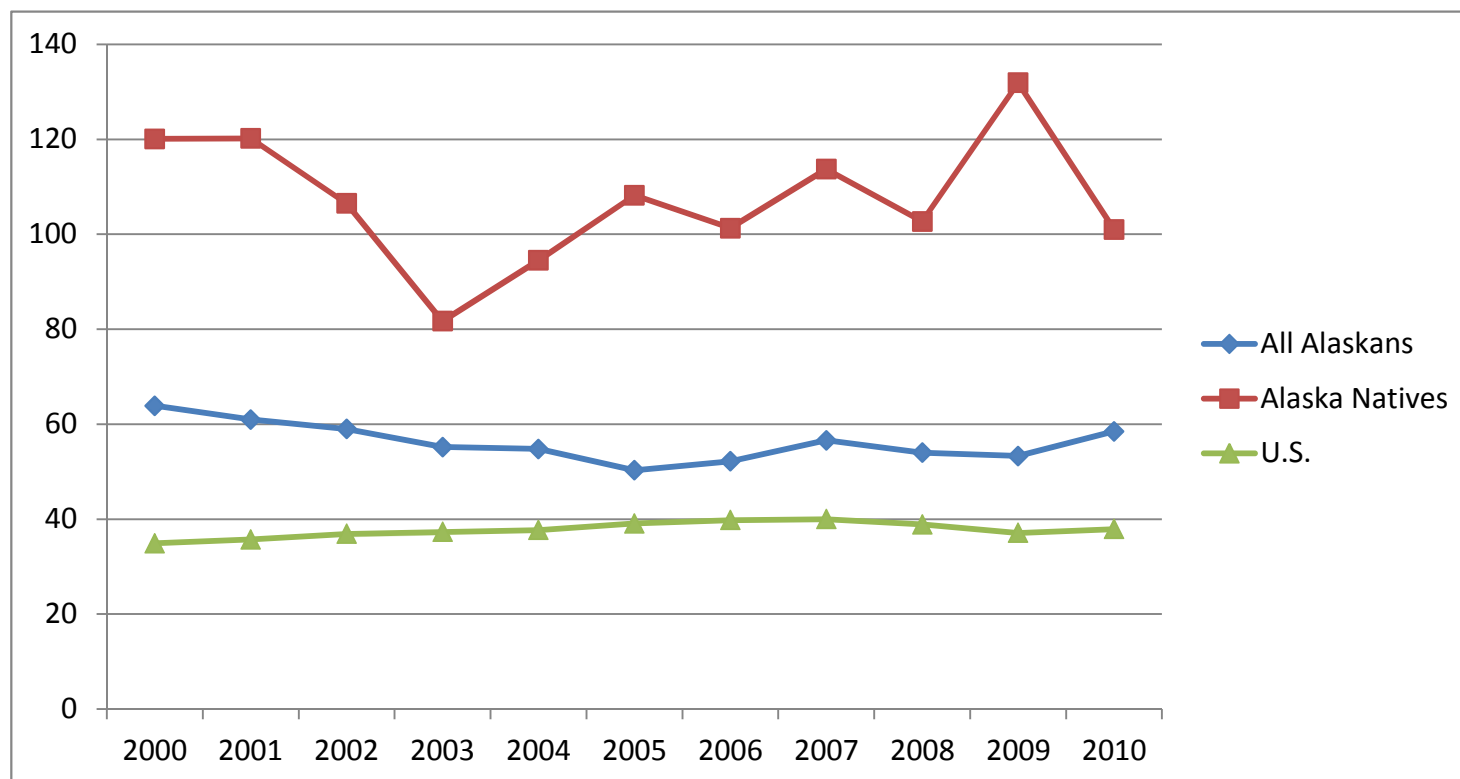
|                |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 193.3 | 191.2 | 190.2 | 186.5 | 171.7 | 178.7 | 184.0 | 180.9 | 184.5 | 176.1 |
| Alaska Natives | 255.5 | 251.5 | 248.7 | 275.2 | 212.0 | 243.7 | 274.6 | 223.2 | 251.2 | 239.0 |
| U.S.           | 196.1 | 194.0 | 190.5 | 186.4 | 184.7 | 181.6 | 178.7 | 175.8 | 173.1 | 185.9 |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

Data Sources:

**Alaska/Alaska Natives** – Alaska Bureau of Vital Statistics

**U.S.** – Centers for Disease Control and Prevention/National Center for Health Statistics

Note: U.S. data for 2010 is preliminary. Cancer mortality rates are age-adjusted to the 2000 U.S. standard population.

**2 Unintentional injury mortality rate per 100,000**

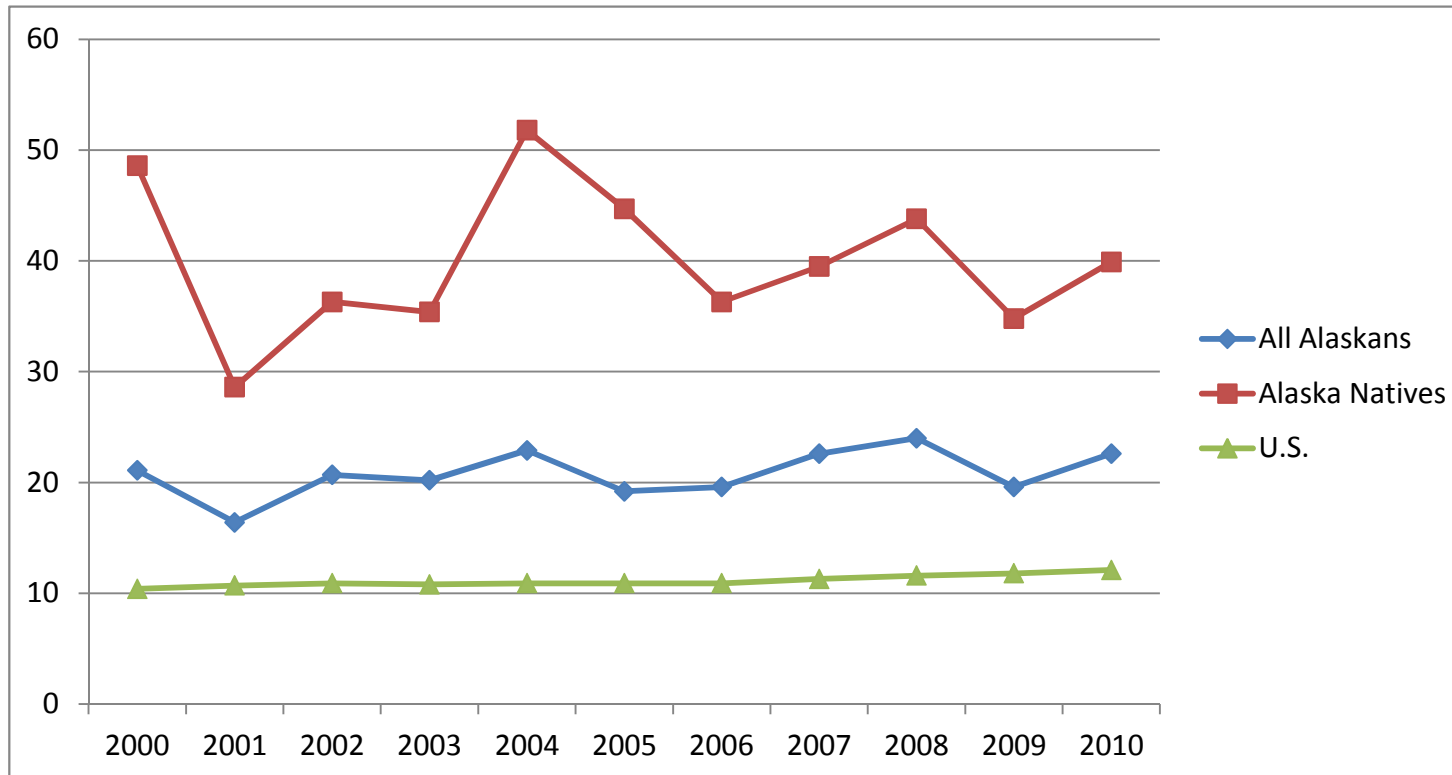
|                |       |       |       |      |      |       |       |       |       |       |       |
|----------------|-------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 63.9  | 61.0  | 59.0  | 55.2 | 54.8 | 50.3  | 52.2  | 56.6  | 54.0  | 53.3  | 58.5  |
| Alaska Natives | 120.1 | 120.2 | 106.5 | 81.7 | 94.5 | 108.2 | 101.3 | 113.7 | 102.7 | 131.9 | 101.0 |
| U.S.           | 34.9  | 35.7  | 36.9  | 37.3 | 37.7 | 39.1  | 39.8  | 40.0  | 38.9  | 37.1  | 37.9  |
|                | 2000  | 2001  | 2002  | 2003 | 2004 | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

Data Sources:

**Alaska/Alaska Natives** – Alaska Bureau of Vital Statistics

**U.S.** – Centers for Disease Control and Prevention, Web-based Injury Statistics Query and Reporting System (WISQARS)

Note: Rates are age-adjusted to the 2000 U.S. standard population.

**3 Suicide mortality rate per 100,000 population**

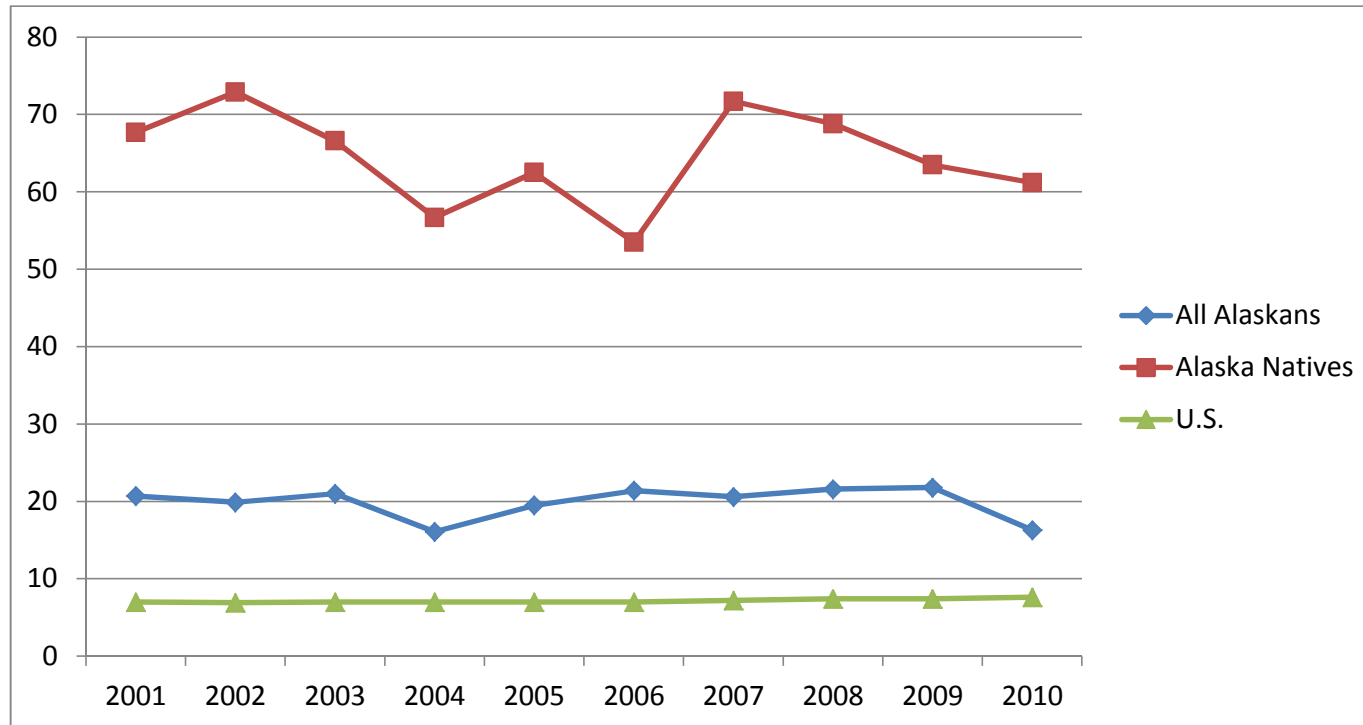
|                |      |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 21.1 | 16.4 | 20.7 | 20.2 | 22.9 | 19.2 | 19.6 | 22.6 | 24.0 | 19.6 | 22.6 |
| Alaska Natives | 48.6 | 28.6 | 36.3 | 35.4 | 51.8 | 44.7 | 36.3 | 39.5 | 43.8 | 34.8 | 39.9 |
| U.S.           | 10.4 | 10.7 | 10.9 | 10.8 | 10.9 | 10.9 | 10.9 | 11.3 | 11.6 | 11.8 | 12.1 |
|                | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

Data Sources:

**Alaska/Alaska Natives** – Alaska Bureau of Vital Statistics

**U.S.** – National Violent Death Reporting System

Note: Rates are age-adjusted to the 2000 U.S. standard population.

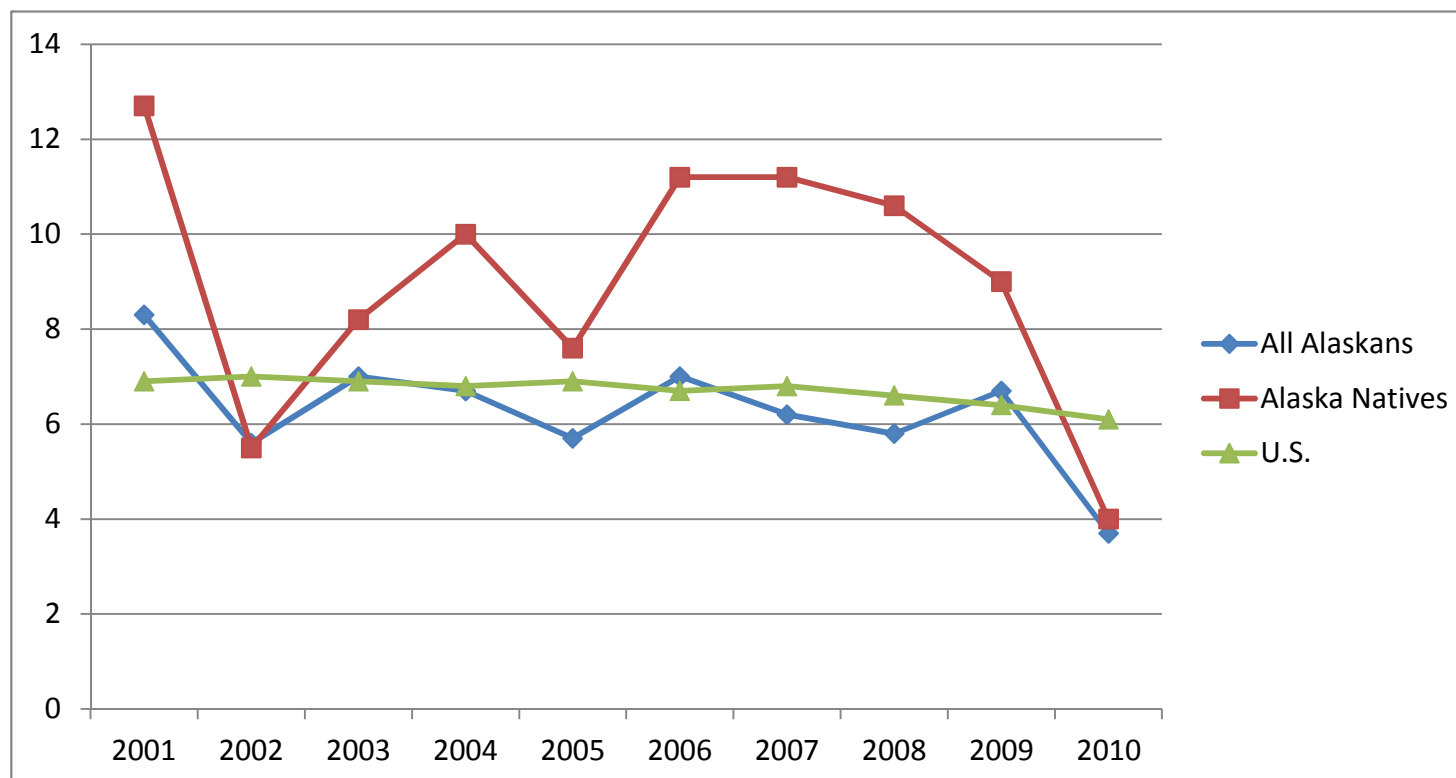
**4 Rate of alcohol related mortality (per 100,000 population)**

|                |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 20.7 | 19.9 | 21.0 | 16.1 | 19.5 | 21.4 | 20.6 | 21.6 | 21.8 | 16.3 |
| Alaska Natives | 67.7 | 72.9 | 66.6 | 56.7 | 62.5 | 53.5 | 71.7 | 68.8 | 63.5 | 61.2 |
| U.S.           | 7.0  | 6.9  | 7.0  | 7.0  | 7.0  | 7.0  | 7.2  | 7.4  | 7.4  | 7.6  |
|                | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

*Data Sources:*

*Alaska/Alaska Natives/U.S. – Centers for Disease Control and Prevention, National Center for Health Statistics (NCHS). Underlying Cause of Death 1999-2010 on CDC WONDER Online Database.*

Note: Age-adjusted to the 2000 U.S. standard population. NCHS has defined selected causes of death groups for analysis of all ages mortality data including alcohol-induced causes. The group code values are not actual ICD codes published in the International Classification of Diseases, but are "recodes" defined to support analysis by the Selected Causes of Death groups. Causes of death attributable to alcohol-induced mortality include ICD-10 codes F10, X45.

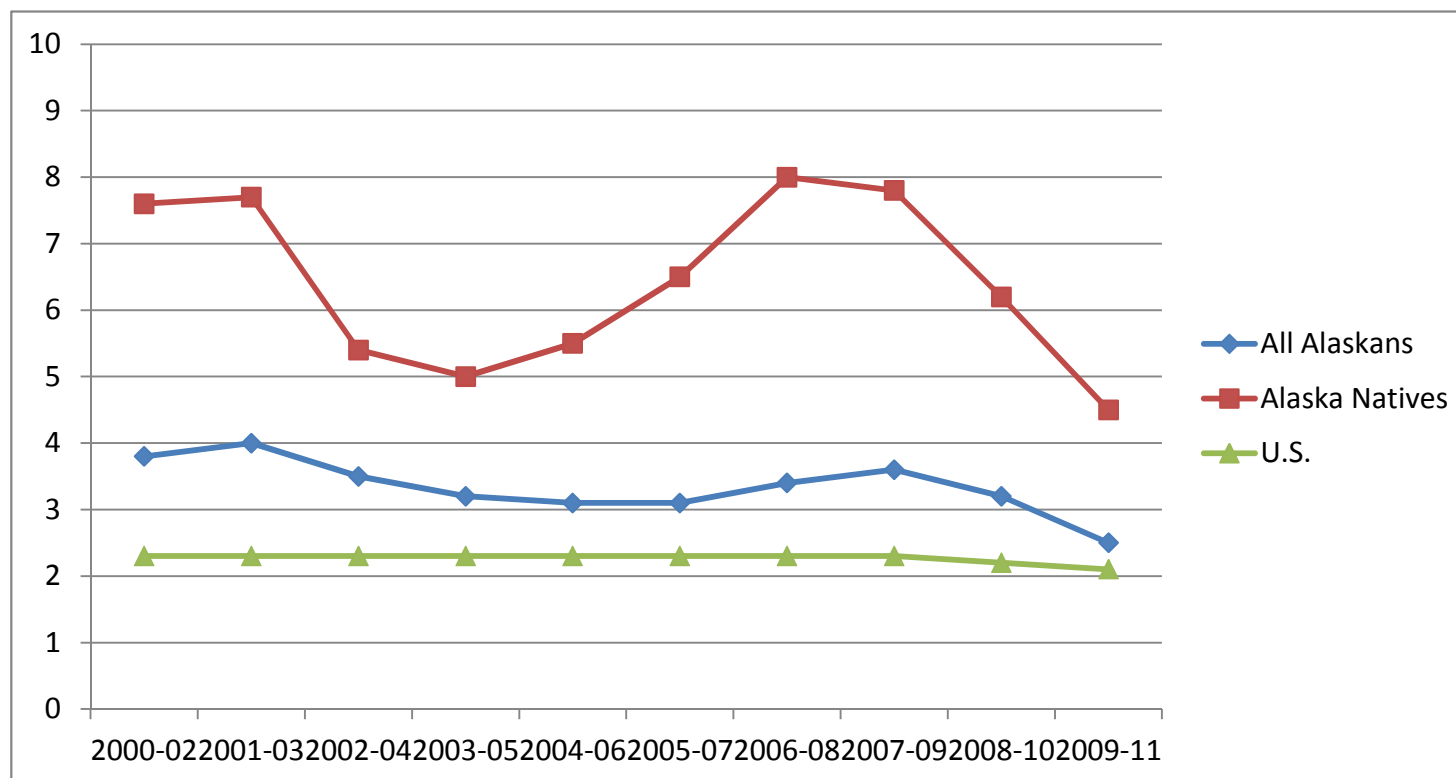
**5 Infant mortality rate per 1,000 births (birth to 1 year)**

|                |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 8.3  | 5.6  | 7    | 6.7  | 5.7  | 7    | 6.2  | 5.8  | 6.7  | 3.7  |
| Alaska Natives | 12.7 | 5.5  | 8.2  | 10   | 7.6  | 11.2 | 11.2 | 10.6 | 9    | 4    |
| U.S.           | 6.9  | 7    | 6.9  | 6.8  | 6.9  | 6.7  | 6.8  | 6.6  | 6.4  | 6.1  |
|                | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

*Data Sources:***Alaska** – Alaska Bureau of Vital Statistics**Alaska Natives** – ANTHC Alaska Native Epidemiology Center**U.S.** - Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Mortality

Note: U.S. data for 2010 is preliminary

## 6 Post-neonatal mortality rate per 1,000 live births (28 days to 1 year)



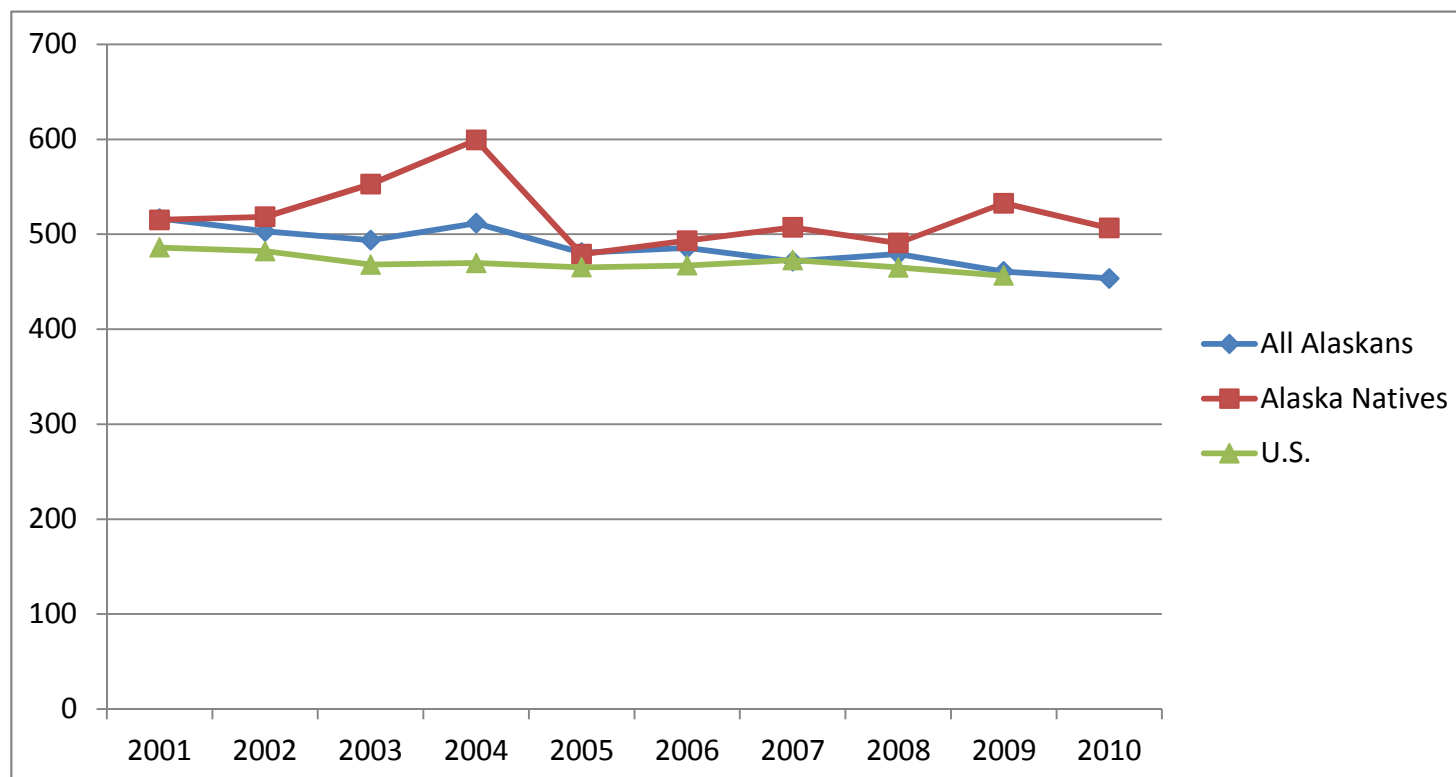
|                |         |         |         |         |         |         |         |         |         |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| All Alaskans   | 3.8     | 4       | 3.5     | 3.2     | 3.1     | 3.1     | 3.4     | 3.6     | 3.2     | 2.5     |
| Alaska Natives | 7.6     | 7.7     | 5.4     | 5       | 5.5     | 6.5     | 8       | 7.8     | 6.2     | 4.5     |
| U.S.           | 2.3     | 2.3     | 2.3     | 2.3     | 2.3     | 2.3     | 2.3     | 2.3     | 2.2     | 2.1     |
|                | 2000-02 | 2001-03 | 2002-04 | 2003-05 | 2004-06 | 2005-07 | 2006-08 | 2007-09 | 2008-10 | 2009-11 |

Data Sources:

**Alaska/Alaska Natives** – Alaska Bureau of Vital Statistics

**U.S.** – Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics System, Mortality

Note: Data is shown by three-year moving averages. 2011 U.S. data are preliminary.

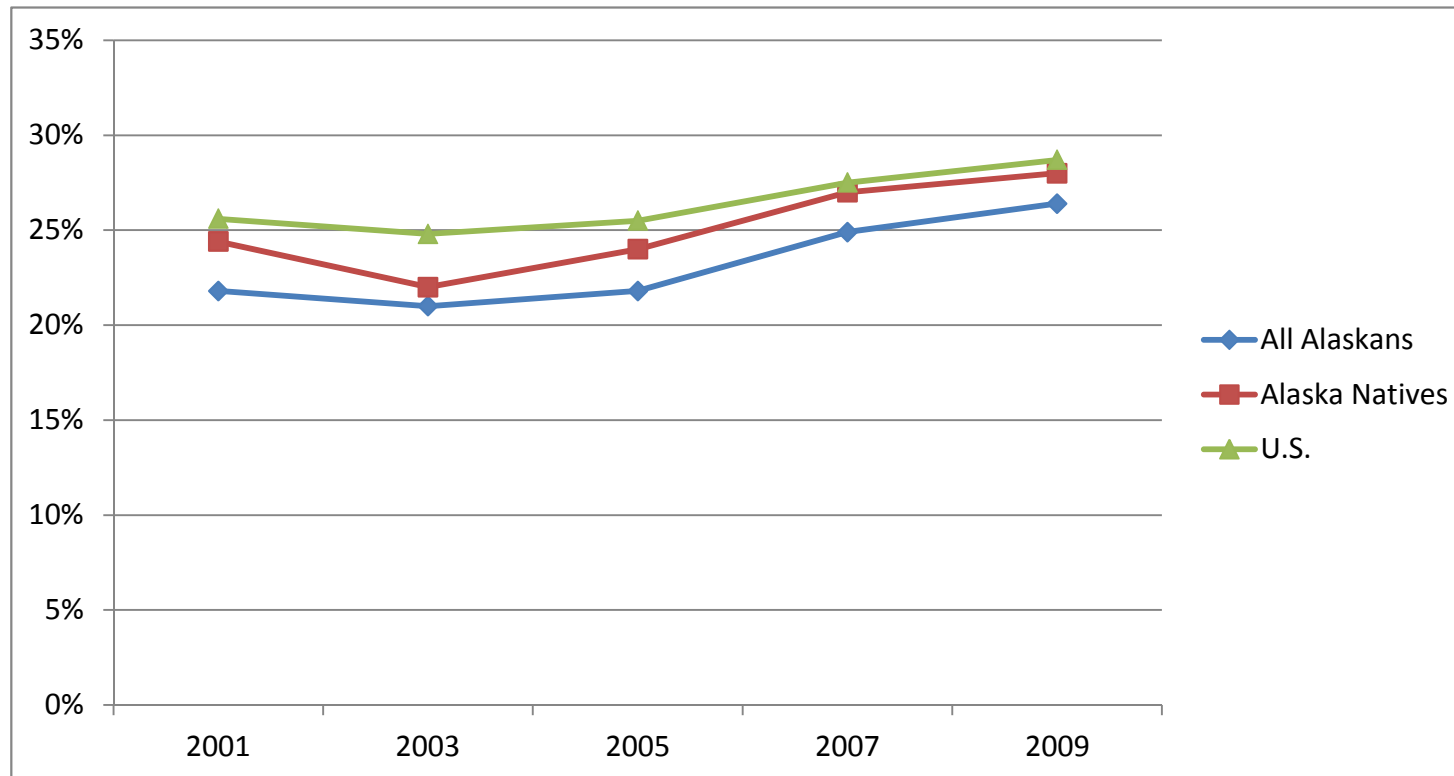
**7 Rate of (overall) cancer incidence (per 100,000 population)**

|                |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 516.6 | 503.0 | 493.8 | 511.7 | 480.6 | 485.6 | 471.5 | 479.1 | 460.7 | 453.5 |
| Alaska Natives | 515.2 | 518.4 | 552.8 | 599.3 | 478.9 | 493.3 | 507.3 | 490.7 | 532.7 | 506.6 |
| U.S.           | 486.1 | 482.1 | 468.0 | 469.7 | 465.1 | 467.2 | 472.7 | 464.9 | 456.4 | -     |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

Data Sources:

**Alaska/Alaska Natives/U.S.** – National Cancer Institute, Surveillance, Epidemiology, and End Results (SEER) Program

Note: Rates are age adjusted to the 2000 U.S. standard population.

**8 Percentage of adults aged 18 years and older with high blood pressure**

|                |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|
| All Alaskans   | 21.8% | 21.0% | 21.8% | 24.9% | 26.4% |
| Alaska Natives | 24.4% | 22.0% | 24.0% | 27.0% | 28.0% |
| U.S.           | 25.6% | 24.8% | 25.5% | 27.5% | 28.7% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  |

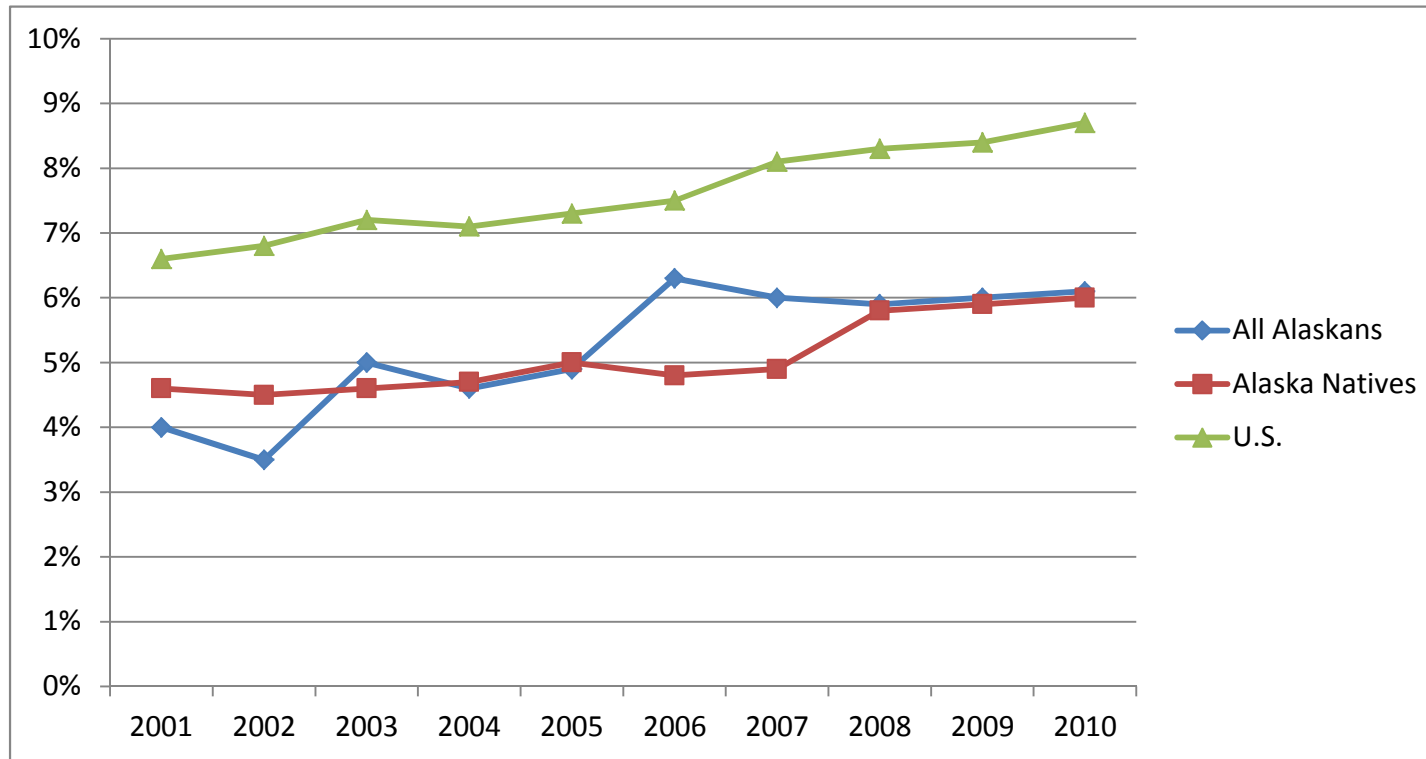
*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Standard Alaska Behavioral Risk Factor Surveillance System**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Data for Alaska Natives in 2001 is based on 1999 and 2001 combined.

