**CHNA Data Report: Areas of Concern/Disparities**

**ACCESS TO CARE**

Uninsured Population (Total)

The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

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| Report Area | Total Population(For Whom Insurance Status is Determined) | Number Uninsured | Percent Uninsured |
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| Report Area | 241,692 | 50,939 | **21.08%** |
| Chelan County, WA | 72,637 | 15,188 | **21.07%** |
| Douglas County, WA | 38,498 | 7,680 | **20.05%** |
| Grant County, WA | 89,435 | 18,752 | **21.16%** |
| Okanogan County, WA | 41,122 | 9,319 | **22.98%** |
| Washington | 6,746,806 | 923,249 | 13.68% |
| United States | 309,231,232 | 46,282,216 | 15.22% |

*Note: This indicator is compared with the state average.* |

Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

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| Report Area | Total Population | Total Primary Care Providers | Primary Care Provider Rate (Per 100,000 Pop.) |
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| Report Area | 241,124 | 191 | **79.20** |
| Chelan County | 72,453 | 85 | **117.31** |
| Douglas County | 38,431 | 16 | **41.63** |
| Grant County | 89,120 | 46 | **51.61** |
| Okanogan County | 41,120 | 44 | **107** |
| Washington | 6,724,540 | 6,066 | 90.20 |
| United States | 312,471,327 | 264,897 | 84.70 |

*Note: This indicator is compared with the state average. No breakout data available.**Data Source:* [*U.S. Health Resources and Services Administration Area Resource File, 2011*](http://arf.hrsa.gov/) *. Source geography: County.* |  |

Uninsured Population (Adults)

The lack of health insurance is considered a *key driver* of health status.
This indicator reports the percentage of adults age 18 to 64 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

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| Report Area | Total Population Age 18 - 64 | Population with Medical Insurance | Percent Population With Medical Insurance | Population Without Medical Insurance | Percent Population Without Medical Insurance |
| --- | --- | --- | --- | --- | --- |
| Report Area | 142,828 | 100,830 | 70.60% | 41,997 | **29.40%** |
| Chelan County, WA | 43,372 | 31,867 | 73.50% | 11,505 | **26.50%** |
| Douglas County, WA | 22,947 | 16,156 | 70.40% | 6,790 | **29.60%** |
| Grant County, WA | 52,052 | 35,565 | 68.30% | 16,487 | **31.70%** |
| Okanogan County, WA | 24,457 | 17,242 | 70.50% | 7,215 | **29.50%** |
| Washington | 4,299,112 | 3,456,537 | 80.40% | 842,575 | 19.60% |
| United States | 190,888,983 | 150,591,311 | 78.89% | 40,297,670 | 21.11% |

*Note: This indicator is compared with the state average.**Data Source:*[*US Census Bureau, Small Area Health Insurance Estimates: 2011*](http://www.census.gov/did/www/sahie/)*. Source geography: County* |

Uninsured Population (Children)

The lack of health insurance is considered a *key driver* of health status.

This indicator reports the percentage of children under age 18 without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

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| Report Area | Total Population Under Age 19 | Population with Medical Insurance | Percent Population With Medical Insurance | Population Without Medical Insurance | Percent Population Without Medical Insurance |
| --- | --- | --- | --- | --- | --- |
| Report Area | 68,976 | 63,309 | 91.78% | 5,667 | **8.22%** |
| Chelan County, WA | 19,035 | 17,537 | 92.10% | 1,498 | **7.90%** |
| Douglas County, WA | 10,839 | 9,936 | 91.70% | 903 | **8.30%** |
| Grant County, WA | 28,980 | 26,771 | 92.40% | 2,209 | **7.60%** |
| Okanogan County, WA | 10,122 | 9,065 | 89.60% | 1,057 | **10.40%** |
| Washington | 1,642,246 | 1,535,826 | 93.52% | 106,421 | 6.48% |
| United States | 76,751,902 | 70,692,857 | 92.11% | 6,059,050 | 7.89% |

*Note: This indicator is compared with the state average.**Data Source:*[*US Census Bureau, Small Area Health Insurance Estimates: 2011*](http://www.census.gov/did/www/sahie/)*. Source geography: County.* |

Poor Dental Health

This indicator reports the percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection. This indicator is relevant because it indicates lack of access to dental care and/or social barriers to utilization of dental services.

