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Part I. Health Status

Population - Demographic Characteristics


Population - Social Characteristics

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Household Composition | Total households | 2008 | 2,089,449 | 274,743 | 113,101,329 |
|  | Percent change in total households | 2000-2008 | 10.3\% | 6.8\% | 7.2\% |
|  | Householders living alone - Percent of households | 2008 | 29.1\% | 31.2\% | 27.8\% |
|  | Percent change in householders living alone | 2000-2008 | 19.4\% | 13.8\% | 15.3\% |
|  | Family households - Percent of households | 2008 | 64.3\% | 62.2\% | 66.3\% |
|  | Total family households | 2008 | 1,342,724 | 170,921 | 75,030,551 |
|  | Married couple families with own children under 18 - Percent of families | 2008 | 34.9\% | 33.2\% | 31.8\% |
|  | Percent change in married couple families with own children under 18 | 2000-2008 | -1.8\% | -8.4\% | -4.0\% |
|  | Single mothers with own children under 18 - Percent of families | 2008 | 9.2\% | 8.7\% | 11.1\% |
|  | Percent change in single mothers with own children under 18 | 2000-2008 | 11.0\% | 9.0\% | 10.2\% |
|  |  |  |  |  |  |
| Education | Total population ages 25 and older | 2008 | 3,456,013 | 418,893 | 200,030,018 |
|  | With less than a high school diploma - Percent | 2008 | 8.4\% | 10.4\% | 15.0\% |
|  | With bachelor's degree or higher - Percent | 2008 | 31.5\% | 26.9\% | 27.7\% |
|  |  |  |  |  |  |
| Limited English Proficiency | Total population ages 5 and older | 2008 | 4,865,059 | 600,752 | 283,149,507 |
|  | Speaking non-English language at home - Percent | 2008 | 9.7\% | 5.5\% | 19.7\% |

Population - Economic Characteristics

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Income and Unemployment | Median household income - In dollars | 2008 | \$57,288 | \$45,685 | \$52,029 |
|  | Labor force (civilian labor force and armed forces) | 2008 | 2,976,185 | 367,350 | 157,465,113 |
|  | Average wage per job - In dollars | 2007 | \$43,460 | \$32,755 | \$43,889 |
|  | Unemployed - Percent of civilian labor force | 2008 | 4.9\% | 3.2\% | 6.4\% |
| Poverty | Total persons - Percent living in poverty | 2008 | 9.6\% | 12.0\% | 13.2\% |
|  | Children ages 0 to 17 - Percent living in poverty | 2008 | 11.4\% | 15.3\% | 18.2\% |
|  | Elderly ages 65 and older - Percent living in poverty | 2008 | 8.6\% | 13.1\% | 9.9\% |
|  | Single mothers with related children under 18 - Percent living in poverty | 2008 | 32.7\% | 43.8\% | 36.3\% |
|  | White population - Percent living in poverty | 2008 | 7.8\% | 9.8\% | 10.7\% |
|  | Black population - Percent living in poverty | 2008 | 30.1\% | -- | 24.1\% |
|  | American Indian population - Percent living in poverty | 2008 | 37.3\% | 41.1\% | 24.2\% |
|  | Asian population - Percent living in poverty | 2008 | 16.9\% | -- | 10.7\% |
|  | Hispanic population (of any race) - Percent living in poverty | 2008 | 20.3\% | -- | 21.3\% |
|  |  |  |  |  |  |
|  | Households - Percent with incomes below poverty | 2008 | 9.8\% | 12.5\% | 12.6\% |
|  |  |  |  |  |  |
| Assistance | Households receiving public assistance - Percent | 2008 | 3.1\% | 1.9\% | 2.3\% |
|  | Aggregate public assistance income in past 12 months for households - In 2008 inflation-adjusted dollars | 2008 | \$181,277,000 | \$16,167,700 | \$8,589,381,700 |
|  | Average public assistance income per month for households In 2008 inflation-adjusted dollars | 2008 | \$235 | \$259 | \$271 |

Note: -- indicates that data cannot be displayed because the number of cases is too small.

## Summary Health Measures

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Overall Health | Adults ages 18 and older whose overall health status is fair or poor - Percent | 2008 | 11.4\% | 13.4\% | 14.4\% |
|  | Children ages 0 to 17 whose overall health status is fair or poor - Percent | 2007 | 1.5\% | 2.1\% | 3.5\% |
| Unhealthy Days | Average number of physically or mentally unhealthy days experienced by adults ages 18 and older in past month | 2008 | 5.1 | 4.5 | 6.1 |
| Life Expectancy | Life expectancy at birth - Average number of years | 1997-2001 | 78.9 | 77.6 | 76.5 |

Natality Characteristics

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Births | Total resident live births | 2007 | 73,745 | 8,840 | 4,317,119 |
|  | Percent change in total resident live births | 2000-2007 | 9.1\% | 15.2\% | 6.4\% |
|  | Births to mothers less than 20 years old - Percent | 2007 | 7.1\% | 8.0\% | 10.5\% |
|  | Low-weight births (less than 2,500 grams) - Percent | 2007 | 6.7\% | 6.3\% | 8.2\% |
|  | Preterm births (less than 37 weeks of gestation) - Percent | 2007 | 10.4\% | 11.6\% | 12.7\% |
|  |  | 2000 | 25.8\% | 28.3\% | 33.2\% |
|  | Births to unmarried women - Percent | 2007 | 32.7\% | 32.6\% | 39.7\% |
|  |  | 2000 | 19.9\% | 20.9\% | 22.9\% |
|  | Cesarean delivered births - Percent | 2007 | 26.2\% | 28.4\% | 31.8\% |
|  |  |  |  |  |  |
| Birth Rates | Birth rate - Total resident live births per 1,000 population | 2007 | 14.2 | 13.8 | 14.3 |
|  | Percent change in birth rate | 2000-2007 | 1.4\% | 13.1\% | -2.7\% |
|  | Fertility rate - Total resident live births per 1,000 women ages 15 to 44 | 2007 | 69.7 | 69.8 | 69.5 |
|  | Percent change in fertility rate | 2000-2007 | 9.2\% | 18.9\% | 3.0\% |
|  | Teen birth rate - Total resident live births to teens per 1,000 females ages 15 to 19 | 2007 | 27.5 | 27.0 | 42.5 |
|  | Percent change in teen birth rate | 2000-2007 | -7.1\% | -4.2\% | -12.4\% |
|  |  |  |  |  |  |
| Infant Deaths | Infant deaths (less than 1 year) - Rate per 1,000 live births | 2006 | 5.2 | 5.8 | 6.7 |
|  |  |  |  |  |  |
| Risk | Mothers receiving late (after first trimester) or no | 2002 | 18.5\% | 21.1\% | -- |
|  | prenatal care - Percent | 2006 | 20.1\% | -- | -- |
|  |  | 2002 | 33.8\% | 36.1\% | -- |
|  | Mothers with unintended pregnancy - Percent | 2006 | 36.0\% | -- | -- |
|  | Mothers who smoked during last three months of | 2002 | 15.4\% | 15.6\% | -- |
|  | pregnancy - Percent | 2006 | 13.6\% | -- | -- |

Note: -- indicates that data are not available.
Mortality - Deaths and Leading Causes of Death