Note: Post-stratification weighting all years



## 9 Percentage of adults ages 18 and older with diabetes



|                |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 4.0% | 3.5% | 5.0% | 4.6% | 4.9% | 6.3% | 6.0% | 5.9% | 6.0% | 6.1% |
| Alaska Natives | 4.6% | 4.5% | 4.6% | 4.7% | 5.0% | 4.8% | 4.9% | 5.8% | 5.9% | 6.0% |
| U.S.           | 6.6% | 6.8% | 7.2% | 7.1% | 7.3% | 7.5% | 8.1% | 8.3% | 8.4% | 8.7% |
|                | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

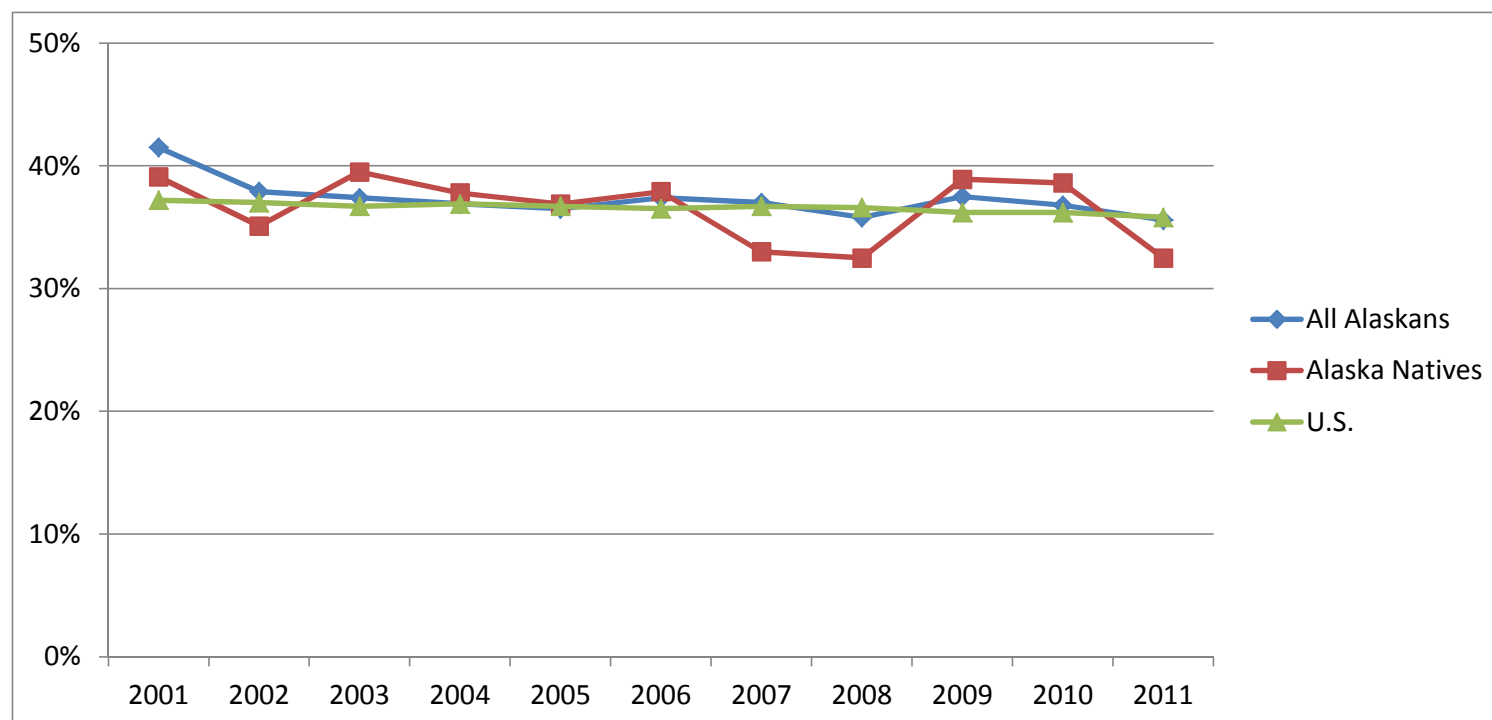
*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, 2001-2003 Standard Behavioral Risk Factor Surveillance System survey only, 2004 - 2009 Standard and Supplemental BRFSS surveys combined

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Data for Alaska Natives is reported in three-year averages with the last of the three-year reporting period shown.

Note: Post-stratification weighting all years

**10a Percentage of adults aged 18 and older who meet criteria for Overweight (body mass index >25 – <30kg/m<sup>2</sup>)**

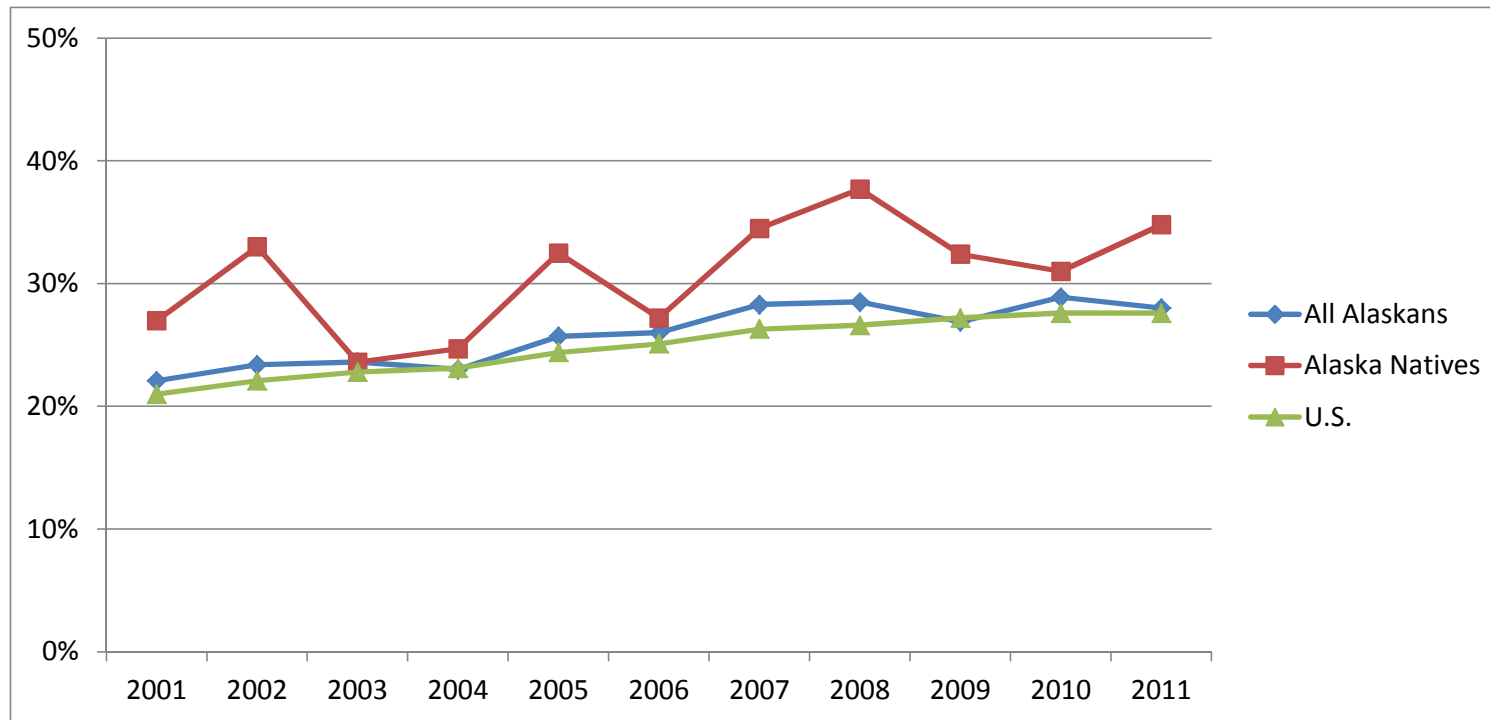
|                |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 41.5% | 37.9% | 37.4% | 36.9% | 36.5% | 37.4% | 37.0% | 35.8% | 37.5% | 36.8% | 35.6% |
| Alaska Natives | 39.1% | 35.1% | 39.5% | 37.8% | 36.9% | 37.9% | 33.0% | 32.5% | 38.9% | 38.6% | 32.5% |
| U.S.           | 37.2% | 37.0% | 36.7% | 36.9% | 36.7% | 36.5% | 36.7% | 36.6% | 36.2% | 36.2% | 35.8% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

Data Sources:

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, 2001-2003 Standard Behavioral Risk Factor Surveillance System survey only, 2004 - 2009 Standard and Supplemental BRFSS surveys combined

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Post-stratification weights were used for Alaska data from 2001 through 2006; raking weights were used from 2007 through 2011. For more on this methodological change see: <http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

**10b Percentage of adults aged 18 and older who meet criteria for Obesity (body mass index >30kg/m2)**

|                |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 22.1% | 23.4% | 23.6% | 23.0% | 25.7% | 26.0% | 28.3% | 28.5% | 26.9% | 28.9% | 28.0% |
| Alaska Natives | 27.0% | 33.0% | 23.6% | 24.7% | 32.5% | 27.2% | 34.5% | 37.7% | 32.4% | 31.0% | 34.8% |
| U.S.           | 21.0% | 22.1% | 22.8% | 23.1% | 24.4% | 25.1% | 26.3% | 26.6% | 27.2% | 27.6% | 27.6% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

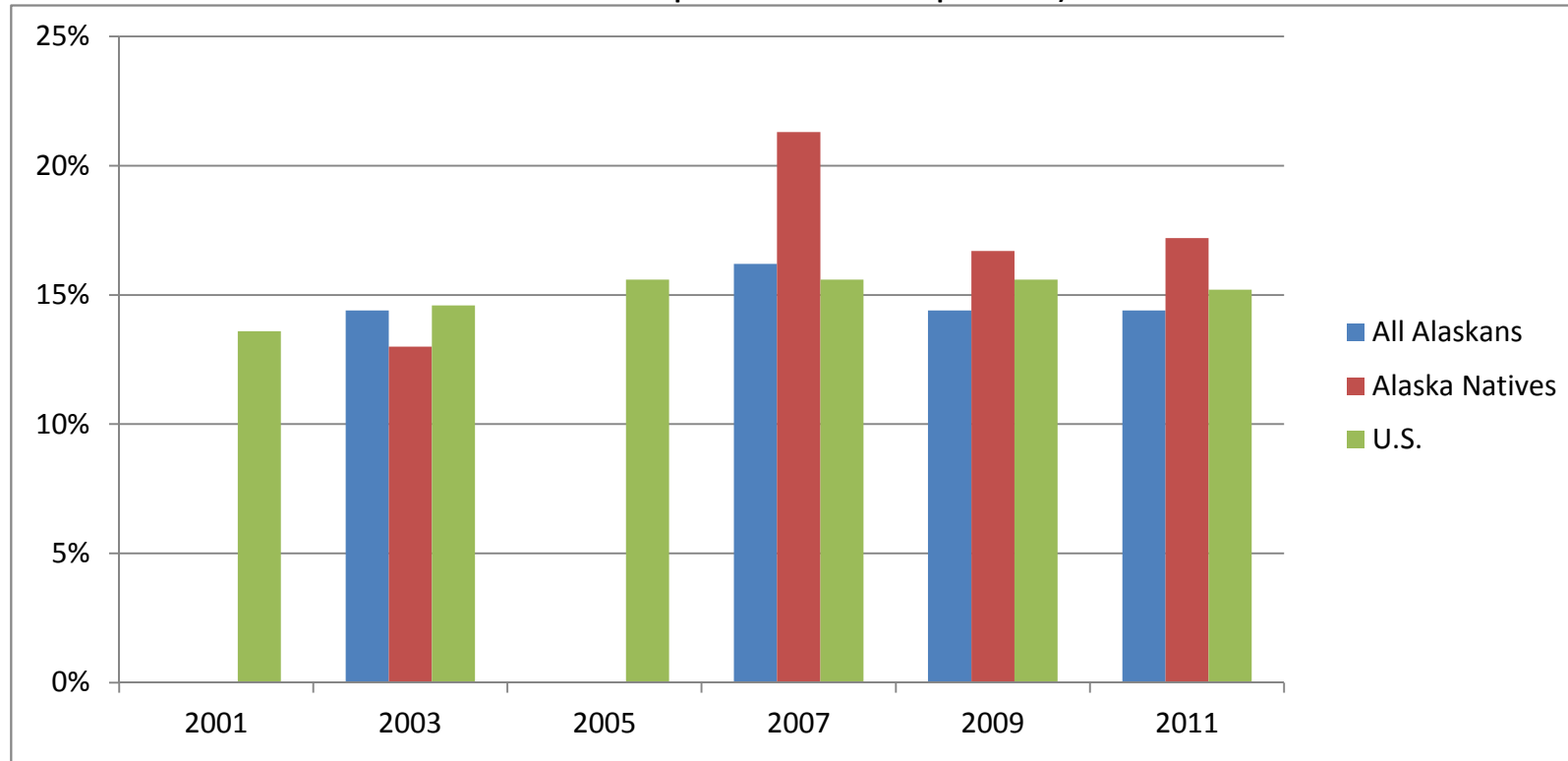
Data Sources:

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, 2001-2003 Standard Behavioral Risk Factor Surveillance System survey only, 2004 - 2009 Standard and Supplemental BRFSS surveys combined

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Post-stratification weights were used for Alaska data from 2001 through 2006; raking weights were used from 2007 through 2011. For more on this methodological change see: <http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

**11a Percentage of adolescents (high school students grades 9-12) who meet criteria for Overweight (age- and sex-specific body mass index >85th percentile and < 95th percentile)**



|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 14.4% | -     | 16.2% | 14.4% | 14.4% |
| Alaska Natives | -     | 13.0% | -     | 21.3% | 16.7% | 17.2% |
| U.S.           | 13.6% | 14.6% | 15.6% | 15.6% | 15.6% | 15.2% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

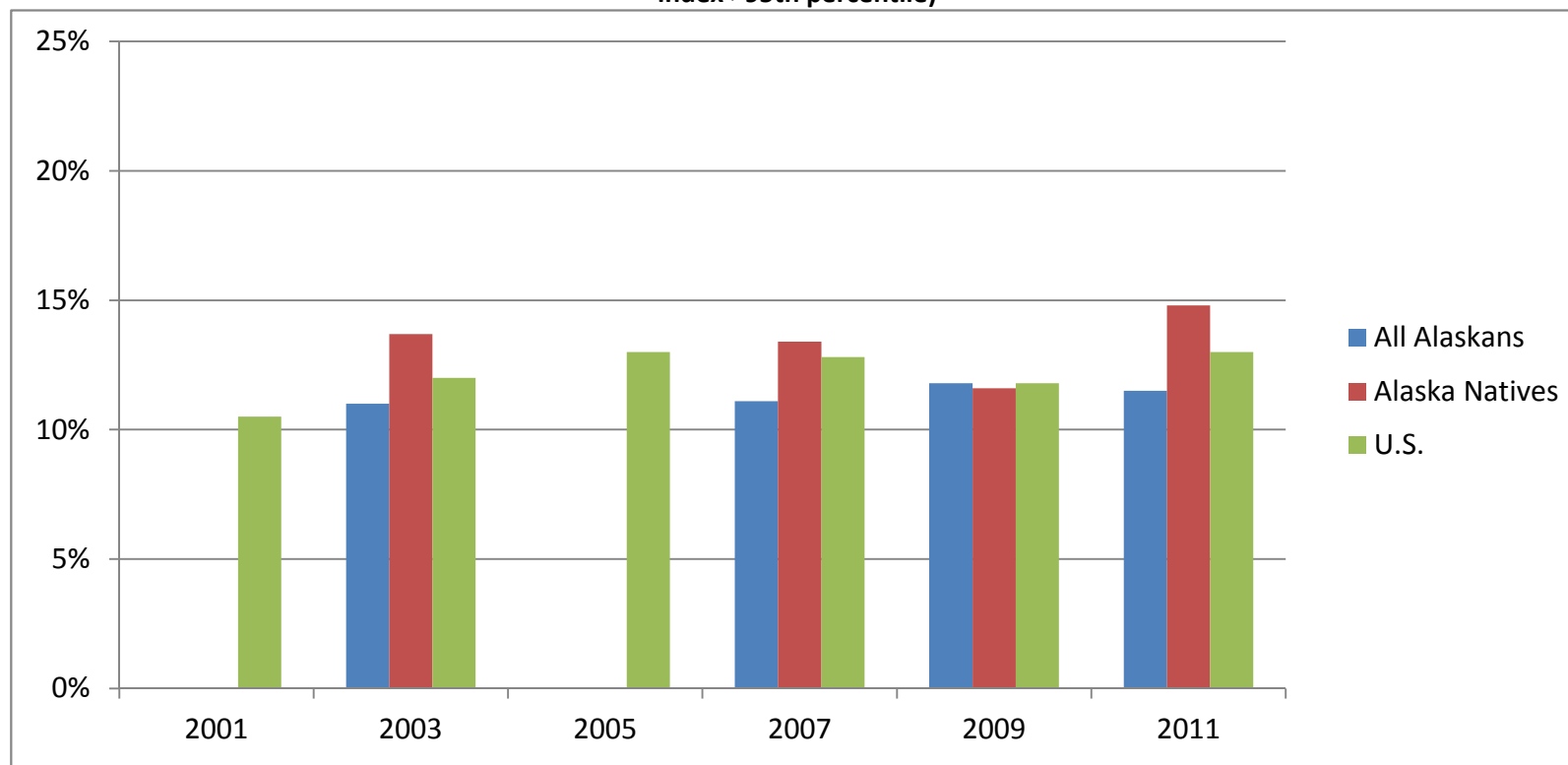
*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009, and 2011.

**11b Percentage of adolescents (high school students grades 9-12) who meet criteria for Obesity (age- and sex-specific body mass index >95th percentile)**



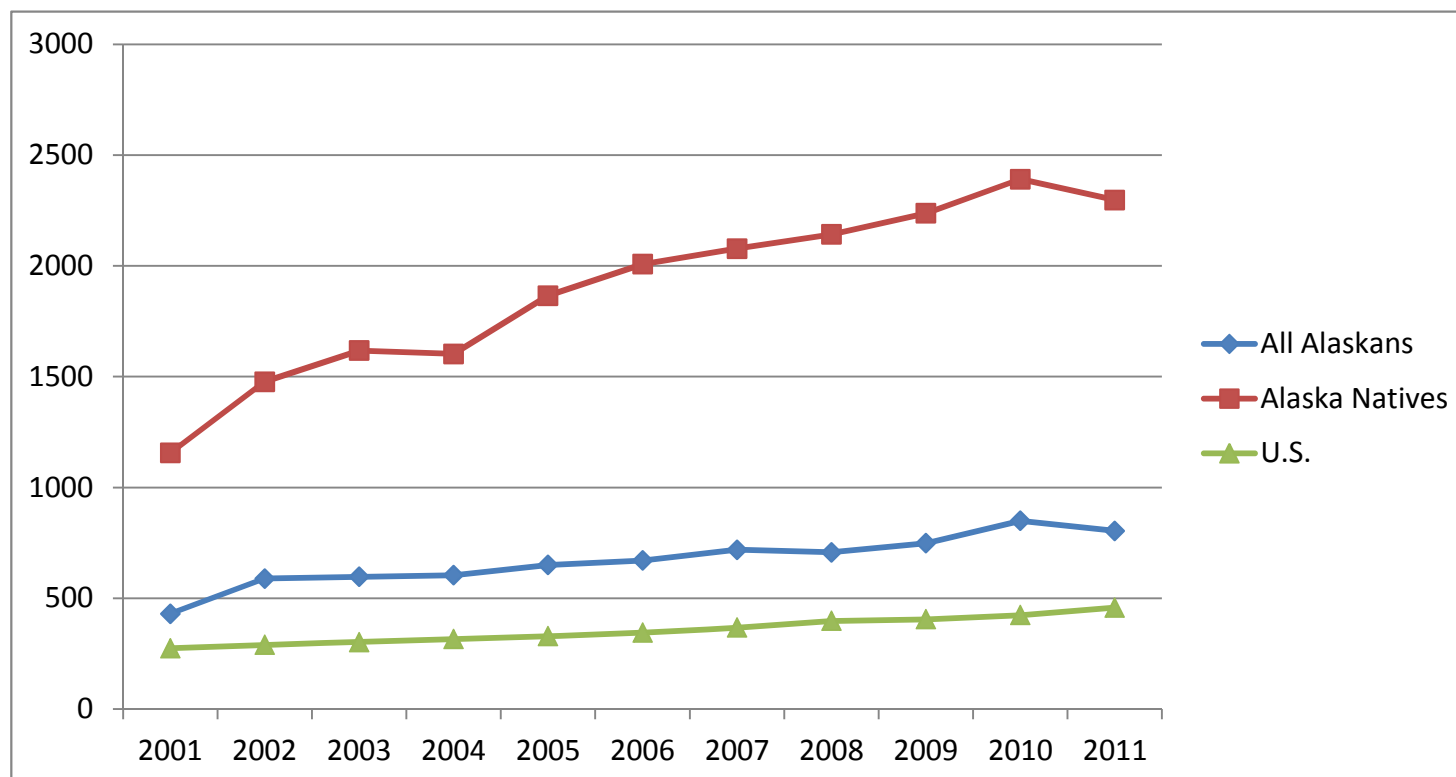
|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 11.0% | -     | 11.1% | 11.8% | 11.5% |
| Alaska Natives | -     | 13.7% | -     | 13.4% | 11.6% | 14.8% |
| U.S.           | 10.5% | 12.0% | 13.0% | 12.8% | 11.8% | 13.0% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009, and 2011.

**12 Incidence rate of Chlamydia trachomatis (per 100,000 population)**

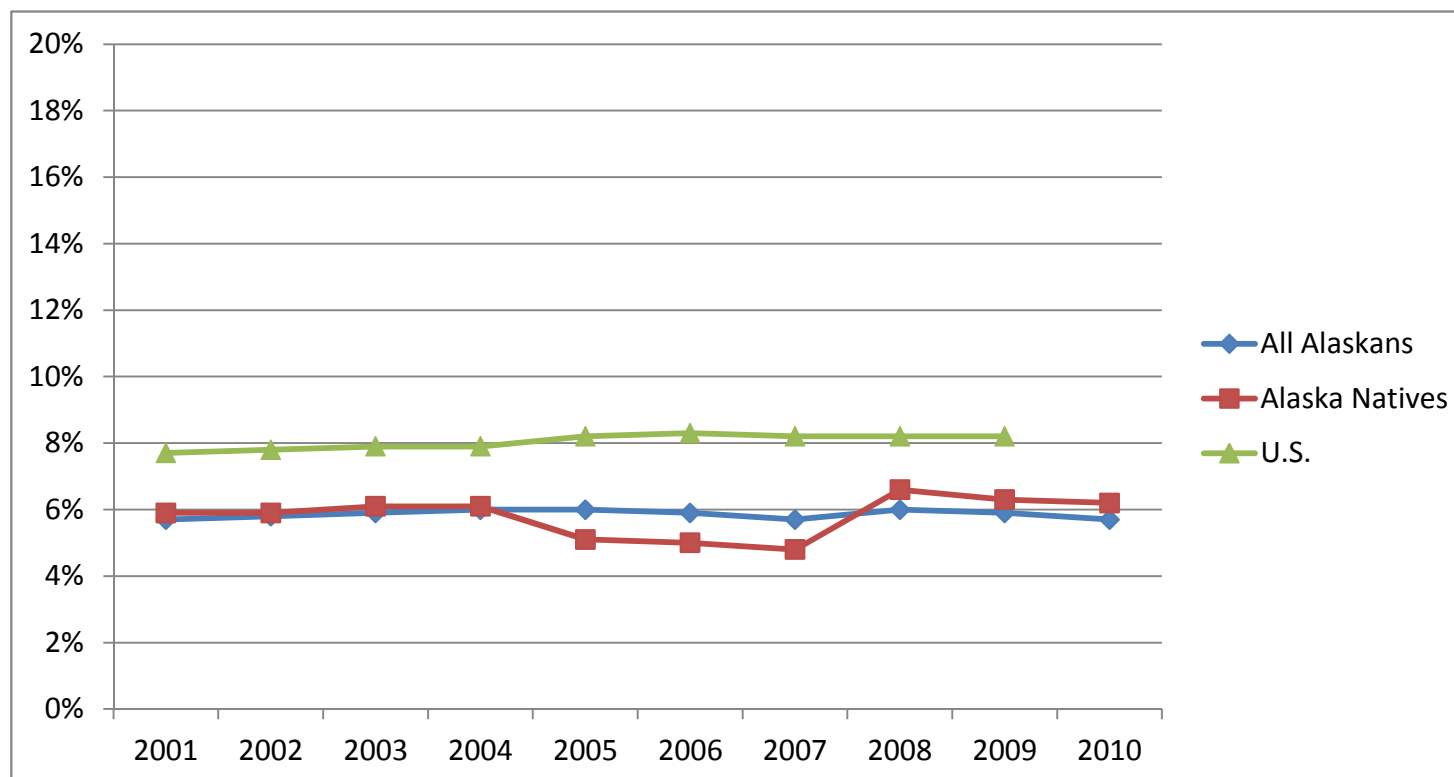
|                |        |        |        |        |        |        |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| All Alaskans   | 430.1  | 589.0  | 596.8  | 604.4  | 650.7  | 670.8  | 719.4  | 707.5  | 748.8  | 849.6  | 804.4  |
| Alaska Natives | 1155.6 | 1477.2 | 1617.9 | 1602.9 | 1866.0 | 2008.2 | 2077.6 | 2142.0 | 2237.8 | 2391.0 | 2297.3 |
| U.S.           | 274.5  | 289.4  | 301.7  | 316.5  | 329.4  | 344.3  | 367.5  | 398.1  | 405.3  | 423.6  | 457.6  |
|                | 2001   | 2002   | 2003   | 2004   | 2005   | 2006   | 2007   | 2008   | 2009   | 2010   | 2011   |

Data Sources:

**Alaska/Alaska Natives** – Alaska Section of Epidemiology, STD Program

**U.S.** – Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, Division of STD Prevention, NCHHSTP Atlas

Note: Rates are not age-adjusted.

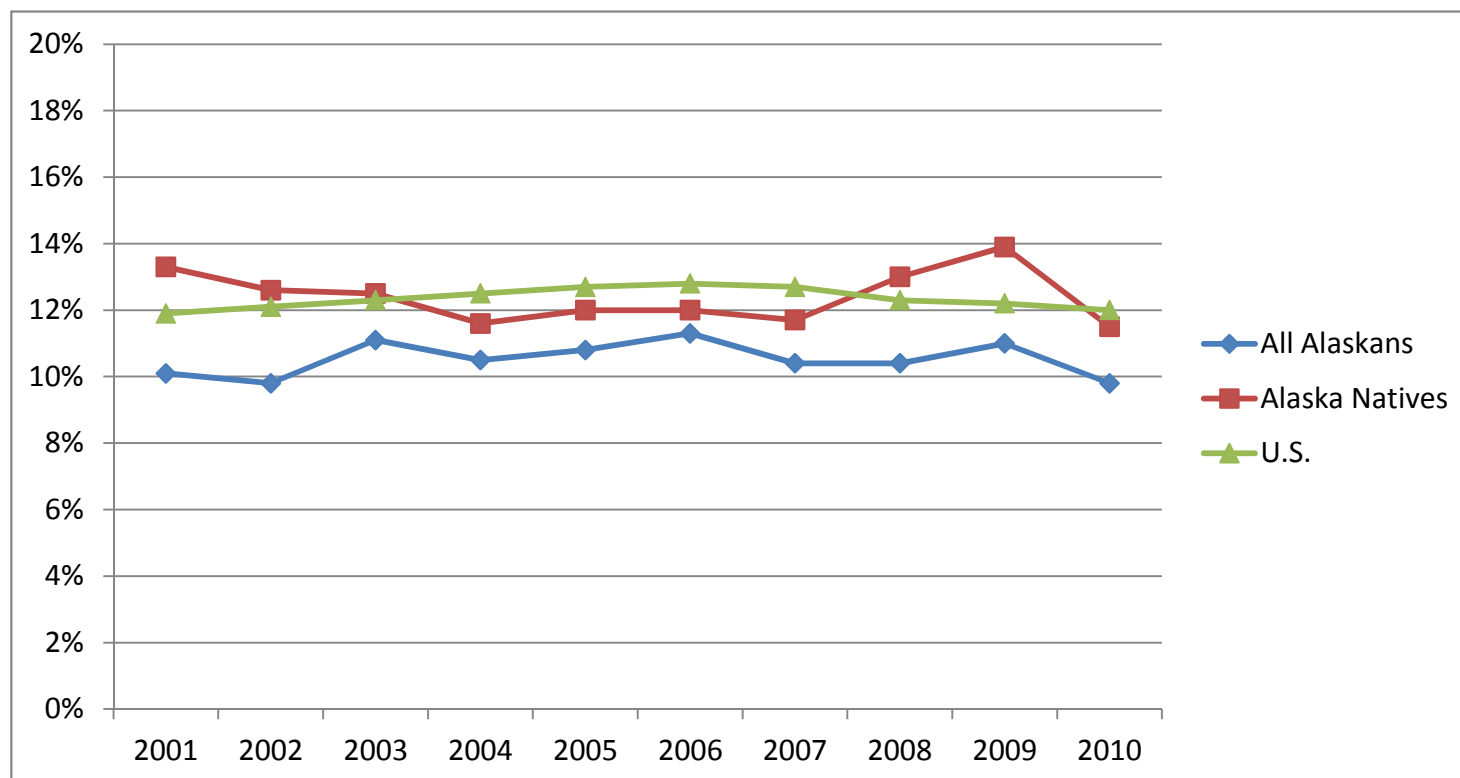
**13 Incidence rate of low birth weight (birth less than 2500 grams as percent of live births)**

|                |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 5.7% | 5.8% | 5.9% | 6.0% | 6.0% | 5.9% | 5.7% | 6.0% | 5.9% | 5.7% |
| Alaska Natives | 5.9% | 5.9% | 6.1% | 6.1% | 5.1% | 5.0% | 4.8% | 6.6% | 6.3% | 6.2% |
| U.S.           | 7.7% | 7.8% | 7.9% | 7.9% | 8.2% | 8.3% | 8.2% | 8.2% | 8.2% | -    |
|                | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Bureau of Vital Statistics

**U.S.** – Centers for Disease Control and Prevention/National Center for Health Statistics, National Vital Statistics System

**14 Incidence rate of preterm births (<37 weeks gestation as a percent of live births)**

|                |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 10.1% | 9.8%  | 11.1% | 10.5% | 10.8% | 11.3% | 10.4% | 10.4% | 11.0% | 9.8%  |
| Alaska Natives | 13.3% | 12.6% | 12.5% | 11.6% | 12.0% | 12.0% | 11.7% | 13.0% | 13.9% | 11.5% |
| U.S.           | 11.9% | 12.1% | 12.3% | 12.5% | 12.7% | 12.8% | 12.7% | 12.3% | 12.2% | 12.0% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

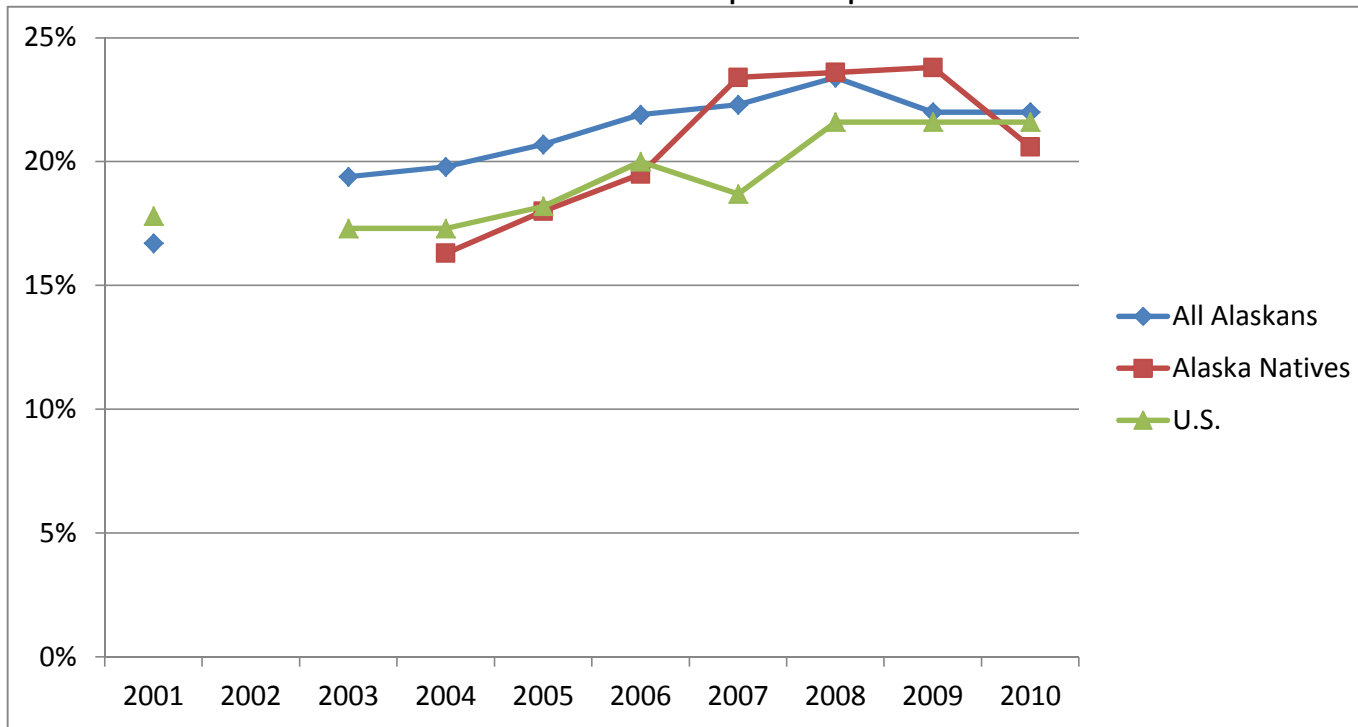
*Data Sources:*

**Alaska/Alaska Natives** – Alaska Bureau of Vital Statistics

**U.S.** – Centers for Disease Control and Prevention/National Center for Health Statistics, National Vital Statistics System



**15 Percentage of adults aged 18 and older who report being limited in any way in their activities because of physical, mental, or emotional problems OR report having a health problem that requires them to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone**



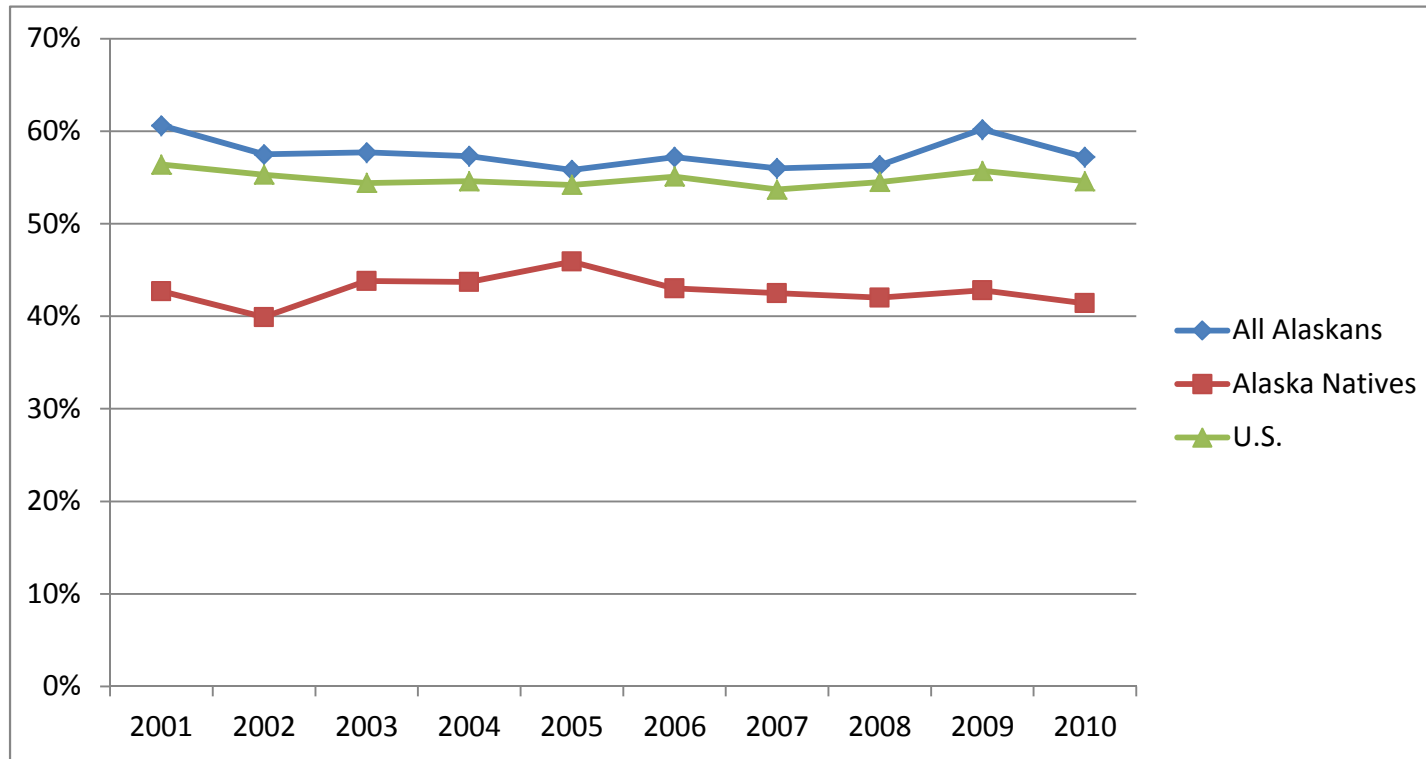
|                |       |      |       |       |       |       |       |       |       |       |
|----------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 16.7% | -    | 19.4% | 19.8% | 20.7% | 21.9% | 22.3% | 23.4% | 22.0% | 22.0% |
| Alaska Natives | -     | -    | -     | 16.3% | 18.0% | 19.5% | 23.4% | 23.6% | 23.8% | 20.6% |
| U.S.           | 17.8% | -    | 17.3% | 17.3% | 18.2% | 20.0% | 18.7% | 21.6% | 21.6% | 21.6% |
|                | 2001  | 2002 | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System, 2009 - Standard and Supplemental BRFSS combined, Standard BRFSS survey only all other years

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: The Alaska Natives percentage in 2004 is based on 2001, 2003 and 2004. Data for Alaska Natives are reported in three-year averages with the last of the three-year reporting period shown.