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| Report Area | Total Population(Age 18 ) | Number Adults with Poor Dental Health | Percent Adults with Poor Dental Health |
| --- | --- | --- | --- |
| Report Area | 169,842 | 25,947 | **15.28%** |
| Chelan County | 53,020 | 7,672 | **14.47%** |
| Douglas County | 26,980 | 4,419 | **16.38%** |
| Grant County | 59,156 | 8,891 | **15.03%** |
| Okanogan County | 30,686 | 4,965 | **16.18%** |
| Washington | 5,000,516 | 601,062 | 12.02% |
| United States | 232,747,222 | 36,229,520 | 15.57% |

*Note: This indicator is compared with the state average. No breakout data available.**Data Source:* [*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010*](http://www.cdc.gov/brfss/)*. Source geography: County.* |  |

Dental Care Utilization (Adult)

This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

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| Report Area | Total Population(Age 18 ) | Number Adults with No Dental Exam | Percent Adults with No Dental Exam |
| --- | --- | --- | --- |
| Report Area | 169,842 | 62,824 | **36.99%** |
| Chelan County | 53,020 | 18,732 | **35.33%** |
| Douglas County | 26,980 | 8,709 | **32.28%** |
| Grant County | 59,156 | 22,799 | **38.54%** |
| Okanogan County | 30,686 | 12,584 | **41.01%** |
| Washington | 5,000,516 | 1,383,143 | 27.66% |
| United States | 232,747,222 | 70,151,188.94 | 30.14% |

*Note: This indicator is compared with the state average. No breakout data available.**Data Source:* [*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010*](http://www.cdc.gov/brfss/)*. Source geography: County.* |  |

Lack of a Consistent Source of Primary Care

This indicator reports the percentage of adults aged 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider. This indicator is relevant because access to regular primary care is important to preventing major health issues and emergency department visits.

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| Report Area | Total Population(Age 18 ) | Number Adults Without Any Regular Doctor | Percent Adults Without Any Regular Doctor |
| --- | --- | --- | --- |
| Report Area | 169,842 | 42,887 | **25.25%** |
| Chelan County | 53,020 | 12,279 | **23.16%** |
| Douglas County | 26,980 | 6,265 | **23.22%** |
| Grant County | 59,156 | 15,972 | **27%** |
| Okanogan County | 30,686 | 8,371 | **27.28%** |
| Washington | 5,000,516 | 1,078,611 | 21.57% |
| United States | 232,747,222 | 44,961,851.44 | 19.32% |

*Note: This indicator is compared with the state average. No breakout data available.**Data Source:* [*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010*](http://www.cdc.gov/brfss/)*. Source geography: County.* |  |

**MENTAL HEALTH**

Adequate Social or Emotional Support

This indicator reports the percentage of adults aged 18 and older who self-report that they receive insufficient social and emotional support all of most of the time. This indicator is relevant because social and emotional support is critical for navigating the challenges of daily life as well as for good mental health. Social and emotional support is also linked to educational achievement and economic stability.

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| Report Area | Total Population Age 18+ | Estimated Population Without Adequate Social / Emotional Support | Percent Population Without Adequate Social / Emotional Support |
| --- | --- | --- | --- |
| Report Area | 169,842 | 33,407 | **19.67%** |
| Chelan County, WA | 53,020 | 9,544 | **18%** |
| Douglas County, WA | 26,980 | 5,126 | **19%** |
| Grant County, WA | 59,156 | 12,600 | **21.30%** |
| Okanogan County, WA | 30,686 | 6,137 | **20%** |
| Washington | 5,000,516 | 855,088 | 17.10% |
| United States | 229,932,154 | 48,120,965 | 20.93% |