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Deaths | Total deaths | 2006 | 37,028 | 5,868 | 2,426,264 |
|  | Total deaths - Rate per 100,000 population, age adjusted | 2006 | 672.8 | 726.9 | 776.5 |
|  | Percent change in age adjusted death rate | 2000-2006 | -12.2\% | -5.2\% | -11.0\% |
| Leading <br> Causes of Death (Rank is included in parenthesis, 1=leading cause of death) | Total deaths | 2004-2006 3-year avg. | 37,237 | 6,011 | 2,423,965 |
|  | Malignant neoplasm (cancer) deaths - Percent | 2004-2006 3-year avg. | 24.3\% (1) | 23.0\% (2) | 23.0\% (2) |
|  | Diseases of heart deaths - Percent | 2004-2006 3-year avg. | 20.8\% (2) | 26.1\% (1) | 26.6\% (1) |
|  | Cerebrovascular disease (stroke) deaths - Percent | 2004-2006 3-year avg. | 6.4\% (3) | 7.4\% (3) | 5.9\% (3) |
|  | Accidental deaths - Percent | 2004-2006 3-year avg. | 5.1\% (4) | 4.9\% (5) | 4.8\% (5) |
|  | Chronic lower respiratory disease deaths - Percent | 2004-2006 3-year avg. | 5.0\% (5) | 4.8\% (6) | 5.2\% (4) |
|  | Alzheimer's disease deaths - Percent | 2004-2006 3-year avg. | 3.4\% (6) | 5.1\% (4) | 2.9\% (7) |
|  | Diabetes mellitus deaths - Percent | 2004-2006 3-year avg. | 3.2\% (7) | 3.6\% (7) | 3.0\% (6) |
|  | Influenza and pneumonia deaths - Percent | 2004-2006 3-year avg. | 2.0\% (8) | 2.8\% (8) | 2.5\% (8) |
|  | Kidney diseases - Percent | 2004-2006 3-year avg. | 1.8\% (9) | 1.1\% (10) | 1.8\% (9) |
|  | Intentional self-harm (suicide) deaths - Percent | 2004-2006 3-year avg. | 1.4\% (10) | 1.4\% (9) | 1.4\% (11) |
|  | Other - Percent | 2004-2006 3-year avg. | 26.6\% | 19.9\% | 22.9\% |

Mortality - Top 10 Causes of Death in Minnesota over the Past Century

| Subject | Rank | 1910 | 1950 | 2006 |
| :---: | :---: | :---: | :---: | :---: |
| Leading <br> Causes of Death in Minnesota | 1 | Tuberculosis (all forms) | Diseases of the heart | Malignant neoplasms (cancer) |
|  | 2 | Diseases of the heart | Cancer and other malignant tumors | Diseases of the heart |
|  | 3 | Pneumonia (all forms) and influenza | Vascular lesions affecting central nervous system | Cerebrovascular disease (stroke) |
|  | 4 | Diarrhea, enteritis, and ulceration of the intestines | All accidents | All accidents |
|  | 5 | All accidents | Congenital malformations and diseases peculiar to first year of life | Chronic lower respiratory disease |
|  | 6 | Cancer and other malignant tumors | Pneumonia and influenza | Alzheimer's disease |
|  | 7 | Congenital malformations and diseases peculiar to first year of life | Diseases of the digestive system | Diabetes mellitus |
|  | 8 | Nephritis (all forms) (kidney diseases) | Nephritis and other diseases of the genitor-urinary system (kidney diseases) | Pneumonia and influenza |
|  | 9 | Intracranial lesions of vascular origin | Diabetes mellitus | Kidney diseases |
|  | 10 | Senility | Tuberculosis | Intentional self-harm (suicide) |

Mortality - Top 10 Causes of Death in North Dakota over the Past Century

| Subject | Rank | 1925 | 1950 | 2006 |
| :---: | :---: | :---: | :---: | :---: |
| Leading <br> Causes of Death in North Dakota | 1 | Pneumonia (all forms) and influenza | Diseases of the heart | Diseases of the heart |
|  | 2 | Diseases of the heart | Malignant neoplasms (cancer) | Malignant neoplasms (cancer) |
|  | 3 | Congenital malformations and diseases peculiar to first year of life | Vascular lesions affecting central nervous system | Cerebrovascular disease (stroke) |
|  | 4 | Cancer and other malignant tumors | All accidents | Alzheimer's disease |
|  | 5 | Intracranial lesions of vascular origin | Congenital malformations and diseases peculiar to first year of life | All accidents |
|  | 6 | Tuberculosis (all forms) | Diseases of the digestive system | Chronic lower respiratory disease |
|  | 7 | Accidents | Pneumonia and influenza | Diabetes mellitus |
|  | 8 | Nephritis (all forms) (kidney diseases) | Senility | Pneumonia and influenza |
|  | 9 | Diarrhea, enteritis, and ulceration of the intestines | Diabetes mellitus | Intentional self-harm (suicide) |
|  | 10 | Appendicitis | Kidney diseases | Kidney diseases |

Mortality - Top 10 Causes of Death in the United States over the Past Century

| Subject | Rank | 1910 | 1950 | 2006 |
| :---: | :---: | :---: | :---: | :---: |
| Leading Causes of Death in the United States | 1 | Diseases of the heart | Diseases of the heart | Diseases of the heart |
|  | 2 | Pneumonia (all forms) and influenza | Malignant neoplasms (cancer) | Malignant neoplasms (cancer) |
|  | 3 | Tuberculosis (all forms) | Vascular lesions affecting central nervous system | Cerebrovascular disease (stroke) |
|  | 4 | Diarrhea, enteritis, and ulceration of the intestines | All accidents | Chronic lower respiratory disease |
|  | 5 | Intracranial lesions of vascular origin | Certain diseases of early infancy | All accidents |
|  | 6 | Nephritis (all forms) (kidney diseases) | Pneumonia and influenza | Diabetes mellitus |
|  | 7 | Accidents excluding motor-vehicle | Tuberculosis | Alzheimer's disease |
|  | 8 | Cancer and other malignant tumors | General arteriosclerosis | Pneumonia and influenza |
|  | 9 | Premature birth | Chronic and unspecified nephritis and other renal sclerosis | Kidney diseases |
|  | 10 | Senility | Diabetes mellitus | Septicemia (blood poisoning) |