Note: Post-stratification weighting all years

**16 Percentage of adults aged 18 and older who report that their general health is excellent or very good**

|                |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 60.6% | 57.5% | 57.7% | 57.3% | 55.8% | 57.2% | 56.0% | 56.3% | 60.2% | 57.2% |
| Alaska Natives | 42.7% | 39.9% | 43.8% | 43.7% | 45.9% | 43.0% | 42.5% | 42.0% | 42.8% | 41.4% |
| U.S.           | 56.4% | 55.3% | 54.4% | 54.6% | 54.2% | 55.1% | 53.7% | 54.5% | 55.7% | 54.6% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

*Data Sources:*

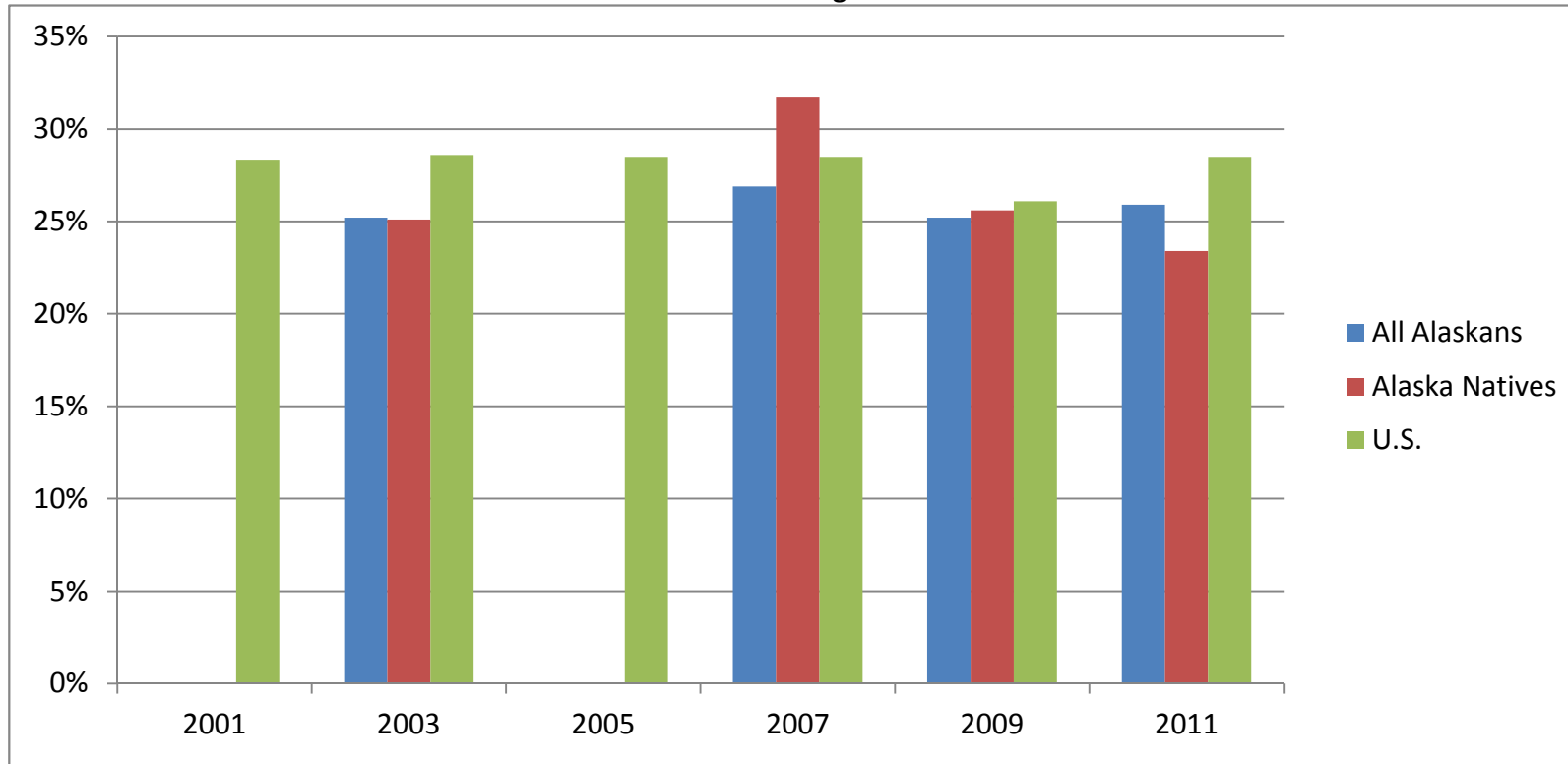
**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, 2001-2003 Standard Behavioral Risk Factor Surveillance System survey only, 2004 - 2009 Standard and Supplemental BRFSS surveys combined

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Data for Alaska Natives are reported in three-year averages with the last of the three-year reporting period shown.

Note: Post-stratification weighting all years

**17 Percentage of high school students who felt so sad or hopeless every day for 2 weeks or more in a row that they stopped doing some usual activities during the last 12 months**



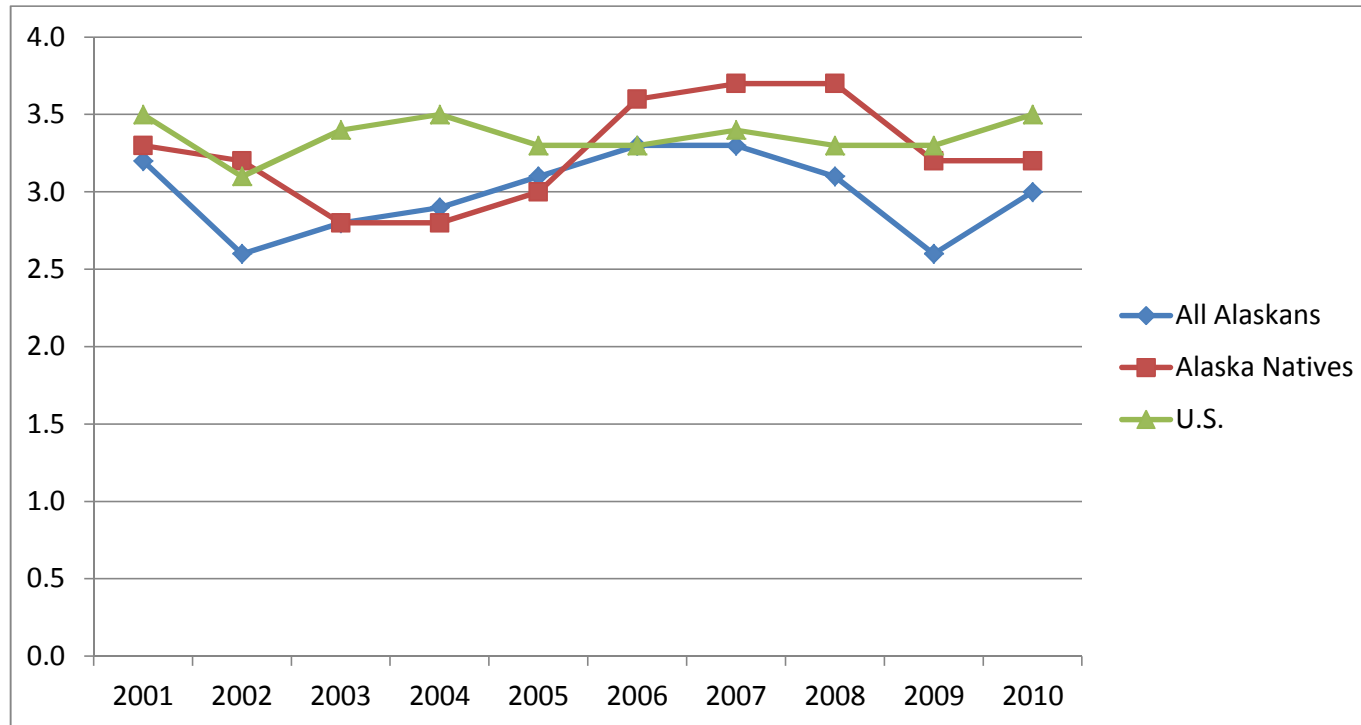
|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 25.2% | -     | 26.9% | 25.2% | 25.9% |
| Alaska Natives | -     | 25.1% | -     | 31.7% | 25.6% | 23.4% |
| U.S.           | 28.3% | 28.6% | 28.5% | 28.5% | 26.1% | 28.5% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009, and 2011.

**18 Mean number of days adults aged 18 and older report being mentally unhealthy**

|                |      |      |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 3.2  | 2.6  | 2.8  | 2.9  | 3.1  | 3.3  | 3.3  | 3.1  | 2.6  | 3.0  |
| Alaska Natives | 3.3  | 3.2  | 2.8  | 2.8  | 3.0  | 3.6  | 3.7  | 3.7  | 3.2  | 3.2  |
| U.S.           | 3.5  | 3.1  | 3.4  | 3.5  | 3.3  | 3.3  | 3.4  | 3.3  | 3.3  | 3.5  |
|                | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

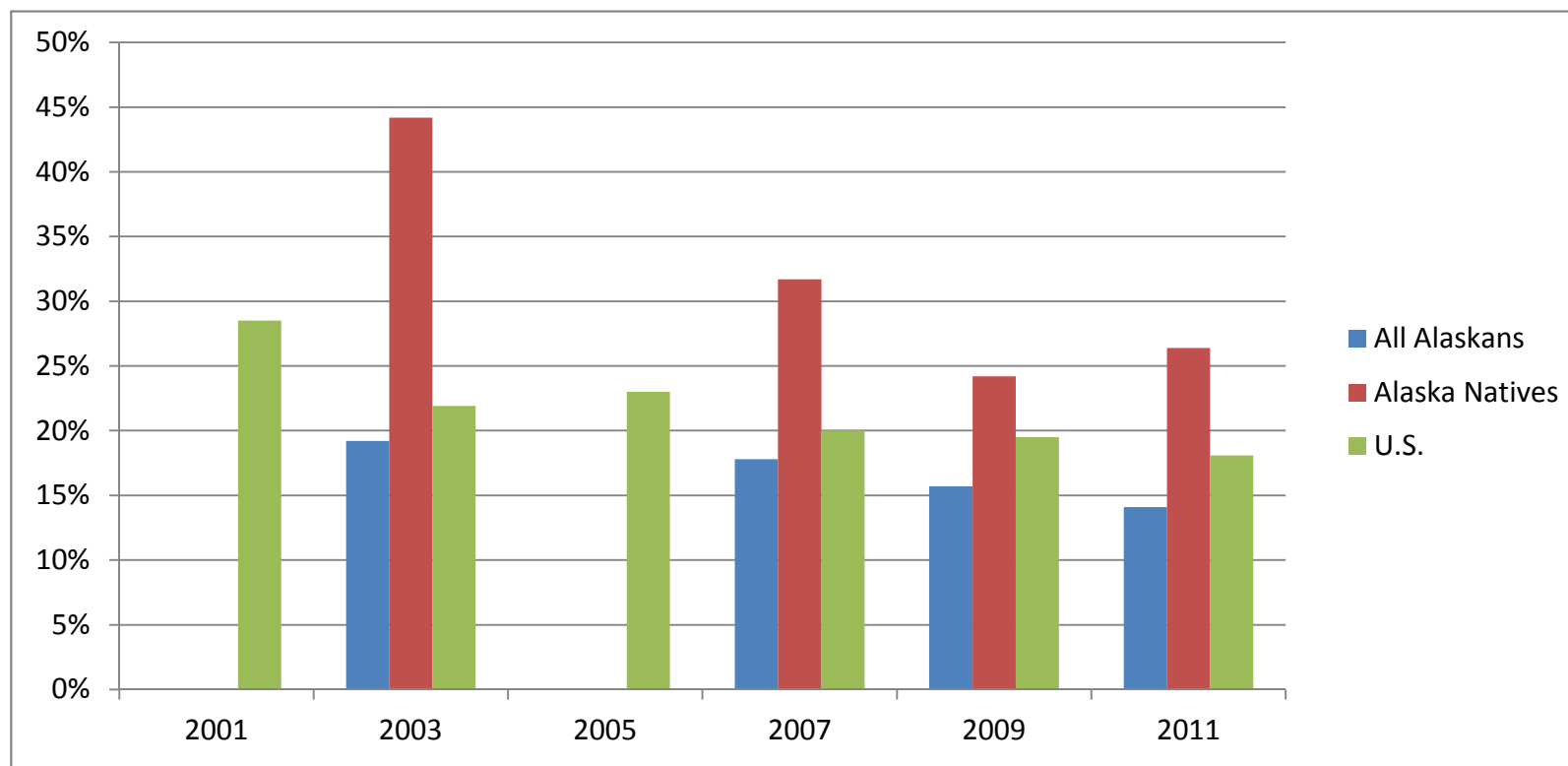
*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, 2001-2003 Standard Behavioral Risk Factor Surveillance System survey only, 2004 - 2009 Standard and Supplemental BRFSS surveys combined

**U.S.** – Behavioral Risk Factor Surveillance System, Centers for Disease Control and Prevention

Note: Data for Alaska Natives are reported in three-year averages with the last of the three-year reporting period shown. The 2002 U.S. data is for 23 states.

Note: Post-stratification weighting all years

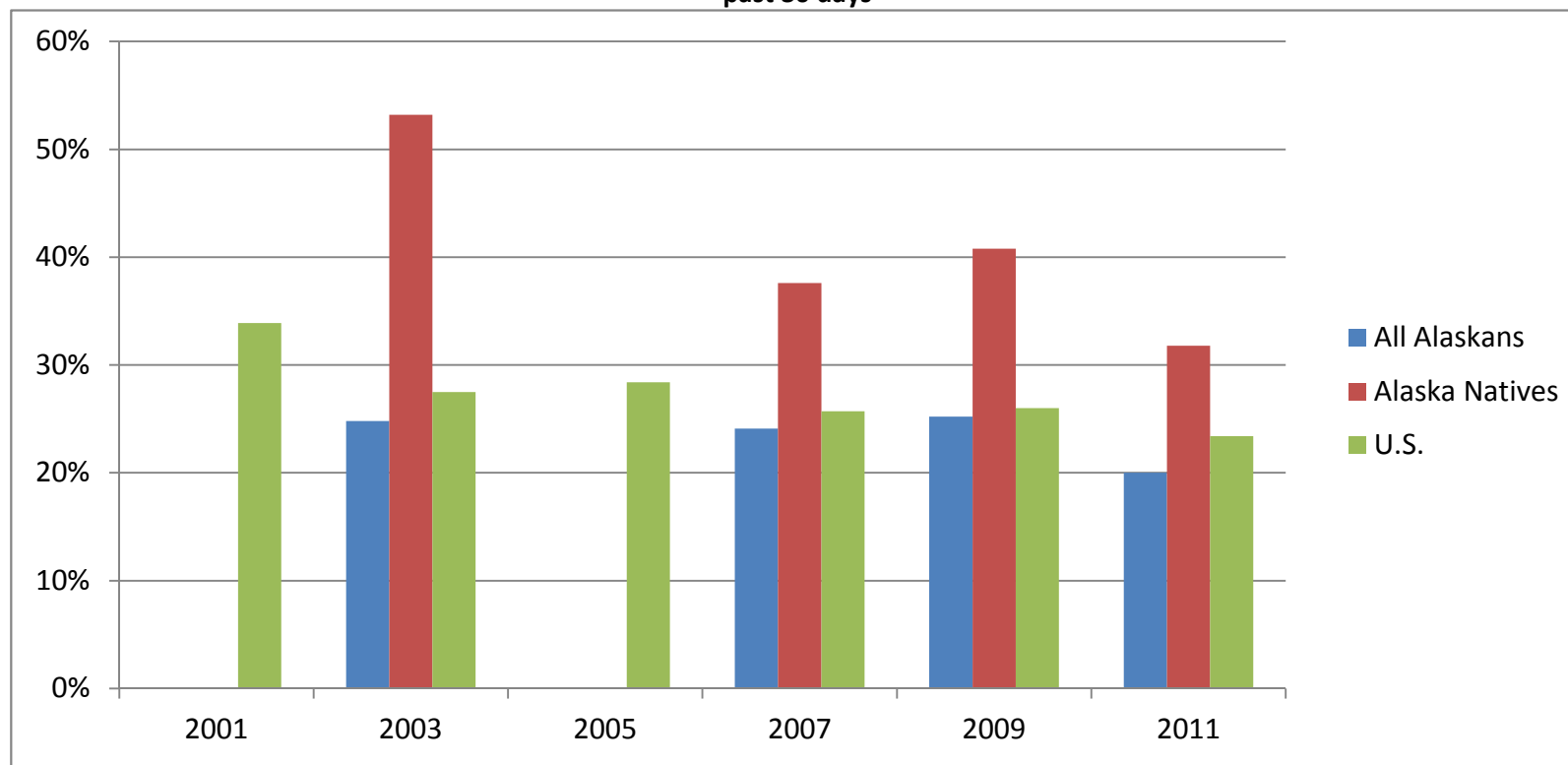
**19 Percentage of high school students who have smoked cigarettes on one or more of the past 30 days**

|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 19.2% | -     | 17.8% | 15.7% | 14.1% |
| Alaska Natives | -     | 44.2% | -     | 31.7% | 24.2% | 26.4% |
| U.S.           | 28.5% | 21.9% | 23.0% | 20.0% | 19.5% | 18.1% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009, and 2011.

**20 Percentage of high school students who smoked cigarettes or cigars or used chewing tobacco, snuff, or dip on one or more of the past 30 days**



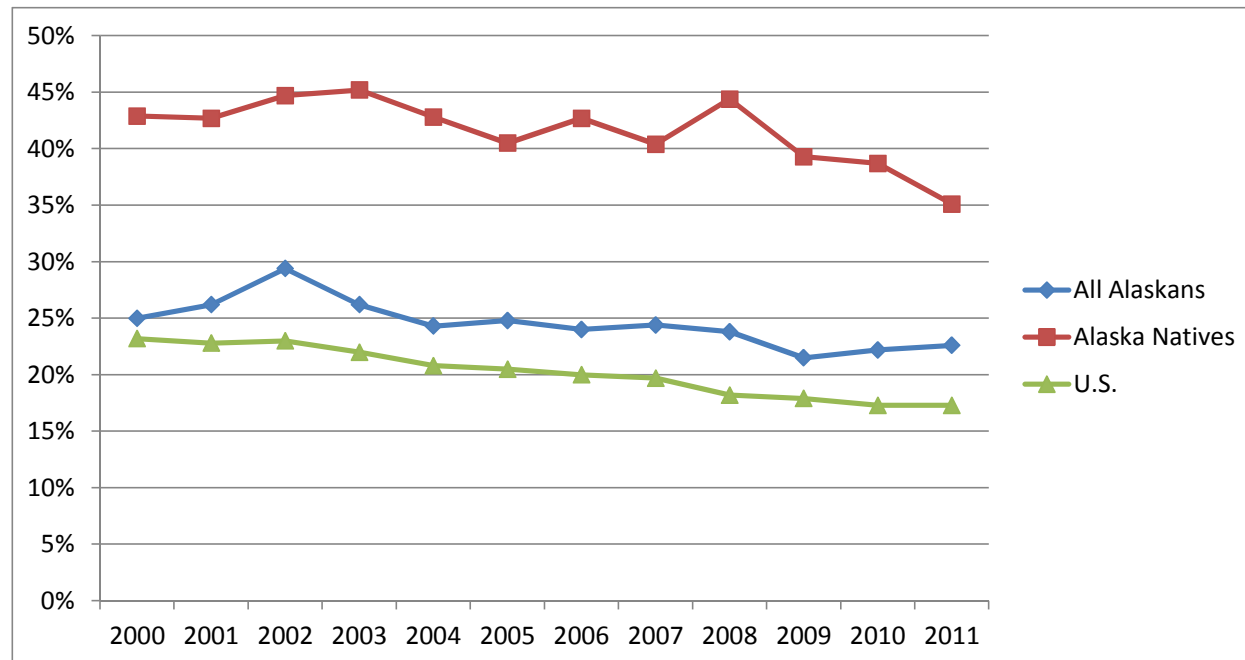
|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 24.8% | -     | 24.1% | 25.2% | 20.0% |
| Alaska Natives | -     | 53.2% | -     | 37.6% | 40.8% | 31.8% |
| U.S.           | 33.9% | 27.5% | 28.4% | 25.7% | 26.0% | 23.4% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009, and 2011.

**21 Percentage of adults (aged 18 years and older) who currently smoke cigarettes**

|                |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 25.0% | 26.2% | 29.4% | 26.2% | 24.3% | 24.8% | 24.0% | 24.4% | 23.8% | 21.5% | 22.2% | 22.6% |
| Alaska Natives | 42.9% | 42.7% | 44.7% | 45.2% | 42.8% | 40.5% | 42.7% | 40.4% | 44.4% | 39.3% | 38.7% | 35.1% |
| U.S.           | 23.2% | 22.8% | 23.0% | 22.0% | 20.8% | 20.5% | 20.0% | 19.7% | 18.2% | 17.9% | 17.3% | 17.3% |
|                | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Behavioral Risk Factor Surveillance System, Alaska Department of Health and Social Services

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

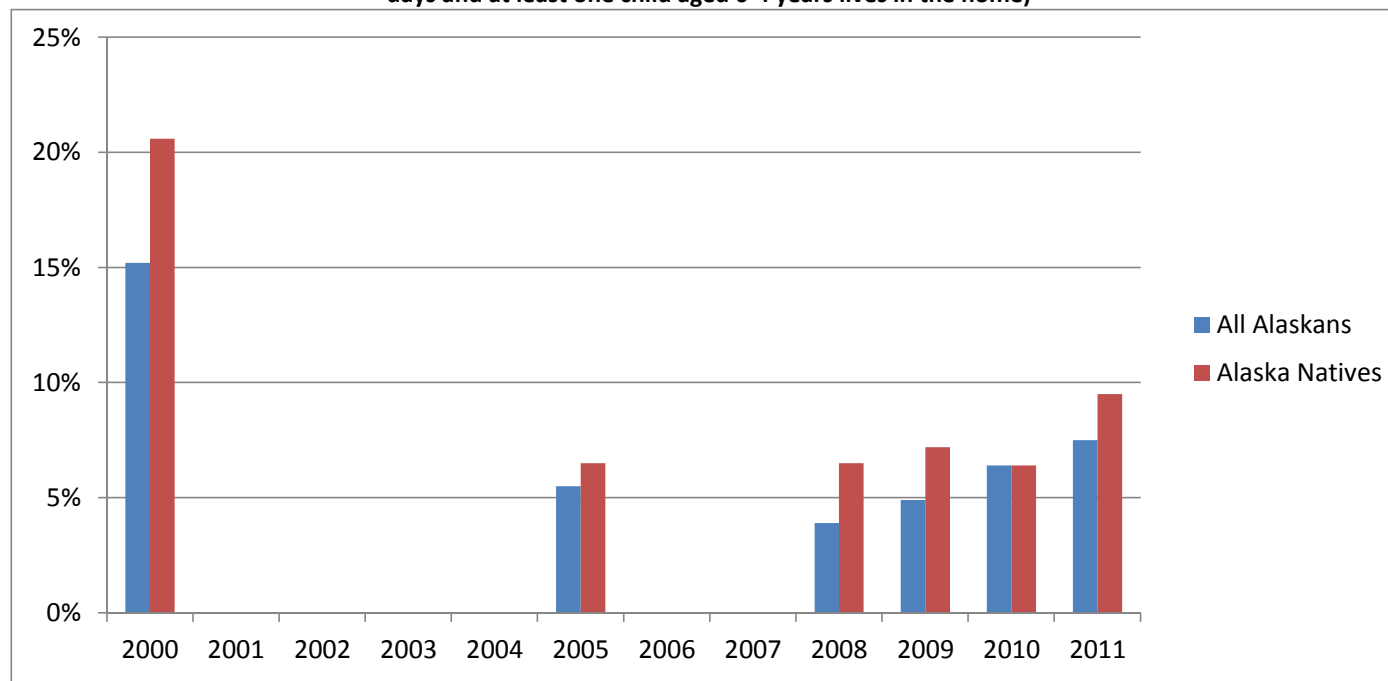
Note: Alaska data were obtained from the Standard AK BRFSS from 2000 through 2003, and from the Standard and Supplemental AK BRFSS surveys combined from 2004 through 2011. The Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS and allows a doubling of the BRFSS sample size for those measures included on both surveys.

Post-stratification weights were used for Alaska data from 2000 through 2006; raking weights were used from 2007 through 2011.

For more on this methodological change see: <http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

<http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

**22 Percentage of children exposed to tobacco smoke at home (percent of households in which someone has smoked in the past 30 days and at least one child aged 0-4 years lives in the home)**



|                |       |      |      |      |      |      |      |      |      |      |      |      |
|----------------|-------|------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans   | 15.2% | -    | -    | -    | -    | 5.5% | -    | -    | 3.9% | 4.9% | 6.4% | 7.5% |
| Alaska Natives | 20.6% | -    | -    | -    | -    | 6.5% | -    | -    | 6.5% | 7.2% | 6.4% | 9.5% |
|                | 2000  | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |

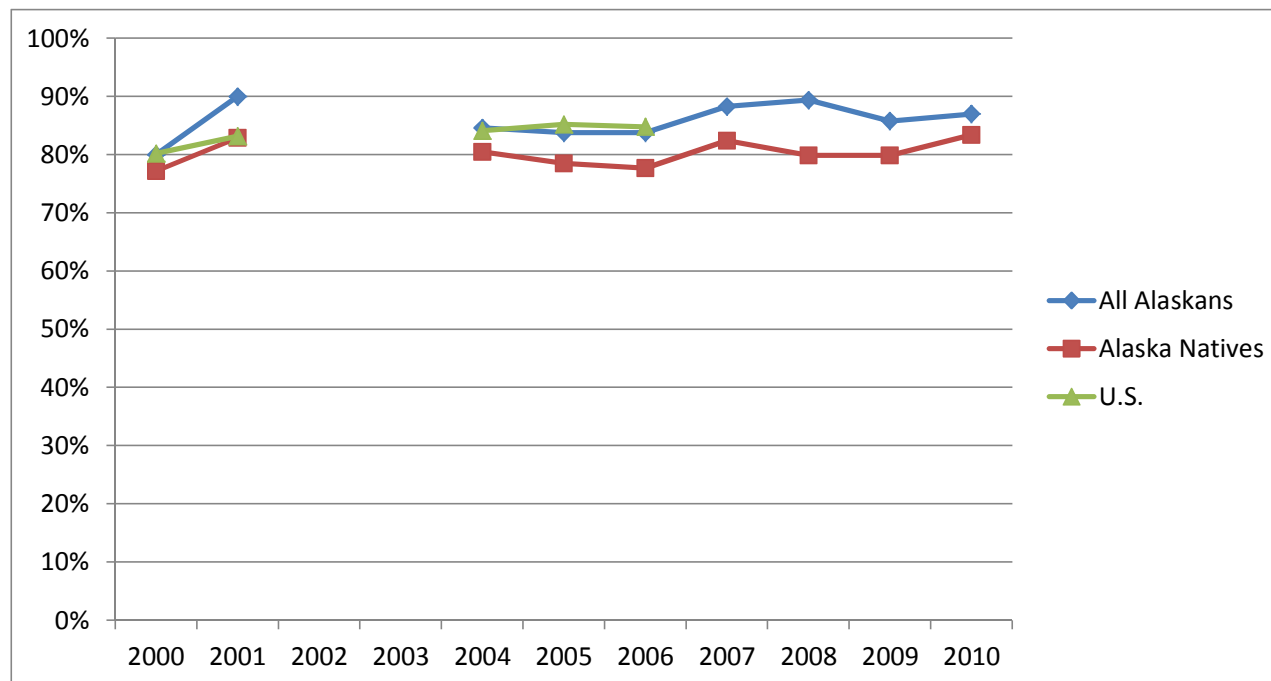
*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, 2000 Alaska Behavioral Risk Factor Surveillance System Standard survey only, 2005 and 2008-2011 Supplemental BRFSS survey only

Note: The above data relates to the percentage of adults age 18 and older living in homes in which smoking is allowed and children 0-4 are present.

Post-stratification weights were used for Alaska data from 2000 and 2005; raking weights were used from 2008 through 2011. For more on this methodological change see: <http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.



**23 Percentage of adults who work in environments where smoking is not allowed in indoor work areas**

|                |       |       |      |      |       |       |       |       |       |       |       |
|----------------|-------|-------|------|------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 80.0% | 90.0% | -    | -    | 84.6% | 83.8% | 83.8% | 88.3% | 89.4% | 85.8% | 87.0% |
| Alaska Natives | 77.2% | 82.9% | -    | -    | 80.5% | 78.5% | 77.7% | 82.4% | 79.9% | 79.9% | 83.4% |
| U.S.           | 80.2% | 83.2% | -    | -    | 84.1% | 85.2% | 84.8% | -     | -     | -     | -     |
|                | 2000  | 2001  | 2002 | 2003 | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System 2000-2001; Supplemental BRFSS (2004-2010)

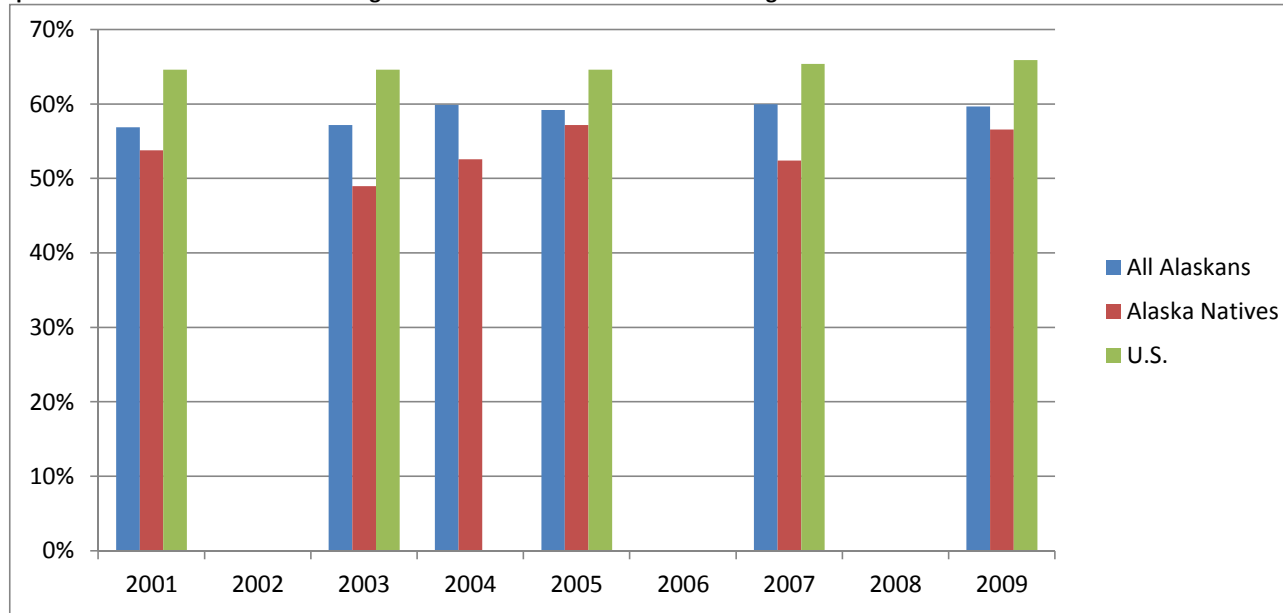
**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Alaska data were obtained from the Standard AK BRFSS from 2000 through 2001, and from the Standard and Supplemental AK BRFSS surveys combined from 2004 through 2010. The Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS and allows a doubling of the BRFSS sample size for those measures included on both surveys.

Data shows percentage of adults who work in environments where smoking is not allowed in indoor work areas, of those who work part or full time, and mostly indoors

24

**Percentage of adults (aged 18 years and older) who meet the 2008 physical activity guidelines (150 minutes or more total minutes per week of moderate exercise or vigorous exercise where each minute of vigorous exercise contributes two minutes to the total)**



|                |       |      |       |       |       |      |       |      |       |
|----------------|-------|------|-------|-------|-------|------|-------|------|-------|
| All Alaskans   | 56.9% | -    | 57.2% | 59.9% | 59.2% | -    | 60.0% | -    | 59.7% |
| Alaska Natives | 53.8% | -    | 49.0% | 52.6% | 57.2% | -    | 52.4% | -    | 56.6% |
| U.S.           | 64.6% | -    | 64.6% | -     | 64.6% | -    | 65.4% | -    | 65.9% |
|                | 2001  | 2002 | 2003  | 2004  | 2005  | 2006 | 2007  | 2008 | 2009  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System

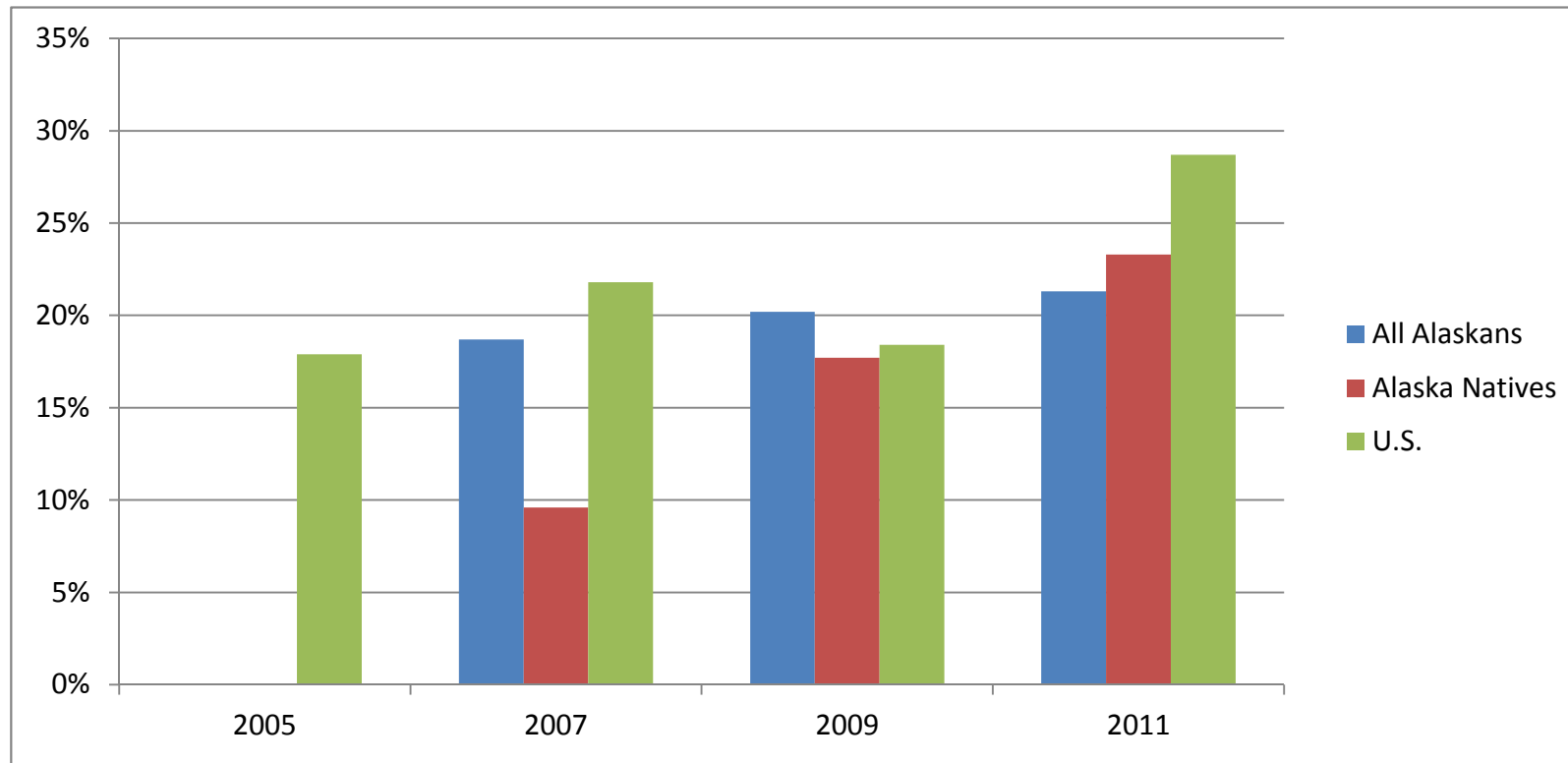
**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: There have been changes in physical activity guidelines during the years shown. The above data reflects the new guidelines. Starting in 2011, the BRFSS measure was once again changed. Alaska data were obtained from the Standard AK BRFSS survey in odd years, and from the Supplemental BRFSS survey in 2004. The Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS and allows a doubling of the BRFSS sample size for those measures included on both surveys.