*Note: This indicator is compared with the state average. Data breakout by demographic groups are not available.**Data Source:*[*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System: 2005-11*](http://www.cdc.gov/brfss/)*.* *Accessed using the*[*Health Indicators Warehouse*](http://healthindicators.gov/)*.. Source geography: County.* |

Suicide

This indicator reports the rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

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| Report Area | Total Population | Average Annual Deaths, 2006-2010 | Crude Death Rate (Per 100,000 Pop.) | Age-Adjusted Death Rate, Suicide(Per 100,000 Pop.) |
| --- | --- | --- | --- | --- |
| Report Area | 233,295 | 34 | 14.57 | **15.21** |
| Chelan County, WA | 70,939 | 9 | 12.69 | **12.77** |
| Douglas County, WA | 37,129 | 6 | 15.08 | **16.80** |
| Grant County, WA | 85,017 | 10 | 12 | **12.70** |
| Okanogan County, WA | 40,210 | 9 | 22.88 | **23.34** |
| Washington | 6,557,307 | 888 | 13.55 | **13.16** |
| United States | 303,844,430 | 35,841 | 11.80 | **11.57** |
| [HP 2020 Target](http://www.healthypeople.gov/2020/about/default.aspx) |  |  |  | **<= 10.2** |

*Note: This indicator is compared with the Healthy People 2020 Target.* |

*Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2006-10*](http://www.cdc.gov/nchs/nvss.htm/)*. Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County*

**OBESITY/NUTRITION**

Poor General Health

This indicator reports the percentage of adults age 18 and older who self-report having poor or fair health. This indicator is relevant because it is a measure of general poor health status. The source of this indicator is the Centers for Disease Control and Prevention, Behavioral Risk Factors Surveillance System (BRFSS) 2010.

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| Report Area | Total Population (Age 18 ) | Number Reporting Poor General Health | Percent Reporting Poor General Health |
| --- | --- | --- | --- |
| Report Area | 166,193 | 27,962.46 | **16.83%** |
| Chelan County | 52,580 | 7,729 | **14.70%** |
| Douglas County | 26,099 | 4,045 | **15.50%** |
| Grant County | 57,596 | 10,713 | **18.60%** |
| Okanogan County | 29,918 | 5,475 | **18.30%** |
| Washington | 1,716,677 | 228,318 | 13.30% |
| United States | 111,821,887 | 18,188,242 | 16.27% |

*Note: This indicator is compared with the state average. No breakout data available.**Data Source:* [*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010*](http://www.cdc.gov/brfss/)*. Source geography: County.* |  |

Obesity (Adult)

This indicator reports the percentage of adults aged 18 and older who self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese). This indicator is relevant because excess weight is a prevalent problem in the U.S.; it indicates an unhealthy lifestyle and puts individuals at risk for further health issues.

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| Report Area | Total Population (Age 20 ) | Number Obese | Percent Obese |
| --- | --- | --- | --- |
| Report Area | 166,448.79 | 46,952 | **28.21%** |
| Chelan County | 52,454.55 | 12,694 | **24.20%** |
| Douglas County | 26,231.05 | 7,266 | **27.70%** |
| Grant County | 58,308.64 | 18,892 | **32.40%** |
| Okanogan County | 29,454.55 | 8,100 | **27.50%** |
| Washington | 4,946,122.84 | 1,341,720 | 27.13% |
| United States | 224,690,904.71 | 61,460,308 | 27.35% |

*Note: This indicator is compared with the state average.**Data Source:* [*Centers for Disease Control and Prevention, National Diabetes Surveillance System, 2009*](http://apps.nccd.cdc.gov/DDTSTRS/)*. Source geography: County.* |  |

Physical Inactivity (Adult)

This indicator reports the percentage of adults aged 18 and older who self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