Mortality - Death Rates and Cancer Deaths by Site

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Leading <br> Causes of <br> Death - <br> Top 10 <br> Death <br> Rates in <br> Minnesota | Malignant neoplasm (cancer) deaths - Rate per 100,000 population, age adjusted | $\begin{aligned} & 2004-2006 \\ & 3-\text { year avg. } \end{aligned}$ | 172.6 | 179.7 | 183.3 |
|  | Diseases of heart deaths - Rate per 100,000 population, age adjusted | $\begin{aligned} & 2004-2006 \\ & 3 \text {-year avg. } \end{aligned}$ | 137.9 | 183.4 | 209.0 |
|  | Cerebrovascular disease (stroke) deaths - Rate per 100,000 population, age adjusted | $\begin{aligned} & 2004-2006 \\ & 3 \text {-year avg. } \end{aligned}$ | 42.1 | 50.2 | 46.6 |
|  | Accidental deaths - Rate per 100,000 population, age adjusted | 2004-2006 <br> 3-year avg. | 34.9 | 40.5 | 38.9 |
|  | Chronic lower respiratory disease deaths - Rate per 100,000 population, age adjusted | $\begin{aligned} & 2004-2006 \\ & 3 \text {-year avg. } \end{aligned}$ | 34.8 | 35.6 | 41.6 |
|  | Alzheimer's disease deaths - Rate per 100,000 population, age adjusted | 2004-2006 <br> 3-year avg. | 21.9 | 31.9 | 22.4 |
|  | Diabetes mellitus deaths - Rate per 100,000 population, age adjusted | 2004-2006 <br> 3-year avg. | 21.9 | 27.0 | 24.1 |
|  | Influenza and pneumonia deaths - Rate per 100,000 population, age adjusted | 2004-2006 <br> 3-year avg. | 12.5 | 18.3 | 19.2 |
|  | Kidney diseases - Rate per 100,000 population, age adjusted | $\begin{aligned} & 2004-2006 \\ & 3 \text {-year avg. } \end{aligned}$ | 12.3 | 7.2 | 14.3 |
|  | Intentional self-harm (suicide) deaths - Rate per 100,000 population, age adjusted | $\begin{aligned} & 2004-2006 \\ & 3 \text {-year avg. } \end{aligned}$ | 10.2 | 13.1 | 10.9 |
|  |  |  |  |  |  |
| Other Deaths | Occupational deaths - Number | 2008 | 65 | 27 | 5,071 |
|  | Infant deaths (less than 1 year) - Rate per 1,000 live births | 2006 | 5.2 | 5.8 | 6.7 |
|  | Induced terminations of pregnancy - Rate per 1,000 women ages 15 to 44 | 2005 | 12.0 | 10.0 | 15.0 |
|  |  |  |  |  |  |
| Cancer <br> Deaths - <br> Top 5 in <br> Minnesota | Lung and bronchus - Rate per 100,000 population, age adjusted | 2005 | 44.7 | 43.0 | 52.8 |
|  | Male prostate - Rate per 100,000 males, age adjusted | 2005 | 24.1 | 26.9 | 24.7 |
|  | Female breast - Rate per 100,000 females, age adjusted | 2005 | 22.3 | 22.8 | 24.0 |
|  | Colon and rectum - Rate per 100,000 population, age adjusted | 2005 | 14.8 | 18.8 | 17.4 |
|  | Pancreatic - Rate per 100,000 population, age adjusted | 2005 | 10.7 | 10.0 | 10.8 |

Morbidity - Chronic and Infectious Disease Characteristics

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Chronic <br> Diseases | Cancer Related Disease (Incidence Rates) - Top 10 in Minnesota |  |  |  |  |
|  | Male prostate - Rate per 100,000 males, age adjusted | 2005 | 181.7 | 169.6 | 142.4 |
|  | Female breast - Rate per 100,000 females, age adjusted | 2005 | 124.5 | 117.9 | 117.7 |
|  | Lung and bronchus - Rate per 100,000 population, age adjusted | 2005 | 57.6 | 62.2 | 67.7 |
|  | Colon and rectum - Rate per 100,000 population, age adjusted | 2005 | 46.9 | 51.7 | 48.3 |
|  | Corpus and uterus - Rate per 100,000 population, age adjusted | 2005 | 28.1 | 22.0 | 23.4 |
|  | Urinary bladder - Rate per 100,000 population, age adjusted | 2005 | 22.9 | 24.2 | 21.1 |
|  | Non-Hodgkin lymphoma - Rate per 100,000 population, age adjusted | 2005 | 21.1 | 19.4 | 18.9 |
|  | Melanomas of the skin - Rate per 100,000 population, age adjusted | 2005 | 19.3 | 12.1 | 18.5 |
|  | Kidney and renal pelvis - Rate per 100,000 population, age adjusted | 2005 | 14.9 | 13.7 | 14.5 |
|  | Leukemia - Rate per 100,000 population, age adjusted | 2005 | 14.8 | 16.6 | 11.6 |
|  | Other Chronic Diseases |  |  |  |  |
|  | Alzheimer's: Projections of adults ages 65+ with Alzheimer's disease | 2010 | 94,000 | 18,000 | 5,292,100 |
|  | Percent change in projections of adults ages 65+ with Alzheimer's | 2010-2020 | 6.4\% | 5.6\% | 8.6\% |
|  | Arthritis: Adults ages 18+ who have ever been told they have arthritis - Percent | 2007 | 22.9\% | 26.9\% | 27.5\% |
|  | Asthma: Adults ages 18+ who currently have asthma - Percent | 2008 | 7.8\% | 7.9\% | 8.8\% |
|  | Diabetes: Adults ages 18+ who have ever been told they have diabetes - Percent | 2008 | 7.1\% | 8.4\% | 9.2\% |
| Infectious Diseases |  |  |  |  |  |
|  | Tuberculosis cases - Rate per 100,000 population | 2007 | 4.6 | 1.1 | 4.4 |
|  | Human West Nile virus - New cases | 2008 | 10 | 37 | 1,356 |
|  | AIDS cases reported - Rate per 100,000 population | 2007 | 3.8 | 1.3 | 12.4 |
|  | Chlamydia cases - Rate per 100,000 population | 2007 | 259.6 | 281.3 | 370.2 |
|  | Gonorrhea cases - Rate per 100,000 population | 2007 | 66.9 | 18.2 | 118.9 |
|  | Syphilis cases - Rate per 100,000 population | 2007 | 3.6 | 0.3 | 13.7 |

Morbidity - Disability and Mental and Oral Health Characteristics

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Disabilities | Adults ages 18 and older who are limited in any activities because of physical, mental, or emotional problems - Percent | 2008 | 19.9\% | 17.0\% | 20.6\% |
|  | Adults ages 18 and older who require special equipment such as cane, wheelchair, special bed, or telephone - Percent | 2008 | 7.7\% | 5.6\% | 7.2\% |
|  | Children ages 0 to 17 with special health care needs - Percent | 2005/06 | 14.4\% | 12.2\% | 13.9\% |
|  |  |  |  |  |  |
| Mental Health | Adults ages 18 and older with 14 or more mentally unhealthy days <br> - Percent | 2008 | 7.5\% | 6.0\% | 10.3\% |
|  | Average number of mentally unhealthy days experienced by adults ages 18 and older in past year | 2008 | 2.7 | 2.2 | 3.4 |
|  | Children ages 4 months to 5 years who are at high risk of developmental, behavioral, or social delays - Percent | 2007 | 8.2\% | 7.5\% | 10.6\% |
|  | Children ages 6 to 17 who consistently exhibit problematic social behaviors - Percent | 2007 | 3.6\% | 5.5\% | 8.8\% |
|  | Children ages 2 to 17 who needed mental health care services Percent who received needed services | 2007 | 67.0\% | 72.4\% | 60.0\% |
|  |  |  |  |  |  |
| Oral Health | Adults ages 18 and older who visited a dentist or dental clinic in the past year - Percent | 2008 | 75.3\% | 74.1\% | 71.3\% |
|  | Adults ages 18 and older who have had any permanent teeth extracted - Percent | 2008 | 35.0\% | 45.7\% | 43.9\% |
|  | Adults ages 65 and older who have had all of their natural teeth extracted - Percent | 2008 | 13.0\% | 20.1\% | 18.5\% |
|  | Children ages 1 to 17 whose teeth are in fair or poor condition Percent | 2007 | 3.9\% | 6.2\% | 8.4\% |
|  | Children ages 1 to 17 with 2 or more oral health problems in past six months - Percent | 2007 | 4.4\% | 7.0\% | 8.4\% |
|  | Population on public water supply systems receiving fluoridated water - Percent | 2006 | 98.7\% | 96.2\% | 69.2\% |