Post-stratification weights were used for Alaska data from 2001 through 2005; raking weights were used from 2007 through 2009.

For more on this methodological change see:

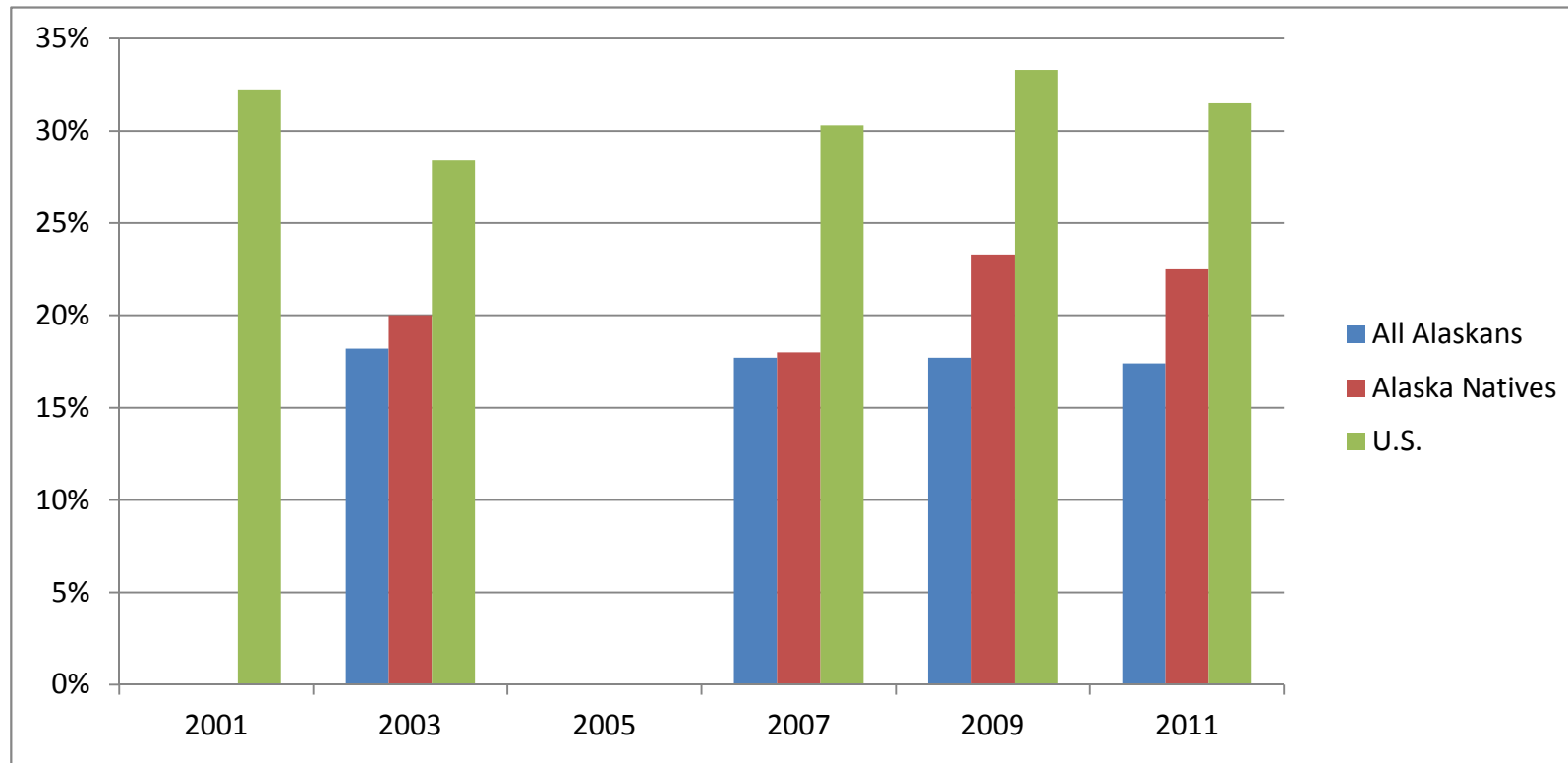
<http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

**25 Percentage of high school students who engage in at least 60 minutes of physical activity a day, every day of the week**

|                |       |       |       |       |
|----------------|-------|-------|-------|-------|
| All Alaskans   | -     | 18.7% | 20.2% | 21.3% |
| Alaska Natives | -     | 9.6%  | 17.7% | 23.3% |
| U.S.           | 17.9% | 21.8% | 18.4% | 28.7% |
|                | 2005  | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

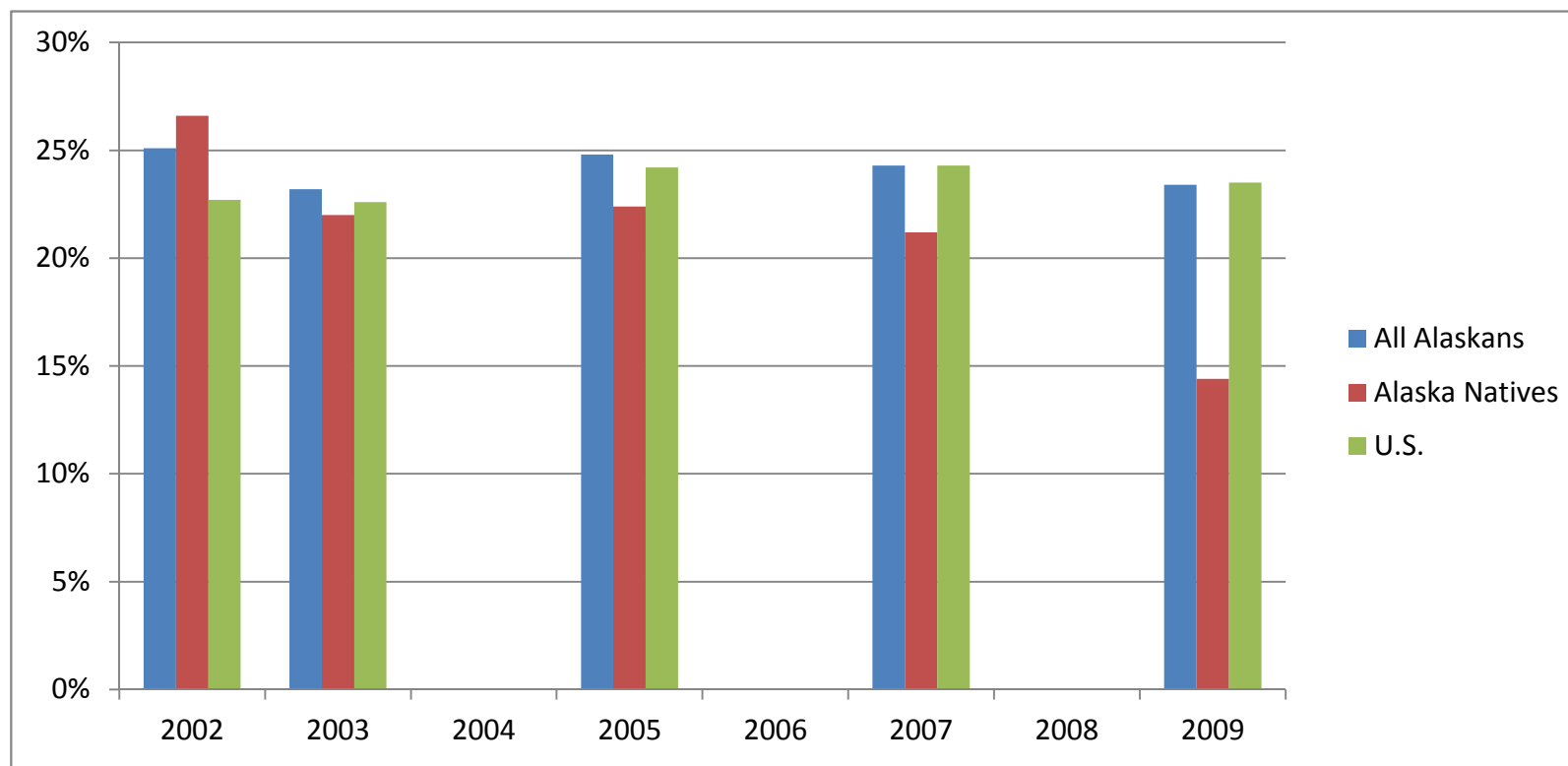
Note: The YRBS measure was changed in 2005 to reflect the new physical activity guidelines. The above data reflects the new guidelines. Weighted Alaska data for this indicator were obtained in 2007, 2009 and 2011.

**26 Percentage of high school students who participate in daily school physical education (attend PE class daily)**

|                |       |       |      |       |       |       |
|----------------|-------|-------|------|-------|-------|-------|
| All Alaskans   | -     | 18.2% | -    | 17.7% | 17.7% | 17.4% |
| Alaska Natives | -     | 20.0% | -    | 18.0% | 23.3% | 22.5% |
| U.S.           | 32.2% | 28.4% | 33.0 | 30.3% | 33.3% | 31.5% |
|                | 2001  | 2003  | 2005 | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

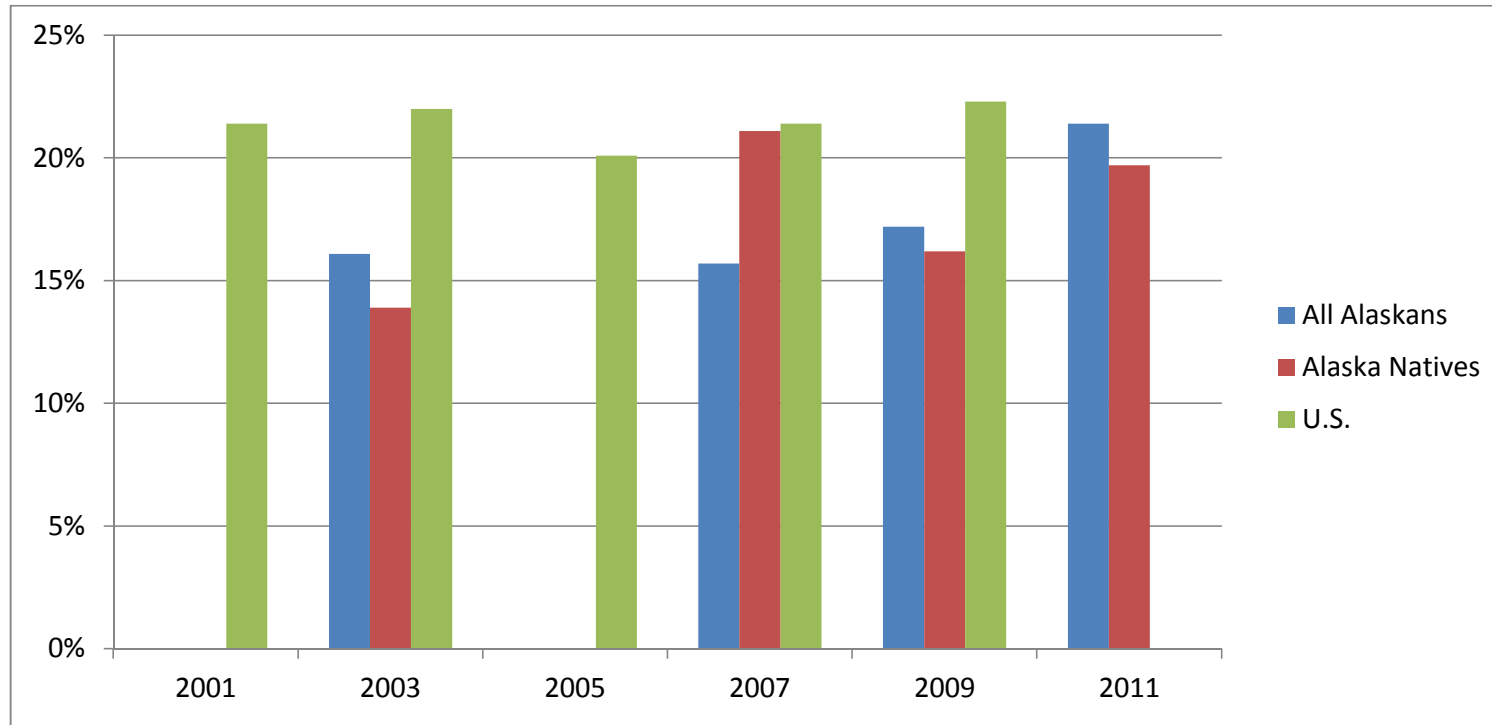
Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.

**27 Percentage of adults (aged 18 years and older) who consume at least 5 daily servings of fruits and vegetables**

|                |       |       |      |       |      |       |      |       |
|----------------|-------|-------|------|-------|------|-------|------|-------|
| All Alaskans   | 25.1% | 23.2% | -    | 24.8% | -    | 24.3% | -    | 23.4% |
| Alaska Natives | 26.6% | 22.0% | -    | 22.4% | -    | 21.2% | -    | 14.4% |
| U.S.           | 22.7% | 22.6% | -    | 24.2% | -    | 24.3% | -    | 23.5% |
|                | 2002  | 2003  | 2004 | 2005  | 2006 | 2007  | 2008 | 2009  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Standard Alaska Behavioral Risk Factor Surveillance System Survey**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Post-stratification weighting all years

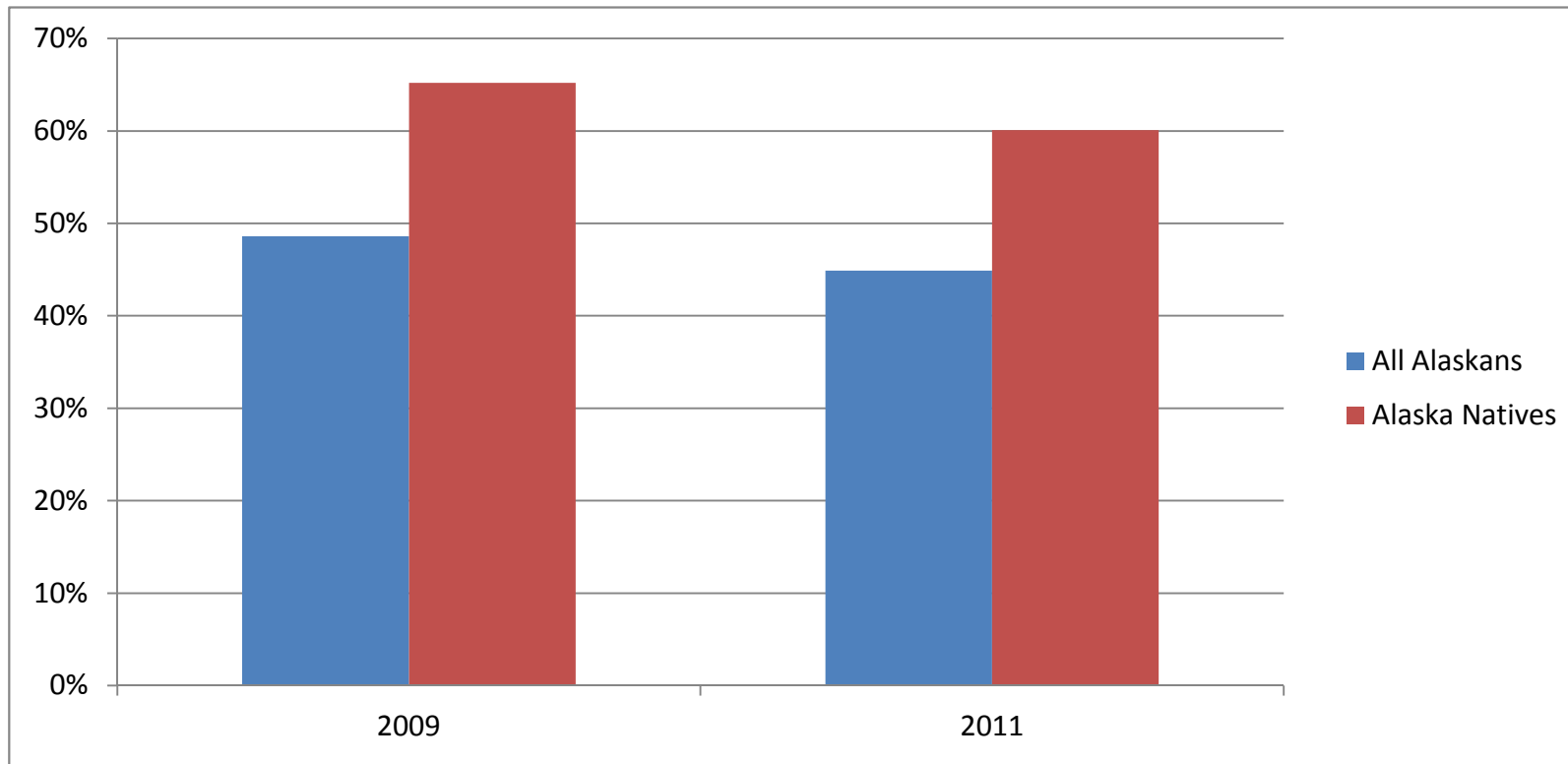
**28 Percentage of high school students who ate fruits and vegetables 5 or more times per day**

|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 16.1% | -     | 15.7% | 17.2% | 21.4% |
| Alaska Natives | -     | 13.9% | -     | 21.1% | 16.2% | 19.7% |
| U.S.           | 21.4% | 22.0% | 20.1% | 21.4% | 22.3% | -     |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Centers for Disease Control and Prevention is no longer reporting the 5 or more servings of fruits and vegetables; they have changed it to 3+ servings of vegetables and 2+ servings of fruits. Data in future years may be difficult to compare.

Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011

**29 Percentage of high school students who consume 1 or more sugar-sweetened beverage daily**

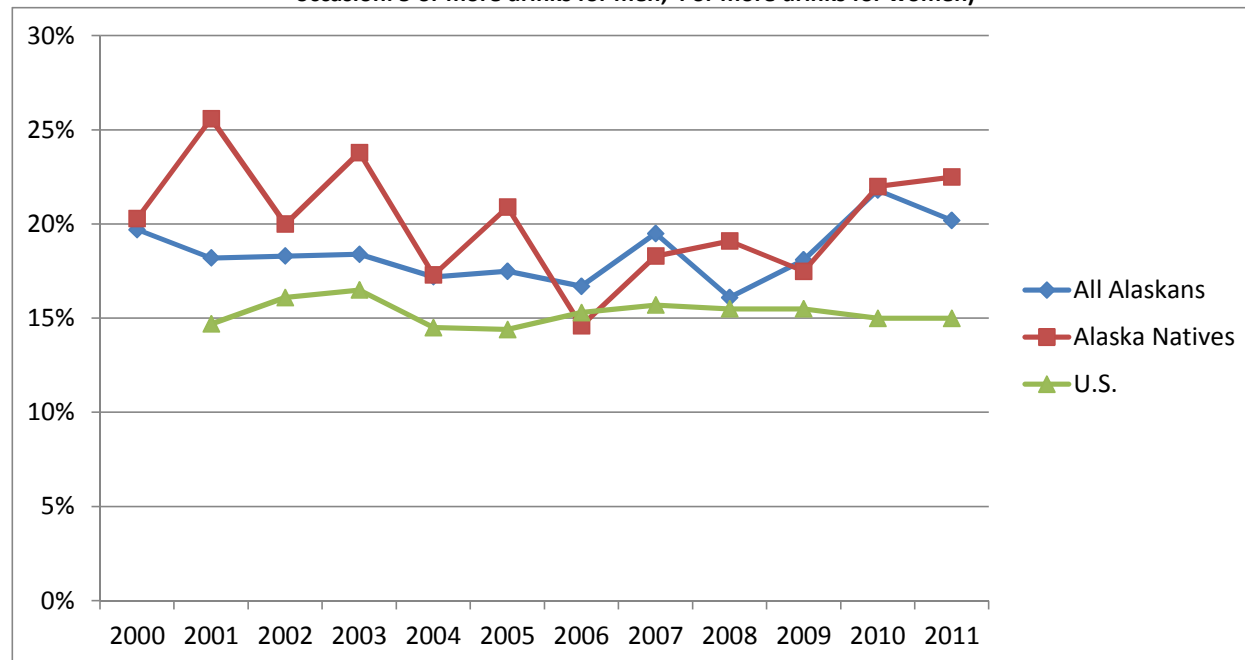
|                |       |       |
|----------------|-------|-------|
| All Alaskans   | 48.6% | 44.9% |
| Alaska Natives | 65.2% | 60.1% |
|                | 2009  | 2011  |

*Data Source:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

Weighted Alaska data for this indicator were obtained in 2009 and 2011

**30 Percentage of adults (aged 18 years and older) who report binge drinking in the past 30 days (consumed on one occasion: 5 or more drinks for men; 4 or more drinks for women)**



|                |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 19.7% | 18.2% | 18.3% | 18.4% | 17.2% | 17.5% | 16.7% | 19.5% | 16.1% | 18.1% | 21.8% | 20.2% |
| Alaska Natives | 20.3% | 25.6% | 20.0% | 23.8% | 17.3% | 20.9% | 14.6% | 18.3% | 19.1% | 17.5% | 22.0% | 22.5% |
| U.S.           | -     | 14.7% | 16.1% | 16.5% | 14.5% | 14.4% | 15.3% | 15.7% | 15.5% | 15.5% | 15.0% | 15.0% |
|                | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Alaska data were obtained from the Standard AK BRFSS from 2000 through 2003, 2005 through 2007, and 2009 through 2011, and from the Standard and Supplemental AK BRFSS surveys combined in 2004 and 2008. The Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS and allows a doubling of the BRFSS sample size for those measures included on both surveys.

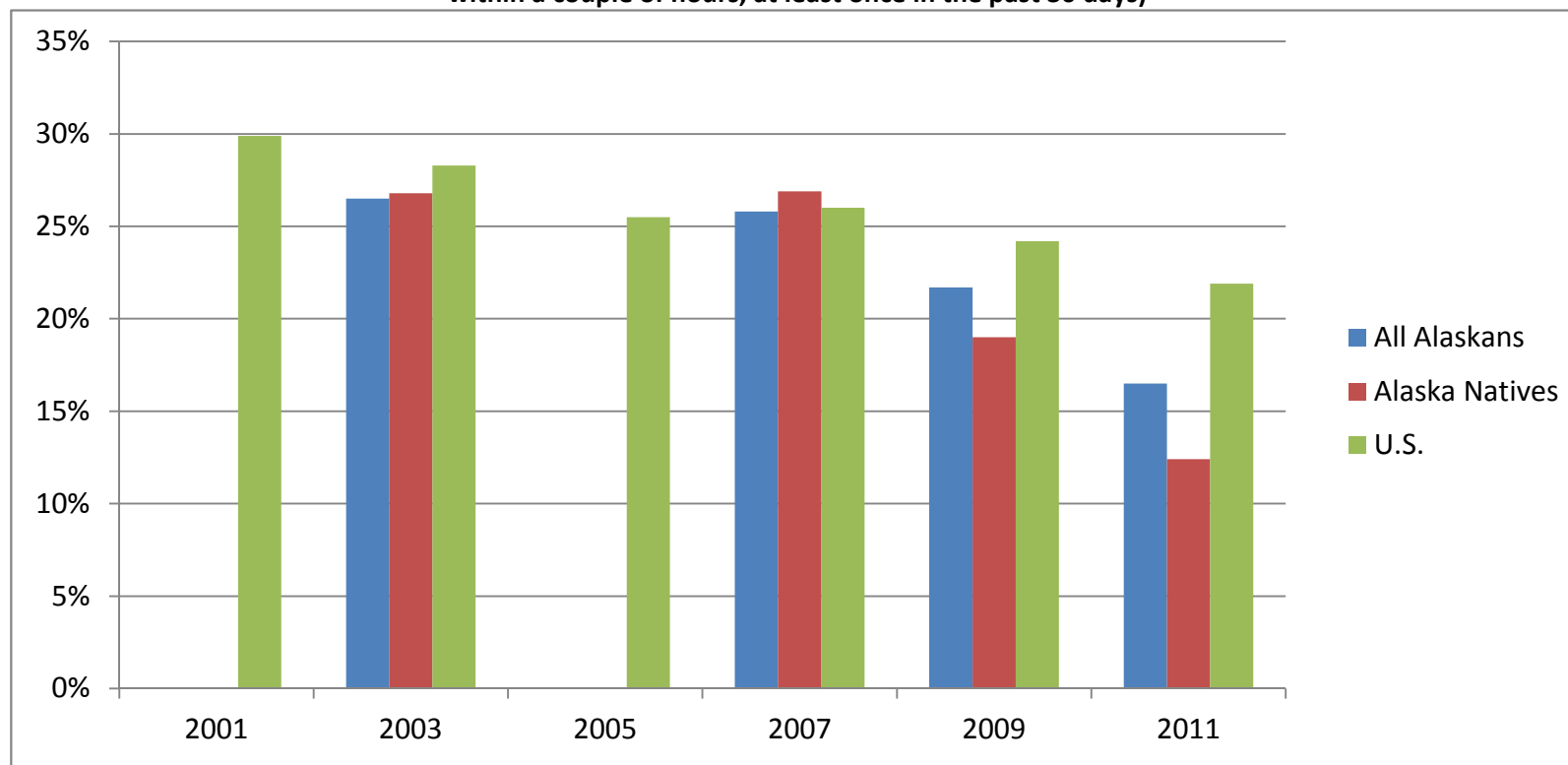
Post-stratification weights were used for Alaska data from 2000 through 2006; raking weights were used from 2007 through 2011.

For more on this methodological change see:

<http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.



**31 Percentage of high school students who report binge drinking in the past 30 days (consumed 5 or more alcoholic drinks in a row within a couple of hours, at least once in the past 30 days)**



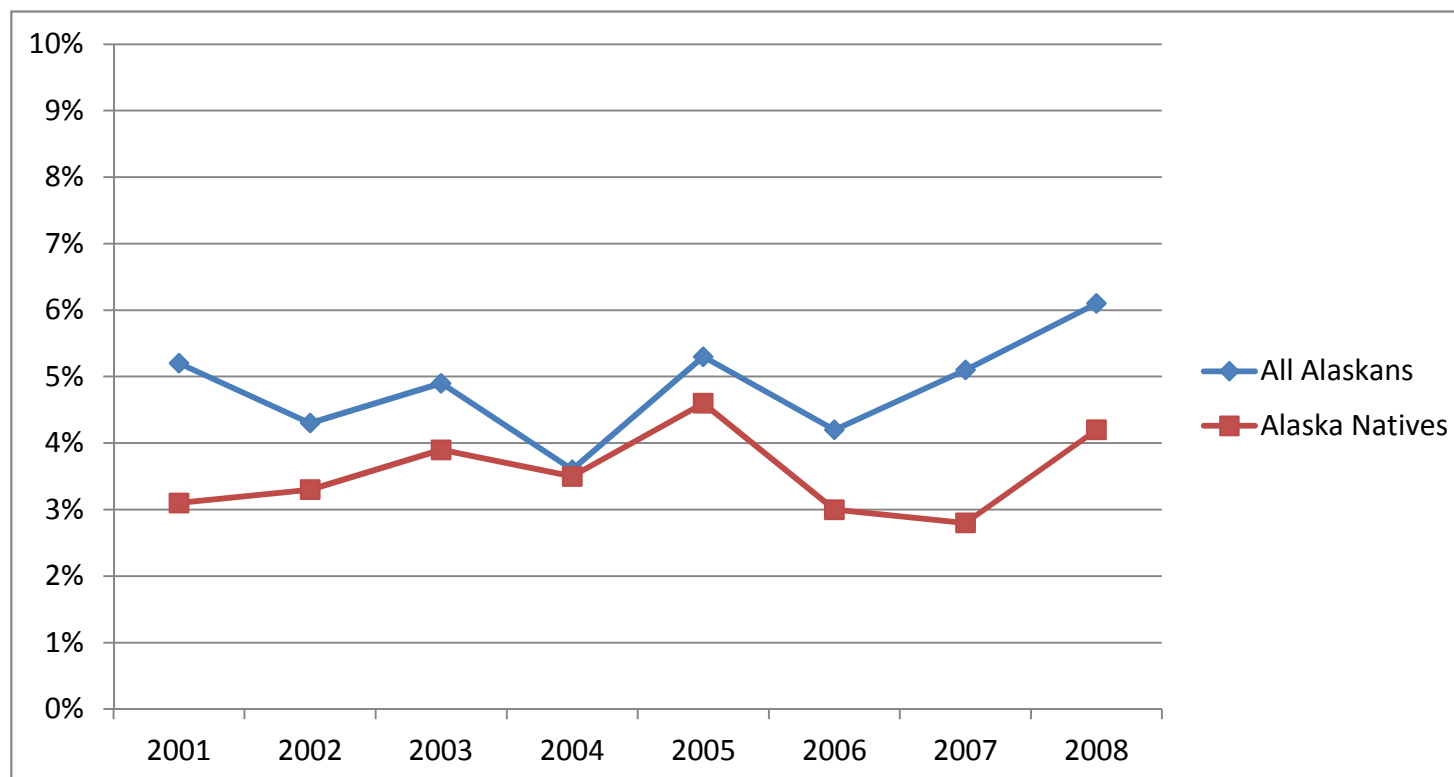
|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 26.5% | -     | 25.8% | 21.7% | 16.5% |
| Alaska Natives | -     | 26.8% | -     | 26.9% | 19.0% | 12.4% |
| U.S.           | 29.9% | 28.3% | 25.5% | 26.0% | 24.2% | 21.9% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.

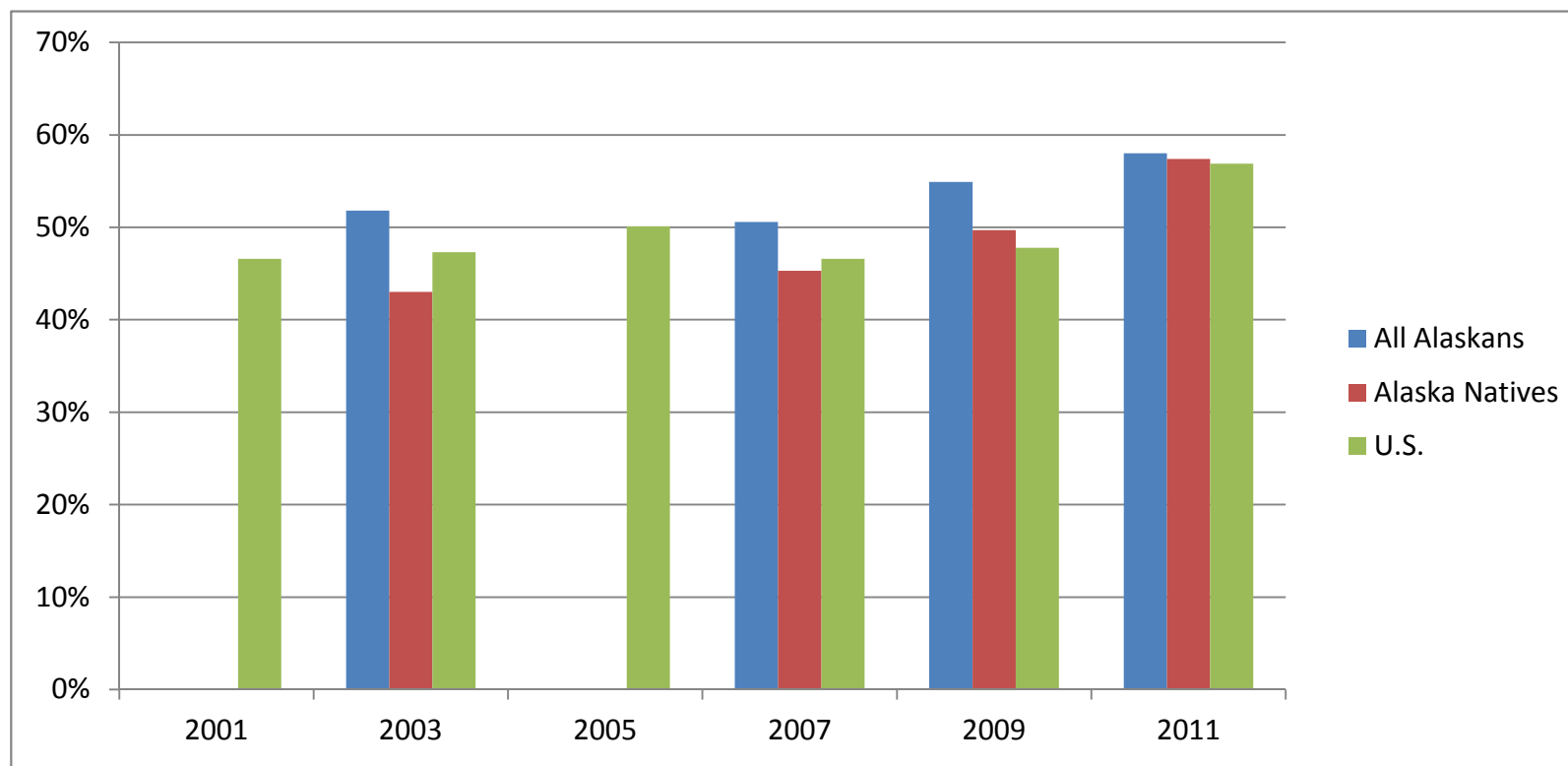
**32 Percentage of women who delivered a live birth who report use of alcohol during last 3 months of pregnancy**

|                |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|
| All Alaskans   | 5.2% | 4.3% | 4.9% | 3.6% | 5.3% | 4.2% | 5.1% | 6.1% |
| Alaska Natives | 3.1% | 3.3% | 3.9% | 3.5% | 4.6% | 3.0% | 2.8% | 4.2% |
|                | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Pregnancy Risk Assessment Monitoring System (PRAMS)

Note: No U.S. data is shown because not all states participate in PRAMS.

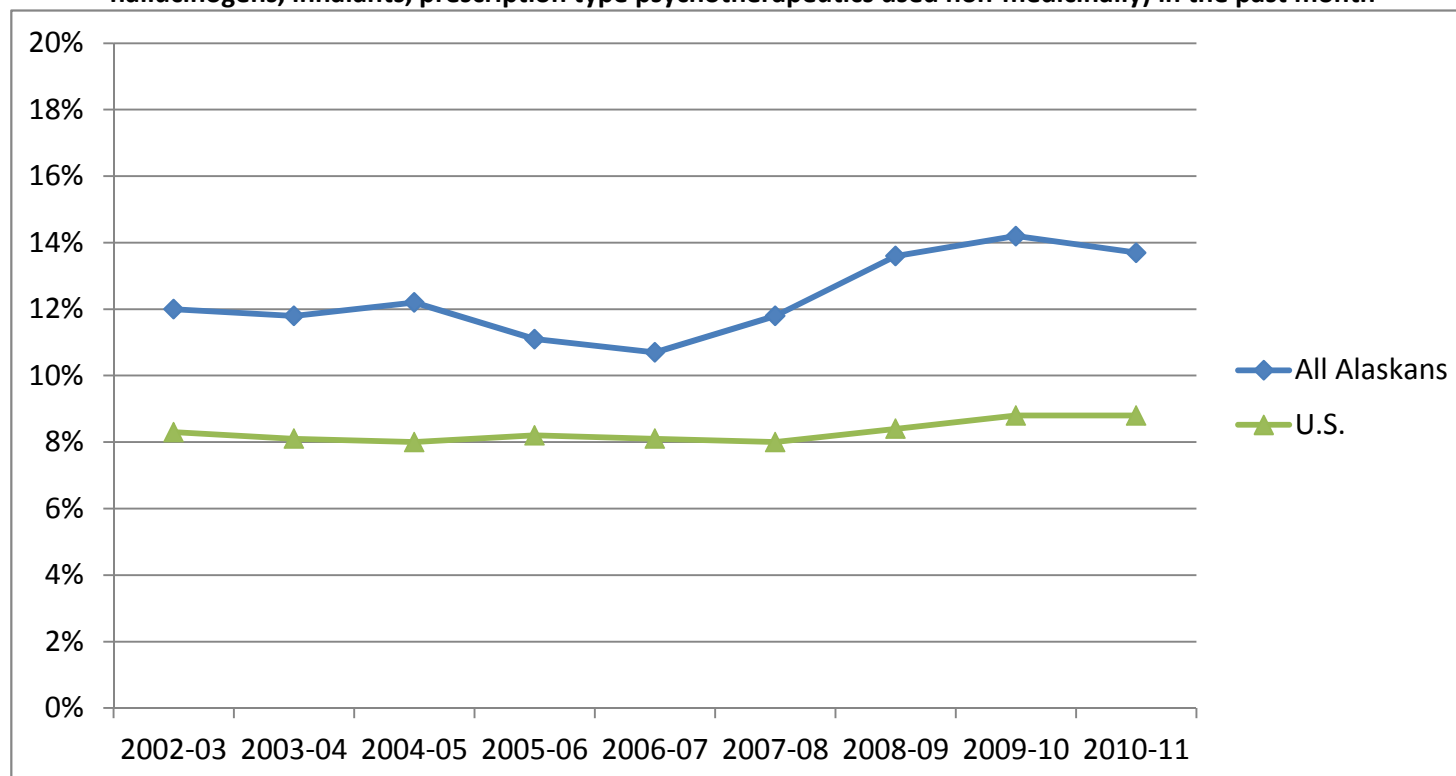
**33 Percentage of high school students who have not used alcohol, marijuana, or cocaine in the past 30 days**

|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 51.8% | -     | 50.6% | 54.9% | 58.0% |
| Alaska Natives | -     | 43.0% | -     | 45.3% | 49.7% | 57.4% |
| U.S.           | 46.6% | 47.3% | 50.1% | 46.6% | 47.8% | 56.9% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.