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| Report Area | Total Population(Age 18 ) | Number Physically Inactive | Percent Physically Inactive |
| --- | --- | --- | --- |
| Report Area | 166,193 | 39,822.94 | **23.96%** |
| Chelan County | 52,580 | 11,304.70 | **21.50%** |
| Douglas County | 26,099 | 5,872.28 | **22.50%** |
| Grant County | 57,596 | 15,435.73 | **26.80%** |
| Okanogan County | 29,918 | 7,210.24 | **24.10%** |
| Washington | 1,716,677 | 312,435 | 18.20% |
| United States | 111,821,887 | 27,579,949 | 24.66% |

*Note: This indicator is compared with the state average. No breakout data available.**Data Source:* [*Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010*](http://www.cdc.gov/brfss/)*. Source geography: County.* |  |

Diabetes Prevalence

This indicator reports the percentage of adults aged 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

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| Report Area | Total Population (Age 20 ) | Population with Diabetes | Percent with Diabetes |
| --- | --- | --- | --- |
| Report Area | 185,757.69 | 14,765 | **7.95%** |
| Chelan County | 60,589.04 | 4,423 | **7.30%** |
| Douglas County | 28,897.44 | 2,254 | **7.80%** |
| Grant County | 60,321.84 | 5,248 | **8.70%** |
| Okanogan County | 35,949.37 | 2,840 | **7.90%** |
| Washington | 5,099,075.37 | 395,186 | 7.75% |
| United States | 239,583,791.97 | 21,015,523 | 8.77% |

*Note: This indicator is compared with the state average.**Data Source:* [*Centers for Disease Control and Prevention, National Diabetes Surveillance System, 2009*](http://apps.nccd.cdc.gov/DDTSTRS/)*. Source geography: County.* |  |

**PRE-CONCEPTUAL AND PERINATAL HEALTH**

Low Birth Weight

This indicator reports the percentage of total births that are low birth weight (Under 2500g). This indicator is relevant because low birth weight infants are at high risk for health problems. This indicator can also highlight the existence of health disparities.

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| Report Area | Total Live Births | Number Low Weight (< 2500g) Births | Percent Low Weight Births |
| --- | --- | --- | --- |
| Report Area | 24,213 | 1,571 | **6.49%** |
| Adams County, WA | 2,863 | 172 | **6%** |
| Chelan County, WA | 6,818 | 430 | **6.30%** |
| Grant County, WA | 10,698 | 685 | **6.40%** |
| Okanogan County, WA | 3,834 | 284 | **7.40%** |
| Washington | 600,427 | 37,827 | 6.30% |
| United States | 29,300,498 | 2,387,855 | 8.15% |

*Note: This indicator is compared with the state average. Data breakout by demographic groups are not available.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2003-09*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |

Infant Mortality

This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

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| Report Area | Total Births | Total Infant Deaths | Infant Mortality Rate (Per 1,000 Births) |
| --- | --- | --- | --- |
| Report Area | 24,213 | 159 | **6.57** |
| Adams County, WA | 2,863 | 24 | **8.38** |
| Chelan County, WA | 6,818 | 38 | **5.57** |
| Grant County, WA | 10,698 | 73 | **6.82** |
| Okanogan County, WA | 3,834 | 24 | **6.26** |
| Washington | 600,427 | 3,088 | **5.14** |
| United States | 58,600,996 | 393,074 | **6.71** |
| [HP 2020 Target](http://www.healthypeople.gov/2020/about/default.aspx) |  |  | **<= 6.0** |

*Note: This indicator is compared with the Healthy People 2020 Target.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2003-09*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |

Teen Births

This indicator reports the rate of total births to women under the age of 15 - 19 per 1,000 female population age 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices.