Behavioral Health - Obesity, Tobacco, and Alcohol

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Obesity and Physical Activity | Adults ages 18 and older with 30+ minutes of moderate physical activity five or more days per week, or vigorous physical activity for $20+$ minutes three or more days per week - Percent | 2007 | 48.9\% | 52.7\% | 49.5\% |
|  | Adults ages 18 and older who consume $5+$ servings of fruits and vegetables per day - Percent | 2007 | 19.4\% | 21.9\% | 24.4\% |
|  | Adults ages 18 and older who are overweight (BMI <30 and >=25) Percent | 2008 | 37.6\% | 39.6\% | 36.5\% |
|  | Adults ages 18 and older who are obese ( $\mathrm{BMI}>=30$ ) - Percent | 2008 | 25.2\% | 27.8\% | 26.7\% |
|  | Percent change in the proportion of adults ages 18 and older who are obese ( $\mathrm{BMI}>=30$ ) | 2000-2008 | 44.8\% | 36.3\% | 33.5\% |
|  | Children ages 1 to 5 watching more than 1 hour of TV/day - Percent | 2007 | 40.9\% | 50.7\% | 54.4\% |
|  | Children ages 10 to 17 who are overweight or obese (at or above 85th percentile for BMI ) - Percent | 2007 | 23.1\% | 25.7\% | 31.6\% |
| Tobacco Use | Adults ages 18 and older who are current smokers - Percent | 2008 | 17.6\% | 18.1\% | 18.4\% |
|  | Children ages 0 to 17 living in households where someone smokes inside the home - Percent | 2007 | 4.9\% | 6.0\% | 7.6\% |
| Alcohol Use | Heavy drinkers - Percent of adult men having more than two drinks per day and adult women having more than one drink per day | 2008 | 4.7\% | 5.1\% | 5.1\% |
|  | Binge drinkers - Percent of adult men having $5+$ drinks on one occasion and female adults having 4+ drinks on one occasion | 2008 | 19.8\% | 21.6\% | 15.6\% |

Behavioral Health - Immunization, Screening, and Education

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Immunization | Children ages 19 to 35 months with recommended immunizations Percent | 2008 | 77.4\% | 74.2\% | 78.2\% |
|  | Adults ages 65 and older receiving influenza vaccine in past year Percent | 2008 | 76.4\% | 73.2\% | 71.1\% |
|  | Adults ages 65 and older who have ever received a pneumonia vaccination - Percent | 2008 | 70.5\% | 68.4\% | 66.9\% |
| Screening | Colonoscopy/sigmoidoscopy ever performed - Percent of adults ages 50 and older | 2008 | 71.0\% | 57.9\% | 62.2\% |
|  | Blood stool test within past two years - Percent of adults ages 50 and older | 2008 | 15.5\% | 20.1\% | 21.0\% |
|  | Pap test within past three years - Percent of women ages 18 and older | 2008 | 86.0\% | 82.8\% | 82.9\% |
|  | Mammogram within past two years - Percent of women ages 40 and older | 2008 | 79.1\% | 76.9\% | 76.0\% |
|  | Children ages 10 months to 5 years who received a standardized developmental/behavioral screening during a heath care visit Percent | 2007 | 41.6\% | 17.6\% | 19.5\% |
| Education | Schools that required students to take two or more health education courses - Percent | 2008 | 67.0\% | 67.2\% | 50.6\% |
|  | Schools with a health education curriculum that addresses all 8 national standards for health education* - Percent | 2008 | 56.8\% | 62.8\% | 66.1\% |

[^0]
## Part II. Health Care

Health Care - Infrastructure and Quality of Health Care

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Infrastructure | Community hospitals | 2007 | 131 | 41 | 4,897 |
|  | Critical access hospitals | 2009 | 79 | 36 | 1,305 |
|  | Rural health clinics | 2009 | 79 | 61 | 3,757 |
|  | Certified nursing facilities | 2007 | 378 | 80 | 15,281 |
|  | Federally-funded, federally-qualified health centers | 2007 | 14 | 5 | 1,067 |
| Quality | Heart failure patients given written instructions at discharge - Percent | 2007 | 76.6\% | 88.8\% | 74.7\% |
|  | Medicare patients whose health care provider always listens, explains, shows respect, and spends enough time with them - Percent | 2007 | 77.4\% | 70.8\% | 74.1\% |
|  | Medicare patients giving a "best" rating for health care received in the past year - Percent | 2007 | 66.4\% | 59.7\% | 61.4\% |
|  | High risk nursing home residents - Percent with pressure sores | 2007 | 7.7\% | 7.5\% | 12.0\% |

Access to Health Care - Health Insurance

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Coverage | People with health insurance coverage - Percent of population | 2006-2008 3-year avg. | 91.3\% | 88.6\% | 84.5\% |
| Sources of Coverage | Employer sponsored - Percent of population | 2006-2008 3-year avg. | 66.1\% | 60.7\% | 59.2\% |
|  | Direct purchase - Percent of population | 2006-2008 3-year avg. | 12.6\% | 16.5\% | 9.0\% |
|  | Medicare - Percent of population | 2006-2008 3-year avg. | 13.5\% | 13.5\% | 13.9\% |
|  | Medicaid - Percent of population | 2006-2008 3-year avg. | 11.9\% | 8.7\% | 13.4\% |
|  | Military health care - Percent of population | 2006-2008 3-year avg. | 2.5\% | 4.0\% | 3.7\% |
|  |  |  |  |  |  |
| Uninsured | People without health insurance coverage | 2006-2008 3-year avg. | 450,000 | 70,000 | 46,330,000 |
|  | People without health insurance coverage - Percent of population | 2006-2008 3-year avg. | 8.7\% | 11.4\% | 15.5\% |
|  | Children without health insurance coverage | 2006-2008 3-year avg. | 88,000 | 13,000 | 8,053,000 |
|  | Children without health insurance coverage - Percent of children ages 0 to 17 | 2006-2008 3-year avg. | 7.1\% | 8.7\% | 10.8\% |
|  |  |  |  |  |  |
| Other <br> Health Insurance Related Indicators | Private-sector employers offering health insurance to employees - Percent | 2008 | 53.5\% | 52.2\% | 56.4\% |
|  | Employees enrolling in health coverage offered by private-sector employer - Percent | 2008 | 78.4\% | 78.9\% | 78.7\% |
|  | Working adults spending $20 \%$ or more of income on out-of-pocket medical expenses (including copayments, coinsurance, and deductibles) - Percent | 2004 | 5.0\% | 5.8\% | 8.0\% |
|  | Medicaid enrollment - Percent of population <200\% of the federal poverty level | 2005 | 55.6\% | 28.4\% | 46.4\% |

Access to Health Care - Health Care Workforce and Utilization of Health Care Services


Financing Health Care

| Subject | Indicator | Year | Minnesota | North Dakota | United States |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Health Care Expenditures: All Payers | Personal health care expenditures - Millions of dollars | 2004 | \$29,524 | \$3,693 | \$1,551,255 |
|  | Personal health care expenditures - Dollars per capita | 2004 | \$5,795 | \$5,808 | \$5,283 |
|  | Personal health care expenditures - Annual average growth | 2000-2004 | 8.6\% | 8.0\% | 8.0\% |
| Health Care <br> Expenditures: <br> Medicare Funded | Medicare funded personal health care expenditures Millions of dollars | 2004 | \$4,418 | \$603 | \$303,417 |
|  | Medicare funded personal health care expenditures Dollars per enrollee | 2004 | \$6,435 | \$5,823 | \$7,439 |
|  | Medicare funded personal health care expenditures Annual average growth | 2000-2004 | 10.3\% | 9.4\% | 8.8\% |
| Hospital Expenses | Hospital adjusted expenses per inpatient day - Dollars | 2007 | \$1,500 | \$958 | \$1,696 |
|  | Hospital adjusted expenses per inpatient day - Annual average growth | 1999-2007 | 7.3\% | 4.7\% | 5.5\% |