**34 Percentage of population aged 12 or older that have used an illicit drug (marijuana/hash, cocaine, heroin, hallucinogens, inhalants, prescription type psychotherapeutics used non-medicinally) in the past month**



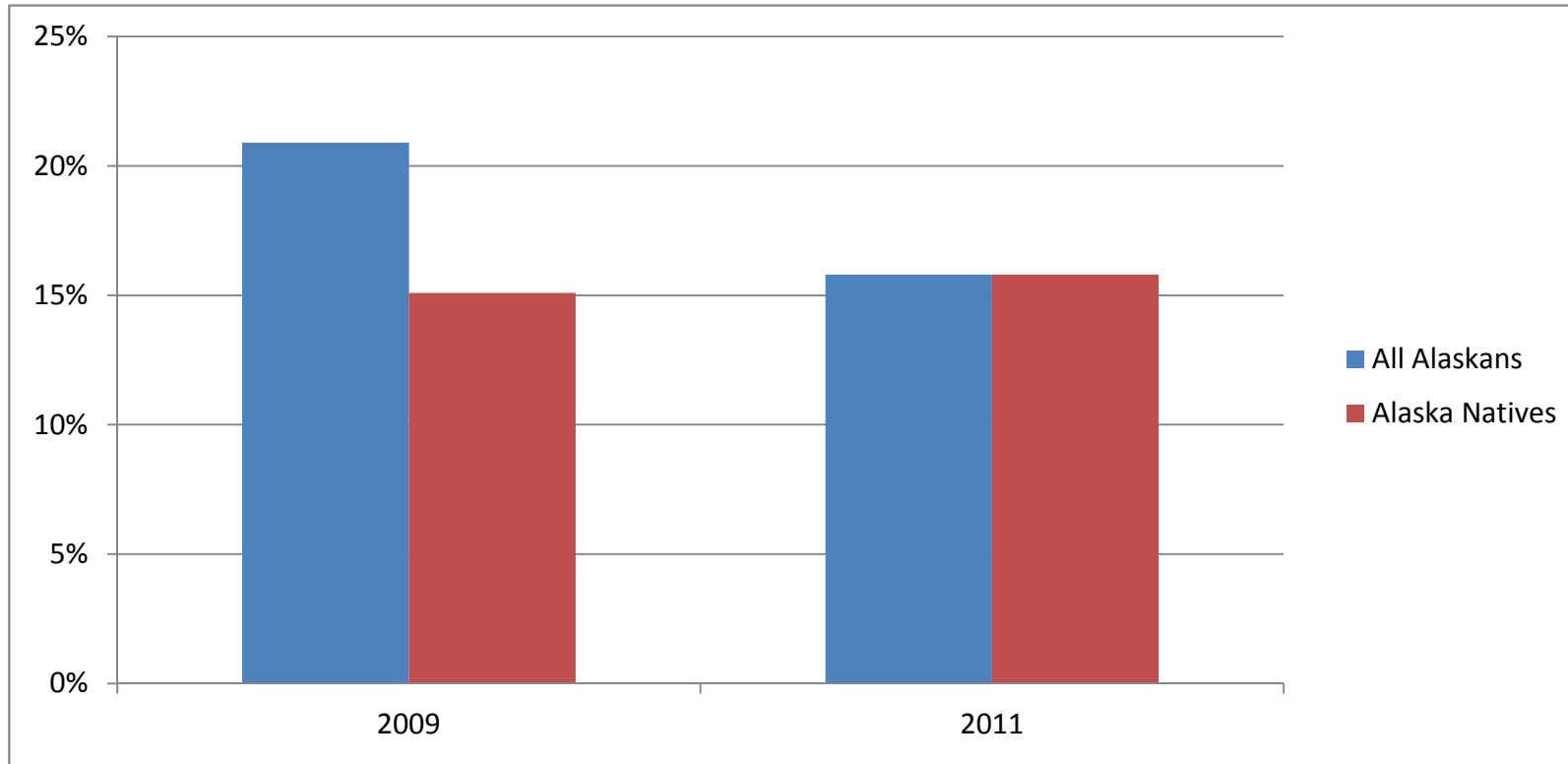
|                |         |         |         |         |         |         |         |         |         |
|----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| All Alaskans   | 12.0%   | 11.8%   | 12.2%   | 11.1%   | 10.7%   | 11.8%   | 13.6%   | 14.2%   | 13.7%   |
| Alaska Natives | -       | -       | -       | -       | -       | -       | -       | -       | -       |
| U.S.           | 8.3%    | 8.1%    | 8.0%    | 8.2%    | 8.1%    | 8.0%    | 8.4%    | 8.8%    | 8.8%    |
|                | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 |

*Data Sources:*

**Alaska/U.S.** – Substance Abuse and Mental Health Services Administration (SAMHSA), Center for Behavioral Health Statistics and Quality, National Survey on Drug Use and Health (NSDUH)

Note: State estimates are based on 2-year annual averages. NSDUH data available for Alaska Natives uses a different methodology and may not be suitable for comparison with 2-year annual estimates.

**35 Percentage of high school students who took a prescription drug without a doctor's prescription one or more times during the past 30 days**

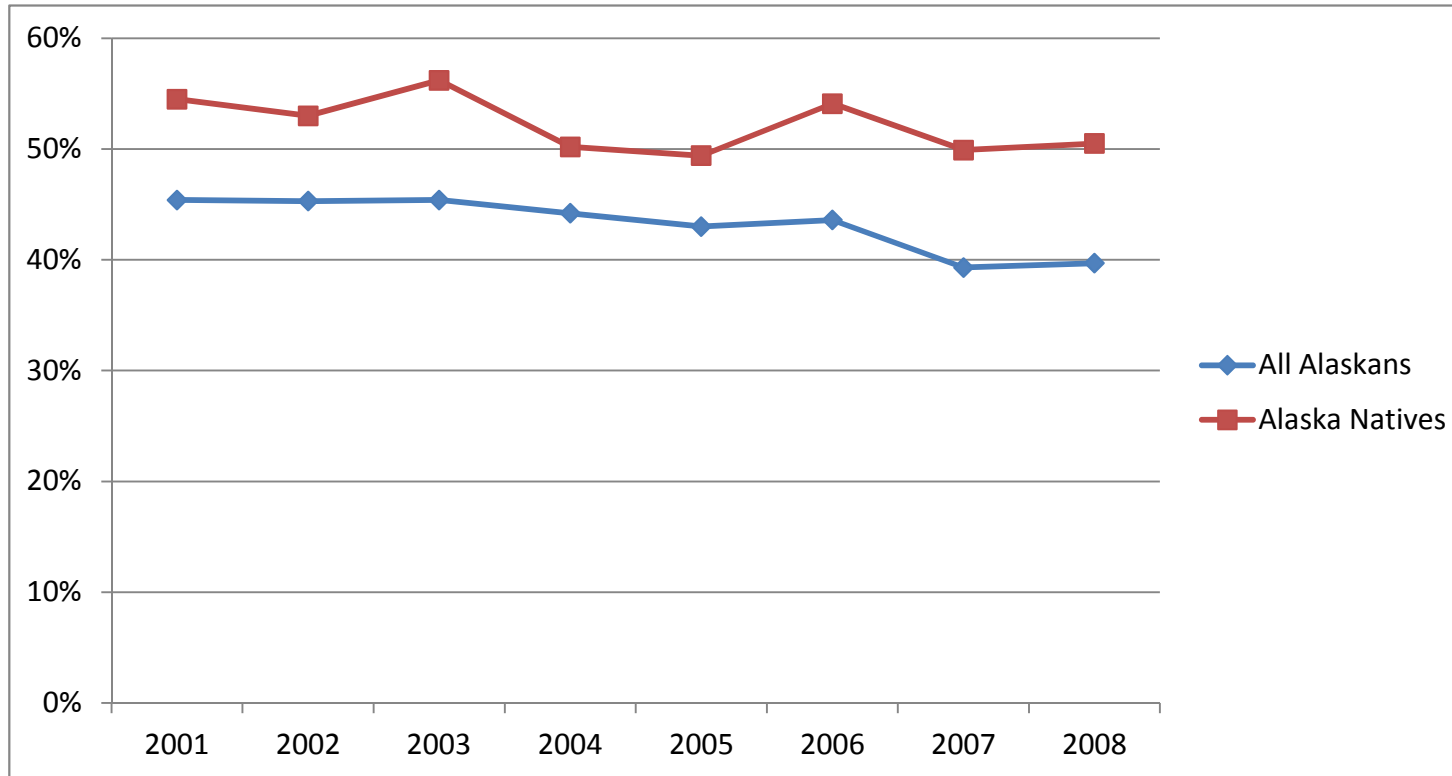


|                |       |       |
|----------------|-------|-------|
| All Alaskans   | 20.9% | 15.8% |
| Alaska Natives | 15.1% | 15.8% |
|                | 2009  | 2011  |

*Data Source:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

Weighted Alaska data for this indicator were obtained in 2009 and 2011

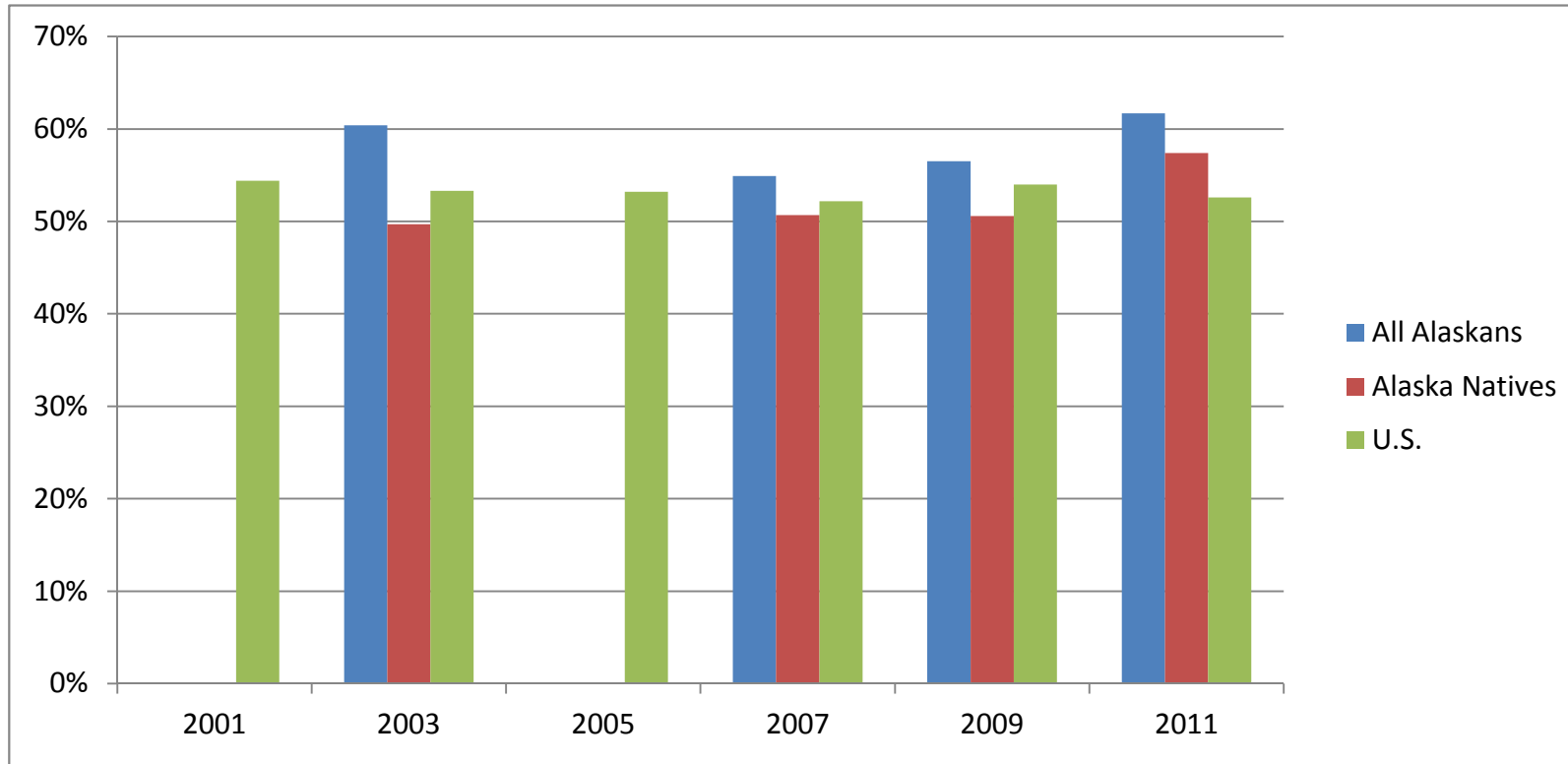
**36 Percentage of live births that occur as a result of an unintended pregnancy**

|                |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 45.4% | 45.3% | 45.4% | 44.2% | 43.0% | 43.6% | 39.3% | 39.7% |
| Alaska Natives | 54.5% | 53.0% | 56.2% | 50.2% | 49.4% | 54.1% | 49.9% | 50.5% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Pregnancy Risk Assessment Monitoring System (PRAMS)

Note: No U.S. data is shown because not all states participate in PRAMS.

**37 Percentage of high school students who have never engaged in sexual intercourse**

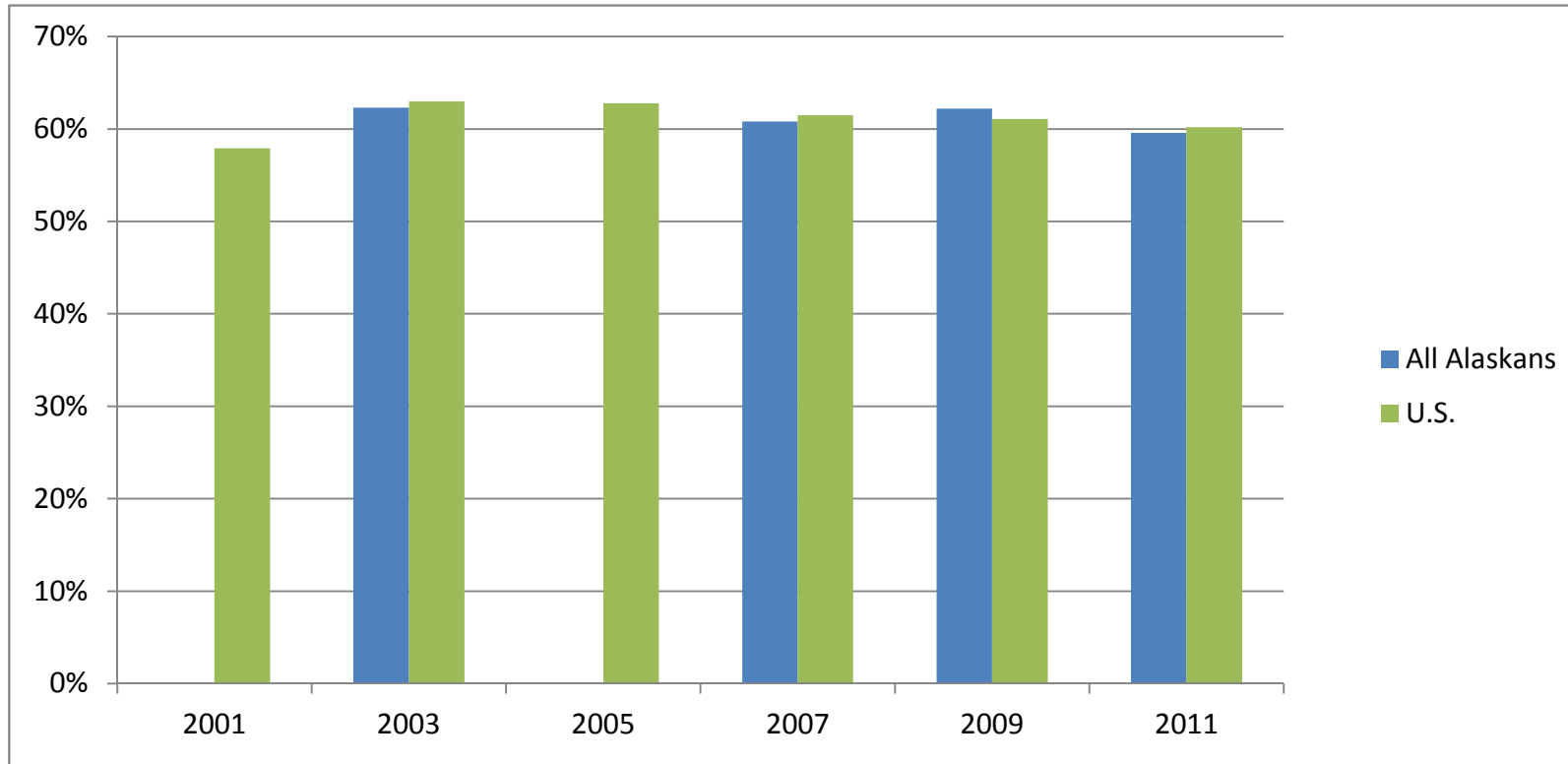
|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 60.4% | -     | 54.9% | 56.5% | 61.7% |
| Alaska Natives | -     | 49.7% | -     | 50.7% | 50.6% | 57.4% |
| U.S.           | 54.4% | 53.3% | 53.2% | 52.2% | 54.0% | 52.6% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.

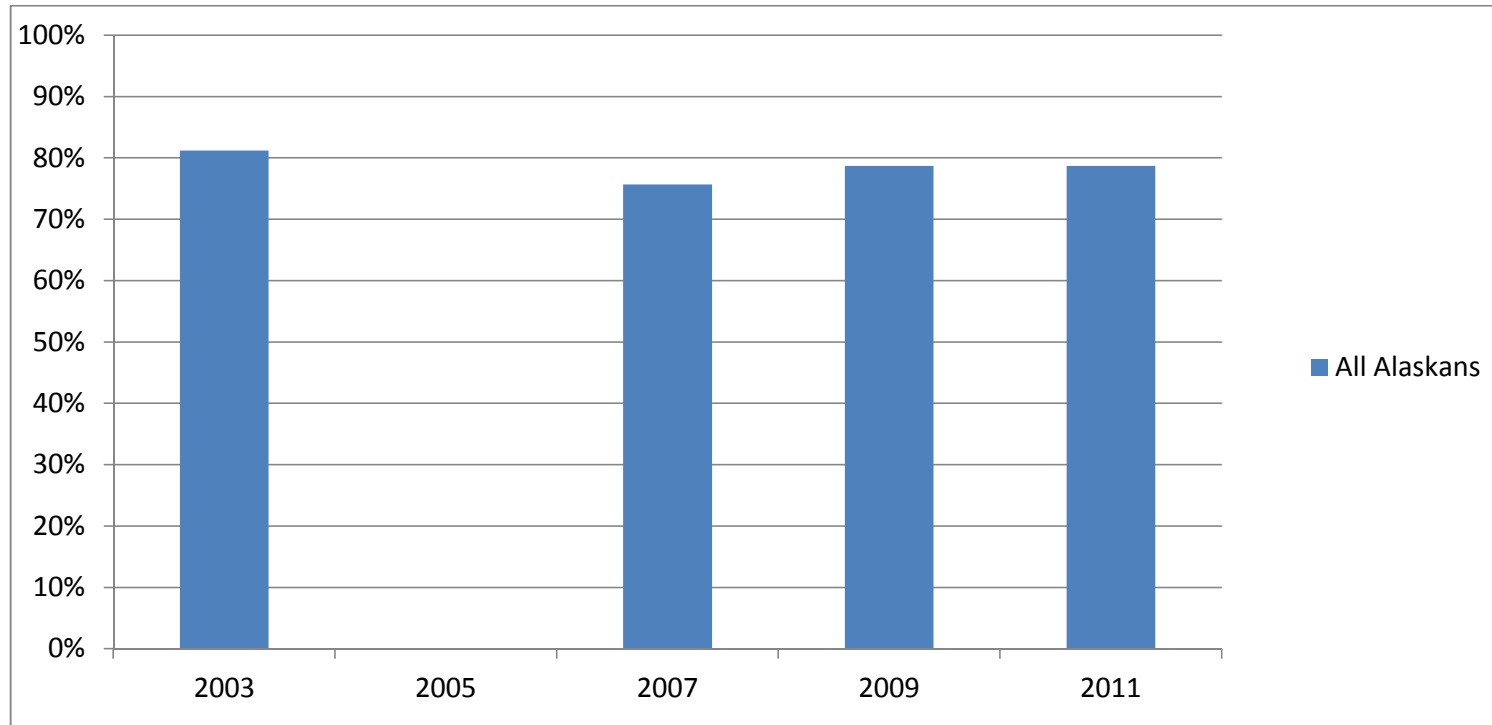
**38 Percentage of sexually active high school students using a condom at last intercourse**

|              |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|
| All Alaskans | -     | 62.3% | -     | 60.8% | 62.2% | 59.6% |
| U.S.         | 57.9% | 63.0% | 62.8% | 61.5% | 61.1% | 60.2% |
|              | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:***Alaska** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011; Alaska Native data were suppressed due to small sample size.



**39 Percentage of currently sexually active high school students using a condom or hormonal method at last intercourse**

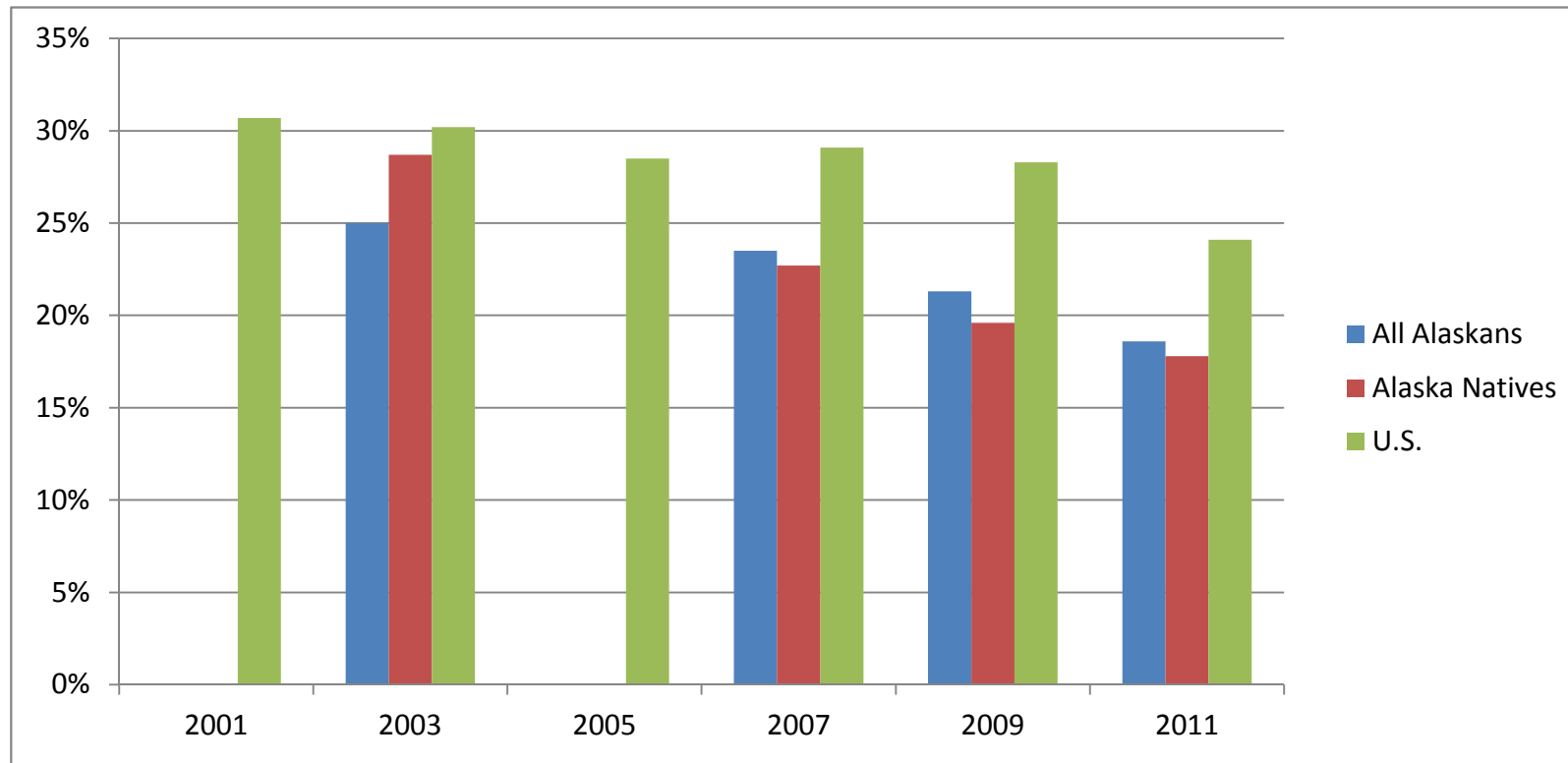
|              |       |      |       |       |       |
|--------------|-------|------|-------|-------|-------|
| All Alaskans | 81.2% | -    | 75.7% | 78.7% | 78.7% |
|              | 2003  | 2005 | 2007  | 2009  | 2011  |

*Data Sources:*

**Alaska** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

Note: The YRBS has two separate questions regarding condom use and hormonal method. The first question asks, "The last time you had sexual intercourse, did you or your partner use a condom?" The second question asks "The last time you had sexual intercourse, what one method did you or your partner use to prevent pregnancy (select only one response)." In 2011, the survey added any injectable birth control, Nuva ring (or any birth control ring), Implanon, or any IUD to the list of methods.

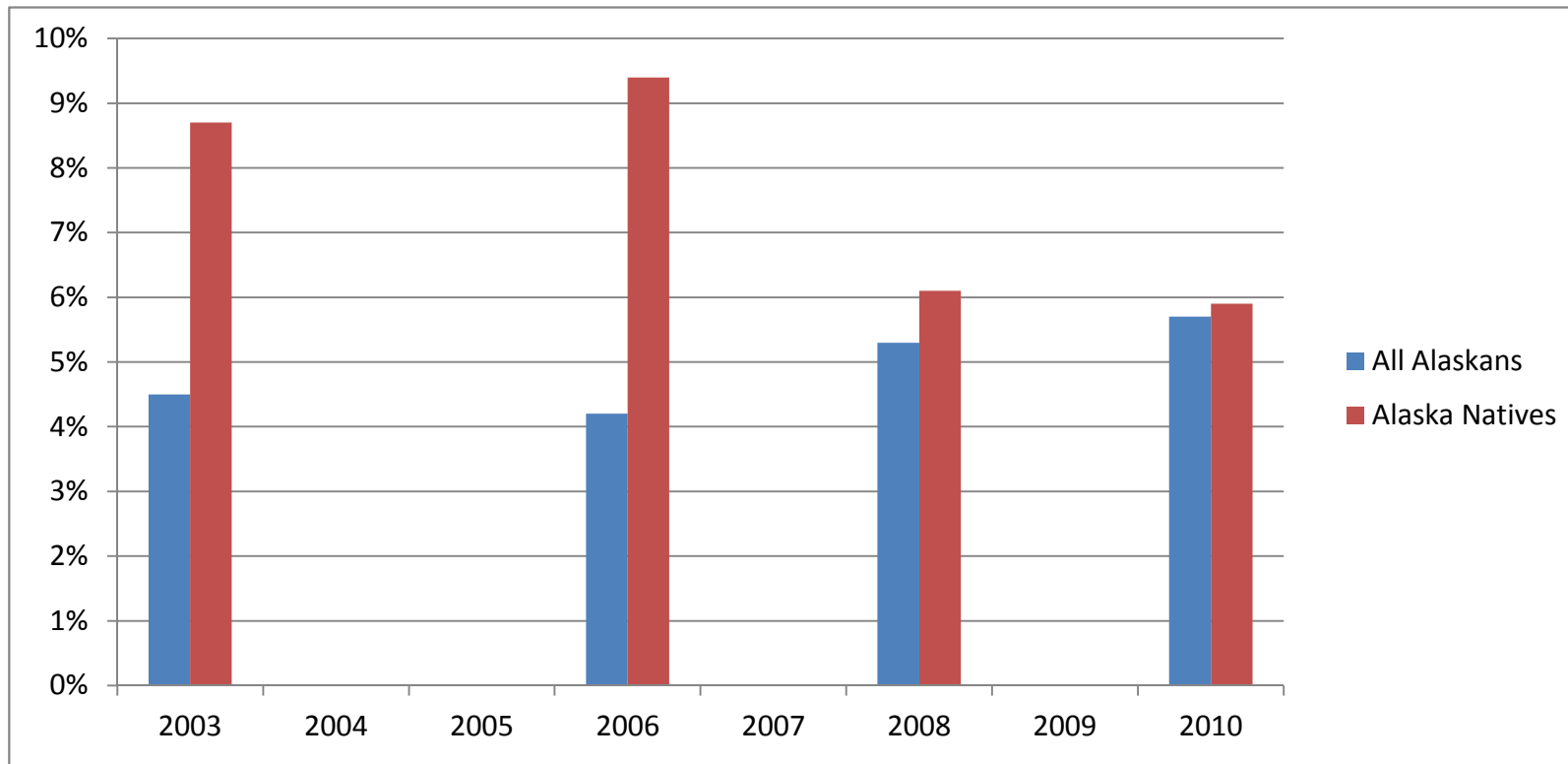
Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011; Alaska Native data were suppressed due to small sample size.

**40 Percentage of high school students who report riding at least once with a driver who had been drinking alcohol within the past 30 days**

|                |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | -     | 25.0% | -     | 23.5% | 21.3% | 18.6% |
| Alaska Natives | -     | 28.7% | -     | 22.7% | 19.6% | 17.8% |
| U.S.           | 30.7% | 30.2% | 28.5% | 29.1% | 28.3% | 24.1% |
|                | 2001  | 2003  | 2005  | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.

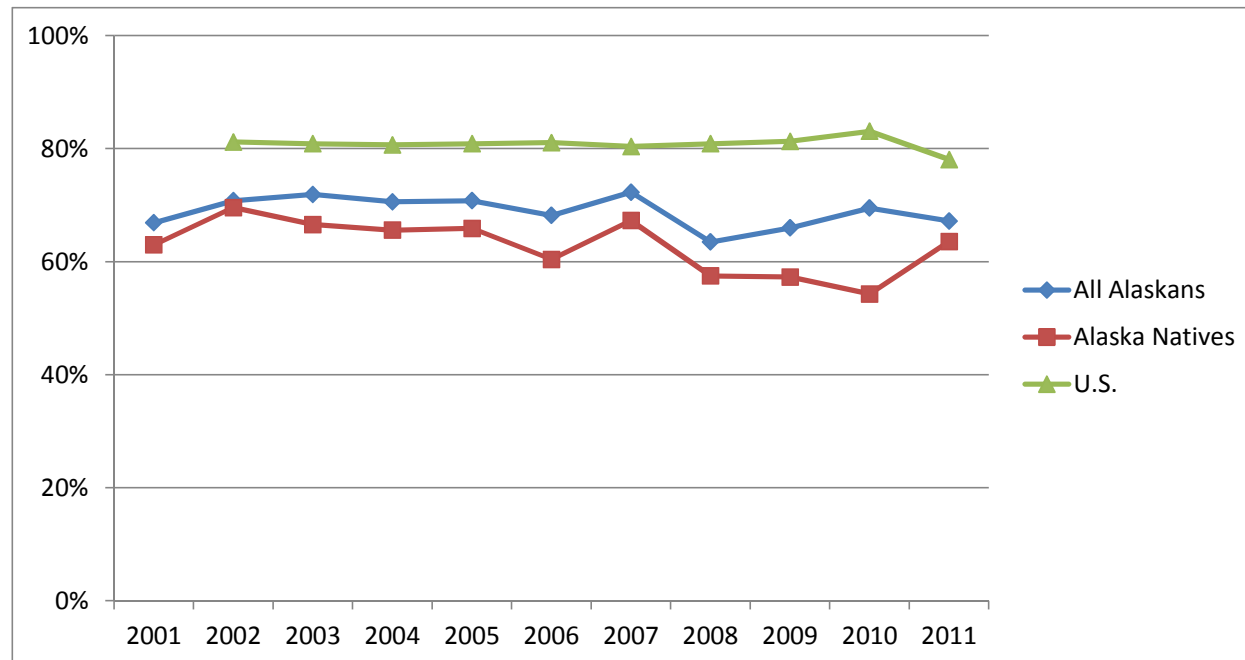
**41 Percentage of adults aged 45 years and older who have had one or more falls in the past 12 months that caused an injury**

|                |      |      |      |      |      |      |      |      |
|----------------|------|------|------|------|------|------|------|------|
| All Alaskans   | 4.5% | -    | -    | 4.2% | -    | 5.3% | -    | 5.7% |
| Alaska Natives | 8.7% | -    | -    | 9.4% | -    | 6.1% | -    | 5.9% |
|                | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 |

*Data Source:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Standard Alaska Behavioral Risk Factor Surveillance System survey

Note: This data shows falls in the past 3 months, not 12 months. The BRFSS question was not asked prior to 2003 and was changed in 2012 to ask about falls in the past 12 months.