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| Report Area | Female Population Age 15 - 19 | Births to Mothers Age 15 - 19 | Teen Birth Rate (Per 1,000 Births) |
| --- | --- | --- | --- |
| Report Area | 55,553 | 3,413 | **61.44** |
| Adams County, WA | 4,779 | 498 | **104.20** |
| Chelan County, WA | 17,668 | 788 | **44.60** |
| Grant County, WA | 22,748 | 1,606 | **70.60** |
| Okanogan County, WA | 10,358 | 521 | **50.30** |
| Washington | 1,498,685 | 49,007 | 32.70 |
| United States | 72,071,117 | 2,969,330 | 41.20 |

*Note: This indicator is compared with the state average.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2003-09*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |

**Teenage Girls by Race / Ethnicity, Birth Rate (Per 1,000 Births)**

| Report Area | White (Non-Hispanic) | Black (Non-Hispanic) | Asian | American Indian / Alaskan Native | Hispanic/Latino |
| --- | --- | --- | --- | --- | --- |
| Report Area | 33.90 | no data | 124.40 | 105.40 | 110.10 |
| Adams County, WA | 31.10 | no data | no data | 985.50 | 152.20 |
| Chelan County, WA | 26 | no data | 127.50 | no data | 90.10 |
| Grant County, WA | 41.50 | no data | 121.20 | 100.60 | 115 |
| Okanogan County, WA | 34 | no data | no data | 71.30 | 83.40 |
| Washington | 23.10 | 39.10 | 22.60 | 71.80 | 93.40 |
| United States | 26.30 | 62.40 | 16.70 | 57.50 | 79.70 |

**OTHER: Top 10 and Various Mortality Rates**

**Top 10 Hospitalization Diagnosis 2007-2011. Age Adjusted Rates**

Source: WA DOH Community Health Assessment Tool

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Chelan** County | Admissions per 100K Pop. | **Douglas** County | Admissions per 100K Pop. | **Grant** County | Admissions per 100K Pop. | **Okanogan** County | Admissions per 100K Pop. | **State** | Admissions per 100K Pop. |
| 1 | **Complications of pregnancy; childbirth; & the puerperium**  | 2108.83 | **Complications of pregnancy; childbirth; & the puerperium** | 1947.5 | **Complications of pregnancy; childbirth; & the puerperium** | 2458.04 | **Complications of pregnancy; childbirth; & the puerperium** | 2345.42 | **Complications of pregnancy; childbirth; & the puerperium** | 1689.08 |
| 2 | **Complications of pregnancy; childbirth; & the puerperium** | 1858.04 | **Complications of pregnancy; childbirth; & the puerperium** | 1759.21 | **Complications of pregnancy; childbirth; & the puerperium** | 1829.97 | **Certain conditions originating in the perinatal period** | 1908.36 | **Complications of pregnancy; childbirth; & the puerperium** | 1666.63 |
| 3 | **Diseases of the circulatory system** | 1316.84 | **Diseases of the circulatory system** | 1382.05 | **Diseases of the circulatory system** | 1603.8 | **Diseases of the circulatory system** | 1510.62 | **Diseases of the circulatory system** | 1547.38 |
| 4 | **Diseases of the digestive system** | 933.63 | **Diseases of the digestive system** | 919.67 | **Diseases of the digestive system** | 960.94 | **Injury and poisoning** | 1224.66 | **Diseases of the digestive system** | 1069.27 |
| 5 | **Injury and poisoning** | 931.81 | **Diseases of the musculoskeletal system & connective tissue** | 872.92 | **Injury and poisoning** | 960.32 | **Diseases of the digestive system** | 1168.69 | **Injury and poisoning** | 958.34 |
| 6 | Diseases of the musculoskeletal system & connective tissue | 928.26 | Injury and poisoning | 829.6 | Diseases of the digestive system | 915.14 | Diseases of the respiratory system | 1087.22 | Diseases of the respiratory system | 915.11 |
| 7 | Diseases of the respiratory system | 881.5 | Diseases of the respiratory system | 751.89 | Diseases of the musculoskeletal system & connective tissue | 848.28 | Diseases of the musculoskeletal system & connective tissue | 913.31 | Diseases of the musculoskeletal system & connective tissue | 771.71 |
| 8 | Neoplasms | 562.54 | Neoplasms | 510.82 | Diseases of the genitourinary system | 562.12 | Diseases of the genitourinary system | 701.22 | neoplasms | 565.28 |
| 9 | Diseases of the genitourinary system | 511.52 | Diseases of the genitourinary system | 461.75 | Neoplasms | 536.5 | Neoplasms | 624.7 | Diseases of the genitourinary system | 554.57 |
| 10 | Endocrine; nutritional; & metabolic diseases & immunity disorders | 350.51 | Endocrine; nutritional; & metabolic diseases & immunity disorders | 315.28 | Endocrine; nutritional; & metabolic diseases & immunity disorders | 331.69 | Mental Illness | 454.84 | Mental Illness | 530.18 |