| Part I. Health Status |  |
| :---: | :---: |
| POPULATION |  |
| Total Population | Total population: American Community Survey, 2008 1-Year Estimates, Table B01003. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Percent change in population: American Community Survey, 2008 1-Year Estimates, Table B01003. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. Census 2000 Summary File 1, 100-Percent Data, Table QT-P1. Age Groups and Sex: 2000. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Metro Status | Population in Metropolitan Statistical Areas - Percent: American Community Survey, 2008 1-Year Estimates, Table B01003. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Age | Population ages $\mathbf{0}$ to 17 - Percent: American Community Survey, 2008 1-Year Estimates, Table B01001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Percent change in population ages 0 to 17: American Community Survey, 2008 1-Year Estimates, Table B01001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. Census 2000 Summary File 1, 100-Percent Data, Table QT-P1. Age Groups and Sex: 2000. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Population ages 65 and older - Percent: American Community Survey, 2008 1-Year Estimates, Table B01001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Median age - in years: American Community Survey, 2008 1-Year Estimates, Table B01001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Race and Ethnicity | White alone - Percent: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Percent change in White alone: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. Census 2000 Summary File 1, 100-Percent Data, Table QT-P3. Race and Hispanic or Latino: 2000. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Black alone - Percent: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | American Indian alone - Percent: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Asian, Hawaiian, and Pacific Islander alone - Percent: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Some other race alone - Percent: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Two or more races - Percent: American Community Survey, 2008 1-Year Estimates, Table B02001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Population with a disability - Percent: American Community Survey, 2008 1-Year Estimates, Table B18108. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Population ages 0 to 4 - Percent with a disability: American Community Survey, 2008 1-Year Estimates, Table B18108. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Population ages 5 to 17 - Percent with a disability: American Community Survey, 2008 1-Year Estimates, Table B18108. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |


| Subject | Indicator, Source, and Notes |
| :---: | :---: |
|  | Population ages 18 to 34 - Percent with a disability: American Community Survey, 2008 1-Year Estimates, Table B18108. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Population ages 35 to 64 -Percent with a disability: American Community Survey, 2008 1-Year Estimates, Table B18108. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Population ages 75 and older - Percent with a disability: American Community Survey, 2008 1-Year Estimates, Table B18108. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Total population with a disability - Percent below poverty: American Community Survey, 2008 1-Year Estimates, Table B18130. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Household Composition | Total households: American Community Survey, 2008 1-Year Estimates, Table B11001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Percent change in total households: American Community Survey, 2008 1-Year Estimates, Table B11001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. Census 2000 Summary File 1, 100-Percent Data, Table QT-P10. Households and Families: 2000. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Percent change in householders living alone: American Community Survey, 2008 1-Year Estimates, Table B11001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. Census 2000 Summary File 1, 100-Percent Data, Table QT-P10. Households and Families: 2000. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Family households - Percent of households: American Community Survey, 2008 1-Year Estimates, Table B11001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Total family households: American Community Survey, 2008 1-Year Estimates, Table B11003. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Single mothers with own children under 18 - Percent of families: American Community Survey, 2008 1-Year Estimates, Table B11003. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Percent change in single mothers with own children under 18: American Community Survey, 2008 1-Year Estimates, Table B11003. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. Census 2000 Summary File 1, 100-Percent Data, Table QT-P10. Households and Families: 2000. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Education | Total population ages 25 and older: American Community Survey, 2008 1-Year Estimates, Table B15002. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | With less than a high school diploma - Percent: American Community Survey, 2008 1-Year Estimates, Table B15002. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | With bachelor's degree or higher - Percent: American Community Survey, 2008 1-Year Estimates, Table B15002. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Limited English Proficiency | Total population ages 5 and older: American Community Survey, 2008 1-Year Estimates, Table B16007. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Speaking non-English language at home - Percent: American Community Survey, 2008 1-Year Estimates, Table B16007. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Unemployed - Percent of civilian labor force: American Community Survey, 2008 1-Year Estimates, Table B23001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| Poverty | Total persons - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Children ages $\mathbf{0}$ to 17 - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Elderly ages 65 and older - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Single mothers with related children under 18 - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17010. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |


| Subject | Indicator, Source, and Notes |
| :---: | :---: |
|  | White population - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001A. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Black population - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001B. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | American Indian population - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001C. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Asian population - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001D and B17001E. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Hispanic population (of any race) - Percent living in poverty: American Community Survey, 2008 1-Year Estimates, Table B17001I. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
|  | Households - Percent with incomes below poverty: American Community Survey, 2008 1-Year Estimates, Table B17017. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
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|  | Average public assistance income per month for households - In 2008 inflation-adjusted dollars: American Community Survey, 2008 1-Year Estimates, Tables B19057 and B19067. U.S. Census Bureau. Retrieved at http://factfinder.census.gov. |
| OVERALL HEALTH |  |
| Overall Health | Adults ages 18 and older whose overall health status is fair or poor - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/26/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=HS\&yr=2008\&qkey=4414\&state=MN. |
|  | Children ages $\mathbf{0}$ to $\mathbf{1 7}$ whose overall health status is fair or poor - Percent: Child and Adolescent Health Measurement Initiative, 2007. National Survey of Children's Health. Child Health Status Indicator 1.1. Data Resource Center for Child and Adolescent Health website. Retrieved 10/12/09 at http://www.nschdata.org. |
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| NATALITY |  |
| Births | Total resident live births: Hamilton BE, Martin JA, Ventura SJ. Births: Preliminary data for 2007. National vital statistics reports, Web release; vol. 57 no. 12. Hyattsville, MD: National Center for Health Statistics. Released March 18, 2009. Retrieved at http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_12.pdf. |
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|  | Preterm births (less than 37 weeks of gestation) - Percent: Hamilton BE, Martin JA, Ventura SJ. Births: Preliminary data for 2007. National vital statistics reports, Web release; vol. 57 no. 12. Hyattsville, MD: National Center for Health Statistics. Released March 18, 2009. Retrieved at http://www.cdc.gov/nchs/data/nvsr/nvsr57/nvsr57_12.pdf. |



| Subject | $\quad$ Indicator, Source, and Notes |
| :--- | :--- |
|  | Mothers who smoked during last three months of pregnancy - Percent: Pregnancy Risk Assessment Monitoring System <br> (PRAMS), Centers for Disease Control and Prevention. CPONDER web-based query system. Retrieved at <br> http://www.cdc.gov/PRAMS/CPONDER.htm. NOTE: The PRAMS sample of women who have had a recent live birth is <br> drawn from the state's birth certificate file. Each participating state samples between 1,300 and 3,400 women per year. <br> National level data are unavailable from this source as only 12 states participated in the 2006 survey. In 2002, 27 states <br> participated. |