**42 Percentage of persons with one person they consider their personal doctor or health care provider**

|                |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 66.9% | 70.8% | 71.9% | 70.6% | 70.8% | 68.2% | 72.3% | 63.5% | 66.0% | 69.5% | 67.2% |
| Alaska Natives | 63.0% | 69.6% | 66.6% | 65.6% | 65.9% | 60.4% | 67.3% | 57.5% | 57.3% | 54.3% | 63.6% |
| U.S.           | 80.6% | 81.2% | 80.9% | 80.7% | 80.9% | 81.1% | 80.4% | 80.9% | 81.3% | 83.1% | 78.1% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System

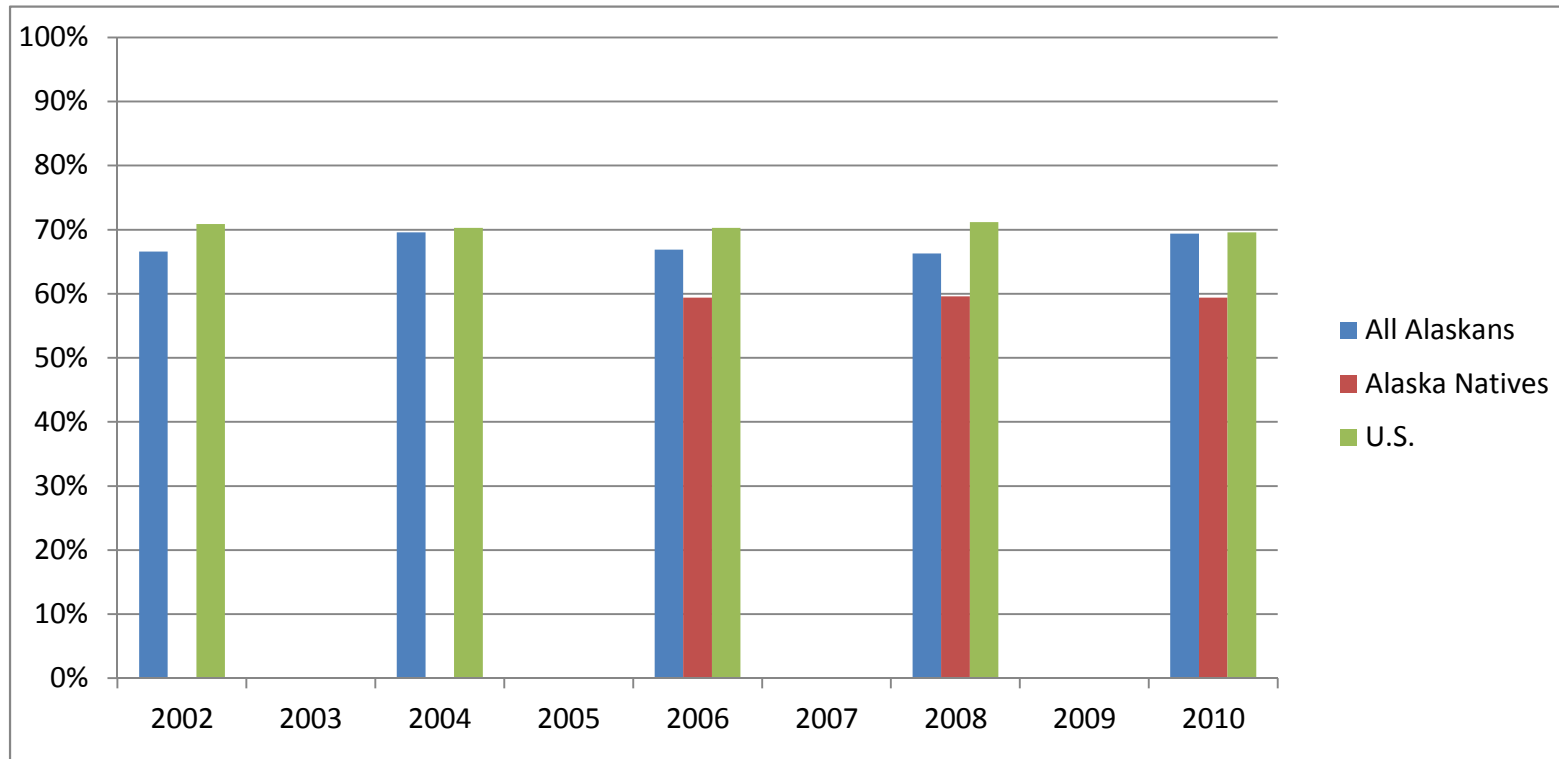
**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Alaska data were obtained from the Standard AK BRFSS from 2001 through 2003, 2005 through 2007, and from the Standard and Supplemental AK BRFSS surveys combined in 2004 and 2008 through 2011. The Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS and allows a doubling of the BRFSS sample size for those measures included on both surveys.

Post-stratification weights were used for Alaska data from 2000 through 2006; raking weights were used from 2007 through 2011.

For more on this methodological change see:

<http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

**43 Percentage of adults aged 18 and older who visited a dentist in the last year**

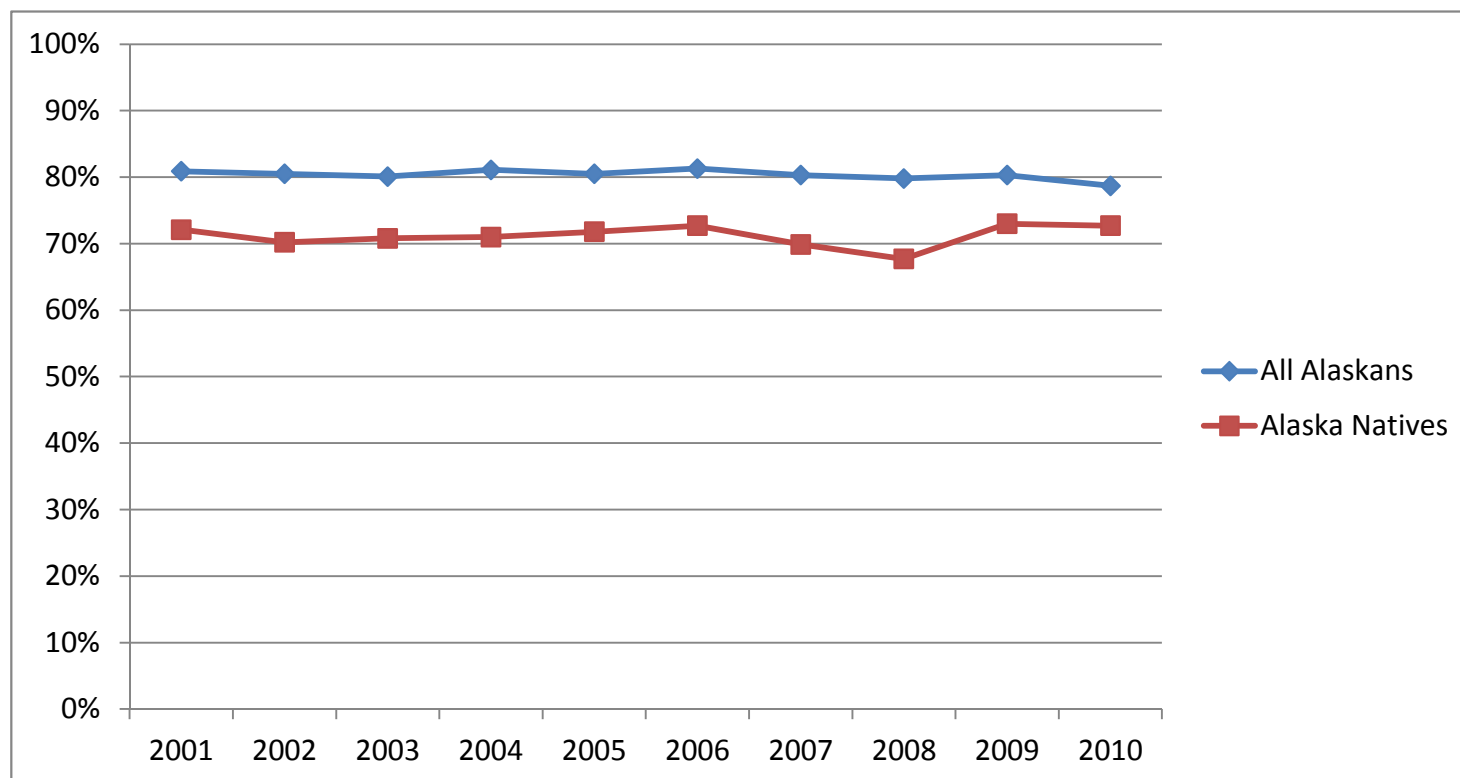
|                |       |      |       |      |       |      |       |      |       |
|----------------|-------|------|-------|------|-------|------|-------|------|-------|
| All Alaskans   | 66.6% | -    | 69.6% | -    | 66.9% | -    | 66.3% | -    | 69.4% |
| Alaska Natives | -     | -    | -     | -    | 59.4% | -    | 59.6% | -    | 59.4% |
| U.S.           | 70.9% | -    | 70.3% | -    | 70.3% | -    | 71.2% | -    | 69.6% |
|                | 2002  | 2003 | 2004  | 2005 | 2006  | 2007 | 2008  | 2009 | 2010  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Alaska data were obtained from the Standard BRFSS only

Note: Data for Alaska Natives reported in five-year averages with the last of the five-year reporting period shown.

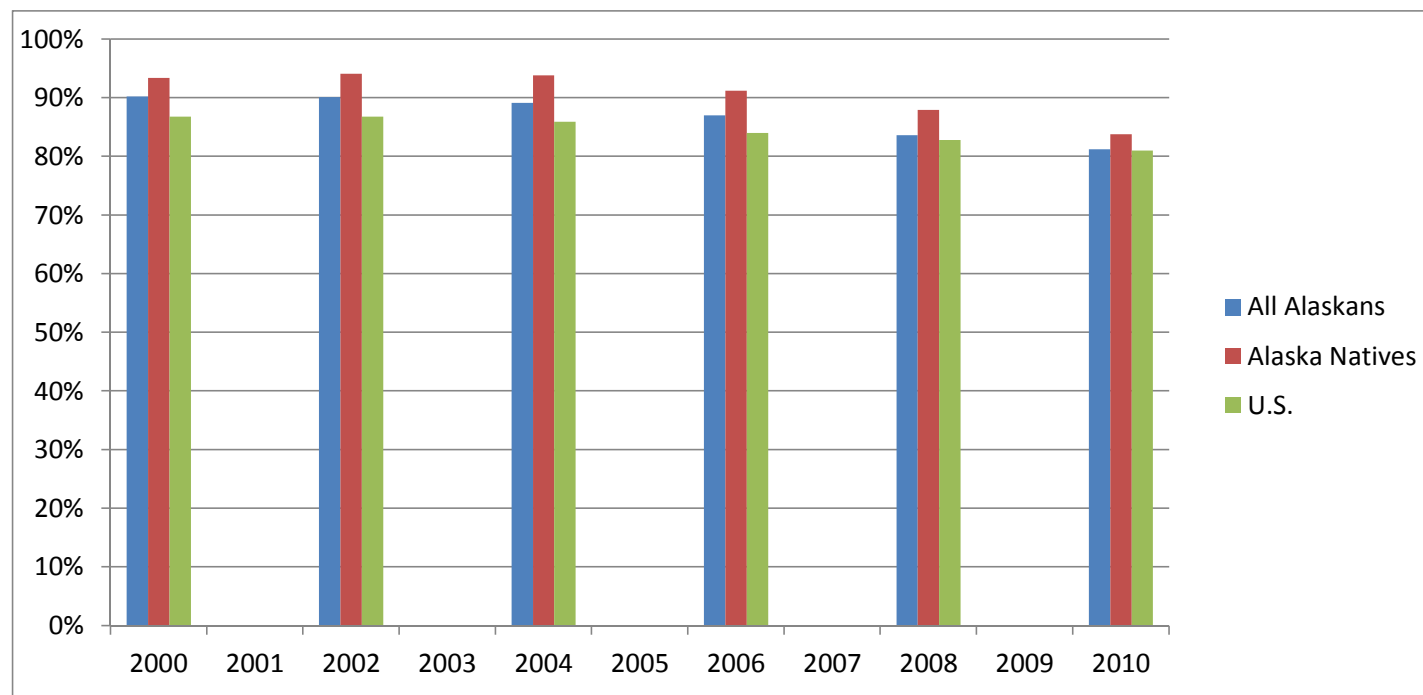
Post-stratification weights were used for Alaska data from 2000 through 2010.

**44 Percentage of women delivering live births who received prenatal care beginning in first trimester of pregnancy**

|                |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 80.9% | 80.5% | 80.1% | 81.1% | 80.5% | 81.3% | 80.3% | 79.8% | 80.3% | 78.7% |
| Alaska Natives | 72.1% | 70.2% | 70.8% | 71.0% | 71.8% | 72.7% | 69.9% | 67.7% | 73.0% | 72.7% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

*Data Sources:*

**Alaska/Alaska Natives** - Alaska Bureau of Vital Statistics

**45 Percentage of women aged 18 years and older who have received a Pap test within the preceding 3 years (of women who have not had a hysterectomy)**

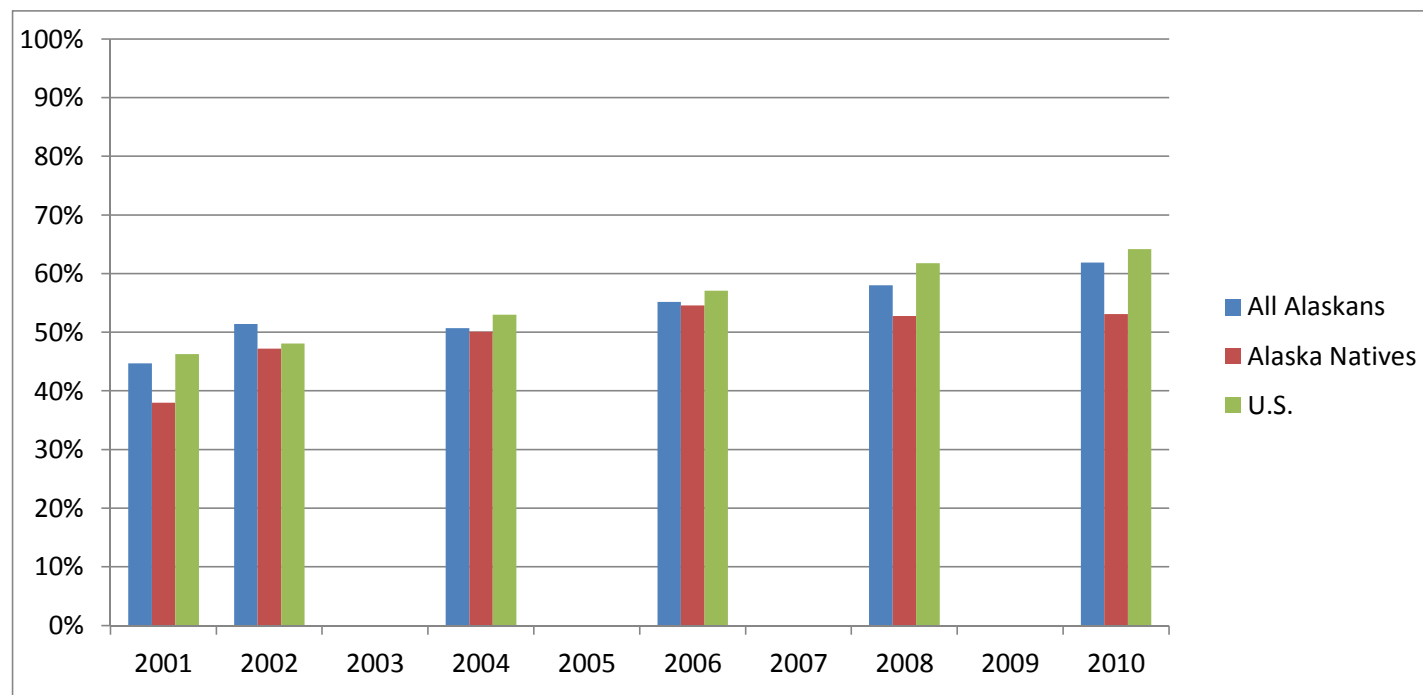
|                |       |      |       |      |       |      |       |      |       |      |       |
|----------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| All Alaskans   | 90.2% |      | 90.1% | -    | 89.1% | -    | 87.0% | -    | 83.6% | -    | 81.2% |
| Alaska Natives | 93.4% |      | 94.1% | -    | 93.8% | -    | 91.2% | -    | 87.9% | -    | 83.8% |
| U.S.           | 86.8% |      | 86.8% | -    | 85.9% | -    | 84.0% | -    | 82.8% | -    | 81.0% |
|                | 2000  | 2001 | 2002  | 2003 | 2004  | 2005 | 2006  | 2007 | 2008  | 2009 | 2010  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

Note: Alaska data were obtained from the Standard BRFSS only

Data for Alaska Natives in 2000, 2004, 2006, 2008 and 2010 are reported in five-year averages; 2000 and 2002 data are based on three-year averages. Years shown represent the last year of the reporting period.

Post-stratification weights were used for Alaska data from 2000 through 2010.

**46 Percentage of adults who receive colorectal screening examination (adults aged 50 years and older who have ever had a colonoscopy or sigmoidoscopy)**

|                |       |       |      |       |      |       |      |       |      |       |
|----------------|-------|-------|------|-------|------|-------|------|-------|------|-------|
| All Alaskans   | 44.7% | 51.4% | -    | 50.7% | -    | 55.2% | -    | 58.0% | -    | 61.9% |
| Alaska Natives | 38.0% | 47.2% | -    | 50.1% | -    | 54.6% | -    | 52.8% | -    | 53.1% |
| U.S.           | 46.3% | 48.1% | -    | 53.0% | -    | 57.1% | -    | 61.8% | -    | 64.2% |
|                | 2001  | 2002  | 2003 | 2004  | 2005 | 2006  | 2007 | 2008  | 2009 | 2010  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

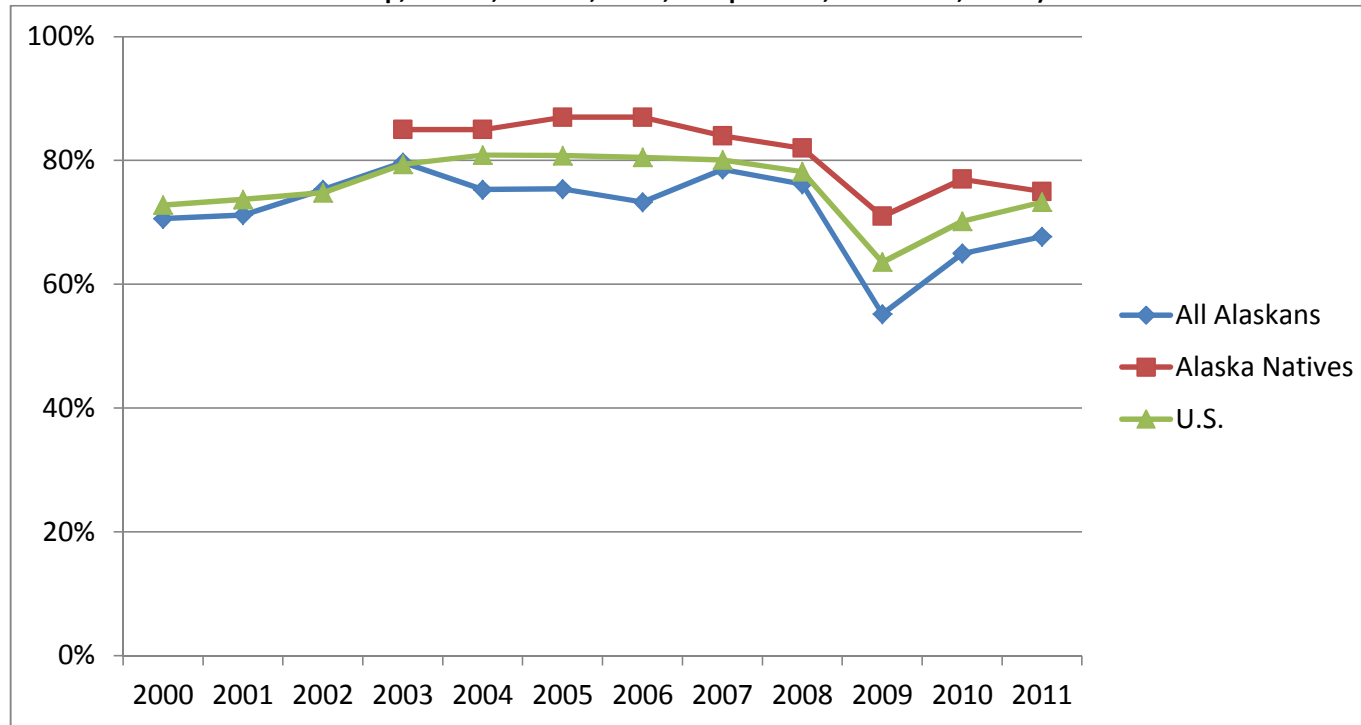
Note: Alaska data were obtained from the Standard BRFSS only

Data for Alaska Natives in 2001, 2006, 2008 and 2010 are reported in five-year averages; 2002 data is based on 1999, 2001 and 2002; and 2004 data is based on 2001, 2002 and 2004. Years shown represent the last year of the reporting period.

Post-stratification weights were used for Alaska data from 2000 through 2010.



**47 Percentage of children aged 19-35 months who receive the ACIP recommended doses for the 4:3:1:3:3:1:4 series (4 Dtap, 3 Polio, 1 MMR, 3 Hib, 3 Hepatitis B, 1 Varicella, 4 PCV)**



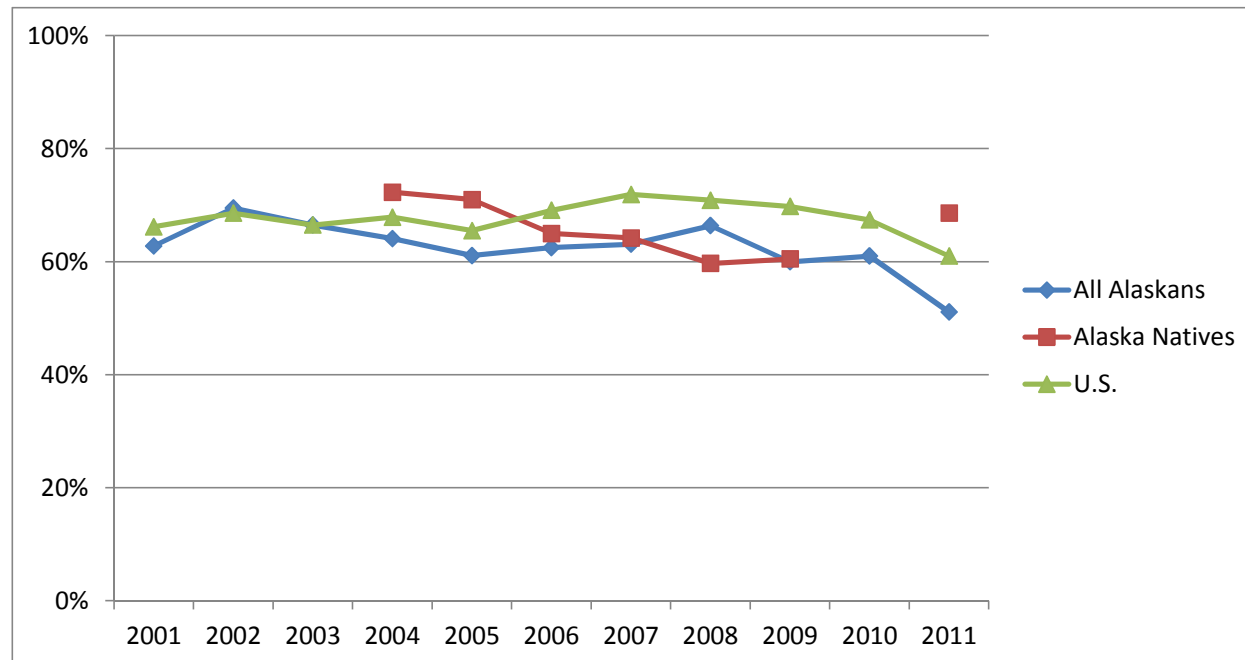
|                |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 70.6% | 71.2% | 75.3% | 79.7% | 75.3% | 75.4% | 73.3% | 78.6% | 76.2% | 55.2% | 65.0% | 67.7% |
| Alaska Natives | -     | -     | -     | 85.0% | 85.0% | 87.0% | 87.0% | 84.0% | 82.0% | 71.0% | 77.0% | 75.0% |
| U.S.           | 72.8% | 73.7% | 74.8% | 79.4% | 80.9% | 80.8% | 80.5% | 80.1% | 78.2% | 63.6% | 70.2% | 73.3% |
|                | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska & U.S.** – Centers for Disease Control and Prevention, National Immunization Survey

**Alaska Natives** – Indian Health Service, Immunization Program

Note: Recommended vaccines changed over the time period shown above. Data reported for 2009-2011 are for the 4:3:1:3:3:1:4 series, which adds Varicella and PCV.

**48 Percentage of adults aged 65 years and older who are vaccinated annually against influenza**

|                |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 62.8% | 69.5% | 66.5% | 64.1% | 61.1% | 62.5% | 63.1% | 66.4% | 60.0% | 61.0% | 51.1% |
| Alaska Natives | *     | *     | *     | 72.3% | 71.0% | 65.0% | 64.2% | 59.7% | 60.5% | *     | 68.6% |
| U.S.           | 66.2% | 68.6% | 66.5% | 67.9% | 65.5% | 69.1% | 71.9% | 70.9% | 69.8% | 67.4% | 61.0% |
|                | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

\*Statistically unreliable due to small sample size.

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System

**U.S.** – Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System

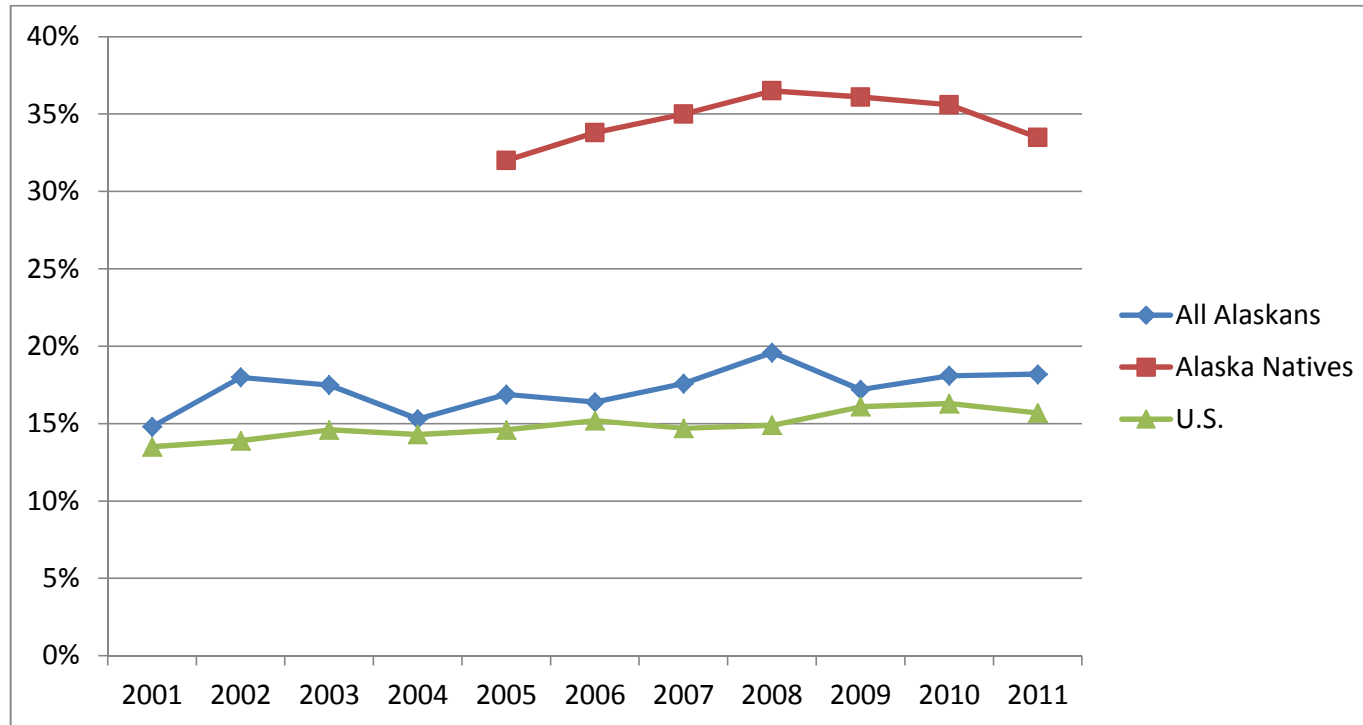
Note: Years which show no data were statistically unreliable due to small sample size. Alaska data were obtained from the Standard AK BRFSS from 2001 through 2011.

Post-stratification weights were used for Alaska data from 2001 through 2006; raking weights were used from 2007 through 2011. For more on this methodological change see:

<http://dhss.alaska.gov/dph/Chronic/Pages/brfss/method.aspx>.

**49 Number of preventable hospitalizations (i.e., hospitalizations that may be preventable with high quality primary and preventive care) based on Agency for Healthcare Research and Quality (AHRQ) (composite)**

Data for this indicator exists and could be analyzed annually, but it is not currently publically available. We anticipate the data will be analyzed and available in time for the April 1st Advisory Team meeting.

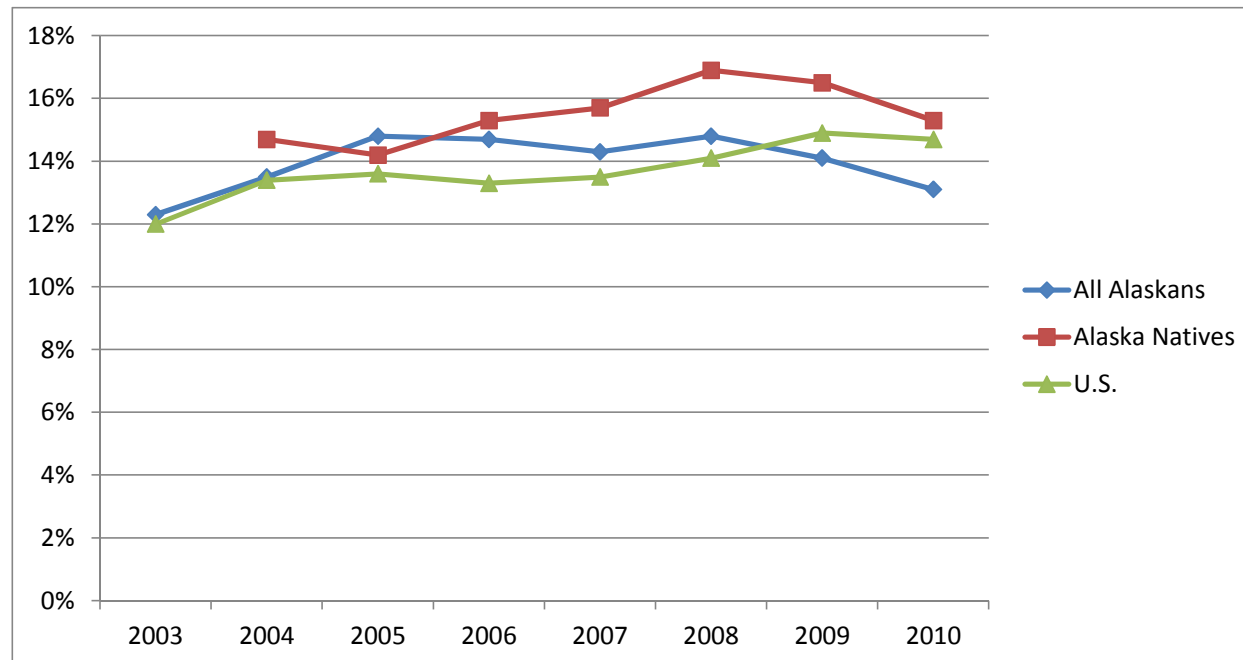
**50 Percentage of adults aged 18 and older without health care coverage**

|                |       |       |       |       |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 17.4% | 14.8% | 18.0% | 17.5% | 15.3% | 16.9% | 16.4% | 17.6% | 19.6% | 17.2% | 18.1% | 18.2% |
| Alaska Natives | -     | -     | -     | -     | -     | 32.0% | 33.8% | 35.0% | 36.5% | 36.1% | 35.6% | 33.5% |
| U.S.           | 13.1% | 13.5% | 13.9% | 14.6% | 14.3% | 14.6% | 15.2% | 14.7% | 14.9% | 16.1% | 16.3% | 15.7% |
|                | 2000  | 2001  | 2002  | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

Alaska/Alaska Natives/U.S. – U.S. Census Bureau, Current Population Survey.

Note: American Indian/Alaska Native tribal members generally have access to tribally managed health services or Indian Health Service facilities even if they do not have other health care coverage. The Current Population Survey does not count tribal benefits as “insurance.”

**51 Percentage of adults aged 18 or over reporting that they could not afford to see a doctor in the last 12 months**

|                |       |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 12.3% | 13.5% | 14.8% | 14.7% | 14.3% | 14.8% | 14.1% | 13.1% |
| Alaska Natives | -     | 14.7% | 14.2% | 15.3% | 15.7% | 16.9% | 16.5% | 15.3% |
| U.S.           | 12.0% | 13.4% | 13.6% | 13.3% | 13.5% | 14.1% | 14.9% | 14.7% |
|                | 2003  | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  |

*Data Sources:*

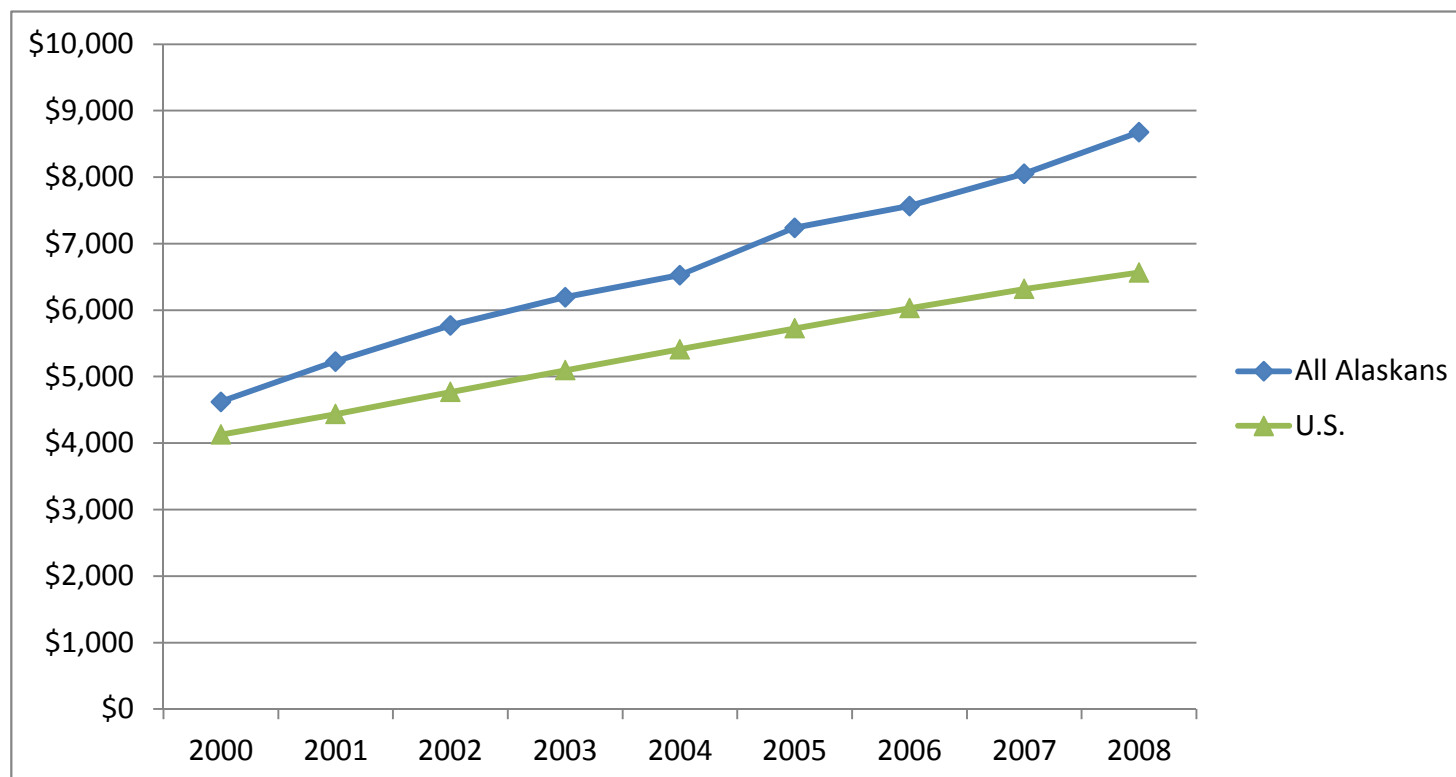
**Alaska/Alaska Natives** – Alaska Behavioral Risk Factor Surveillance System, Alaska Department of Health and Social Services

**U.S.** – Behavioral Risk Factor Surveillance System, Centers for Disease Control and Prevention

Note: Data for Alaska Natives are reported in three-year averages with the last of the three-year reporting period shown. Alaska Native data for 2004 is based on 2003 and 2004 combined.

Post-stratification weights were used for Alaska data from 2003 through 2010.

Note: Alaska data were obtained from the Standard AK BRFSS from 2000 through 2007, and from the Standard and Supplemental AK BRFSS surveys combined from 2008 through 2010. The Supplemental BRFSS survey is conducted using identical methodology as the Standard BRFSS and allows a doubling of the BRFSS sample size for those measures included on both surveys.