**Top 10 causes of Death 2007-2011. Age Adjusted Rates**

Source: WA DOH Community Health Assessment Tool

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Chelan** County | Deaths per 100K Pop. | **Douglas** County | Deaths per 100K Pop. | **Grant** County | Deaths per 100K Pop. | **Okanogan** County | Deaths per 100K Pop. | **State** | Deaths per 100K Pop. |
| 1 | **Major cardiovascular diseases** | 193.45 | **Major cardiovascular diseases** | 199.18 | **Major cardiovascular diseases** | 224.3 | **Major cardiovascular diseases** | 227.32 | **Major cardiovascular diseases** | 211.12 |
| 2 | **Malignant neoplasms** | 166.46 | **Malignant neoplasms** | 170.92 | **Malignant neoplasms** | 180.34 | **Malignant neoplasms** | 176.8 | **Malignant neoplasms** | 173.01 |
| 3 | **Alzheimer’s disease** | 48.91 | **Alzheimer’s disease** | 52.1 | **Chronic lower respiratory diseases** | 51.92 | **Accidents** | 60.09 | **Alzheimer’s disease** | 44.02 |
| 4 | **Chronic lower respiratory diseases** | 42.35 | **Chronic lower respiratory diseases** | 41.38 | **Accidents** | 51.05 | **Chronic lower respiratory diseases** | 53.86 | **Chronic lower respiratory diseases** | 43.49 |
| 5 | **Accidents** | 40.86 | **Accidents** | 30.84 | **Alzheimer’s disease** | 37.86 | **Alzheimer’s disease** | 35.33 | **Accidents** | 38.82 |
| 6 | Diabetes mellitus | 19.77 | Diabetes mellitus | 24.03 | Diabetes mellitus | 30.73 | Suicide | 24.8 | Diabetes mellitus | 22.84 |
| 7 | Suicide | 13.78 | Suicide | 13.96 | Influenza & pneumonia | 12.58 | Diabetes mellitus | 24.21 | Suicide | 13.4 |
| 8 | Chronic liver disease & cirrhosis | 9.96 | Chronic liver disease & cirrhosis | 8.79 | Suicide | 12.13 | Chronic liver disease & cirrhosis | 18.38 | Influenza & pneumonia | 10.48 |
| 9 | Parkinson’s disease | 7.56 | Influenza & pneumonia | 7.47 | Chronic liver disease & cirrhosis | 11.74 | Influenza & pneumonia | 10.01 | Chronic liver disease & cirrhosis | 10 |
| 10 | Influenza & pneumonia | 6.63 | Conditions originating in the perinatal period | 5.96 | Parkinson’s disease | 7.55 | Parkinson’s disease | 8.14 | Parkinson’s disease | 8.16 |

Heart Disease Mortality

Within the report area the rate of death due to coronary heart disease per 100,000 population is 118.97. This rate is greater than than the Healthy People 2020 target of less than or equal to 100.8. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

| Report Area | Total Population | Average Annual Deaths, 2006-2010 | Crude Death Rate (Per 100,000 Pop.) | Age-Adjusted Death Rate, Heart Disease Mortality(Per 100,000 Pop.) |
| --- | --- | --- | --- | --- |
| Report Area | 214,031 | 280 | 130.92 | **118.97** |
| Adams County, WA | 17,865 | 20 | 109.71 | **128.08** |
| Chelan County, WA | 70,939 | 99 | 139.56 | **104.19** |
| Grant County, WA | 85,017 | 104 | 122.56 | **130.84** |
| Okanogan County, WA | 40,210 | 57 | 142.75 | **115.88** |
| Washington | 6,557,307 | 8,065 | 122.99 | **121.14** |
| United States | 303,844,430 | 432,552 | 142.36 | **134.65** |
| [HP 2020 Target](http://www.healthypeople.gov/2020/about/default.aspx) |  |  |  | **<= 100.8** |