| Subject | Indicator, Source, and Notes |
| :---: | :---: |
| Chronic <br> Diseases: <br> Other Chronic <br> Diseases | Alzheimer's: Projections of adults ages 65+ with Alzheimer's disease: Alzheimer's Association, 2009 Alzheimer's Disease Facts and Figures. Retrieved at http://www.alz.org/alzheimers_disease_facts_figures.asp. |
|  | Percent change in projections of adults ages 65+ with Alzheimer's: Alzheimer's Association, 2009 Alzheimer's Disease Facts and Figures. Retrieved at http://www.alz.org/alzheimers_disease_facts_figures.asp. |
|  | Arthritis: Adults ages 18+ who have ever been told they have arthritis - Percent: Behavioral Risk Factor Surveillance System, 2007. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=AR\&yr=2007\&qkey=4498\&state=All. |
|  | Asthma: Adults ages 18+ who currently have asthma - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=AS\&yr=2008\&qkey=4416\&state=MN. |
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| Infectious Diseases | Tuberculosis cases - Rate per 100,000 population: Centers for Disease Control and Prevention, Reported Tuberculosis in the United States, 2007, Table 20. Retrieved at http://www.cdc.gov/tb/statistics/reports/2007/default.htm. |
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|  | AIDS cases reported - Rate per 100,000 population: HIV/AIDS Surveillance Report: Cases of HIV Infection and AIDS in the United States, 2007, Table 16. Centers for Disease Control and Prevention, 2009. Retrieved at http://www.cdc.gov/hiv/topics/surveillance/resources/reports/2007report/default.htm. |
|  | Chlamydia cases - Rate per 100,000 population: STD Surveillance 2007, Table 3. Division of Sexually Transmitted Diseases, National Center for HIV, STD and TB Prevention, Centers for Disease Control and Prevention, 2009. Retrieved at http://www.cdc.gov/std/stats07/tables/3.htm. |
|  | Gonorrhea cases - Rate per 100,000 population: STD Surveillance 2007, Table 13. Division of Sexually Transmitted Diseases, National Center for HIV, STD and TB Prevention, Centers for Disease Control and Prevention, 2009. Retrieved at http://www.cdc.gov/std/stats07/tables/13.htm. |
|  | Syphilis cases - Rate per 100,000 population: STD Surveillance 2007, Table 22. Division of Sexually Transmitted Diseases, National Center for HIV, STD and TB Prevention, Centers for Disease Control and Prevention, 2009. Retrieved at http://www.cdc.gov/std/stats07/tables/22.htm. |
| Disabilities | Adults ages 18 and older who are limited in any activities because of physical, mental, or emotional problems - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=DL\&yr=2008\&qkey=4000\&state=MN. |
|  | Adults ages 18 and older who require special equipment such as cane, wheelchair, special bed, or telephone - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=DL\&yr=2008\&qkey=4001\&state=MN. |
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| Mental Health | Adults ages 18 and older with 14 or more mentally unhealthy days - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/27/09 at http://apps.nccd.cdc.gov/HRQOL/. |
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|  | Children ages 4 months to 5 years who are at high risk of developmental, behavioral, or social delays - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 2.2. Data Resource Center for Child and Adolescent Health website. Retrieved 10/12/09 at http://www.nschdata.org. |
|  | Children ages 6 to $\mathbf{1 7}$ who consistently exhibit problematic social behaviors - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 2.6. Data Resource Center for Child and Adolescent Health website. Retrieved 10/12/09 at http://www.nschdata.org. |
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| Oral Health | Adults ages 18 and older who visited a dentist or dental clinic in the past year - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OH\&yr=2008\&qkey=6610\&state=MN. |


| Subject | Indicator, Source, and Notes |
| :---: | :---: |
|  | Adults ages 18 and older who have had any permanent teeth extracted - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OH\&yr=2008\&qkey=6607\&state=MN. |
|  | Adults ages 65 and older who have had all of their natural teeth extracted - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/15/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OH\&yr=2008\&qkey=6606\&state=MN. |
|  | Children ages $\mathbf{1}$ to $\mathbf{1 7}$ whose teeth are in fair or poor condition - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 1.2. Data Resource Center for Child and Adolescent Health website. Retrieved 10/12/09 at http://www.nschdata.org. |
|  | Children ages $\mathbf{1}$ to $\mathbf{1 7}$ with $\mathbf{2}$ or more oral health problems in past six months - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 1.2a. Data Resource Center for Child and Adolescent Health website. Retrieved 10/12/09 at http://www.nschdata.org. |
|  | Population on public water supply systems receiving fluoridated water - Percent: Division of Oral Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention, Water Fluoridation Statistics for 2006. Retrieved at http://www.cdc.gov/fluoridation/statistics/2006stats.htm. |
| BEHAVIORAL HEALTH |  |
| Obesity and Physical Activity | Adults ages 18 and older with 30+ minutes of moderate physical activity five or more days per week, or vigorous physical activity for 20+ minutes three or more days per week - Percent: Behavioral Risk Factor Surveillance System, 2007. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=PA\&yr=2007\&qkey=4418\&state=All. |
|  | Adults ages 18 and older who consume 5+ servings of fruits and vegetables per day - Percent: Behavioral Risk Factor Surveillance System, 2007. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=FV\&yr=2007\&qkey=4415\&state=MN. |
|  | Adults ages 18 and older who are overweight ( $\mathbf{B M I}<\mathbf{3 0}$ and $>=\mathbf{2 5}$ ) - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OB\&yr=2008\&qkey=4409\&state=MN. |
|  | Adults ages 18 and older who are obese (BMI >=30) - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OB\&yr=2008\&qkey=4409\&state=MN. |
|  | Percent change in the proportion of adults ages 18 and older who are obese (BMI >=30): Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OB\&yr=2008\&qkey=4409\&state=MN. Behavioral Risk Factor Surveillance System, 2000. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 11/03/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=OB\&yr=2000\&qkey=4409\&state=MN. |
|  | Children ages 1 to 5 watching more than 1 hour of television per day - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 6.10a. Data Resource Center for Child and Adolescent Health website. Retrieved 10/16/09 at http://nschdata.org/Rankings/RankingMap.aspx?item=07_ind6_10achbk. |
|  | Children ages 10 to 17 who are overweight or obese (at or above 85th percentile for BMI) - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 1.4a. Data Resource Center for Child and Adolescent Health website. Retrieved 10/16/09 at http://nschdata.org/Rankings/RankingMap.aspx?item=07_ind1_4a. |
| Tobacco Use | Adults ages 18 and older who are current smokers - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=TU\&yr=2008\&qkey=4396\&state=MN. |
|  | Children ages $\mathbf{0}$ to $\mathbf{1 7}$ living in households where someone smokes inside the home - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 6.4a. Data Resource Center for Child and Adolescent Health website. Retrieved 10/16/09 at http://www.nschdata.org. |
| Alcohol Use | Heavy drinkers - Percent of adult men having more than two drinks per day and adult women having more than one drink per day: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=AC\&yr=2008\&qkey=4413\&state=MN. |
|  | Binge drinkers - Percent of adult men having 5+ drinks on one occasion and female adults having 4+ drinks on one occasion: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=AC\&yr=2008\&qkey=7307\&state=MN. |