**52 Per capita expenditure for health care**

|              |         |         |         |         |         |         |         |         |         |         |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| All Alaskans | \$4,620 | \$5,227 | \$5,772 | \$6,194 | \$6,528 | \$7,239 | \$7,567 | \$8,053 | \$8,676 | \$9,128 |
| U.S.         | \$4,127 | \$4,435 | \$4,767 | \$5,096 | \$5,411 | \$5,726 | \$6,028 | \$6,318 | \$6,566 | \$6,815 |
|              | 2000    | 2001    | 2002    | 2003    | 2004    | 2005    | 2006    | 2007    | 2008    | 2009    |

*Data Sources:*

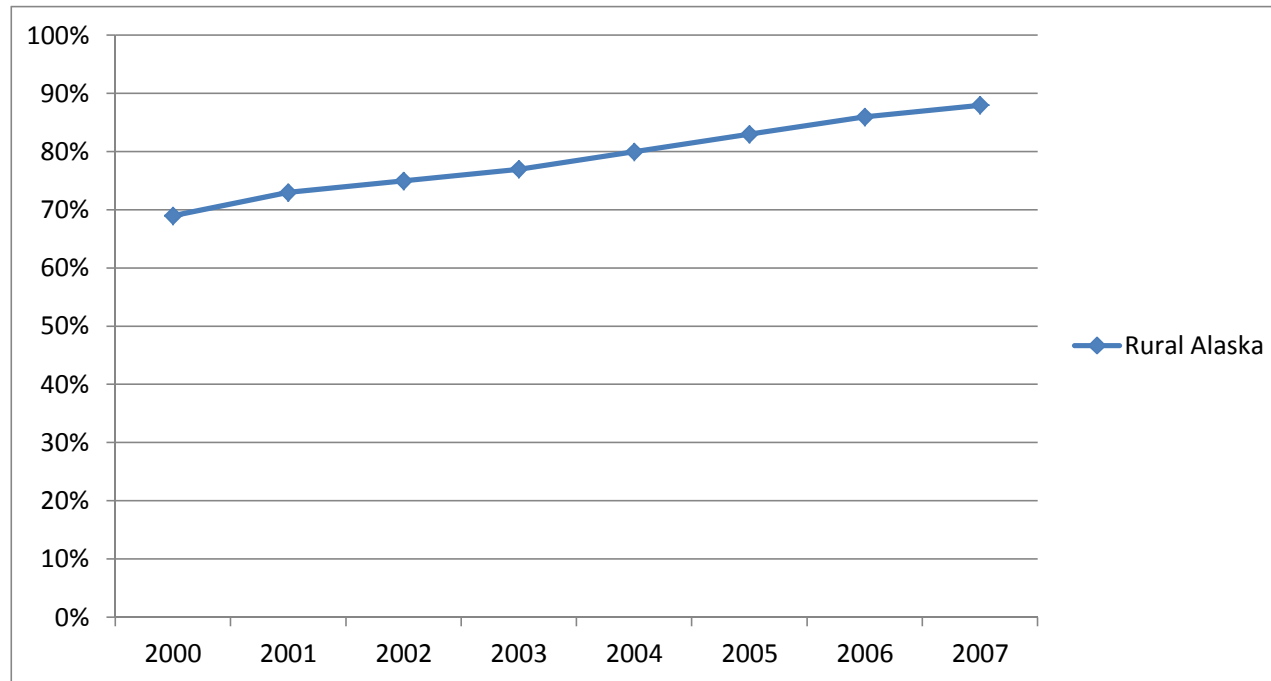
**Alaska/U.S.** – Centers for Medicare & Medicaid Services, National Health Expenditure Data

Note: This data shows per capita expenditure for personal health care (in dollars) for all payers by state of residence.

**53 Percentage of public health accreditation standards met by the State of Alaska Division of Public Health**

No data is currently available. Baseline will be available in October 2013, and will be tracked continuously; likely every 2-3 years.

Note: The number of accreditation standards met is based on a self-assessment by the State of Alaska using the Public Health Accreditation Board (PHAB) self-assessment tool.

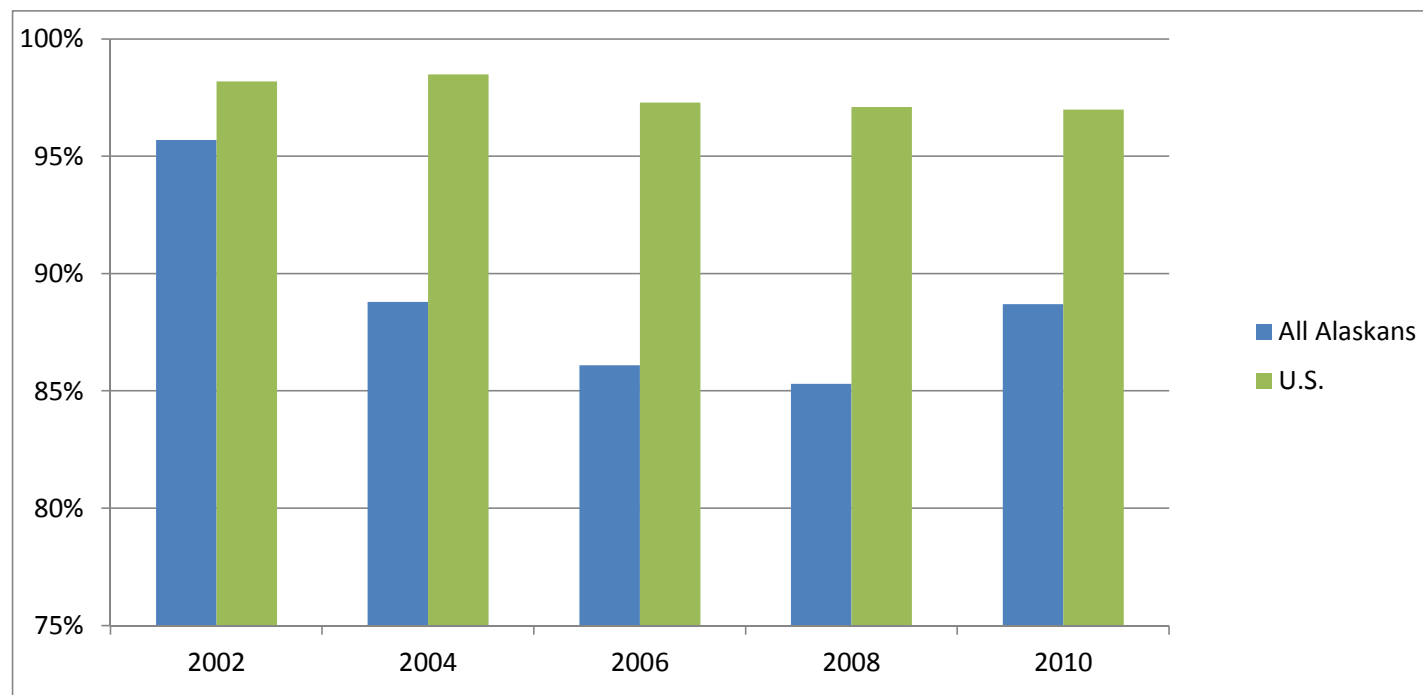
**54 Percentage of serviceable rural housing units with water and sewer service**

| Rural Alaska | 69%  | 73%  | 75%  | 77%  | 80%  | 83%  | 86%  | 88%  | 89%  | 91%  | 92%  | 92%  | 92%  |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|              | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |

*Data Source:* Alaska Department of Environmental Conservation (DEC)

Note: "Serviceable homes" is defined as homes in communities that could be served, but not isolated cabins. "Rural" communities here include larger rural hub communities such as Bethel, Barrow, Kotzebue, Nome, Valdez and Haines.



**55 Percentage of secondary schools that require student physical education in any grades 6 through 12**

|              |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|
| All Alaskans | 95.7% | 88.8% | 86.1% | 85.3% | 88.7% |
| U.S.         | 98.2% | 98.5% | 97.3% | 97.1% | 97.0% |
|              | 2002  | 2004  | 2006  | 2008  | 2010  |

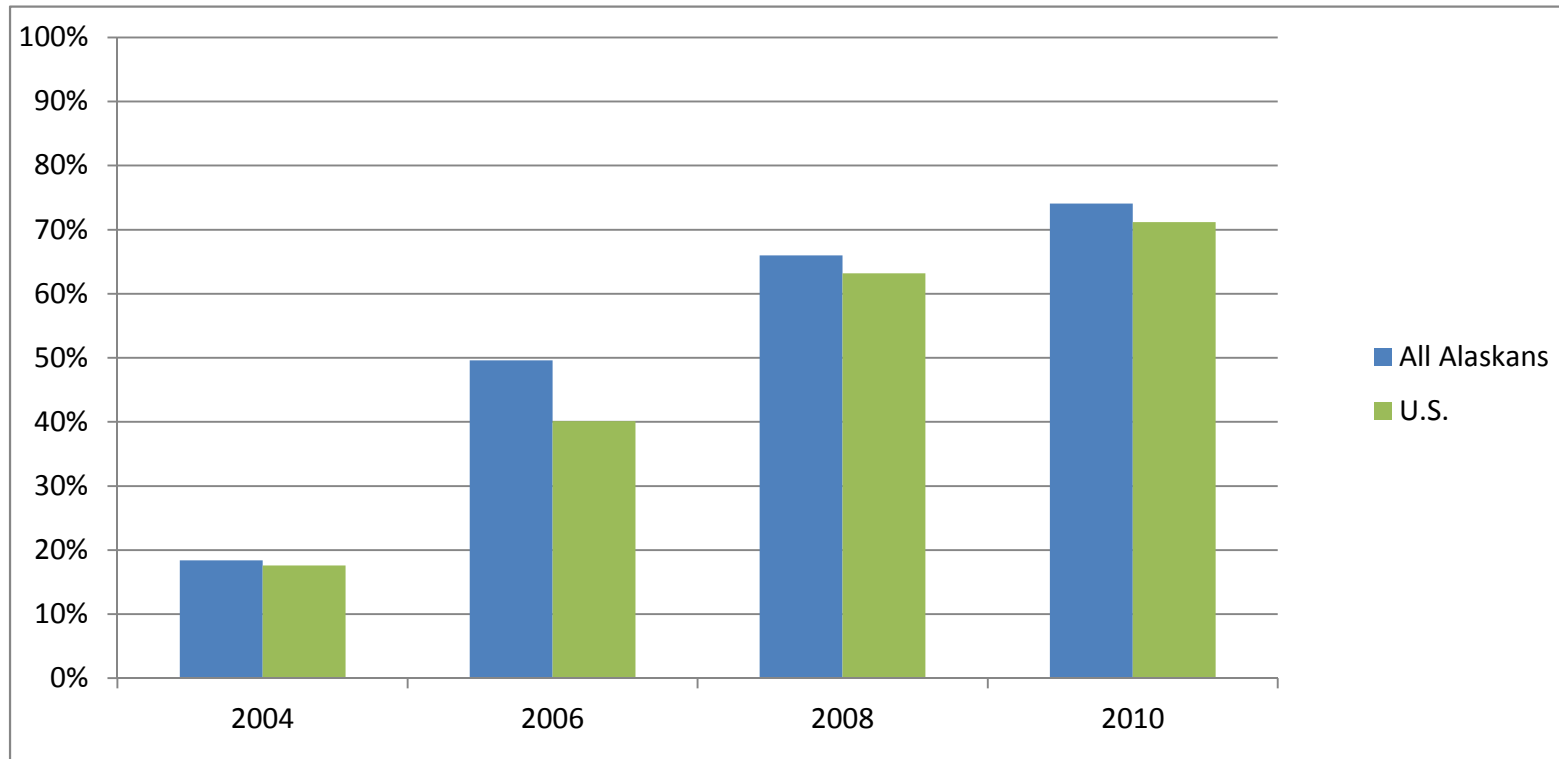
*Data Sources:*

**Alaska** - Alaska Department of Education & Early Development, Division of Teaching & Learning Support, School Health Profiles (Principal Surveys)

**U.S.** – Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion/Division of Adolescent and School Health, School Health Profiles

Note: U.S. data shows the median across states. U.S. median values are among participating states and varies with each year and excludes local and territorial surveys.

Data caution: This indicator shows required physical education for students in *any* of grades 6 through 12, which should not be confused with *all* of grades 6-12. The percentage differs by school grade.

**56 Percentage of secondary schools (grades 6-12) in which students cannot purchase soda pop or fruit drinks that are not 100% juice**

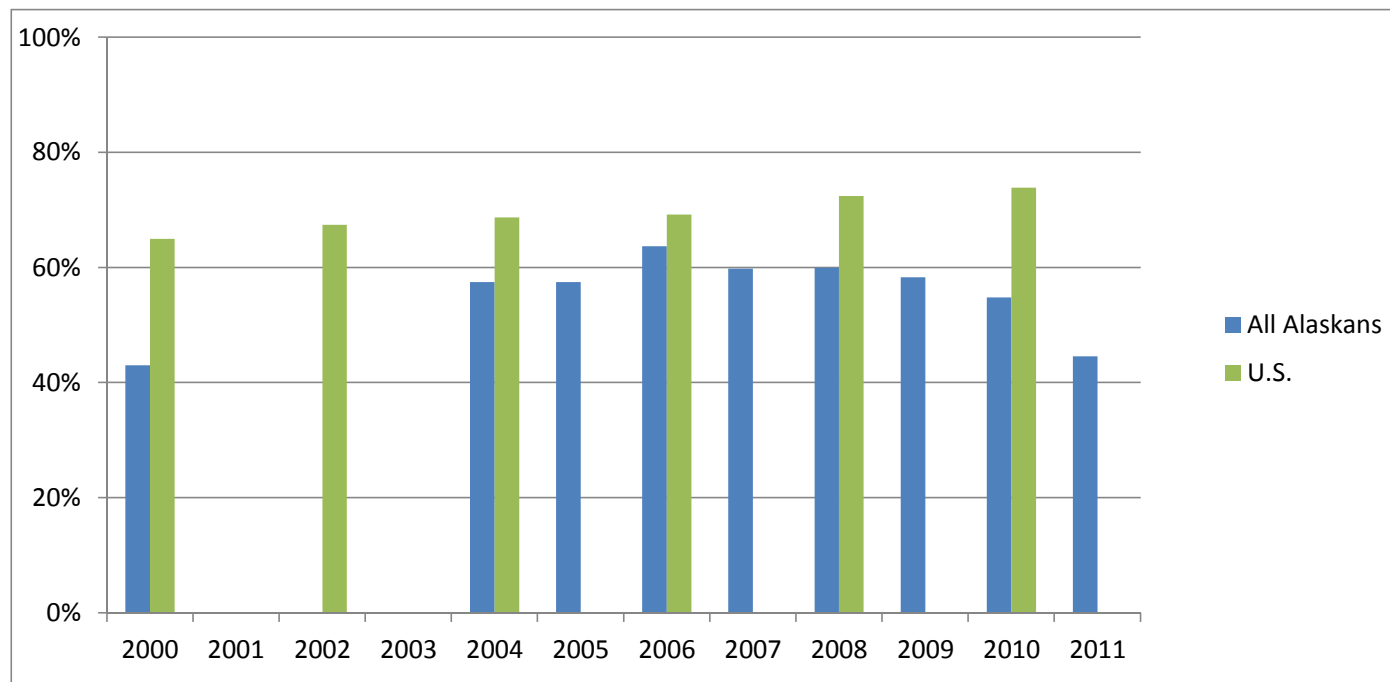
|              |       |       |       |       |
|--------------|-------|-------|-------|-------|
| All Alaskans | 18.4% | 49.6% | 66.0% | 74.1% |
| U.S.         | 17.6% | 40.1% | 63.2% | 71.2% |
|              | 2004  | 2006  | 2008  | 2010  |

*Data Sources:*

**Alaska** - Alaska Department of Education & Early Development, Division of Teaching & Learning Support, School Health Profiles (Principal Surveys)

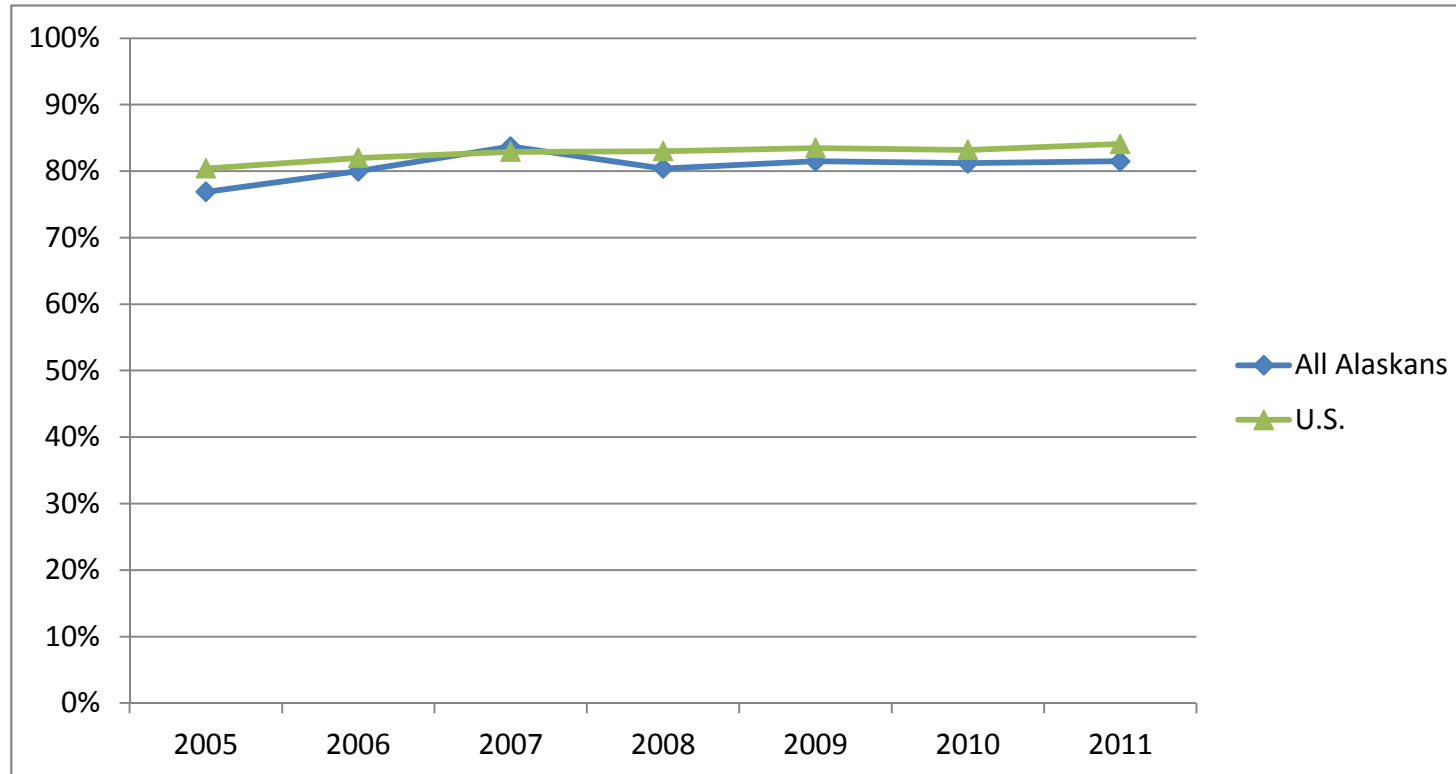
**U.S.** – Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion/Division of Adolescent and School Health, School Health Profiles

Note: U.S. data shows the median across states. U.S. median values are among participating states and varies with each year and excludes local and territorial surveys.

**57 Percentage of Alaskan population served by community water systems with optimally fluoridated water**

|              |       |      |       |      |       |       |       |       |       |       |       |       |
|--------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans | 43.0% | -    | -     | -    | 57.5% | 57.5% | 63.7% | 59.8% | 60.0% | 58.3% | 54.8% | 44.6% |
| U.S.         | 65.0% | -    | 67.4% | -    | 68.7% | -     | 69.2% | -     | 72.4% | -     | 73.9% | -     |
|              | 2000  | 2001 | 2002  | 2003 | 2004  | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:***Alaska** - Alaska Division of Public Health, Oral Health Program**U.S.** – Centers for Disease Control and Prevention, National Oral Health Surveillance System

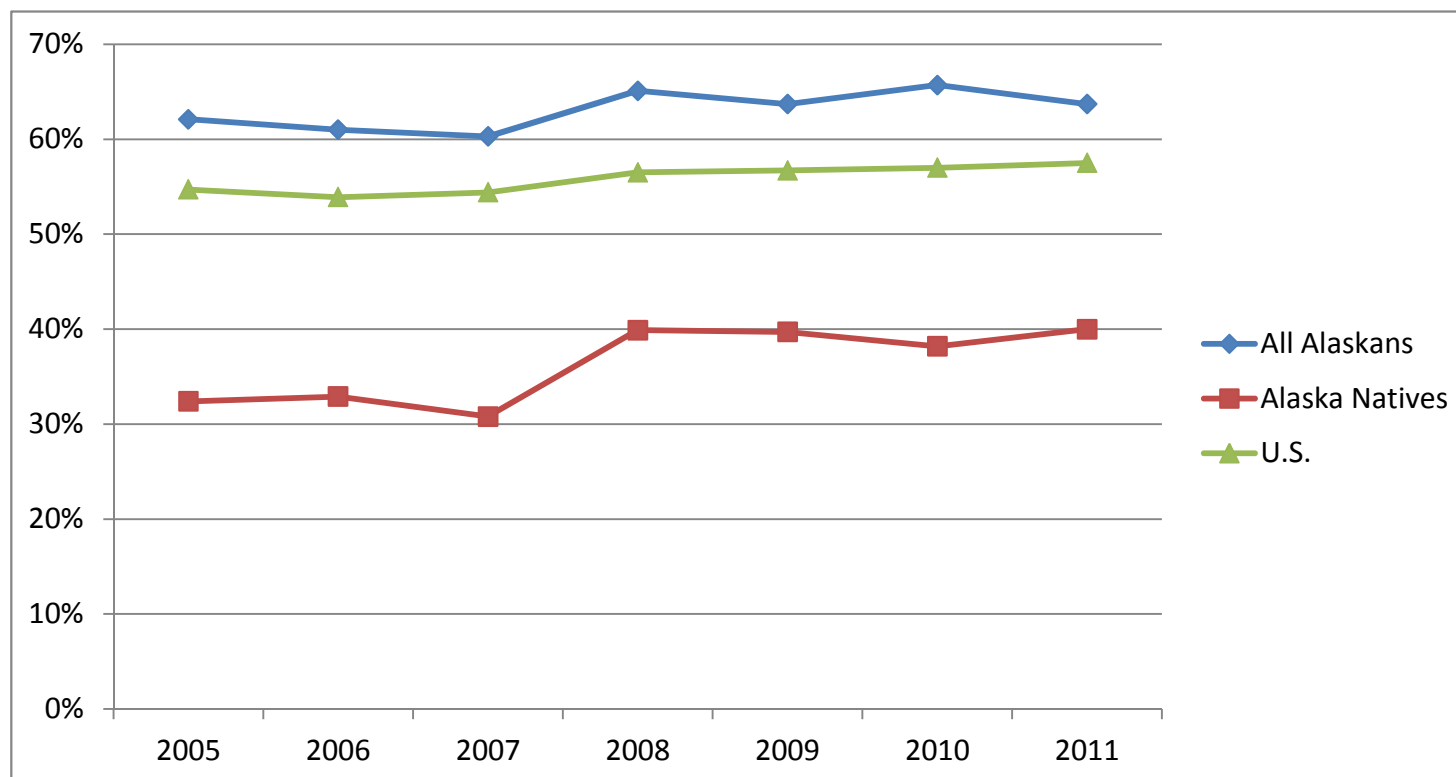
**58 Percentage of 18-24 year olds with a high school diploma**

|              |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans | 76.9% | 80.0% | 83.7% | 80.4% | 81.5% | 81.2% | 81.5% |
| U.S.         | 80.4% | 82.0% | 82.9% | 83.0% | 83.5% | 83.2% | 84.1% |
|              | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/U.S.** – U.S. Census Bureau, American Community Survey 1-Year Estimates

Note: Includes those 18-24 years old with a high school diploma (includes equivalency) or higher education (some college, associate's degree, bachelor's degree, graduate or professional degree)

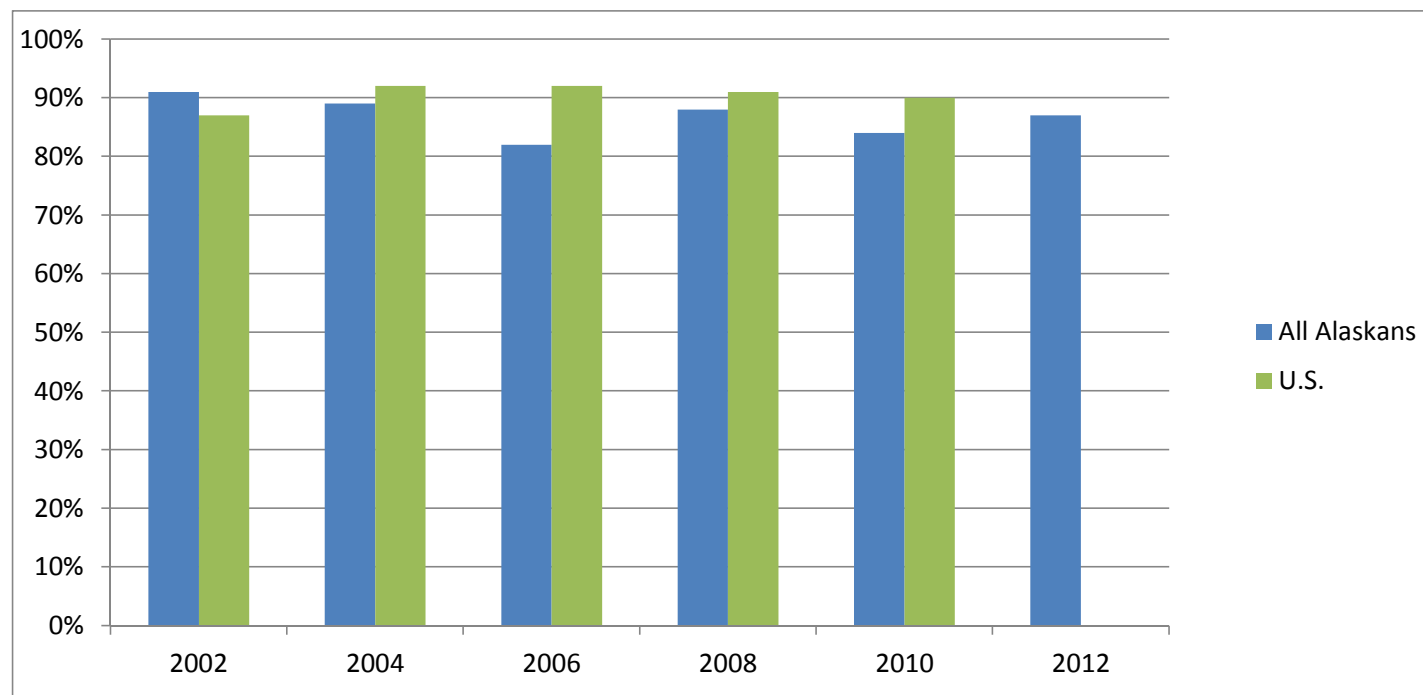
**59 Percentage of adults (25 years and older) who completed some college or higher education**

|                |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 62.1% | 61.0% | 60.3% | 65.1% | 63.7% | 65.7% | 63.7% |
| Alaska Natives | 32.4% | 32.9% | 30.8% | 39.9% | 39.7% | 38.2% | 40.0% |
| U.S.           | 54.7% | 53.9% | 54.4% | 56.5% | 56.7% | 57.0% | 57.5% |
|                | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives/U.S.** – U.S. Census Bureau, American Community Survey 1-Year Estimates

Note: Data includes those 25 years and older who have completed some college, an associate's degree or higher education (including a bachelor's degree, graduate degree or higher).

**60 Percentage of secondary schools that required health education instruction in any of grades 6–12**

|              |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|
| All Alaskans | 91%  | 89%  | 82%  | 88%  | 84%  | 87%  |
| U.S.         | 87%  | 92%  | 92%  | 91%  | 90%  | -    |
|              | 2002 | 2004 | 2006 | 2008 | 2010 | 2012 |

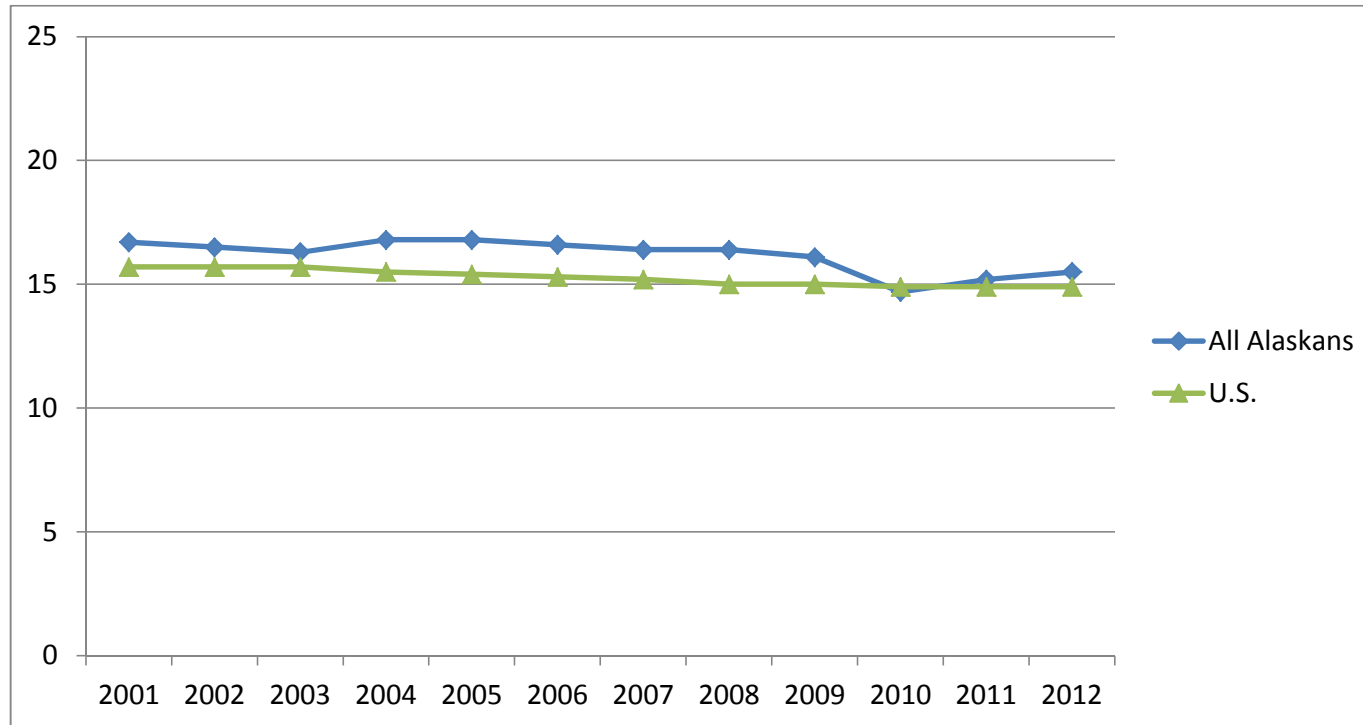
*Data Sources:*

**Alaska** - Alaska Department of Education & Early Development, Division of Teaching & Learning Support, School Health Profiles (Principal Surveys)

**U.S.** – Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion/Division of Adolescent and School Health, School Health Profiles

Note: U.S. data shows the median across states. U.S. median values are among participating states and varies with each year and excludes local and territorial surveys.

Data caution: This indicator shows required health education instruction for students in *any* of grades 6 through 12, which should not be confused with *all* of grades 6-12. The percentage differs by school grade.

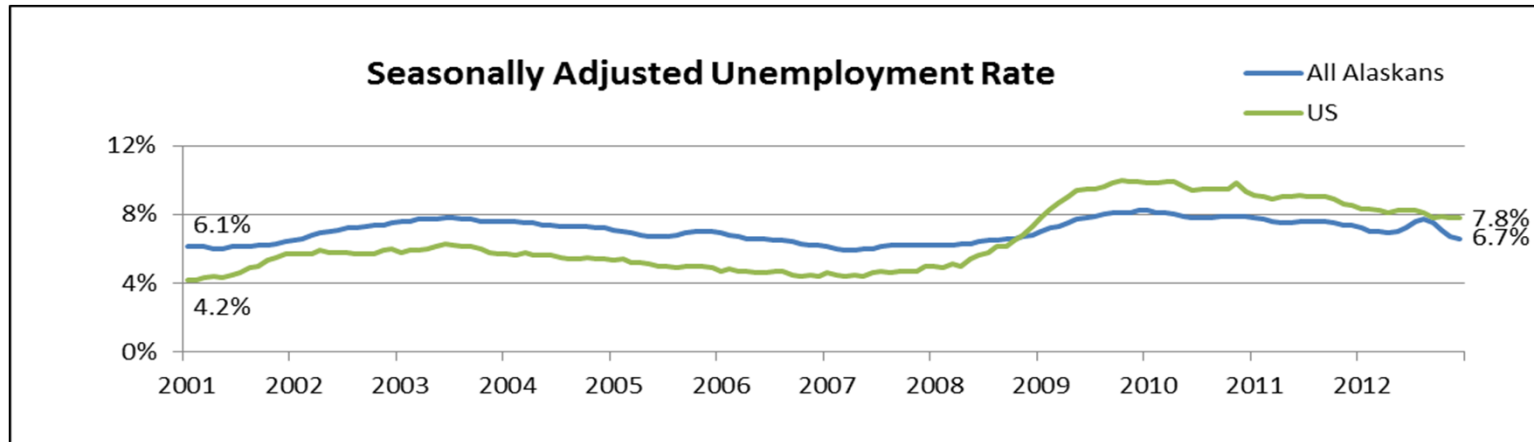
**61 Student/teacher ratio in public elementary and secondary schools (KG-12)**

| All Alaskans | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 |
|--------------|------|------|------|------|------|------|------|------|------|------|------|------|
| U.S.         | 15.7 | 15.7 | 15.7 | 15.5 | 15.4 | 15.3 | 15.2 | 15   | 15   | 14.9 | 14.9 | 14.9 |

*Data Sources:***Alaska** – Alaska Department of Education & Early Development**U.S.** – U.S. Department of Education, National Center for Education Statistics of Public Elementary and Secondary Day Schools.  
Common Core of Data.

Note: U.S. data includes prekindergarten through grade 12. U.S. data for 2010-2012 is projected.

## 62 Seasonally adjusted unemployment rate



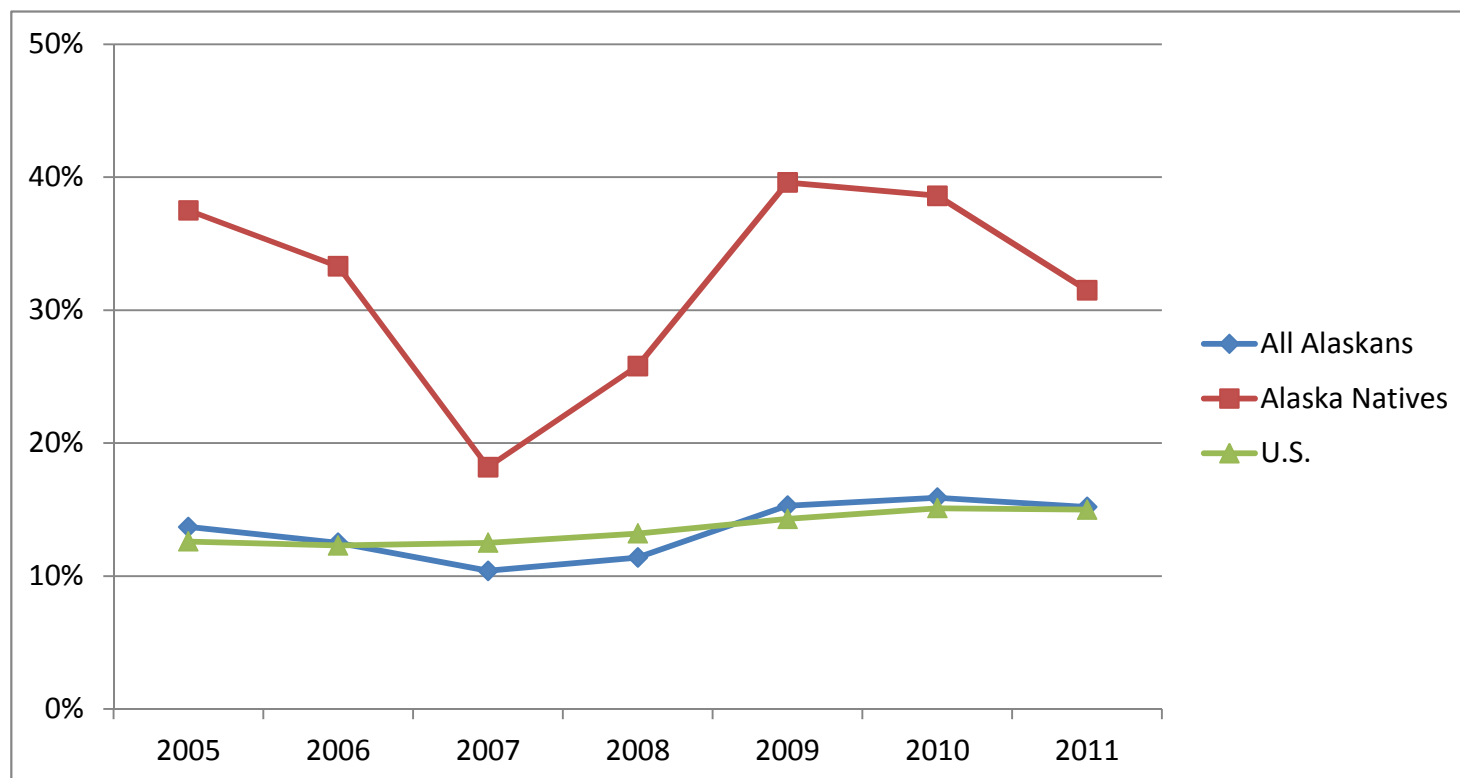
Note: No data table is shown because unemployment rates are reported monthly. Data is available for every month of each year shown in the graph. Includes those aged 16 years and over. First data points shown are for January 2001. The last data points shown are for December of 2012.