*Note: This indicator is compared with the Healthy People 2020 Target.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2006-10*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |

Infant Mortality

This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

| Report Area | Total Births | Total Infant Deaths | Infant Mortality Rate (Per 1,000 Births) |
| --- | --- | --- | --- |
| Report Area | 24,213 | 159 | **6.57** |
| Adams County, WA | 2,863 | 24 | **8.38** |
| Chelan County, WA | 6,818 | 38 | **5.57** |
| Grant County, WA | 10,698 | 73 | **6.82** |
| Okanogan County, WA | 3,834 | 24 | **6.26** |
| Washington | 600,427 | 3,088 | **5.14** |
| United States | 58,600,996 | 393,074 | **6.71** |
| [HP 2020 Target](http://www.healthypeople.gov/2020/about/default.aspx) |  |  | **<= 6.0** |

*Note: This indicator is compared with the Healthy People 2020 Target.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2003-09*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |

Stroke Mortality

Within the report area there are an estimated 44.13 deaths due to cerebrovascular disease (stroke) per 100,000 population. This is greater than than the Healthy People 2020 target of less than or equal to 33.8. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

| Report Area | Total Population | Average Annual Deaths, 2006-2010 | Crude Death Rate (Per 100,000 Pop.) | Age-Adjusted Death Rate, Stroke Mortality(Per 100,000 Pop.) |
| --- | --- | --- | --- | --- |
| Report Area | 214,031 | 104 | 48.78 | **44.13** |
| Adams County, WA | 17,865 | 7 | 41.42 | **50.94** |
| Chelan County, WA | 70,939 | 42 | 58.92 | **43.54** |
| Grant County, WA | 85,017 | 35 | 41.17 | **44.55** |
| Okanogan County, WA | 40,210 | 20 | 50.24 | **41.24** |
| Washington | 6,557,307 | 2,666 | 40.65 | **40.63** |
| United States | 303,844,430 | 133,107 | 43.81 | **41.78** |
| [HP 2020 Target](http://www.healthypeople.gov/2020/about/default.aspx) |  |  |  | **<= 33.8** |

*Note: This indicator is compared with the Healthy People 2020 Target.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2006-10*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |

Cancer Mortality

This indicator reports the rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|

| Report Area | Total Population | Average Annual Deaths, 2006-2010 | Crude Death Rate (Per 100,000 Pop.) | Age-Adjusted Death Rate, Cancer Mortality(Per 100,000 Pop.) |
| --- | --- | --- | --- | --- |
| Report Area | 214,031 | 402 | 188.01 | **171.34** |
| Adams County, WA | 17,865 | 24 | 134.34 | **153.67** |
| Chelan County, WA | 70,939 | 142 | 199.89 | **161.54** |
| Grant County, WA | 85,017 | 146 | 172.20 | **181.97** |
| Okanogan County, WA | 40,210 | 90 | 224.32 | **174.02** |
| Washington | 6,557,307 | 11,607 | 177.01 | **174.90** |
| United States | 303,844,430 | 566,121 | 186.32 | **176.66** |
| [HP 2020 Target](http://www.healthypeople.gov/2020/about/default.aspx) |  |  |  | **<= 160.6** |

*Note: This indicator is compared with the Healthy People 2020 Target.**Data Source:*[*Centers for Disease Control and Prevention, National Vital Statistics System: 2006-10*](http://www.cdc.gov/nchs/nvss.htm/)*.* *Accessed using*[*CDC WONDER*](http://wonder.cdc.gov/)*.. Source geography: County.* |