| Subject | Indicator, Source, and Notes |
| :---: | :---: |
| Immunization | Children ages 19 to 35 months with recommended immunizations - Percent: Estimated Vaccination Coverage with Individual Vaccines and Selected Vaccination Series Among Children 19-35 Months of Age by State -- U.S., National Immunization Survey, Q1/2008-Q4/2008. National Immunization Program, Centers for Disease Control and Prevention. Retrieved at http://www.cdc.gov/vaccines/stats-surv/nis/data/tables_2008.htm. NOTE: For the purpose of this dataset, immunized children are those who receive 4:3:1:3:3, which is four or more doses of diphtheria, tetanus, and pertussis, three or more doses of poliovirus vaccine, one or more doses of any measles containing vaccine (MCV), three or more doses of Haemophilius Influenza type B (Hib), and three or more doses of hepatitis B vaccine (HepB). |
|  | Adults ages 65 and older receiving influenza vaccine in past year - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=IM\&yr=2008\&qkey=4407\&state=MN. |
|  | Adults ages 65 and older who have ever received a pneumonia vaccination - Percent: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=IM\&yr=2008\&qkey=4408\&state=MN. |
| Screening | Colonoscopy/sigmoidoscopy ever performed - Percent of adults ages $\mathbf{5 0}$ and older: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=CC\&yr=2008\&qkey=4425\&state=MN. |
|  | Blood stool test within past two years - Percent of adults ages 50 and older: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=CC\&yr=2008\&qkey=4424\&state=MN. |
|  | Pap test within past three years - Percent of women ages 18 and older: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=WH\&yr=2008\&qkey=4426\&state=MN. |
|  | Mammogram within past two years - Percent of women ages 40 and older: Behavioral Risk Factor Surveillance System, 2008. National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention. Retrieved 10/19/09 at http://apps.nccd.cdc.gov/brfss/list.asp?cat=WH\&yr=2008\&qkey=4421\&state=MN. |
|  | Children ages 10 months to 5 years who received a standardized developmental/behavioral screening during a heath care visit - Percent: Child and Adolescent Health Measurement Initiative. 2007 National Survey of Children's Health. Child Health Status Indicator 4.16. Data Resource Center for Child and Adolescent Health website. Retrieved 10/12/09 at http://nschdata.org/Rankings/RankingMap.aspx?item=07_ind4_16. |
| Education | Schools that required students to take two or more health education courses - Percent: Brener ND, McManus T, Foti K, Shanklin SL, Hawkins J, Kann L, Speicher N. School Health Profiles 2008: Characteristics of Health Programs Among Secondary Schools. Atlanta: Centers for Disease Control and Prevention; 2009. Retrieved at http://www.cdc.gov/HealthyYouth/profiles/index.htm. NOTE: Survey data include responses from principals and lead health education teachers at public schools that serve students in grades 6 through 12. |
|  | Schools with a health education curriculum that addresses all 8 national standards for health education - Percent: Brener ND, McManus T, Foti K, Shanklin SL, Hawkins J, Kann L, Speicher N. School Health Profiles 2008: Characteristics of Health Programs Among Secondary Schools. Atlanta: Centers for Disease Control and Prevention; 2009. Retrieved at http://www.cdc.gov/HealthyYouth/profiles/index.htm. NOTES: Survey data include responses from principals and lead health education teachers at public schools that serve students in grades 6 through 12. The National Health Education Standards are written expectations for what students should know and be able to do by specified grade levels to promote personal, family, and community health. The standards provide a framework for curriculum development and selection, instruction, and student assessment in health education. The most recent version of the National Health Education Standards was released in 2007 and includes the following: 1) Students will comprehend concepts related to health promotion and disease prevention to enhance health. 2) Students will analyze the influence of family, peers, culture, media, technology, and other factors on health behaviors. 3) Students will demonstrate the ability to access valid information and products and services to enhance health. 4) Students will demonstrate the ability to use interpersonal communication skills to enhance health and avoid or reduce health risks. 5) Students will demonstrate the ability to use decision-making skills to enhance health. 6) Students will demonstrate the ability to use goal-setting skills to enhance health. 7) Students will demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks. 8) Students will demonstrate the ability to advocate for personal, family, and community health. |

## Part II. Health Care

INFRASTRUCTURE AND QUALITY OF HEALTH CARE
Infrastructure Community hospitals: Kaiser Family Foundation, Providers and Service Use. Retrieved 10/28/09 at http://www.statehealthfacts.org/comparemaptable.jsp?ind=382\&cat=8. NOTE: Data are for community hospitals, which represent $85 \%$ of all hospitals nationally. Federal hospitals, long term care hospitals, psychiatric hospitals, institutions for the mentally retarded, and alcoholism and other chemical dependency hospitals are not included.


| Subject | $\quad$ Indicator, Source, and Notes |
| :--- | :--- |
|  | Military health care - Percent of population: U.S. Census Bureau Current Population Survey, Annual Social and Economic <br> Supplement, 2007 through 2009. Data obtained through the Current Population Survey Table Creator at <br> http://www.census.gov/hhes/www/cpstc/cps_table_creator.html. NOTE: The Census Bureau recommends using 3-year <br> averages to compare estimates across states. |
| Uninsured | People without health insurance coverage: U.S. Census Bureau Current Population Survey, Annual Social and Economic <br> Supplement, 2007 through 2009. Data obtained through the Current Population Survey Table Creator at <br> http://www.census.gov/hhes/www/cpstc/cps_table_creator.html. NOTE: The Census Bureau recommends using 3-year <br> averages to compare estimates across states. |
|  | People without health insurance coverage - Percent of population: U.S. Census Bureau Current Population Survey, <br> Annual Social and Economic Supplement, 2007 through 2009. Data obtained through the Current Population Survey Table <br> Creator at http://www.census.gov/hhes/www/cpstc/cps_table_creator.html. NOTE: The Census Bureau recommends <br> using 3-year averages to compare estimates across states. |
|  | Children without health insurance coverage: U.S. Census Bureau Current Population Survey, Annual Social and Economic <br> Supplement, 2007 through 2009. Data obtained through the Current Population Survey Table Creator at <br> http://www.census.gov/hhes/www/cpstc/cps_table_creator.html. NOTE: The Census Bureau recommends using 3-year <br> averages to compare estimates across states. |
| Children without health insurance coverage - Percent of children ages 0 to 17: U.S. Census Bureau Current Population <br> Survey, Annual Social and Economic Supplement, 2007 through 2009. Data obtained through the Current Population |  |
| Survey Table Creator at http://www.census.gov/hhes/www/cpstc/cps_table_creator.html. NOTE: The Census Bureau |  |
| recommends using 3-year averages to compare estimates across states. |  |

HEALTH CARE WORKFORCE AND UTILIZATION OF HEALTH CARE SERVICES
Health Care Nonfederal primary care physicians - Rate per 1,000 population: Kaiser Family Foundation, Providers and Service Use.
Workforce Retrieved 10/20/09 at http://statehealthfacts.org/comparemaptable.jsp?ind=689\&cat=8.
Dentists - Rate per 1,000 population: Kaiser Family Foundation, Providers and Service Use. Retrieved 10-20-09 at http://www.statehealthfacts.org/comparemaptable.jsp?ind=691\&cat=8.
Registered nurses - Rate per 1,000 population: Occupation numbers from the Bureau of Labor Statistics, National and State Occupational Employment and Wage Estimates, May 2008. Retrieved at
http://www.bls.gov/oes/2008/may/oessrcst.htm. Population numbers used to calculate the rate from the U.S. Census Bureau, Population Division, Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008 (NST-EST2008-01). Retrieved at http://www.census.gov/popest/states/NST-annest.html.
Physician assistants - Rate per 1,000 population: Occupation numbers from the Bureau of Labor Statistics, National and State Occupational Employment and Wage Estimates, May 2008. Retrieved at
http://www.bls.gov/oes/2008/may/oessrcst.htm. Population numbers used to calculate the rate from the U.S. Census Bureau, Population Division, Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico: April 1, 2000 to July 1, 2008 (NST-EST2008-01). Retrieved at http://www.census.gov/popest/states/NST-annest.html.
Population living in primary care health professional shortage area - Percent: Kaiser Family Foundation, Providers and Service Use. Retrieved 10/21/09 at http://www.statehealthfacts.org/comparemaptable.jsp?ind=682\&cat=8.
Population living in mental health professional shortage area - Percent: Kaiser Family Foundation, Providers and Service Use. Retrieved 10/21/09 at http://www.statehealthfacts.org/comparemaptable.jsp?ind=680\&cat=8.
Population living in dental health professional shortage area - Percent: Kaiser Family Foundation, Providers and Service Use. Retrieved 10/21/09 at http://www.statehealthfacts.org/comparemaptable.jsp?ind=681\&cat=8.