Data Sources:

**Alaska** – Alaska Department of Labor and Workforce Development

**U.S.** – U.S. Census Bureau, Current Population Survey



**63 Percentage of residents living below the federal poverty level - all ages (as defined for AK)**

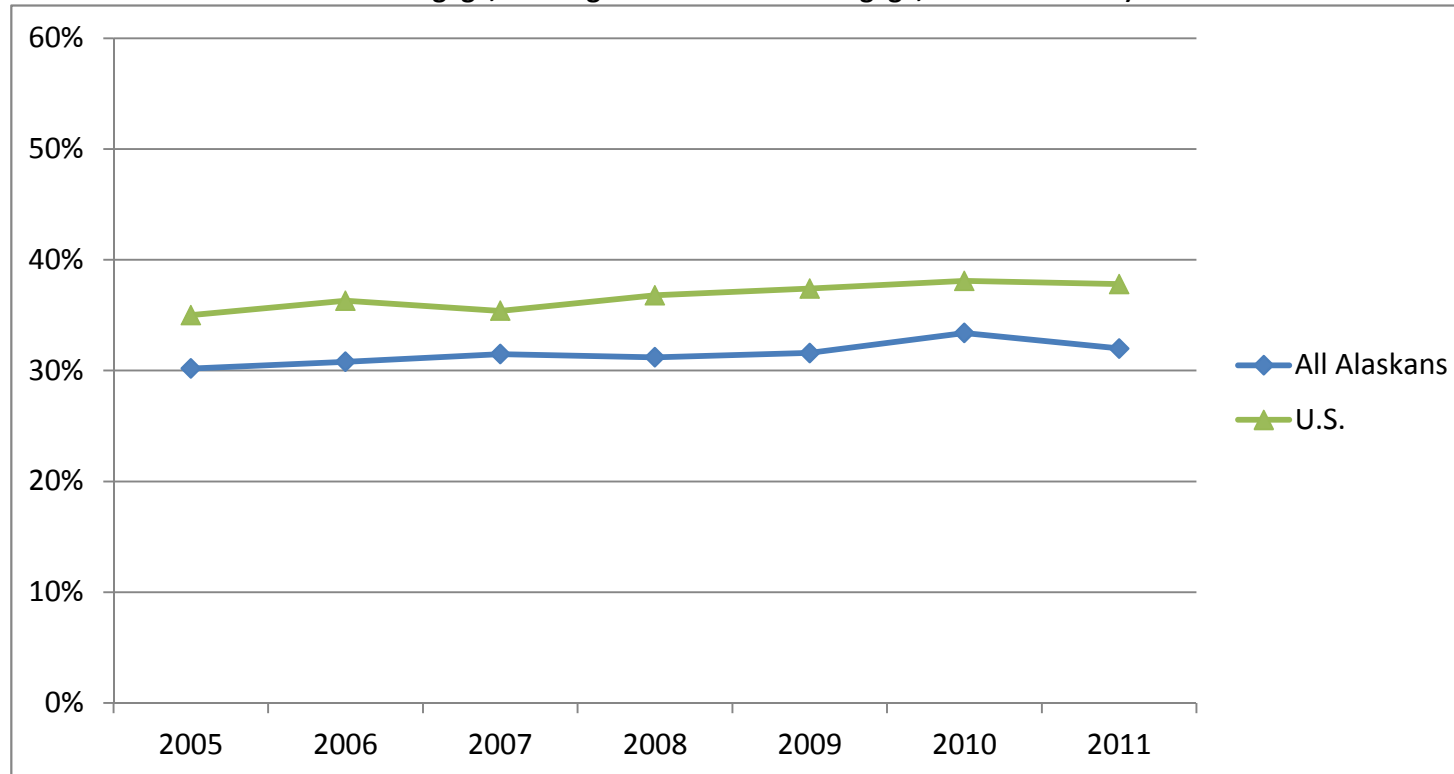
|                |       |       |       |       |       |       |       |
|----------------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans   | 13.7% | 12.5% | 10.4% | 11.4% | 15.3% | 15.9% | 15.2% |
| Alaska Natives | 37.5% | 33.3% | 18.2% | 25.8% | 39.6% | 38.6% | 31.5% |
| U.S.           | 12.6% | 12.3% | 12.5% | 13.2% | 14.3% | 15.1% | 15.0% |
|                | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/Alaska Natives/U.S.** – U.S. Census Bureau, Current Population Survey Annual Social and Economic Supplement

Note: Alaska estimates are based on income below **125%** of the federal poverty level for the nation as per poverty guidelines. U.S. Estimates are based on income below 100% of the federal poverty level for the nation.

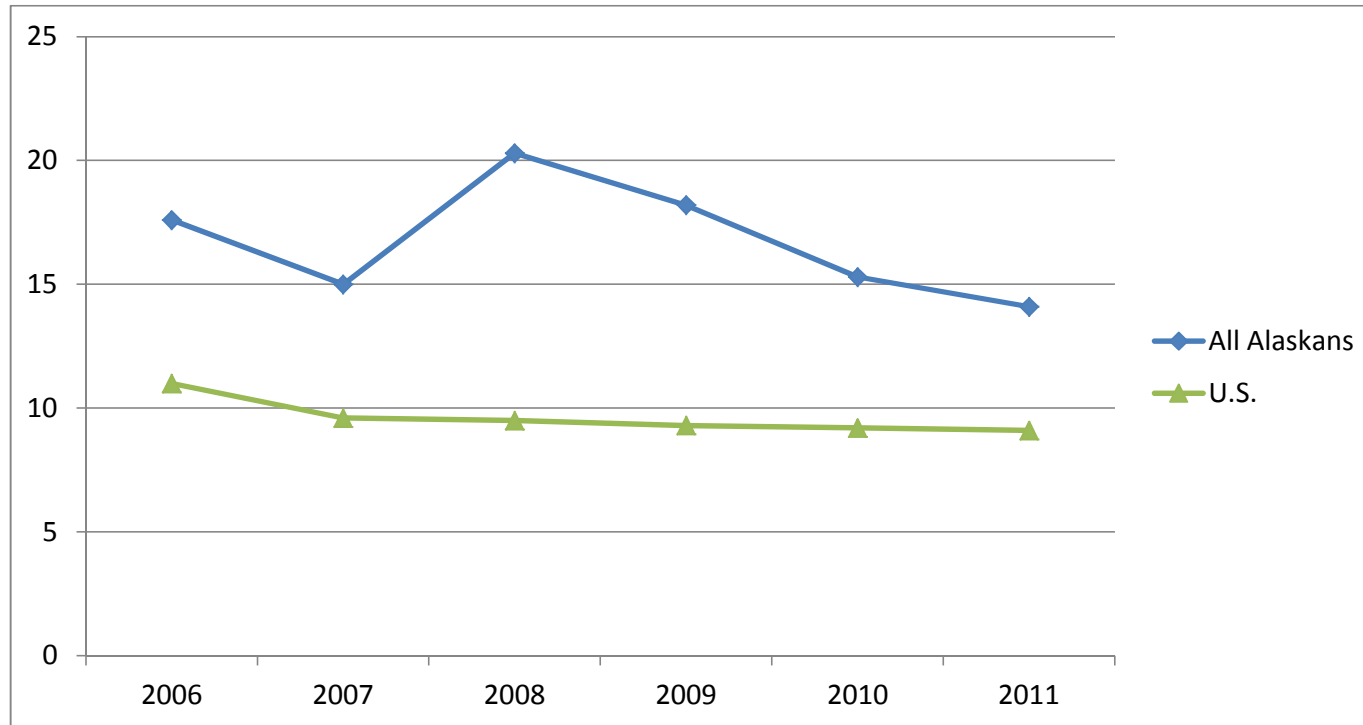
**64 Percentage of housing units spending 30% or more of household income on housing costs (including housing units with a mortgage, housing units without a mortgage, and rental units)**



|              |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|
| All Alaskans | 30.2% | 30.8% | 31.5% | 31.2% | 31.6% | 33.4% | 32.0% |
| U.S.         | 35.0% | 36.3% | 35.4% | 36.8% | 37.4% | 38.1% | 37.8% |
|              | 2005  | 2006  | 2007  | 2008  | 2009  | 2010  | 2011  |

*Data Sources:*

**Alaska/U.S.** – U.S. Census Bureau, American Community Survey 1-Year Estimates

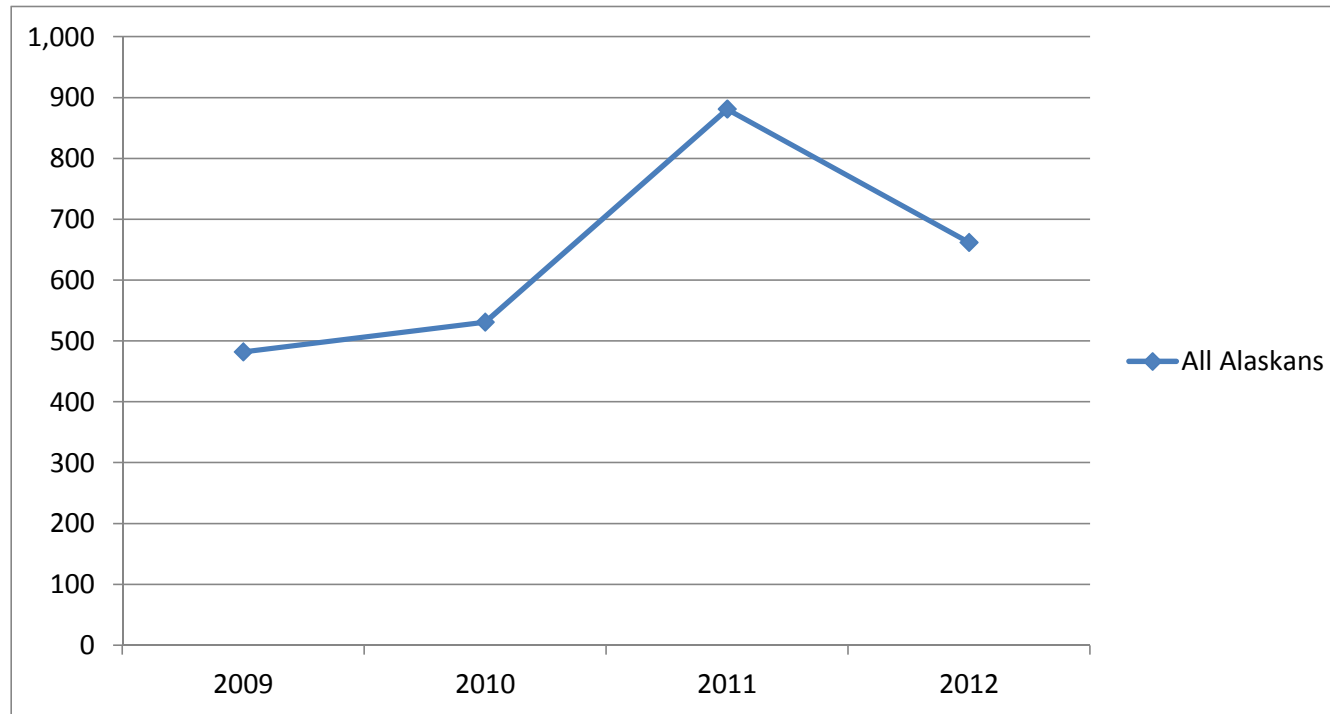
**65 Rate of unique substantiated child maltreatment victims (age 0-17) per 1,000 children**

|              |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|
| All Alaskans | 17.6 | 15.0 | 20.3 | 18.2 | 15.3 | 14.1 |
| U.S.         | 11.0 | 9.6  | 9.5  | 9.3  | 9.2  | 9.1  |
|              | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |

*Data Sources:***Alaska** – Alaska Department of Health and Human Services, Office of Children’s Services**U.S.** – U.S. Department of Health and Human Services, Administration for Children and Families

**Note:** Child abuse and neglect is defined as any recent act or failure to act on the part of a parent or caretaker which results in death, serious physical or emotional harm, sexual abuse or exploitation; or an act or failure to act which presents and imminent risk of serious harm.

**Data caution:** These data show substantiated reported cases rather than actual incidence.

**66 Number of vulnerable adults with a substantiated allegation of abuse or neglect reported to Adult Protective Services**

|              |      |      |      |      |
|--------------|------|------|------|------|
| All Alaskans | 482  | 531  | 881  | 662  |
|              | 2009 | 2010 | 2011 | 2012 |

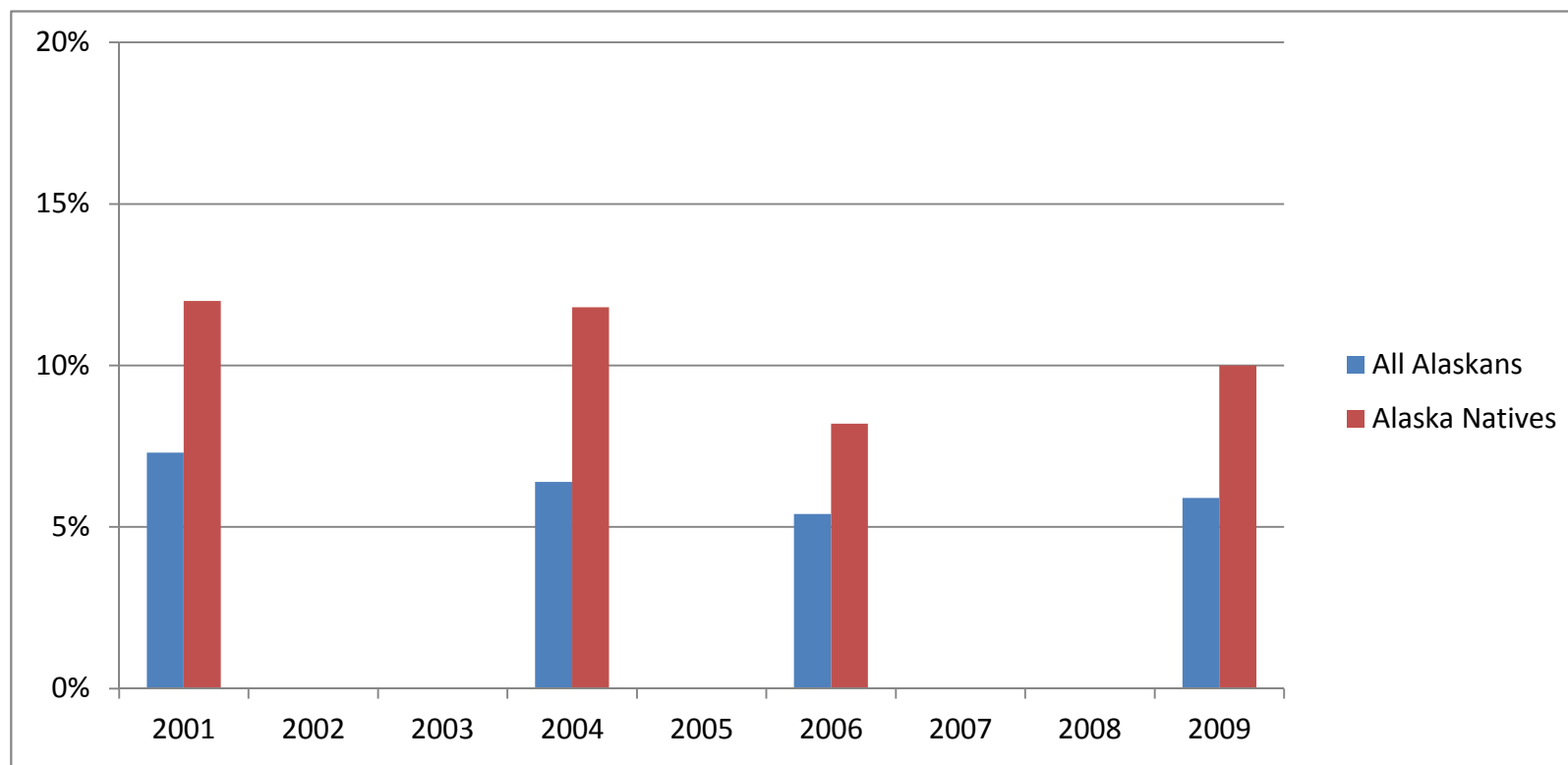
*Data Source:*

Alaska Department of Health and Social Services, Adult Protective Services (APS).

Note: Data is reported by the fiscal year and is subject to change after year-end based on ongoing and open cases.

Vulnerable adults are people 18 years of age or older who, because of physical or mental impairment, are unable to meet their own needs or to seek help without assistance. Abuse includes the willful, intentional, or reckless nonaccidental, and nontherapeutic infliction of physical pain, injury, or mental distress; or sexual assault in the first or second degree. Neglect includes the intentional failure by a caregiver to provide essential care or services necessary to maintain the physical and mental health of the vulnerable adult (self-neglect is not included).

Data caution: These data show substantiated reported cases rather than actual incidence.

**67 Percentage of adults who report that in the last 5 years they feared for their safety or have been physically hurt by a current or former partner**

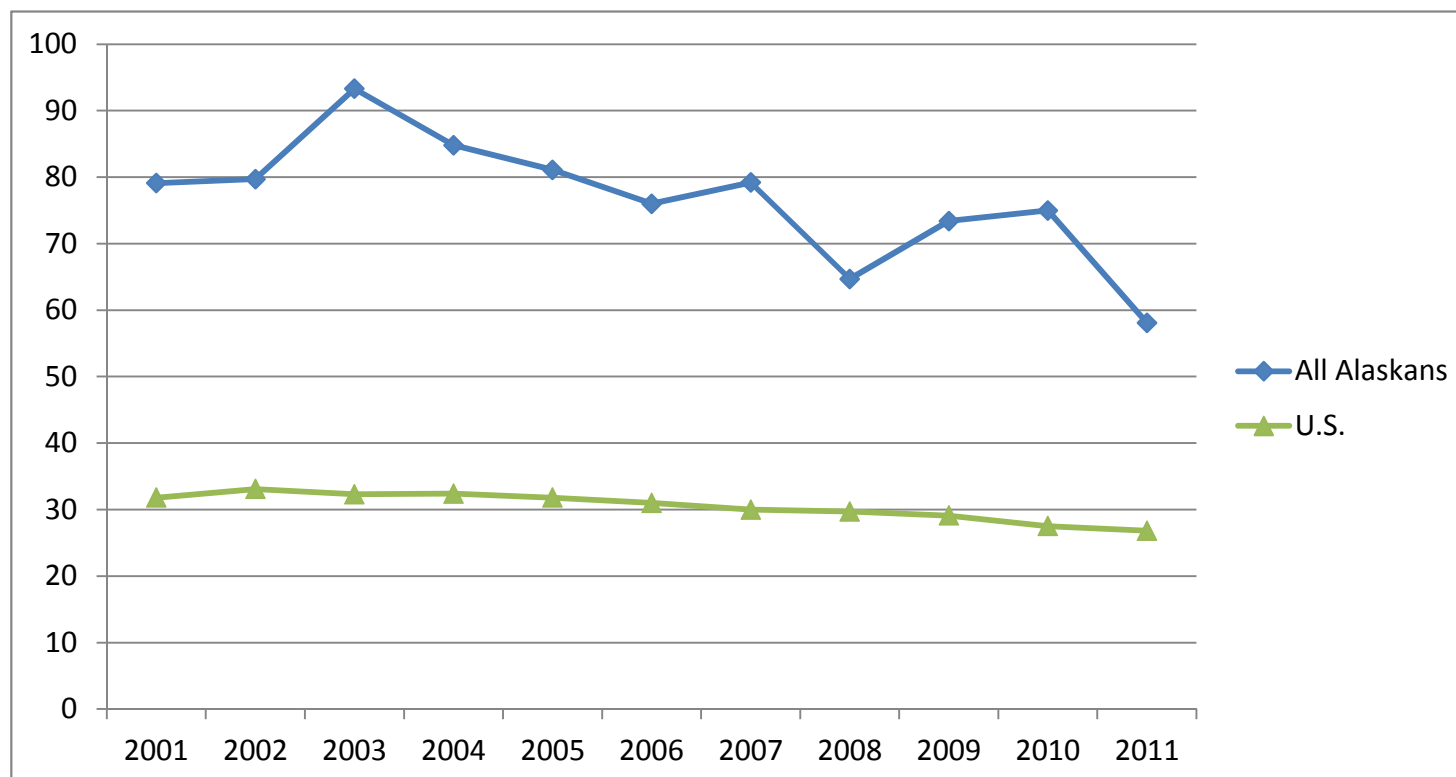
|                |       |      |      |       |      |      |      |      |       |
|----------------|-------|------|------|-------|------|------|------|------|-------|
| All Alaskans   | 7.3%  | -    | -    | 6.4%  | -    | 5.4% | -    | -    | 5.9%  |
| Alaska Natives | 12.0% | -    | -    | 11.8% | -    | 8.2% | -    | -    | 10.0% |
|                | 2001  | 2002 | 2003 | 2004  | 2005 | 2006 | 2007 | 2008 | 2009  |

*Data Sources*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Behavioral Risk Factor Surveillance System

Post-stratification weights were used for Alaska data from 2001 through 2009.

Note: Alaska data were obtained from the Standard AK BRFSS from 2001 through 2009.

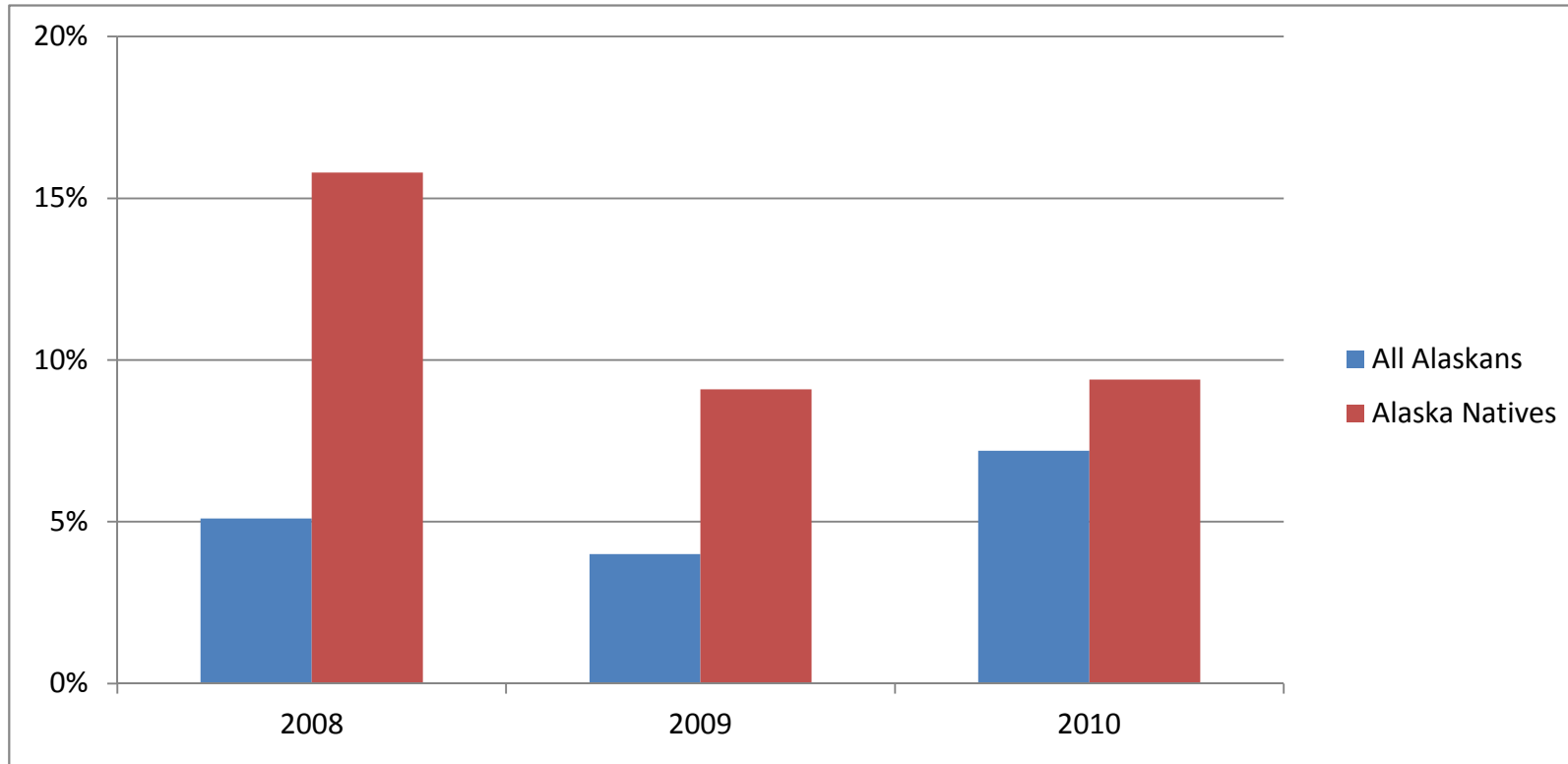
**68 Rate of forcible rape (per 100,000 population)**

|              |      |      |      |      |      |      |      |      |      |      |      |
|--------------|------|------|------|------|------|------|------|------|------|------|------|
| All Alaskans | 79.1 | 79.7 | 93.3 | 84.8 | 81.1 | 76.0 | 79.2 | 64.7 | 73.4 | 75.0 | 58.1 |
| U.S.         | 31.8 | 33.1 | 32.3 | 32.4 | 31.8 | 31.0 | 30.0 | 29.7 | 29.1 | 27.5 | 26.8 |
|              | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 |

*Data Sources:*

**Alaska/U.S.:** Federal Bureau of Investigation, Uniform Crime Reports (UCR) as prepared by the National Archive of Criminal Justice Data

Note: The UCR Program provides statistics based on data contributed by local, county, state, tribal, and federal law enforcement agencies. Caution should be used when comparing statistics from different jurisdictions, and consideration should be given to the various variables that affect crime and law enforcement's response in a given jurisdiction. In December 2011, the UCR Program changed its definition of rape, however, the forcible rape statistics have been reported according to the historical definition.

**69 Percentage of mothers of 3 year olds who report that their child saw violence or abuse in person.**

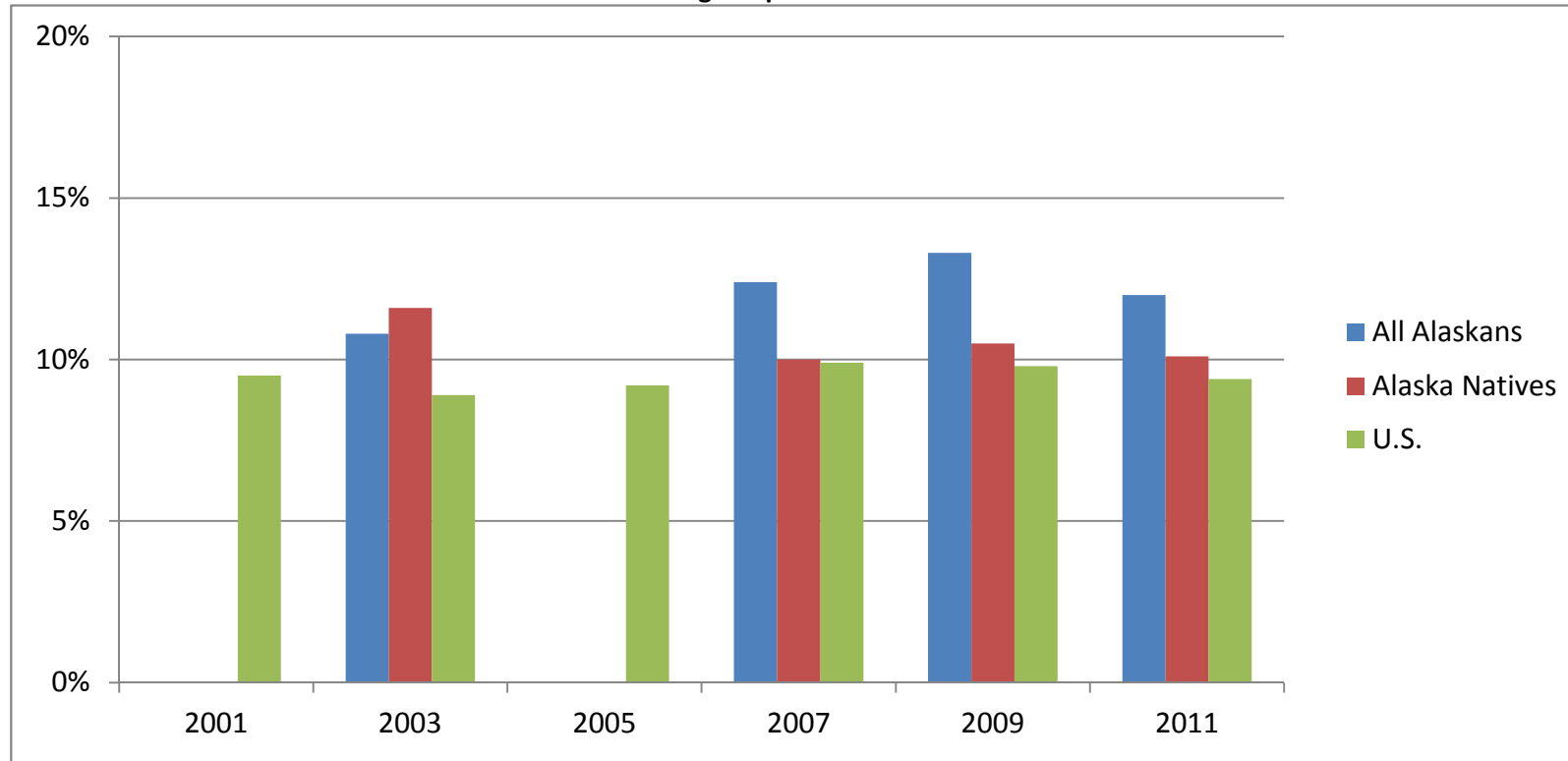
|                |       |      |      |
|----------------|-------|------|------|
| All Alaskans   | 5.1%  | 4.0% | 7.2% |
| Alaska Natives | 15.8% | 9.1% | 9.4% |
|                | 2008  | 2009 | 2010 |

*Data Sources:*

**Alaska/Alaska Natives** – Alaska Childhood Understanding Behaviors Survey (CUBS)

Note: No U.S. data is available because not all states participate in CUBS. Alaska Native data for 2009 is based on combined 2008-09 data. Alaska Native data for 2010 is based on combined 2010-11 data.

**70 Percentage of high school students who were ever hit, slapped, or physically hurt on purpose by their boyfriend or girlfriend during the past 12 months.**



|                |      |       |      |       |       |       |
|----------------|------|-------|------|-------|-------|-------|
| All Alaskans   | -    | 10.8% | -    | 12.4% | 13.3% | 12.0% |
| Alaska Natives | -    | 11.6% | -    | 10.0% | 10.5% | 10.1% |
| U.S.           | 9.5% | 8.9%  | 9.2% | 9.9%  | 9.8%  | 9.4%  |
|                | 2001 | 2003  | 2005 | 2007  | 2009  | 2011  |

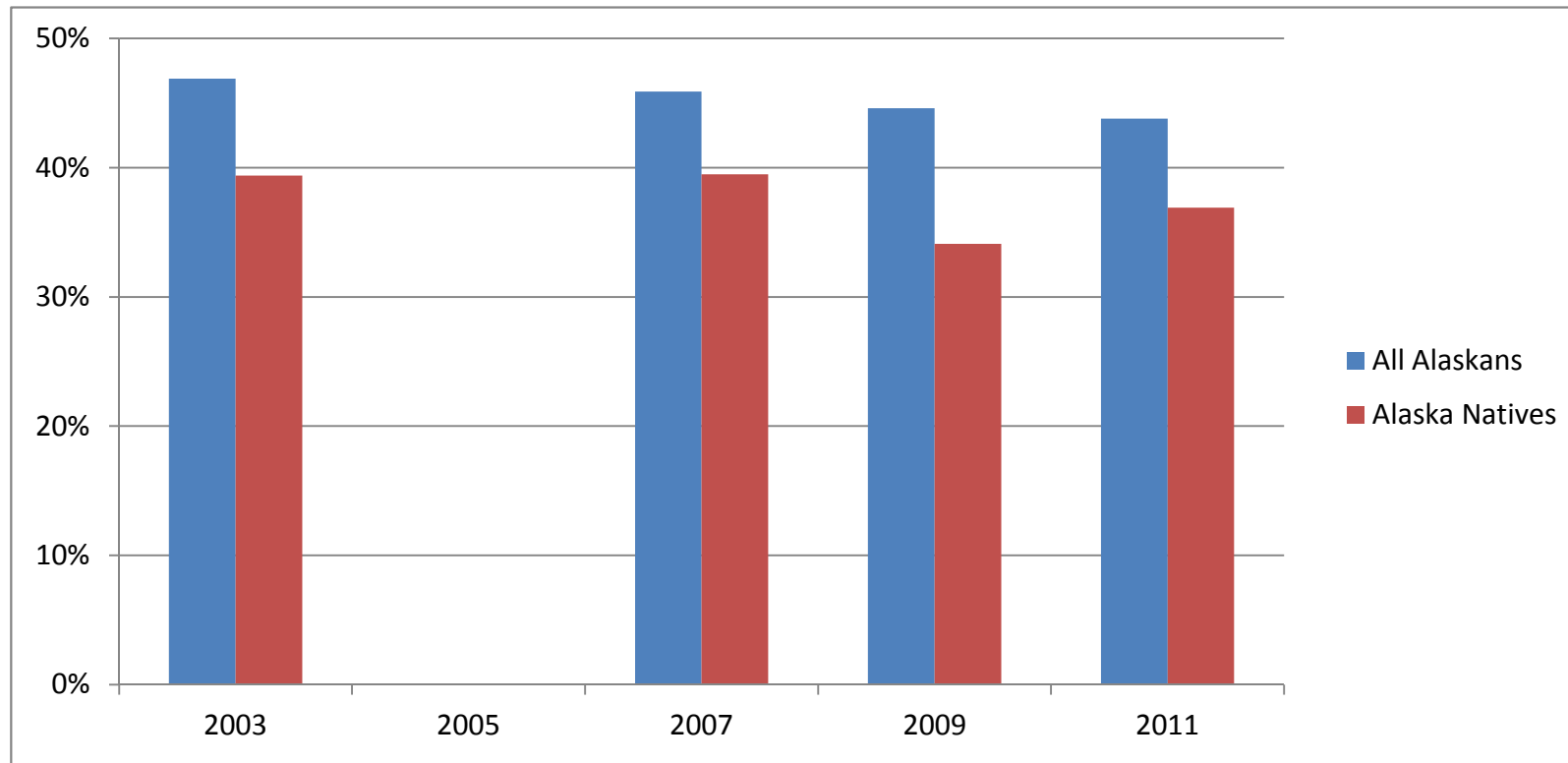
*Data Sources:*

**Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey

**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.



**71 Percentage of high school students with three or more adults (besides their parent(s)) who they feel comfortable seeking help from**

|                |       |      |       |       |       |
|----------------|-------|------|-------|-------|-------|
| All Alaskans   | 46.9% | -    | 45.9% | 44.6% | 43.8% |
| Alaska Natives | 39.4% | -    | 39.5% | 34.1% | 36.9% |
|                | 2003  | 2005 | 2007  | 2009  | 2011  |

*Data Sources:***Alaska/Alaska Natives** – Alaska Department of Health and Social Services, Alaska Youth Risk Behavior Survey**U.S.** – Centers for Disease Control and Prevention, Youth Risk Behavior Surveillance System

Note: Weighted Alaska data for this indicator were obtained in 2003, 2007, 2009 and 2011.