| Subject | $\quad$ Indicator, Source, and Notes |
| :--- | :--- |
| Utilization of <br> Health Care <br> Services | Hospital admissions - Rate per 1,000 population: Kaiser Family Foundation, Providers and Service Use. Retrieved <br> $10 / 21 / 09$ at http://www.statehealthfacts.org/comparetable.jsp?ind=398\&cat=8. NOTE: Data are for community <br> hospitals, which represent $85 \%$ of all hospitals nationally. Federal hospitals, long term care hospitals, psychiatric hospitals, <br> institutions for the mentally retarded, and alcoholism and other chemical dependency hospitals are not included. |
|  | Hospital inpatient days - Rate per 1,000 population: Kaiser Family Foundation, Providers and Service Use. Retrieved <br> $10 / 21 / 09 ~ a t ~ h t t p: / / w w w . s t a t e h e a l t h f a c t s . o r g / c o m p a r e t a b l e . j s p ? i n d=402 \& c a t=8 . ~ N O T E: ~ D a t a ~ a r e ~ f o r ~ c o m m u n i t y ~$ |
| hospitals, which represent $85 \%$ of all hospitals nationally. Federal hospitals, long term care hospitals, psychiatric hospitals, |  |
| institutions for the mentally retarded, and alcoholism and other chemical dependency hospitals are not included. |  |

## FINANCING HEALTH CARE

Health Care Personal health care expenditures - Millions of dollars: National Health Expenditure Data, Health Expenditures by State Expenditures: of Residence, Centers for Medicare and Medicaid Services, Office of the Actuary, National Health Statistics Group, released All Payers September 2007. Retrieved at http://www.cms.hhs.gov/NationalHealthExpendData/05_NationalHealthAccountsStateHealthAccountsResidence.asp\#Top OfPage. NOTE: Health Care Expenditures measure spending for all privately and publicly funded personal health care services and products (hospital care, physician services, nursing home care, prescription drugs, etc.) by state of residence. Hospital spending is included and reflects the total net revenue (gross charges less contractual adjustments, bad debts, and charity care). Costs such as insurance program administration, research, and construction expenses are not included in this total.
Personal health care expenditures - Dollars per capita: National Health Expenditure Data, Health Expenditures by State of Residence, Centers for Medicare and Medicaid Services, Office of the Actuary, National Health Statistics Group, released September 2007. Retrieved at
http://www.cms.hhs.gov/NationalHealthExpendData/05_NationalHealthAccountsStateHealthAccountsResidence.asp\#Top OfPage. NOTE: Health Care Expenditures measure spending for all privately and publicly funded personal health care services and products (hospital care, physician services, nursing home care, prescription drugs, etc.) by state of residence. Hospital spending is included and reflects the total net revenue (gross charges less contractual adjustments, bad debts, and charity care). Costs such as insurance program administration, research, and construction expenses are not included in this total.

| Subject | Indicator, Source, and Notes |
| :---: | :---: |
|  | Personal health care expenditures - Average annual growth: National Health Expenditure Data, Health Expenditures by State of Residence, Centers for Medicare and Medicaid Services, Office of the Actuary, National Health Statistics Group, released September 2007. Retrieved at http://www.cms.hhs.gov/NationalHealthExpendData/05_NationalHealthAccountsStateHealthAccountsResidence.asp\#Top OfPage. NOTE: Health Care Expenditures measure spending for all privately and publicly funded personal health care services and products (hospital care, physician services, nursing home care, prescription drugs, etc.) by state of residence. Hospital spending is included and reflects the total net revenue (gross charges less contractual adjustments, bad debts, and charity care). Costs such as insurance program administration, research, and construction expenses are not included in this total. |
| Health Care Expenditures: Medicare Funded | Medicare funded personal health care expenditures - Millions of dollars: National Health Expenditure Data, Health Expenditures by State of Residence, Centers for Medicare and Medicaid Services, Office of the Actuary, National Health Statistics Group, released September 2007. Retrieved at http://www.cms.hhs.gov/NationalHealthExpendData/05_NationalHealthAccountsStateHealthAccountsResidence.asp\#Top OfPage. NOTE: Health Care Expenditures measure spending for all privately and publicly funded personal health care services and products (hospital care, physician services, nursing home care, prescription drugs, etc.) by state of residence. Hospital spending is included and reflects the total net revenue (gross charges less contractual adjustments, bad debts, and charity care). Costs such as insurance program administration, research, and construction expenses are not included in this total. |
|  | Medicare funded personal health care expenditures - Dollars per enrollee: National Health Expenditure Data, Health Expenditures by State of Residence, Centers for Medicare and Medicaid Services, Office of the Actuary, National Health Statistics Group, released September 2007. Retrieved at http://www.cms.hhs.gov/NationalHealthExpendData/05_NationalHealthAccountsStateHealthAccountsResidence.asp\#Top OfPage. NOTE: Health Care Expenditures measure spending for all privately and publicly funded personal health care services and products (hospital care, physician services, nursing home care, prescription drugs, etc.) by state of residence. Hospital spending is included and reflects the total net revenue (gross charges less contractual adjustments, bad debts, and charity care). Costs such as insurance program administration, research, and construction expenses are not included in this total. |
|  | Medicare funded personal health care expenditures - Average annual growth: National Health Expenditure Data, Health Expenditures by State of Residence, Centers for Medicare and Medicaid Services, Office of the Actuary, National Health Statistics Group, released September 2007. Retrieved at http://www.cms.hhs.gov/NationalHealthExpendData/05_NationalHealthAccountsStateHealthAccountsResidence.asp\#Top OfPage. NOTE: Health Care Expenditures measure spending for all privately and publicly funded personal health care services and products (hospital care, physician services, nursing home care, prescription drugs, etc.) by state of residence. Hospital spending is included and reflects the total net revenue (gross charges less contractual adjustments, bad debts, and charity care). Costs such as insurance program administration, research, and construction expenses are not included in this total. |
| Hospital Expenses | Hospital adjusted expenses per inpatient day - Dollars: Kaiser Family Foundation, Health Costs and Budgets. Retrieved 10/22/09 at http://www.statehealthfacts.org/comparemaptable.jsp?ind=273\&cat=5. NOTE: Includes all operating and non-operating expenses for registered U.S. community hospitals, defined as nonfederal short-term general and other special hospitals whose facilities and services are available to the public. Adjusted expenses per inpatient day include expenses incurred for both inpatient and outpatient care; inpatient days are adjusted higher to reflect an estimate of the volume of outpatient services. It is important to note that these figures are only an estimate of expenses incurred (by the hospital to provide a day of) inpatient care and are not a substitute for either actual charges or reimbursement for care provided. |
|  | Hospital adjusted expenses per inpatient day - Annual average growth: Kaiser Family Foundation, Health Costs and Budgets. Retrieved 10/22/09 at http://www.statehealthfacts.org/comparetable.jsp?ind=275\&cat=5. NOTE: Includes all operating and non-operating expenses for registered U.S. community hospitals, defined as nonfederal short-term general and other special hospitals whose facilities and services are available to the public. Adjusted expenses per inpatient day include expenses incurred for both inpatient and outpatient care; inpatient days are adjusted higher to reflect an estimate of the volume of outpatient services. It is important to note that these figures are only an estimate of expenses incurred (by the hospital to provide a day of) inpatient care and are not a substitute for either actual charges or reimbursement for care provided. |


[^0]:    *See the Data Sources and Notes section for an explanation of the eight national standards for health education.

